

# Fiscal Year 2021 Annual Report

Illicit Discharge Detection and Elimination

Permit Number: MD0068306

Prepared for  
Anne Arundel County

January 2022



**LimnoTech** 

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**FY 2021 Annual Report  
Illicit Discharge Detection and Elimination**

**Prepared for:  
Anne Arundel County  
Department of Public Works  
Bureau of Watershed Protection and Restoration  
2662 Riva Road  
Annapolis, MD 21401**

**Permit No. MD0068306; 11-DP-3316**

**January 2022**

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# 1 Introduction

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The current and next generation (currently in draft) National Pollutant Discharge Elimination System Municipal Separate Storm Sewer System (NPDES MS4) permits issued to Anne Arundel County (Permit MD0068306; 11-DP-3316) stipulate conditions that regulate the discharge of stormwater to and from the municipal separate storm sewer system. The permit includes the requirement to conduct an Illicit Discharge Detection and Elimination (IDDE) Program to ensure all discharges into, through, or from the MS4 that are not entirely composed of stormwater are either issued a permit by the Maryland Department of the Environment or are eliminated.

The IDDE-focused requirements for the permit encompass five main components: field screening of a minimum of 150 storm drain outfalls annually; conducting routine surveys of commercial and industrial drainage catchments to find and eliminate pollutant sources; maintaining a program to address illegal dumping and spills; maintaining appropriate enforcement procedures for investigating and eliminating non-permitted discharges; and reporting of all discharge detection and elimination activities. Screening of stormwater infrastructure and management practices at County-owned properties was a new activity this permit year Fiscal Year (FY) 2021.

The County's program uses outfall field screening to locate illegal storm drain connections or other non-permitted dry-weather discharges through the municipal storm sewer systems. LimnoTech was contracted by the County to perform field screening for the current permit year (FY 2021). Where dry weather effluent from municipal storm sewers is found, it is field-tested for certain indicator analytes. If test results indicate a potential illicit discharge, the program requires that the dry weather discharge be eliminated or permitted.

Within each area where field crews conduct dry-weather screening of outfalls, LimnoTech also performs routine visual surveys of commercial and industrial drainage areas. Inspectors drive through each commercial and industrial area, looking for signs of pollution. If possible sources of pollution are present, the field team notifies the County of the possible infraction at the site; the County then reviews the conditions and considers possible enforcement actions. Although not necessarily located within commercial or industrial areas, LimnoTech performed visual surveys of County-owned properties in the same manner.

The Anne Arundel County Department of Inspections and Permits (I&P) maintains an inspection and enforcement program for identifying, reporting, and eliminating non-stormwater discharges into the County storm drain system, which includes illicit dumping and spills. This program is complaint-based; complaints may be filed by the public, other County inspectors or departments, or the County's IDDE consultant (LimnoTech).

In the event of dumping, a spill, or an illegal connection, I&P corrects the situation or refers



the matter to MDE for correction. If IDDE inspections identify food waste-related concerns (e.g., overflowing or leaking dumpsters or grease collection facilities), the Anne Arundel County Department of Health corrects the situation. On March 18, 2020, due to the COVID-19 pandemic, the County's Department of Health (Health Department) began responding only to emergency and COVID-19 related complaints. From this date through September 2020, I&P investigated complaints typically handled by the Health Department. In September 2020 the County's Department of Health resumed investigating food waste-related concerns. Both County agencies and MDE maintain appropriate enforcement procedures to ensure correction of these activities.

Also in FY 2021 Infrastructure Management Division (IMD) staff responsible for storm drain infrastructure were transferred out of the Bureau of Highways/IMD and into the Stormwater Infrastructure Program (SIP) under the Bureau of Watershed Protection and Restoration (BWPR). Reports of needed storm drain infrastructure concerns are now forwarded to SIP for action.

This fiscal year FY 2021 IDDE report summarizes the outfall assessment activities conducted by LimnoTech field teams during the reporting period of July 2020 through June 2021 including the specific County- requested investigations of outfall screenings which were inconclusive during the prior permit year. The report also includes finding from visual surveys of commercial and industrial areas and County-owned properties. Lastly, the report includes the County's compliance or enforcement updates from identified illicit discharges, upland pollutant sources, or structural issues reported during the FY 2021 reporting period. A summary of the final resolution of complaints documented as unresolved during the previous reporting periods is included.





## 2 Methodology

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This section describes the methodology used to conduct FY 2021 IDDE program activities.

All field data collection was completed electronically on GPS-enabled mobile devices featuring built-in cameras and cellular and Wi-Fi connectivity (e.g., Trimble TDC 100). Data was recorded using a custom configuration of ESRI's FieldMaps (formerly Collector for ArcGIS) and Survey 123, thus allowing the incorporation of robust QA/QC measures and ensuring the highest quality data collection.

### 2.1 Outfalls Assessments

Each year the Anne Arundel County NPDES MS4 Permit Coordinator, or other staff member, coordinates with the IDDE consultant to identify a priority assessment area. By assessing a different area each year, the County can review a large geographic extent over the course of the permit period. The priority assessment area identified for Fiscal Year FY 2021 activities is loosely defined by I-97/Glen Burnie Bypass to the west, Route 100 and Mountain Rd to the north, and US- 50 to the south (Figure 1).

Within the priority assessment area, target outfalls were selected using a desktop geographic information system (GIS) analysis (Figure 1). Dry weather discharges are most likely to occur in commercial and industrial areas (MDE 1997). Therefore, the majority of target outfalls (60%) were selected from commercial and industrial land uses. In commercial and industrial land uses, target outfalls were  $\geq 12$  inches. A smaller number of large outfalls ( $\geq 36$  inches) draining residential areas or other land uses were also targeted and assessed.

Although only 150 outfalls (minimum) need to be assessed per year, a total of 355 outfalls were selected to target. Over-selection of target outfalls increases project efficiency by allowing greater geographic flexibility to field teams and anticipating in advance the possibility that not all target outfalls will be located (i.e., inaccessible, mis-classified inlets, inaccurate coordinates).

The County identified 12 additional outfalls, not necessarily within the priority assessment area, which LimnoTech revisited because prior assessments were inconclusive regarding source. Storm drain outfalls found when screening County-owned properties (see Section 2.3) were also assessed regardless of size or associated land use.

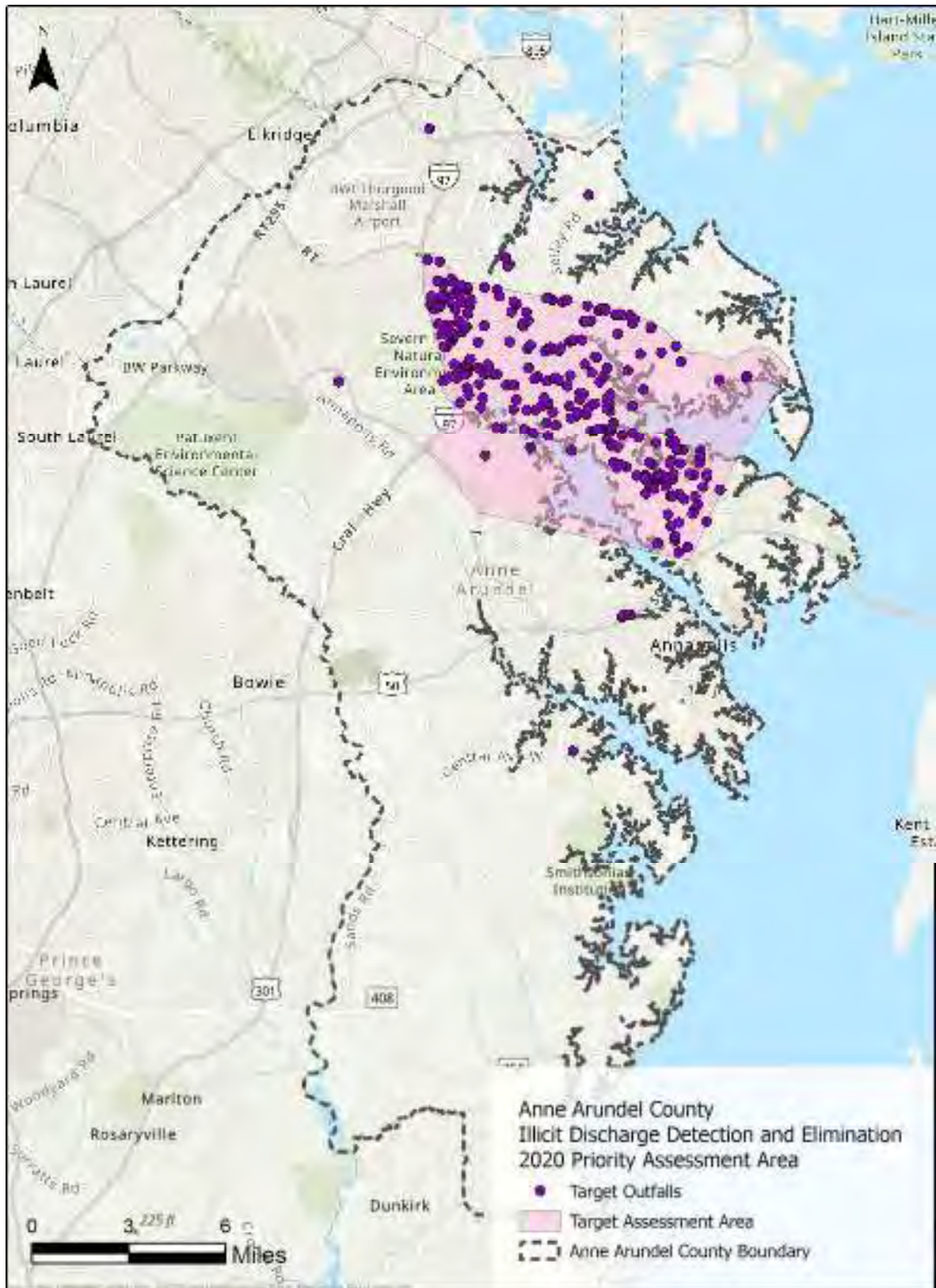
All outfall assessments were conducted during dry weather conditions (defined as at least 72 hours with less than 0.1 inches of total rainfall) and in accordance with the IDDE Standard Operating Procedures (Anne Arundel County 2020). All assessments consisted of data collection on general attributes (e.g., coordinates, dimensions, type, material, presence of deposits, erosion) and visual assessment of the outfall's structural condition (i.e.,



cracking, spalling, broken, etc.).

When LimnoTech observed dry weather flow from an outfall, a sample of the flow was collected for additional, immediate on-site testing. Dry weather flow was tested for pH, water temperature, chlorine, phenols, copper, detergents, ammonia, and fluoride. When dry weather flow of any outfall had a concentration above the established threshold limits (Table 1), the site was revisited within 4-24 hours to verify flow and test results. If concentration(s) above the threshold limit(s) persist when retested, the dry weather flow is considered illicit.





**Figure 1: Map of Priority Assessment Area and Target Outfalls.**



**Table 1: Analytes, action criteria, and testing method for dry-weather discharge screening in Anne Arundel County, FY 2021.**

Analyte	Test Range	Max. Resolution	Action Criteria†	Test Kit/Instrument	Effluent Type Indicated
<b>Chlorine</b>	(1) 0 – 3.4 mg/L (2) 0.02 – 0.68 mg/L	(1) 0.1 mg/L (2) 0.02 mg/L	≥ 0.40	Hach CN-70 Test Kit	industrial, tap water, sewage
<b>Copper</b>	0 – 4 mg/L	0.1 mg/L	≥ 0.21	Hach CU-6 Test Kit	industrial
<b>Phenols</b>	0 – 4.0 mg/L	0.2 mg/L	≥ 0.17	Hach PL-1 Test Kit	dry cleaning
<b>Detergents</b>	0 – 1.2 mg/L	N/A	≥ 0.5	Hach DE-2 Test Kit	sewage, washwater
<b>Ammonia</b>	0 – 2.4 mg/L	0.2 mg/L	≥ 1	Hach NI-SA Test Kit	sewage
<b>Fluoride</b>	0.1 – 10ppm	0.1 ppm	≥ 0.75	ExStik II Fluoride Meter	sewage, tap water
<b>pH</b>	0.00 – 14.00 pH	0.01 pH	≤ 6.5 or ≥ 8.5	ExTech PH220 pH Meter	industrial washwater
<b>Temperature</b>	32 - 212° F	0.1°	N/A	ExTech PH220 pH Meter	sewage

† MDE (1997), Pitt (2004), CWP (2004), and Anne Arundel County (2020)

When an illicit discharge was identified, LimnoTech staff used GIS coverages provided by the County to track the discharge up the storm drain network in an attempt to identify the discharge source. Beginning at the outfall, LimnoTech proceeded to follow the storm drain ‘upstream,’ stopping to visually inspect each inlet and/or manhole<sup>1</sup> to determine if the dry weather flow was present. If the storm drain system split, LimnoTech continued to trace ‘upstream’ in each direction as necessary, beginning at the largest storm drain and/or the storm drain that drained commercial or industrial areas (as opposed to residential or other land use types). LimnoTech ceased tracking an illicit discharge when a) the source of the illicit discharge is tentatively identified; or b) dry weather flow ceased; or c) conditions became unsafe to inspect inlets or outfalls for a distance greater than 0.25 miles; or d) inaccessibility prevented further tracking of storm drain; or e) discharge had been tracked for a distance of 1.25 miles without identifying any additional evidence of the possible source.

When an illicit discharge was identified, the County’s Environmental Hotline was immediately contacted (410-222-7171) and the County’s IDDE Project Manager was notified. In addition, when an illicit discharge was identified, a brief site report (Appendix A) was developed to document LimnoTech’s findings. Brief site reports were also written to document structural concerns identified during outfall screenings (Appendix B).

In the case an unmapped outfall was discovered during any field activity, field staff

<sup>1</sup> If an inlet or manhole was located in a high traffic area where it would be unsafe for LimnoTech staff to inspect without closing traffic, the inlet or manhole will be skipped and staff will proceed to the next “upstream” inlet or manhole.



recorded the coordinates, photographed the outfall, and assessed the outfall as they would a mapped target outfall. This information was provided to the County to be further researched and added to the County's GIS coverage (as appropriate/necessary).

## **2.2 Routine Survey of Commercial and Industrial Areas**

During the FY 2021 survey period commercial and industrial areas within the priority assessment area (Section 1.1; Figure 1) are visually screened to identify potential sources of upland pollution. In addition, surveys are completed when a possible pollutant source is observed by field staff conducting outfall assessments in non-commercial and industrial areas<sup>2</sup>. While visually screening commercial and industrial areas, LimnoTech looked for signs of improper waste management, outdoor auto maintenance, washing activities, broken or aging infrastructure, and severe erosion. Evidence of potential pollution could include activity such as spills, dumping, poor housekeeping, or poor facility maintenance.

LimnoTech conducted visual screening discreetly from publicly accessible areas and did not approach possible offenders. When evidence of possible pollution was observed, LimnoTech used hand-held GIS tools to record the location, record observations, and photo-document the site.

When a potential source of pollution was identified during visual surveys of commercial and industrial areas, the County's IDDE Project Manager was notified and provided a brief site report (Appendix C) documenting LimnoTech's findings.

As part of the County's program to address spills and illegal dumping, the County also provides a means to receive complaints from residents to assist in identifying possible problems during regular field activities. The Department of Inspections & Permits maintains a 24-Hour Environmental Hotline for citizens to report environmentally related complaints, including spills and illegal dumping into the County storm drain system. The Hotline has been available since 1988 and has been advertised in numerous ways, including on the County webpage<sup>3</sup>. In addition, the County webpage provides a link for citizens to submit on-line requests for investigation of environmental concerns or any other observation or issue of concern<sup>4</sup>. This on-line reporting interface is in addition to the options for reporting concerns and issues through the mobile app SeeClickFix.com<sup>©</sup> (SeeClickFix, Inc., nd) and by dialing 311.

## **2.3 County-owned Property Visits**

During FY 2021, the screening of certain County-owned improved properties not subject to

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<sup>2</sup> No potential sources of upland pollution were identified outside commercial or industrial areas during the FY 2021 IDDE activities.

<sup>3</sup> [www.aacounty.org/departments/inspections-and-permits/environmental-programs](http://www.aacounty.org/departments/inspections-and-permits/environmental-programs)

<sup>4</sup> [www.aacounty.org/servicesand-programs/report-a-concern](http://www.aacounty.org/servicesand-programs/report-a-concern)



Maryland's General Permit for Stormwater Discharge from Industrial Facilities was added as a routine IDDE activity (Figure 2). Unlike routine surveys of commercial and industrial areas, visits to these County-owned sites were scheduled in advance with the County's Facilities Maintenance Division to ensure that LimnoTech would have access to these properties at the time of the visit.

At site visits, LimnoTech recorded general observations (i.e., land use, presence of building(s), parking) as well as information related to stormwater management on the property (i.e., relative amount of impervious area, presence of Best Management Practices [BMPs], and potential pollution generating activities such as vehicle washing and vehicle maintenance). When a potential pollution source was identified at a County-owned property, it was surveyed and recorded as described in Section 2.2. Brief site reports are found in Appendix D. All outfalls found during County-owned property visits were assessed as described in Section 2.1.





Figure 2: Map of County-owned Properties screened during FY 2021 IDDE activities.



### 3 Results

This section details the results of outfall assessments, visual surveys of commercial and industrial areas, and County-owned property visits conducted during the FY 2021 IDDE program.

#### 3.1 Outfall Assessments

A total of 210 outfalls were screened, including those on County-owned property and those which were revisited due to inconclusive results during prior years’ assessments (Appendix F). The outfall screening results are found in the *IDDE* table of the FY21 MS4 Geodatabase that is submitted with the FY21 MS4 Annual Report. The reviewer is referred to Appendix A of that FY21 MS4 Annual Report to access the *IDDE* geodatabase table.

During FY 2021, LimnoTech discovered 11 outfalls with notable structural or physical condition concerns which had the possibility to negatively impact or threaten stormwater infrastructure. Details regarding these structural concerns can be found in Appendix B and are summarized in Table 2.

**Table 2: Summary of structural, stormwater infrastructure concerns discovered during FY 2021 outfall assessments**

Local Outfall ID	Location of Outfall	Date Surveyed	MDE Outfall ID	CONCERNS
A11O006	Laurel, MD	4/20/21	AA16OUT002122	Outfall pipe is submerged and likely heavily sedimented; concrete structure is spalling.
L09O021	Glen Burnie, MD	9/23/20	AA16OUT001167	Cracking concrete; Broken end section; Significant erosion
L10O007	Millersville, MD	10/5/20	AA16OUT001369	Outfall and downstream stabilizing structure are in severe condition; Material(concrete, metal) is damaged and significant sedimentation is present.
M08O024	Glen Burnie, MD	9/16/20	AA16OUT000246	Cracking concrete
M09O060	Glen Burnie, MD	10/5/20	AA16OUT000644	Concrete of outfall structure is cracking and sections have collapsed into the 3-6 ft. incision which has been eroded downstream.
M11O047	Millersville, MD	9/23/20	AA16OUT002059	Cracking concrete
Q05O007	Glen Burnie, MD	9/16/20	AA16OUT000235	Excessive sediment (outfall approx. 80% filled)
Q10O015	Pasadena, MD	9/22/20	AA21OUT110042	Outfall pipe slightly flattened; not inhibiting flow
T15O001	Arnold, MD	11/24/20	AA16OUT001792	Material surrounding outfall structure has collapsed and is blocking the flowchannel.
T15O059	Arnold, MD	10/6/20	AA18OUT000002	Concrete has cracked and collapsed into downstream incision
U16O014	Arnold, MD	10/2/20	AA16OUT001240	Minor cracking on end section (does not yet warrant repair)





Dry weather flow was observed and sampled at 14 outfalls. The threshold limit was exceeded at just two outfalls when initially tested (Table 3). Dry weather flow was also observed at MDE Outfall ID AA21OUT110089 (Local Outfall ID T150020a) but could not be sampled due to accessibility constraints (could not gain access to locked fence gate); flow was not observed upstream in the storm drain system.

**Table 3: Summary of dry weather flows observed during FY 2021 outfall assessments**

Local Outfall ID	MDE Outfall ID	Parameter(s) detected during 1st test	Parameter(s) exceeding threshold limit(s) during 1st test	Parameter(s) exceeding threshold limit(s) during 2nd test	Illicit Discharge Detected?
S15O030	AA16OUT001442	None	None	n/a	No
N08O008	AA16OUT000634	None	None	n/a	No
N08O007	AA16OUT001776	None	None	n/a	No
N/A	AA21OUT110044	Chlorine, Detergents	Detergents	n/a	<b>Yes</b>
M09O063	AA16OUT002047	Chlorine, Fluoride	None	n/a	No
T17O016	AA16OUT001315	Ammonia, Fluoride	None	n/a	No
U16O009	AA16OUT002010	None	None	n/a	No
U16O026	AA17OUT000014	Fluoride	None	n/a	No
T15O020a	AA21OUT110089	n/a	n/a	n/a	No
N11O010	AA17OUT000079	Fluoride, Detergents	None	n/a	No
N11O011	AA17OUT000078	Ammonia, Fluoride	None	n/a	No
U15O002	AA16OUT001791	Fluoride	None	n/a	No
K02O016	AA16OUT001617	Chlorine, Fluoride	Chlorine	Chlorine	<b>Yes</b>
S07O017	AA16OUT000490	Fluoride	None	n/a	No
K10O018	AA16OUT001499	Fluoride, Chlorine	None	n/a	No

Dry weather flow at MDE Outfall ID AA21OUT110044 exceeded the action criteria for detergents during the first visit, and active vehicle washing was observed. At the time of the second visit, vehicle washing had ceased and no flow was present at the outfall. This outfall is located at South Glen Burnie Fire Co. 26 (a County-owned property). No site-specific report was generated because there was no flow observed upon the second visit, however



the fire company staff have been advised to prevent runoff from vehicle washing from entering the storm drain system.

Dry weather flow at MDE Outfall ID AA16OUT001617 (Local Outfall ID K020016) exceeded the action criteria for chlorine on the first visit and second visits. The contributing storm drain system was investigated, but no specific source was identified by LimnoTech field crews. A detailed site-specific report documenting this illicit discharge at Local Outfall ID K020016 is provided in Appendix A. No other illicit discharges were identified.

### 3.1 Routine Survey of Commercial and Industrial Areas

LimnoTech observed 10 possible upland pollution sources during routine visual surveys of approximately 50 commercial and industrial areas within the targeted outfall screening area. Table 4 provides a summary of these identified concerns and the locations are shown in Figure 3. Detailed findings are described in the site-specific reports found in Appendix C.

**Table 4: Summary of possible pollutant sources observed during FY 2021 visual surveys of commercial and industrial areas**

Approx. Address	Location Description	Date of Survey	Concern
7990 Crain Hwy, Glen Burnie, MD 21061	Behind Gabe's Discount Store	9/28/2020	Improper bulk solids storage
1701 Crain Hwy S, Glen Burnie, MD 21061	Behind La Trampita Restaurant	9/16/2020	Improper liquid storage
1701 Crain Hwy S, Glen Burnie, MD 21061	Behind Lindy Redding Heating and Air Conditioning	9/16/2020	Improper bulk solids storage
312 Hospital Dr, Ste D Glen Burnie, MD 21061	Behind Dollar General	9/16/2020	Waste management, improper bulk solid storage
558J Ritchie Hwy Severna Park, MD 21146	Lochmanns Plaza Shopping Center, Behind Strip of Stores	10/22/2020	Waste management
8229 Cloverleaf Dr., Millersville, MD 21108	Along bank of Cloverleaf Dr. Behind commercial complex	10/6/2020	Dumpsite
Four Leaf Clover Dr. Glen Burnie, MD 21061	End of Four Leaf Clover Dr. North of intersection with Four Acres Ct.	10/6/2020	Waste Management, improper liquid storage
4315 Mountain Rd, # F Pasadena, MD 21122	Behind Szechuan Café located near the Lakeshore Plaza shopping mall	11/9/2020	Improper liquid storage
8042 Ritchie Hwy Pasadena, MD 21122	Pasadena Crossing Shopping Mall; Behind vacant retail space between Party City and TJ Maxx	11/5/2020	Waste management
8038 Ritchie Highway, Pasadena, MD 21122	Pasadena Crossing Shopping Mall; Behind former Wolf's Mattress	11/5/2020	Waste management





**Figure 3: Map of possible upland pollutant sources observed during FY 2021 visual surveys of commercial and industrial areas**



### 3.2 County-owned Property Visits

A total of 31 County-owned and improved properties, mostly police and fire facilities, were visually screened for potential upland pollution source identification as well as storm drain outfall condition (if an outfall was found on-site) (Figure 2, Table 5). Stormwater maintenance needs and/or possible upland pollution source were identified at 19 of the County-owned properties visited by LimnoTech during FY 2021 (Table 6). The most common concern identified at these properties was liquids, typically large drums, stored outdoors without secondary containment. Washdown activities were noted as a possible concern when there was evidence that run-off drained directly into nearby storm drains. With the exception of vehicle washing at Fire Co. 26, no activities were observed resulting in pollution being actively generated while field teams were onsite.

Two County-owned properties, Fire Company No 10 Jacobsville Fire Station and Fire Company 40 WestAnnapolis Fire Station, were under construction at the time of their scheduled visit. Although no significant concerns were identified during the field visits, both fire stations are expected to be significantly altered by early FY 2022 at which time a revisit may be appropriate.

The Marley Fire Company 18 is an exemplary demonstration of stormwater management practices at a County-owned property. This facility features permeable pavement, a dry pond, and was excellently maintained. Firefighting staff confirmed that all potentially hazardous materials (e.g., fire-fighting foam) is stored in roofed facilities located onsite and are protected from weather. This facility would be an ideal site for the County to promote as a 'gold standard' during County trainings and/or when engaging in public education opportunities.



**Table 5: County-owned properties screened during FY 2021**

<b>Fire Stations</b>		
Fire Company 4 - Severn Fire Station	7870 Telegraph Road	Severn, MD 21144
Fire Company 5 - Waugh Chapel Fire Station	1300 Riedel Road	Gambrills, MD 21054
Fire Company 7 - Arundel Volunteer Fire Company	2380 Davidsonville Road	Gambrills, MD 21054
Fire Company 8 - Annapolis Neck	991 Bay Ridge Road	Annapolis, MD 21403
Fire Company 9 - Harwood/Lothian Fire Station	5165 Solomons Island Road	Lothian, MD 20711
Fire Company 10 - Jacobsville Fire Station	3725 Mountain Road	Pasadena, MD 21122
Fire Company 11 - Orchard Beach Volunteer Fire Company	7549 Solley Road	Glen Burnie, MD 21060
Fire Company 18 - Marley Volunteer Fire Company	7726 Baltimore & Annapolis Blvd.	Glen Burnie, MD 21060
Fire Company 19 - Cape St. Claire Volunteer Fire Company	1411 Cape St. Claire Road	Annapolis, MD 21409
Fire Company 20 - Lake Shore Fire Station (new)	4642 Mountain Road	Pasadena, MD 21122
Fire Company 20 - Lake Shore Fire Station (old)	4498 Mountain Road	Pasadena, MD 21122
Fire Company 21 - Harmans/Dorsey Fire Station	1367 Dorsey Road	Hanover, MD 21076
Fire Company 23 - Jones Station Fire Station	960 Ritchie Highway	Severna Park, MD 21146
Fire Company 26 - South Glen Burnie Fire Station	7880 South Crain Highway	Glen Burnie, MD 21061
Fire Company 27 - Maryland City Volunteer Fire Company	3498 Fort Meade Road	Laurel, MD 20724
Fire Company 29 - Jessup Volunteer Fire Company	7891 Max Blobs Park Road	Jessup, MD 20794
Fire Company 30 - Armiger Fire Station	304 Mountain Road	Pasadena, MD 21122
Fire Company 31 - Brooklyn Park Volunteer Fire Company	5100 Ritchie Highway	Brooklyn Park, MD 21225
Fire Company 32 - Linthicum Volunteer Fire Company	P.O. Box 248 309 South Camp Meade Road	Linthicum Heights, MD 21090
Fire Company 40 - West Annapolis	121 Jennifer Road	Annapolis, MD 21401
Fire Headquarters	8501 Veterans Highway	Millersville, MD 21108
Fire Training Academy	415 Maxwell Frye Road	Millersville, MD 21108
<b>Police Stations</b>		
Police Headquarters	8495 Veterans Highway	Millersville, MD 21108
Northern District Police Station	939 Hammonds Lane	Brooklyn Park, MD 21225
Southern District Police Station	35 Stepneys Lane	Edgewater, MD 21037
Police Eastern District	204 Pasadena Road	Pasadena, MD 21122
Police Western District	8273 Telegraph Road	Odenton, MD 21113
Charles B. Butch Troyer Training Center	3737 Elmer F. Hagner Lane	Davidsonville, MD 21035
<b>Other Facilities</b>		
Animal Care and Control	411 Maxwell Frye Rd	Millersville, MD 21108
County Warehouse	8307-8313 Grover Rd	Millersville, MD
County Vehicle Maintenance Facility	8435 Maxwell Frye Rd	Millersville, MD



**Table 6: Stormwater maintenance needs and/or possible pollution source identified during FY 2021 County-owned property visits**

County-Owned Property	Date of Survey	Concern
Fire Company 4 - Severn Fire Station	9/16/2020	Improper liquid storage
Fire Company 7 - Arundel Volunteer Fire Company	10/7/2020	Improper bulk storage; improper liquid storage
Fire Company 8 - Annapolis Neck	10/7/2020	Improper bulk storage; improper liquid storage
Fire Company 9 - Harwood/Lothian Fire Station	10/7/2020	Improper bulk storage
Fire Company 11 - Orchard Beach Volunteer Fire Company	9/15/2020	Waste Management; stormwater maintenance
Fire Company 19 - Cape St. Claire Volunteer Fire Company	9/22/2020	Improper bulk storage
Fire Company 21 - Harmans/Dorsey Fire Station	9/16/2020	Washdown activity
Fire Company 26 - South Glen Burnie Fire Station	9/23/2020	Washdown activity
Fire Company 27 - Maryland City Volunteer Fire Company	9/16/2020	Improper liquid storage
Fire Company 29 - Jessup Volunteer Fire Company	9/16/2020	Stormwater maintenance
Fire Headquarters	9/23/2020	Improper liquid storage
Fire Training Academy	9/23/2020	Stormwater maintenance; improper solids storage; improper liquid storage
Northern District Police Station	9/15/2020	Stormwater maintenance
Southern District Police Station	10/7/2020	Washdown activity
Police Eastern District	9/22/2020	Stormwater maintenance
Police Western District	9/16/2020	Improper liquid storage
Charles B. Butch Troyer Training Center	10/7/2020	Stormwater maintenance; improper bulk storage
County Warehouse	9/23/2020	Washdown activity; improper bulk storage; improper liquid storage
County Vehicle Maintenance Facility	9/23/2020	Washdown activity; improper bulk storage; improper liquid storage



## 4 Summary and Conclusions

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In support of Anne Arundel County's NPDES permit requirements (Condition IV.D.3.a, Illicit Discharge Detection and Elimination, NPDES municipal stormwater permit #MD0068306), LimnoTech successfully screened 210 outfalls for the FY 2021 reporting period and revisited an additional 12 which were inconclusive during the previous reporting periods (2016-2020). The outfall screening results are found in the *IDDE* table of the FY21 MS4 Geodatabase that is submitted with the FY21 MS4 Annual Report. The reviewer is referred to Appendix A of that FY21 MS4 Annual Report to access the *IDDE* geodatabase table. Table 7 contains a summary of the physical and chemical parameters evaluated during the initial assessment of all outfalls screened.

Of the outfalls containing dry-weather flow which were screened by LimnoTech within the targeted areas of Anne Arundel County, two were determined to be illicit (i.e., yielding results above the action criteria for tested contaminants in two successive screenings) during the FY 2021 reporting period. One of these incidents was considered an illicit discharge since vehicle washing was observed to be the source of discharge even though no discharge was observed at the outfall upon the second visit (no site-specific report was generated for this incident). Therefore, Appendix A contains only a singular site-specific report of illicit discharge. LimnoTech also reported 11 stormwater structures exhibiting structural concerns within the targeted areas of Anne Arundel County during the FY 2021 reporting period. Appendix B contains the site-specific reports of these findings.

Observations from screenings conducted at County owned improved properties will be used to inform the development and implementation of Good Housekeeping Plans under the next generation MS4 permit. Good Housekeeping Plans will speak to vehicle washdown activities and material storage, two potential pollution sources observed during inspections of County-owned properties. Inspection reports from these screenings were also shared with the County's Facilities Construction and Planner Coordinator.

As a general observation, there were fewer illicit discharges detected during this reporting period than in previous years. While it is possible that the County is approaching an insignificant number of illicit connections to be detected and eliminated within the FY 2021 target screening area, it is more plausible that fewer illicit discharges occurred and/or were detected during FY 2021 as a result of drastic societal changes observed during the COVID-19 pandemic. Concurrent with the screening period, commercial and industrial activities slowed and a significant portion of the population remained isolated within residential areas.

As required in Condition IV.D.3.b, the Illicit Discharge Detection and Elimination field program included visual screening of approximately 50 commercial and industrial areas, comprised of multiple businesses, within the target areas to determine if any upland pollutant sources were present. LimnoTech identified 10 potential pollutant sources during



the FY 2021 visual surveys. Appendix C contains details of these findings.

As required by Conditions IV.D.3.c and d, Anne Arundel County used appropriate enforcement procedures to correct any illicit discharge, upland pollutant source, spill, or illegal dumping activities identified within the County. Table 8 in The Corrections and Enforcement Actions section of this report (Section 5) describes follow-up actions in further detail for the problems identified during the illicit discharge inspections and routine survey of commercial and industrial drainage catchments.

Stormwater infrastructure and maintenance practices at 31 County-owned sites, mostly police and fire facilities, were visually surveyed as part of the FY 2021 IDDE program activities. Stormwater maintenance needs and/or possible pollution source were identified at 19 of the County-owned Properties visited by LimnoTech during FY 2021. The most common concern identified at these properties was liquids, typically large drums, being stored outdoors without secondary containment. Appendix D contains details of the findings at all properties visited.

The County's illicit discharge detection and elimination program has been successful in the identification and removal of a wide variety of sources of pollutants, including illicit connections, upland pollutant sources, dumping, and spills. At this time, no recommendations are being made for improvements to the program.





**Table 7: Summary of physical and chemical parameters evaluated during FY 2021 initial outfall screenings**

Condition	Number of Outfalls
Observable Flow	15
Chlorine present	4
Detergents present	2
Ammonia present	2
Fluoride present	10
Excessive vegetation	7
Algae growth	27
Cloudy water	1
Outfall damaged or buried	11
Concrete cracking	5
Concrete spalling	1
Sediment deposits	74
Moderate erosion	16
Severe erosion	16
Oil sheen	0
Trash present	1
Odor present	6
Non-clear water color	1



## 5 Corrections and Enforcement Actions

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Table 8 details all illicit discharge, upland pollution, and infrastructure concerns arising from the permit-required dry-weather screening of outfalls and routine visual surveys of commercial and industrial drainage areas during the reporting year. In addition, Table 8 may include cases referred to the County from other government agencies (e.g., MDE, EPA), or concerns that are discovered internally by BWPR staff. Table 9 contains details of FY 2021 enforcement actions taken on previously unresolved IDDE program cases. Documentation of additional FY 2021 complaints received by I&P, related to potential illicit discharges, dumping, and/or spills, are found in Appendix E.

As is presented in Table 8, significant findings from the FY 2021 field investigations were sent to the responsible authorities for action. Site-specific reports of potential illicit connections and upland pollutant sources (e.g., leaking or overflowing dumpsters) identified during the investigations for the FY 2021 reporting period were referred to either I&P or to the County Health Department. As noted in Section 1, the Health Department focus was redirected to the COVID-19 pandemic response in March 2020. At that time, I&P opened follow-up investigation and enforcement action for those findings that would usually be addressed by the Health Department. In September 2020 the Department of Health resumed investigating complaints of non-COVID nature. Structural issues identified during the reporting period were forwarded to SIP to determine ownership of the infrastructure; then, either SIP or I&P would respond, depending on their areas of responsibility. The SIP or I&P Departments addressed the problems based on whether the infrastructure was publicly or privately owned, respectively. Occasionally, complex cases from prior reporting periods were not resolved in time for a particular year's summary report; such cases are typically reported as unresolved. Table 9 provides details regarding the resolution of cases described in previous reporting years.

I&P applies a phased approach to eliminating and enforcing illicit storm drain discharges. Phase 1 Enforcement consists of a Violation Notice sent by first class and certified mail to the property owner. The Phase 1 Violation Notice includes an explanation of the violation and requests a written commitment to immediately cease the illicit discharge. Upon written receipt of the commitment to comply, the Department monitors the site for up to 60 days. If compliance is maintained, the violation is considered abated. Should the Department fail to receive written commitment to comply, or if further violations are observed, the Department proceeds to Phase 2 Enforcement. At the Phase 2 Enforcement level, the Department posts a Stop Work Order on the property and issues a \$1000 civil citation to the property owners. The civil citation must be paid and the violation abated or the civil citations are litigated in court.



The Anne Arundel County Department of Health may choose to issue civil citations for violations relating to “poor housekeeping” for those facilities under their jurisdiction. After a citation is issued, it is attempted to be served by a third-party server. Upon service, the property owner has 20 days to pay the fine and correct the violation, or 15 days to elect - via written response - to stand trial. After 20 days have passed since the initial inspection, the property is re-inspected for compliance. If the citation was unable to be served, the property is re-inspected immediately after receiving notice it was unable to be served. If violations remain at that point, the Department of Health may file for injunction. Once a citation or injunction is referred to the Office of Law, the property is re-inspected every 30 days until the trial date or until the violation is corrected. In FY 2021, the Department of Health issued 3 civil citations for violations stemming from IDDE-related visual watershed surveys. At the end of the FY 2021, two civil citations had been responded to and violations corrected without further enforcement action; there had been no response to one citation.

In response to the NPDES MS4 permit-required outfall screenings and visual watershed surveys the County opened one compliance case related to IDDE concerns in FY 2021, which was resolved by the end of the fiscal year. Ten investigations were opened by the County’s Department of Health in response to IDDE upland pollution concerns; all but one was resolved at the conclusion of FY 2021. All 11 reports of infrastructure concern were submitted to the County at once on June 29, 2021 and therefore remained unresolved at the conclusion of FY 2021. Table 8 details the enforcement actions and resolutions associated with these 22 cases. Table 9 details enforcement actions and resolutions to investigations opened in previous years that remained open at the beginning of FY2021; four cases related to erosion and structural issues opened during the previous reporting years remained unresolved at the conclusion of FY 2021.

During FY 2021 the County responded to an additional 36 environment section complaints. Details of these complaints and County staff actions are provided in Appendix E which contains inspection compliance database reports from the I&P Case Manager Complaint Tracking System for illicit connections, upland pollutant sources, or environmental hotline complaints relevant to this report. These reports detail County efforts in determining if remediation is necessary and what subsequent action was taken.



**Table 8. Significant Findings from Field Investigations**

ILLICIT DISCHARGES					
Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
April 20, 2021	E-2021-242	K02O016 611 Hammonds Ferry Road, Linthicum Heights, MD 21090	<p>Outfall K02O016 was first visited by LimnoTech at 12:00 pm on April 20, 2021 and was found to be flowing. Rate of flow was relatively low, but consistent. The flow did not have any color, was not obviously odorous, and no signs of illicit activities (e.g. washing) were identified. Iron floc was observable in the area of the outfall, but was not in excess. This flow was tested for fluoride, phenols, ammonia, chlorine, detergents, and copper. Water temperature and pH were also recorded. Chlorine was detected above the IDDE threshold (0.4 mg/L) at a concentration of 3.4 mg/L. No other parameters were detected above their respective IDDE thresholds. The outfall was revisited later that day, at 4:00 pm, and had similar amount of flow but had a distinct chlorine odor. When obtaining the sample, bubbles were produced in the collection bottle when the sample was agitated. The flow observed during the second visit was tested for all previously screened parameters (i.e. fluoride, phenols, ammonia, chlorine, detergents, copper, water temperature, pH). Chlorine was again detected (2.4 mg/L) above the IDDE threshold. No other parameters were detected above their respective IDDE thresholds.</p> <p>In an attempt to locate the source of this illicit flow, the LimnoTech team investigated upstream stormdrain inlets. Stormdrain inlet 1 was flowing at similar volumes to the outfall, and the majority of the flow was coming from the previously unidentified storm pipe between inlets 1 and 3. The team investigated inlets 2 and 3 and both were found to be dry so the flow is most likely introduced to the system somewhere between inlets 1 and 3. There was no evidence of activities occurring nearby that might have contributed to this discharge. Once discovered, field staff reported the illicit discharge to the County’s Environmental Hotline by phone on April 20, 2021.</p>	<p><b>4-21-2021:</b> Received by BWPR from LimnoTech. <b>4-21-2021:</b> Forwarded to I&amp;P for further investigation. <b>4-21-2021:</b> Investigated by I&amp;P. The inspector was only able to locate water flowing in the two inlets directly upstream of outfall K02O016. There was no surface flow in the parking lot. There were no pipes in the inlets that looked like they could be coming from the buildings. Utilities has been notified to test for a water leak. Inspector will keep monitoring the outfall. <b>4-27-2021:</b> Follow up investigation by I&amp;P. The outfall was tested again. The result for chlorine was 1.0 mg/L. Utilities has been notified. Waiting for response from utilities. Inspector will continue to monitor the site. <b>5-4-2021:</b> Follow up investigation by I&amp;P. Inspector tested the water at the outfall for chlorine and the test result was 3.4 mg/L. County utilities department said the public side of the water line was functioning properly. Inspector is sending a correction notice to the property owner to locate the source of the chlorine in the storm drain system. <b>5-5-2021:</b> Correction notice sent to property owner by I&amp;P. <b>6-1-2021:</b> Inspector received an email from the property manager. Inspector was told the source was located and that the tenet was informed to stop. <b>6-4-2021:</b> Follow up visit by I&amp;P. Inspector sampled discharge; result for chlorine was 3.4 mg/L. Inspector is going to have a meeting with the property manager on site.</p>	<b>RESOLVED</b>



**ILLCIT DISCHARGES**

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
	E-2021-242		<i>Cont.</i>	<p><b>6-9-2021:</b> I&amp;P Inspector met with property/maintenance manager. There was still a steady flow in the two inlets directly upstream of the outfall that tested positive for chlorine. Inspector and manager did smell chlorine at the loading dock for the soft wash company and at the outfall. There may be two sources of chlorine (water leak and soft wash). The constant flow will need to be investigated, and the soft wash company will need to be investigated. Will discuss the situation with supervisor on Monday 6/14/2021.</p> <p><b>6-15-2021:</b> Follow up inspection by I&amp;P. Discharge at outfall tested 3.4 mg/L for chlorine. Inspector observed soft wash company washing their trucks in the parking lot; wash water was making its way to the storm drain system that leads to the outfall. The wash water was tested before it entered the storm drain system and it also tested 3.4 mg/L chlorine. Inspector spoke to the manager for the soft wash company. The manager stated that they wash the trucks off on site at the end of the day but they do wash them off periodically in the business park. Inspector instructed the manager to stop washing vehicles at the business park and minimize spillage when filling trucks. The manager of the soft wash company said they would comply. Inspector will continue to monitor the chlorine levels.</p> <p><b>6-25-2021:</b> Inspector went to site on 6/25/2021. The outfall no longer smells like chlorine and the water sample tested 0.2 mg/L chlorine, which is below the action level. Will monitor one more time before closing the case.</p> <p><b>6-29-2021:</b> Inspector went to the site on 6/29/2021. Inspector tested the outfall for chlorine and the result was 0.0 mg/L. There was no evidence of the soft wash company washing their trucks in the parking lot. At this time the case is closed.</p> <p><b>CASE CLOSED</b></p>	



**UPLAND POLLUTION**

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
9-16-2020		312 Hospital Dr. Glen Burnie, MD	While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind the Glen Burnie Dollar General at 312 Hospital Drive, citing waste management and improper bulk solid storage concerns. The team investigated the site at 1:06 pm on September 16, 2020. In the alley behind the Dollar General store, the field crew noted an uncovered and overflowing dumpster with adjacent trash on the ground and several uncovered carts storing cardboard and other solid waste. Although bulk storage is open, it is unlikely to reach a storm drain due to size and weight. However, leachate or loose trash from the overflowing dumpster is likely to flow downgradient to the nearest storm inlet, approximately 75 feet north, or directly into the adjacent natural area, approximately 90 feet north.	<p><b>9-22-2020:</b> Received by BWPR from Limnotech.  <b>9-24-2020:</b> Forwarded to Health Department for further investigation.  <b>10-2-2020:</b> Investigated by Health Department. No violations found.</p> <p><b>CASE CLOSED</b></p>	RESOLVED
9-16-2020		1701 Crain Hwy S, Glen Burnie, MD	While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind La Trampita Restaurant at 1701 Crain Hwy S, citing improper liquid storage concerns. The team investigated the site at 1:14 pm on September 16, 2020. Behind the restaurant, the field team found a grease storage container with grease stains on the adjacent pavement, indicating leakage. Leaking liquid is likely to flow down gradient to the storm inlet at the bottom of the adjacent driveway. Grease may also flow directly into the adjacent natural area, approximately 115 feet northeast.	<p><b>9-22-2020:</b> Received by BWPR from Limnotech.  <b>9-24-2020:</b> Forwarded to Health Department for further investigation.  <b>10-2-2020:</b> Investigated by Health Department. Found to have violations with dumpsters and grease barrels area needing cleaning. Area around the grease barrel and dumpster must be cleaned.  <b>11-12-2020:</b> Follow up inspection by Health Department. Area around the grease barrel and dumpster have been cleaned and a new dumpster will be delivered later this week by WM.  <b>11-16-2020:</b> Delivery of new dumpster delayed due to COVID. 3rd inspection to take place the week of Nov. 23.  <b>11-24-2020:</b> Follow up inspection by Health Dept. No violations found.</p> <p><b>CASE CLOSED</b></p>	RESOLVED



**UPLAND POLLUTION**

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
9-16-2020		1701 Crain Hwy S, Glen Burnie, MD	While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind Lindy Redding Heating and Air Conditioning at 1701 Crain Hwy S, citing improper bulk solid storage concerns. The team investigated the site at 1:13 pm on September 16, 2020. Behind the building, the field team noted several pieces of sheet metal, foam, and other materials stored uncovered on a sloped driveway. Although bulk storage is uncovered, the materials are unlikely to enter a storm drain due to size and weight. However, smaller debris and leachate will flow to the storm drain located at the bottom of the driveway.	<p><b>9-22-2020:</b> Received by BWPR from Limnotech.  <b>9-24-2020:</b> Forwarded to Health Department for further investigation.  <b>10-1-2020:</b> Investigated by Health Department. Area in question was observed to be clean, no trash or bulk items observed. No violations found.</p> <p><b>CASE CLOSED</b></p>	<b>RESOLVED</b>
9-23-2020		7990 Crain Hwy Glen Burnie, MD	While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind Gabe’s discount store, citing improper bulk solid storage concerns. The team investigated the site at 3:20 pm on September 23, 2020. Behind the store the LimnoTech team identified bulk cardboard storage that was deteriorating and potentially entering the nearby catch basin. This location also had minor trash from an enclosed dumpster, as well as pallet storage.	<p><b>9-28-2020:</b> Received by BWPR from Limnotech.  <b>9-29-2020:</b> Forwarded to Health Department for further investigation.  <b>12-27-2020:</b> Investigated by Health Department. Notice of violation issued, reinspection pending.  <b>2-2-2021:</b> Follow up inspection by Health Dept. Violations not corrected. Civil citation issued.  <b>7-1-2021:</b> Citation has not been responded to; violations still exist.</p> <p><b>CASE OPEN</b></p>	<b>UNRESOLVED</b>
10-6-2020		Four Leaf Clover Dr. Glen Burnie, MD 21061	While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind at the end of the Four Leaf Clover Drive, just north on the intersection with Four Acres Ct. The team investigated the site at 2:40 pm on October 6th, 2020, and identified approximately nine five-gallon containers of ‘Color Release’ dumped at the end of Four Acres court. One of the buckets was in a black secondary containment vessel, but was still open to the elements. The buckets appear to be empty, however they all had lids and may have retained some residual contents. They team also observed a brown and sludge like discoloration in the area near the buckets. There is a vegetated area between the buckets and the nearest storm inlet, so it’s uncertain how likely these materials will directly enter storm water.	<p><b>9-22-2020:</b> Received by BWPR from Limnotech.  <b>10-9-2020:</b> Forwarded to Health Department for further investigation.  <b>10-23-2020:</b> Investigated by Health Department. Multiple 5-gallon buckets on the ground. Observed a large black box that had leaking fluids on the inside with two other buckets and a tarp with a white substance on the ground with other litter. Also observed two abandoned vehicles. Notice of violation issued. Inoperable vehicles referred to Zoning Enforcement.  <b>12-02-2020:</b> Follow up inspection by Health Dept. Violations not corrected.  <b>1-11-2021:</b> Civil Citation issued.  <b>5-24-2021:</b> Citation responded to. Re-inspection reveals violations corrected, citations nol-processed.</p> <p><b>CASE CLOSED</b></p>	<b>RESOLVED</b>



**UPLAND POLLUTION**

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
10-6-2020		8229 Cloverleaf Dr. Millersville, MD 21108	While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind in a vegetated area behind the commercial complex on Cloverleaf Dr. The team investigated the site at 1:45 pm on October 6th, 2020, and identified notable amounts of trash dumbered including: two unlabeled and seemingly empty blue 55-gallon drums; and two unlabeled white 30-gallons drums. One of the blue 55 gallons drums no longer had a lid and was empty. The other drums appear to be empty, but field crew was unable verify. The dumpsite is in a vegetated area and is lower in elevation to nearly storm inlets. Enter the waterways would likely occur via surface or subsurface transfer to the nearby branch of Marley Creek which is located approximately 250 feet north of the dumpsite.	<p><b>9-22-2020:</b> Received by BWPR from Limnotech.</p> <p><b>10-9-2020:</b> Forwarded to Health Department for further investigation.</p> <p><b>10-21-2020:</b> Investigated by HD. Inspector observed multiple 55-gallon drums throughout the wooded area along with other litter in the wooded area observed. Notice of Violation to be issued.</p> <p><b>11-24-2020:</b> Notice of Violation issued.</p> <p><b>1-11-2021:</b> Follow up inspection by Health Dept. Violations not corrected. Civil Citation issued.</p> <p><b>5-13-2021:</b> Citation responded to. Re-inspection reveals violations corrected, citations nol-processed.</p> <p><b>CASE CLOSED</b></p>	<b>RESOLVED</b>
10-22-2020		558 Ritchie Highway Severna Park, MD 21146	While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind a strip of stores located in the Lochmanns Plaza Shopping Center on Governor Ritchie Highway. The team investigated the site at 11:50 am on October 22nd, 2020, and identified a dumpster with trash outside and scattered on the pavement and grass area surrounding the dumpster. The teams also observed discoloration of the pavement in the area under and immediate around the dumpster. The dumpster is located approximately 30 feet from an inlet to the south east, which provides a likely entry point for trash to enter waterways via an outfall into to North Cypress Branch.	<p><b>11-19-20:</b> Investigated by HD. Inspector observed an accumulation of trash/litter. Notice of Violation to be issued.</p> <p><b>1-4-2021:</b> Follow up inspection by Health Department. No violations noted.</p> <p><b>CASE CLOSED</b></p>	<b>RESOLVED</b>
11-5-2020		8038 Ritchie Highway, Pasadena MD 21122	While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind a strip of stores located in the Pasadena Crossing Shopping Mall located off of Ritchie Highway. The team investigated the site at 10:30 am on November 5, 2020, and identified loose trash at the end of a trash compactor chute. No dumpster was present to collect and contain trash. This potential pollution “hotspot” is approximately 250 feet from the nearest storm drain inlet. A sign on the Wolf Furniture and Mattress storefront states that the shop has recently closed permanently. Pollution is therefore considered unlikely to continue in the immediate future.	<p><b>11-20-20:</b> Investigated by HD. Inspector observed an accumulation of trash/litter. Notice of Violation to be issued.</p> <p><b>12-3-20:</b> Follow-up inspection by Health Department. No violations observed.</p> <p><b>CASE CLOSED</b></p>	<b>RESOLVED</b>





**UPLAND POLLUTION**

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
11-5-2020		8042 Ritchie Highway, Pasadena MD 21122	While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind a strip of stores located in the Pasadena Crossing Shopping Mall located off of Ritchie Highway. The team investigated the site at 10:50 am on November 5, 2020, and identified a container of an unknown ‘Dryvit’ brand product spilled. The product, possibly an outdoor insulation material, is believed to be a liquid initially which hardens into a stiff but slightly crumple solid. It appears to have accidentally spilled and hard hardened in 3 notable patches approximately 2 ft in diameter with several other smaller patches scattered over a 30ft area. Two of the notable patches were bright blue in color; the other gray. The blue color product matches that used on the storefront.	<p><b>11-20-20:</b> Investigated by HD. Inspector observed spilled material noted in report. Notice of Violation to be issued.</p> <p><b>12-3-20:</b> Follow-up inspection by Health Department. No violations observed.</p> <p><b>CASE CLOSED</b></p>	RESOLVED
11-9-2020		4315 Mountain Rd # F, Pasadena, MD 21122	While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind the Szechuan Café. The team investigated the site at 10:00 am on November 9th, 2020, and identified two potential sources of oil/grease leaks. Staff identified one 55-gallon drum, and one grease trap as potential sources of oil/grease pollution to receiving waters via surface runoff onto parking lot. Both the drum and tank had visual staining of oil/grease resulting from a constant leak or periodic spilling.	<p><b>11-13-2020:</b> Received by BWPR from Limnotech.</p> <p><b>11-13-2020:</b> Forwarded to Health Department for further investigation.</p> <p><b>11-18-2020</b> Site visit by HD. Inspector spoke to manager about the violations. Manager stated he would have the area cleaned.</p> <p><b>11-19-2020:</b> Manager emailed photos to HD inspector showing area clean up.</p> <p><b>11-20-2020:</b> Site visit by HD inspector shows that the area was cleaned. Case is closed.</p> <p><b>CASE CLOSED</b></p>	RESOLVED



## EROSION AND STRUCTURAL ISSUES

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
9-16-2020		313 Hospital Dr, Glen Burnie, MD 21061	Outfall M08O024 is located in the North Arundel Health And Rehabilitation Center property near the southwest corner of the building. This outfall is experiencing cracking and spalling and is resulting in significant downstream erosion. The outfall looks to be at the same elevation as the land upstream towards the building, but the downstream area is much lower in elevation, and the flow falls a significant distance before continuing downstream. Rip rap is present in the discharge area, but previous erosion looks to have already affected this outfall.	<p><b>6-29-2021:</b> Received by BWPR from Limnotech.  <b>7-1-21:</b> Forwarded to SIP for further investigation.</p> <p><b>CASE OPEN</b></p>	<b>UNRESOLVED</b>
9-16-2020		7549 Solley Rd, Glen Burnie, MD 21060	Outfall Q05O007 is located at the Orchard Beach Fire Co. 11. The outfall is in good structural condition (i.e. no apparent damage) however excessive sedimentation blocks approx. 80% of the pipe thereby severely restricting flow	<p><b>6-29-2021:</b> Received by BWPR from Limnotech.  <b>7-1-21:</b> Forwarded to SIP for further investigation.</p> <p><b>CASE OPEN</b></p>	<b>UNRESOLVED</b>
9-22-2020		830 Pasadena Rd, Pasadena, MD 21122	Outfall Q10O015 is located at Lake Waterford Park; at the eastern edge of Lake Waterford near Baltimore Annapolis Blvd. The outfall is slightly flattened such that it is artificially wider than it is tall. Structural condition is not likely to restrict flow.	<p><b>6-29-2021:</b> Received by BWPR from Limnotech.  <b>7-1-21:</b> Forwarded to SIP for further investigation.</p> <p><b>CASE OPEN</b></p>	<b>UNRESOLVED</b>
9-23-2020		415 Maxwell Frye Rd Millersville, MD 21108	Outfall M11O047 is located in the rear of the Fire Department Training Division. This outfall was located behind a fence and was inaccessible, but the outfall was visible and showed some signs of cracking.	<p><b>6-29-2021:</b> Received by BWPR from Limnotech.  <b>7-1-21:</b> Forwarded to SIP for further investigation.</p> <p><b>CASE OPEN</b></p>	<b>UNRESOLVED</b>
9-23-2020		8060 Crainmont Dr, Glen Burnie, MD 21061	Outfall L09O012 is located in a residential area of Glen Burnie between Kramer Ct and Green Orchard Rd. Severe erosion has occurred surrounding Outfall L09O021 and downstream. The pipe has broken and the end section of the outfall collapsed.	<p><b>6-29-2021:</b> Received by BWPR from Limnotech.  <b>7-1-21:</b> Forwarded to SIP for further investigation.</p> <p><b>CASE OPEN</b></p>	<b>UNRESOLVED</b>
10-2-2020		370 Shore Acres Rd, Arnold, MD 21012	Outfall U16O014 is located near Shore Acres Road in the rear of the Providence Center property. No immediate concerns were identified, but the concrete on the top of the outfall has evidence of some cracking and there is significant sediment and debris downstream of the pipe. This sediment and debris is not clogging the pipe completely and does allow flow, but is restricting flow within the outfall structure.	<p><b>6-29-2021:</b> Received by BWPR from Limnotech.  <b>7-1-21:</b> Forwarded to SIP for further investigation.</p> <p><b>CASE OPEN</b></p>	<b>UNRESOLVED</b>



## EROSION AND STRUCTURAL ISSUES

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
10-5-2020		7896 Tall Pines Ct, Glen Burnie, MD 21061	Outfall M09O060 is located within 'The Forest Apartments' complex. The outfall structure is currently stable but its overall condition has been previous degraded. There is evidence of collapsed pipe and severe downstream erosion (3-6 ft) is present.	<b>6-29-2021:</b> Received by BWPR from Limnotech. <b>7-1-21:</b> Forwarded to SIP for further investigation.  <b>CASE OPEN</b>	<b>UNRESOLVED</b>
10-5-2020		8203 Cloverleaf Dr. Millersville, MD 21108	Outfall L10O007 is located near the intersection of Four Leaf Clover Drive and Cloverleaf Drive (Figure 1). The outfall and its structure are in poor condition. Concrete and metal are both damaged and significant sedimentation is present (Figure 2). Although outfall compression and sedimentation are expected to restrict flow is was not entirely blocked at the time of LimnoTech visit. Similarly, although the stabilizing and trash trap structure just downstream of Outfall L10O007 is damaged, it appears to still retain some (suboptimal) functionality. A neighboring outfall (L10O01) is eroded but appears stable.	<b>6-29-2021:</b> Received by BWPR from Limnotech. <b>7-1-21:</b> Forwarded to SIP for further investigation.  <b>CASE OPEN</b>	<b>UNRESOLVED</b>
10-6-2020		325 Kimwood Rd Arnold, MD 21012	Outfall T15O059 is located in a residential area off of College Parkway in Arnold, Maryland. The outfall pipe is in good structural condition however the reinforced flow path downstream of Outfall T15O059 has collapsed and severe erosion is present downstream.	<b>6-29-2021:</b> Received by BWPR from Limnotech. <b>7-1-21:</b> Forwarded to SIP for further investigation.  <b>CASE OPEN</b>	<b>UNRESOLVED</b>
11-24-2020		305 College Pkwy Arnold, MD 21012	Outfall T15O001 is located at Future Care – Chesapeake, a residential rehabilitation facility. The outfall, which drains to a stormwater pond, has collapsed. A result significant amount of outfall sedimentation and downstream erosion has occurred.	<b>6-29-2021:</b> Received by BWPR from Limnotech. <b>7-1-21:</b> Forwarded to SIP for further investigation.  <b>CASE OPEN</b>	<b>UNRESOLVED</b>



**EROSION AND STRUCTURAL ISSUES**

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
4-20-2021		198 Laurel Race Track Rd Laurel, MD 20725	<p>Outfall A11O006 is located at the Laurel Race Track just north of Fort Meade Road. Although the outfall was submerged and was not visible to LimnoTech staff on the day of their visit, significant amounts of leaf litter and small debris suggest that the outfall is heavily sedimented. The concrete of the outfall structure is spalling.</p> <p>Note: Although not visible, LimnoTech staff assumed that Outfall A11O006 is present based upon the presence of the outfall structure. LimnoTech also looked inside the only inlet that is supposedly connect to this outfall. Standing water and debris were present but LimnoTech could not confirm there a pipe connecting inlet and outfall. LimnoTech did notice a pipe coming in (which was not part of the reference GIS layer) from the direction of the Laurel Race Track (about 90 degrees from the direction of the outfall). LimnoTech also noted a storm water pond across the street from the inlet. Based upon recent development surrounding this outfall it seems plausible that the infrastructure here may have been changed and that this outfall may be defunct.</p>	<p><b>6-29-2021:</b> Received by BWPR from Limnotech. <b>7-1-21:</b> Forwarded to SIP for further investigation.</p> <p><b>CASE OPEN</b></p>	<p align="center"><b>UNRESOLVED</b></p>



**Table 9. Resolution of Cases Described in Previous Reporting Years**

ILLCIT DISCHARGES					
Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
May 13, 2020	E-2020-328	P20O003 104 Marquise Ln Annapolis, MD	<p>On May 13, 2020, a Versar field team inspected outfall P20O003, which is located behind 104 Marquise Lane, as part of annual outfall screening efforts. At 2:30 p.m., the Versar crew found flowing discharge at the 48-inch reinforced concrete pipe outfall. The crew obtained a sample of the discharge at the mouth of the outfall, to test for illicit discharge indicators. The result for chlorine was above the program threshold, at 0.6 mg/L; detergents were also detected at 0.1 mg/L, but was not above the action level.</p> <p>The team returned to the site at 1:00 a.m. on May 14 and found continued flowing conditions at the outfall. The team obtained a sample of the discharge water at the outfall and tested the sample for program parameters. The test results indicated that the concentration of chlorine was 0.4, which was equal to the program action level. Detergents were also detected, but at 0.25 mg/L was below the program threshold. Staff reported the potential illicit discharge to the Anne Arundel County pollution hotline on or about May 14.</p> <p>The field team initiated the trackdown procedure after the 2nd positive result for chlorine. The team did not open the four-way junction manhole immediately up-network from the outfall due to its position in the middle of the driving lanes of Riva Road. Investigation of inlets on Riva Road that feed to the four-way junction revealed them to be dry. The team tracked flowing water to a large parking lot in front of Annapolis High School and across Fred Stauffer Lane from Arundel Olympic Swim Center (2690 Riva Road). Test results from water samples drawn from access points along Fred Stauffer Lane and within the parking lot were below action levels for chlorine (0.05 to 0.15 mg/L) and detergents (0.25 to 0.40 mg/L). Staff could not ascertain the source of elevated chlorine at the outfall.</p>	<p><b>5-13-2020:</b> Complaint reported to County's Environmental Hotline by Versar.</p> <p><b>5-21-2020:</b> Report received from Versar by WPRP.</p> <p><b>5-21-2020:</b> Report forwarded to I&amp;P for further investigation.</p> <p><b>5-21-2020:</b> Investigated by I&amp;P. Inspector observed still, not flowing, water at the outfall pipe. Samples tested at the outfall did not show any levels of chlorine or detergents. Inspector will continue to monitor and collect samples from the site.</p> <p><b>7-2-2020:</b> Follow up inspection by I&amp;P. Samples taken from the site showed no detergents or chlorine. Will continue to monitor, with next site visit scheduled for week of 7/20/20.</p> <p><b>7-22-2020:</b> Follow up inspection by I&amp;P. Samples taken from the site showed no elevated levels of detergents or chlorine.</p>	<p><b>RESOLVED</b></p> <p><b>CASE CLOSED</b></p>



**ILLCIT DISCHARGES**

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
May 27, 2020	E-2020-361	F09O005 2631 Annapolis Road (MD Rt 175) Hanover, MD	<p>On May 27, 2020, a Versar field team inspected outfall F09O005, which is located southwest of the Shell gas station and car wash facility at 2631 Annapolis Road and Car Doc at 2633 Annapolis Road, in Hanover, MD, as requested by Anne Arundel County staff (as a revisit from several screenings in recent years). At 5:00 p.m., the Versar crew found flowing discharge at the 36-inch-wide reinforced concrete pipe outfall. The crew noted that the effluent was green and odorless. The crew obtained a sample of the discharge at the mouth of the outfall, to test for illicit discharge indicators. The result for surfactants (detergents) indicated a concentration above the program threshold, at 1.9 mg/L; other parameter results did not exceed criteria.</p> <p>The team returned to the site at 9:00 p.m. on May 27 and obtained a sample of the discharge water to test for program parameters. The test results indicated that the concentration of surfactants exceeded the program criteria, at 2 mg/L. The team conducted a trackdown of the stormwater network, as well as could be determined from previous surveys in the area and features evident at the site. Note that the County's digital data depicting the stormwater infrastructure in this area does not reflect the current conditions. The team surmised that the parcel occupied by the Shell gas station was the likely source of the illicit discharge. It is possible that water collected from the car wash, which would contain surfactants, is entering the stormwater system. One member of the team had conducted surveys at this outfall in previous years and noted that the outfall structure had been modified since 2016. In 2016, there was severe erosion at the outfall; in 2020, the team noted that the erosion in the area immediately adjacent to the outfall area had been repaired, but that there was evidence of severe erosion approximately 20 feet downstream of the outfall.</p>	<p><b>5-29-2020:</b> Report received by WPRP from Versar.</p> <p><b>6-1-2020:</b> Referred to I&amp;P for investigation.</p> <p><b>6-15-2020:</b> Inspected by I&amp;P. Confirmed detergent discharge from car wash. Inspector spoke with store manager and instructed manager to cease car washing activity until illicit discharge is resolved.</p> <p><b>6-16-2020:</b> Correction notice sent to property owner to shut down car wash for potential maintenance issues.</p> <p><b>10-15-2020:</b> I&amp;P informed by property owner that necessary repairs had been made.</p> <p><b>10-26-2020:</b> Follow up inspection by I&amp;P. No issues found.</p> <p><b>1-14-2021:</b> Follow up inspection by I&amp;P. No issues found.</p> <p><b>CASE CLOSED</b></p>	<p align="center"><b>RESOLVED</b></p>



**UPLAND POLLUTANT SOURCES**

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
April 9, 2020	E-2020-221	2068 Somerville Rd. Annapolis, MD	While investigating target outfalls for the County's National Pollutant Discharge and Elimination System (NPDES) screening effort, a Versar team found signs of improper cooking oil storage and waste management associated with the business operations at the Giolitti Fine Italian Market in Annapolis, MD. The team investigated conditions at the site at 2:10 p.m. on Thursday, April 9. The team documented excessive kitchen grease and food debris on and around the disposal bin at the rear of the establishment; dark stains on the pavement near the bin provided evidence of grease spills near the bin. The team also noted that the dumpster lid was open and there were dark stains at the base of the dumpster. The uncovered dumpster storage area included a small, grated drain that would receive drainage from the dumpsters and the kitchen grease bin. The team did not ascertain whether the drain connected to the County's stormwater infrastructure. The area around the dumpster generally looked unkempt.	<p><b>4-14-2020:</b> Complaint received by WPRP from Versar.</p> <p><b>4-15-2020:</b> Complaint referred to I&amp;P.</p> <p><b>4-28-2020:</b> Investigated by I&amp;P. Upon arrival Inspector observed an open grease bin, 2 dumpsters with liquid around the bottom, trash on the ground, and a grease bin with staining. The following must be done in order to bring the site into compliance:</p> <ol style="list-style-type: none"> <li>1. Remove all trash from the ground and place in the dumpsters;</li> <li>2. Close all grease bins when they are not in use;</li> <li>3. Close all dumpsters when they are not in use;</li> <li>4. Replace leaking dumpster(s);</li> <li>5. Clean up any spilled grease with kitty litter and dispose of in the dumpster.</li> </ol> <p><b>8-31-2020:</b> Follow up inspection by I&amp;P. Inspector observed that the grease spill had been cleaned up and trash had been removed.</p> <p><b>CASE CLOSED</b></p>	<b>RESOLVED</b>
May 12, 2020		1 North Zona Street Laurel, MD	While investigating target outfalls for the County's National Pollutant Discharge and Elimination System (NPDES) screening effort, a Versar team found signs of improper waste management associated with the Parkway Village neighborhood in Laurel, MD. The team investigated conditions at the site at 3:30 p.m. on Tuesday, May 12. The field team found evidence of dumping in an area of the woods to the west of North Zona Street, which is immediately adjacent to the Patuxent River. The dumped debris included material that derived from likely residential and possibly commercial uses. Residential materials include furniture, gardening materials, a tire, and a stroller. Material with possible commercial sources included five-gallon buckets, large wheeled bins, and kitchen cabinets.	<p><b>5-18-2020:</b> Complaint received by WPRP from Versar.</p> <p><b>5-19-2020:</b> Complaint referred to I&amp;P for investigation.</p> <p><b>5-19-2020:</b> Investigated by I&amp;P. Inspector spoke with property management company about the area of concern. Supervisor for management company said they will remove debris. Correction notice to property owner.</p> <p><b>7-2-2020:</b> Inspector has not yet received response from property owner. Case will remain open until response is received.</p> <p><b>7-14-2020:</b> Upon receiving response from property owner, I&amp;P conducted follow-up inspection. Inspector observed site was clean and free of debris.</p> <p><b>CASE CLOSED</b></p>	<b>RESOLVED</b>



**UPLAND POLLUTANT SOURCES**

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
June 8, 2020	E-2020-381	3106 Solomons Island Rd Edgewater, MD	While investigating commercial parcels in the county for the County's National Pollutant Discharge and Elimination System (NPDES) screening program, a Versar team found signs of improper waste management associated with the business operations at the Walgreens store in Edgewater, MD. The team investigated conditions at the site at 3:10 p.m. on Monday, June 8. The team documented accumulated debris on the ground alongside the trash compactor.	<p><b>6-8-2020:</b> Complaint received by WPRP from Versar.</p> <p><b>6-9-2020:</b> Complaint referred to I&amp;P for investigation.</p> <p><b>6-11-2020:</b> Investigated by I&amp;P. Inspector observed trash and debris next to the trash compactor. Inspector spoke to the store manager who stated that she would have the trash and debris cleaned up.</p> <p><b>1-12-2021:</b> Property has been cleaned. Site is being monitored to ensure trash does not begin to collect on property again.</p> <p><b>CASE CLOSED</b></p>	<b>RESOLVED</b>
June 8, 2020	E-2020-382	2504 Solomons Island Rd Edgewater, MD	While investigating commercial parcels in the county for the County's National Pollutant Discharge and Elimination System (NPDES) screening program, a Versar team found signs of improper cooking oil disposal associated with the business operations at the grocery store The Fresh Market in Annapolis, MD. The team investigated conditions at the site at 2:40 p.m. on Monday, June 8. The team documented evidence of spilled cooking oil on the ground alongside the disposal bin for used kitchen grease near a rear door for the store.	<p><b>6-8-2020:</b> Complaint received by WPRP from Versar.</p> <p><b>6-9-2020:</b> Complaint referred to I&amp;P for investigation.</p> <p><b>6-11-2020:</b> Investigated by I&amp;P. Upon arrival on site, Inspector observed oil spilled on the site. Inspector went into the Fresh Market and spoke to the manager about cleaning up the spill and preventing further spills.</p> <p><b>8-31-2020:</b> Follow up inspection by I&amp;P. Upon arrival, Inspector observed the grease cleaned up and the grease bin lid was closed.</p> <p><b>CASE CLOSED</b></p>	<b>RESOLVED</b>





**UPLAND POLLUTANT SOURCES**

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
June 8, 2020	E-2020-383	85 Forest Plaza Annapolis, MD	While investigating commercial parcels in the county for the County's National Pollutant Discharge and Elimination System (NPDES) screening program, a Versar team found signs of improper cooking oil disposal associated with the business operations at the Jalapeños Restaurant in Annapolis, MD. The team investigated conditions at the site at 2:15 p.m. on Monday, June 8. The team documented evidence of spilled cooking oil on top of and on the pavement near the disposal bin for used kitchen grease in a rear alcove near the restaurant.	<p><b>6-8-2020:</b> Complaint received by WPRP from Versar.</p> <p><b>6-9-2020:</b> Complaint referred to I&amp;P for investigation.</p> <p><b>6-11-2020:</b> Investigated by I&amp;P. Upon arrival, Inspector found an open grease trap, a grease trap with spilled grease around it, and dumpster with trash around it. The inspector went into the Italian Market next door and advised the manager that the mess needed to be cleaned up.</p> <p><b>7-15-2020:</b> Follow up inspection by I&amp;P. Upon arrival the inspector observed that the trash had been cleaned up but more grease had been spilled.</p> <p><b>8-31-2020:</b> Follow up inspection by I&amp;P. Arrived on site and observed grease trap was closed and grease spill was cleaned up.</p> <p><b>CASE CLOSED</b></p>	<b>RESOLVED</b>



## EROSION AND STRUCTURAL ISSUES

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
September 16, 2019		O20O010 2567 Golfers Ridge Rd Parole, MD	While investigating target outfalls for the County's Illicit Discharge Detection and Elimination (IDDE) program, a Versar team found signs of collapsed infrastructure at outfall O20O010. The team gained access to the outfall via a golf cart path near Golfers Ridge Road (the path was a feature with the Heritage Harbour Golf Course). The team investigated the site at 10:45 a.m. on Monday, September 16. At the site, there was evidence of ground subsidence or headcutting approximately 12 feet up-network from the outfall (Figure 1). The end section at the outfall appeared to be displaced in a lower and slightly rotated position relative to the adjacent pipe (Figure 2). The team surmised that the two conditions were related, and that the subsidence had facilitated erosion that led to undercutting and loss of support at the outfall.	<p><b>9-18-2019:</b> Report received from Versar by WPRP.</p> <p><b>9-26-2019:</b> Referred to SIP.</p> <p><b>10-3-2019:</b> Investigated by SIP. Repairs placed in SIP's project list. Repair estimated to be completed within 6-12 months.</p> <p><b>6-22-2020:</b> Update on project status by SIP states infrastructure is programmed tentatively for repair within next 10-16 months.</p> <p><b>6-14-2021:</b> Update on project status by SIP states that repairs remain in project backlog. Tentative completion by end of FY22.</p> <p><b>CASE OPEN</b></p>	<b>UNRESOLVED</b>
September 26, 2019		N20O020 2650 Quiet Water Cove Edgewater, MD	While investigating target outfalls for the County's Illicit Discharge Detection and Elimination (IDDE) program, a Versar team found signs of collapsed infrastructure at outfall N20O020. The team investigated the site at 11:00 p.m. on Thursday, September 26. At the site, there was evidence that the pipe and headwall had completely detached from the adjacent inlet, N20I004. The team documented that erosion had removed supporting soil from the sides and base of the original configuration. The team investigated the contributing pipe network and found that a pipe entering the network from the northeast (outfall N02O009) was oriented to discharge directly on top of a concrete cap of an inlet, N20I083. The team surmised that the flows from this disconnected outfall may have contributed to the erosion that had occurred approximately 140 feet down-gradient, in addition to overland flows.	<p><b>10-1-2019:</b> Report received from Versar by WPRP.</p> <p><b>10-1-2019:</b> Referred to SIP.</p> <p><b>6-2-2020:</b> As of the end of FY2020, SIP is currently reviewing repair options for this outfall.</p> <p><b>6-14-2021:</b> Update on project status by SIP states that work will tentatively begin in late summer 2021 on either day-lighting a portion of this pipe and installing an SPSC system or just stabilizing the outfall.</p> <p><b>CASE OPEN</b></p>	<b>UNRESOLVED</b>



## EROSION AND STRUCTURAL ISSUES

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
January 23, 2020		J04O004 1099 Winterson Rd. Linthicum Heights, MD	While investigating target outfalls for the County's Illicit Discharge Detection and Elimination (IDDE) program, a Versar team found signs of collapsed infrastructure at outfall J04O004. The team investigated the site at 1:00 p.m. on Thursday, January 23. At the site, the team found that the end section had partially detached from the adjacent pipe section. The team documented evidence of erosion associated with the separation that further undermines the end pipe at the outfall. An area map, indicating the general location of the collapsed infrastructure, is provided in Figure 3.	<p><b>1-27-2020:</b> Report received by WPRP from Versar.</p> <p><b>1-27-2020:</b> Report referred to SIP.</p> <p><b>1-27-2020:</b> SIP confirmed that the outfall was inspected via video on 1/18/2019.</p> <p><b>4-2-2020:</b> SIP performed site visit w/SIP contractor. Work will require (2) inlet point repairs, outfall point repair &amp; cleaning of pipe.</p> <p><b>6-22-2020:</b> SIP waiting for SIP contractor to submit cost estimate.</p> <p><b>10-19-2020:</b> Repair work completed.</p> <p><b>CASE CLOSED</b></p>	<b>RESOLVED</b>
June 2, 2020		M23O004 703 Gettysburg Court, Davidsonville, MD	While investigating target outfalls for the County's Illicit Discharge Detection and Elimination (IDDE) program, a Versar team found signs of collapsed infrastructure at outfall M23O004. The team investigated the site at 12:45 p.m. on Tuesday, June 2. At the site, the team found that the endwall and terminal six feet of the connected pipe had dislocated from the pipe network. The team found evidence of significant erosion in the vicinity of the outfall and surmised that the pipe system collapsed due to the loss of structural support. The team noted the pipe system that remained intact appeared to be functioning adequately to convey stormwater. The team also found a dislocated manhole cover up-network of the outfall; the manhole number was M23M013.	<p><b>6-4-2020:</b> Report received by WPRP from Versar.</p> <p><b>6-4-2020:</b> Report forwarded to SIP for further investigation.</p> <p><b>6-22-2020:</b> SIP project updates states that infrastructure is programmed tentatively for repair within next 10-16 months.</p> <p><b>6-14-2021:</b> Update on project status by SIP. SIP is awaiting a cost estimate for this work for tentative completion in FY22.</p> <p><b>CASE OPEN</b></p>	<b>UNRESOLVED</b>



## EROSION AND STRUCTURAL ISSUES

Survey Date	I&P Compliance Database ID	Outfall/Site Address	Issue	Response	Status
June 2, 2020		<p style="text-align: center;">L23O001</p> <p style="text-align: center;">1043 Sugar Maple Drive, Davidsonville, MD</p>	<p>While investigating target outfalls for the County's Illicit Discharge Detection and Elimination (IDDE) program, a Versar team found signs of eroded support for stormwater infrastructure and evidence of a possibly compromised pipe network at outfall L23O001. The team investigated the site at 10:40 a.m. on Tuesday, June 2. At the site, the team found signs of significant erosion behind the endwall and along the connected pipe of the stormwater conveyance system. The team documented water flowing along underneath the endwall and emerging beneath the structure; the team surmised that the water was discharging from the stormwater network, and was thus evidence of a compromise in the pipe system up-network of the outfall.</p>	<p><b>6-4-2020:</b> Report received by WPRP from Versar.  <b>6-4-2020:</b> Report forwarded to SIP for further investigation.  <b>6-22-2020:</b> SIP project updates states that infrastructure is programmed tentatively for repair within next 6-12 months.  <b>6-14-2021:</b> Update on project status by SIP. SIP aims to assign this work to their contractor in early FY22.</p> <p style="color: red;"><b>CASE OPEN</b></p>	<p><b>UNRESOLVED</b></p>



## 6 References

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Anne Arundel County. 2020. Illicit Discharge Detection and Elimination (IDDE) Program Standard Operating Procedures (SOP) for Consultants and BWPR Staff. Bureau of Watershed Protection and Restoration. Annapolis MD

Center for Watershed Protection (CWP). 2004. Illicit Discharge Detection and Elimination. A Guidance Manual for Program Development and Technical Assistance.

Maryland Department of Environment (MDE). 1997. Dry Weather Flow and Illicit Discharges in Maryland Storm Drain Systems.

Pitt, R. 2004. Methods for Detection of Inappropriate Discharge to Storm Drain Systems. IDDE Project Support Material used in preparation of CWP 2004.

SeeClickFix, Inc., nd. <https://seeclickfix.com/>



# Appendix A: Illicit Discharge Detection Reports

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## Memorandum

**From:** Alicia Ritzenhaler  
Lukas Vander Linden

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

Anne Arundel County Bureau of Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith

**SUBJECT:** Illicit Discharge Identified – K02O016

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**Location Description:** Behind ‘Hammonds South’ business park in the detention pond

**Approximate Address:** 601 and 611 Hammonds Ferry Road, Linthicum Heights, MD 21090

**Lat/Long:** -76.661619, 39.219801

**Date:** 4/20/2021

**Concern:** Illicit Discharge – Chlorine

### Details:

Outfall K02O016 is located in a detention pond behind the ‘Hammonds South’ business park located at 601 and 611 Hammonds Ferry Road in Linthicum Heights, MD. This is one of two outfalls in the detention pond and drains the majority of the parking area for the complex. This 30” x 30” outfall discharges to a concrete channel that conveys the flow to the overflow structure of the detention pond (Figures 1 and 2).

This outfall was first visited by LimnoTech at 12:00 pm on April 20, 2021 and was found to be flowing. Rate of flow was relatively low, but consistent. The flow did not have any color, was not obviously odorous, and no signs of illicit activities (e.g. washing) were identified. Iron floc was observable in the area of the outfall, but was not in excess. This flow was tested for fluoride, phenols, ammonia, chlorine, detergents, and copper. Water temperature and pH were also recorded. Chlorine was detected above the IDDE threshold (0.4 mg/L) at a concentration of 3.4mg/L. No other parameters were detected above their respective IDDE thresholds.

The outfall was revisited later that day, at 4:00 pm, and had similar amount of flow but had a distinct chlorine odor. When obtaining the sample, bubbles were produced in the collection bottle when the sample was agitated. The flow observed during the second visit was tested for all previously screened parameters (i.e. fluoride, phenols, ammonia, chlorine, detergents, copper,



water temperature, pH). Chlorine was again detected (2.4 mg/L) above the IDDE threshold. No other parameters were detected above their respective IDDE thresholds.

In an attempt to locate the source of this illicit flow, the LimnoTech team investigated upstream stormdrain inlets (Figure 3, labels 1, 2, and 3). Stormdrain inlet 1 was flowing at similar volumes to the outfall, and the majority of the flow was coming from the previously unidentified storm pipe between inlets 1 and 3. The team investigated inlets 2 and 3 and both were found to be dry so the flow is most likely introduced to the system somewhere between inlets 1 and 3. There was no evidence of activities occurring nearby that might have contributed to this discharge.

Once discovered, Lukas Vander Linden (LimnoTech Project Engineer) reported the illicit discharge to the County's Environmental Hotline by phone (410-222-7171) on April 20, 2021.

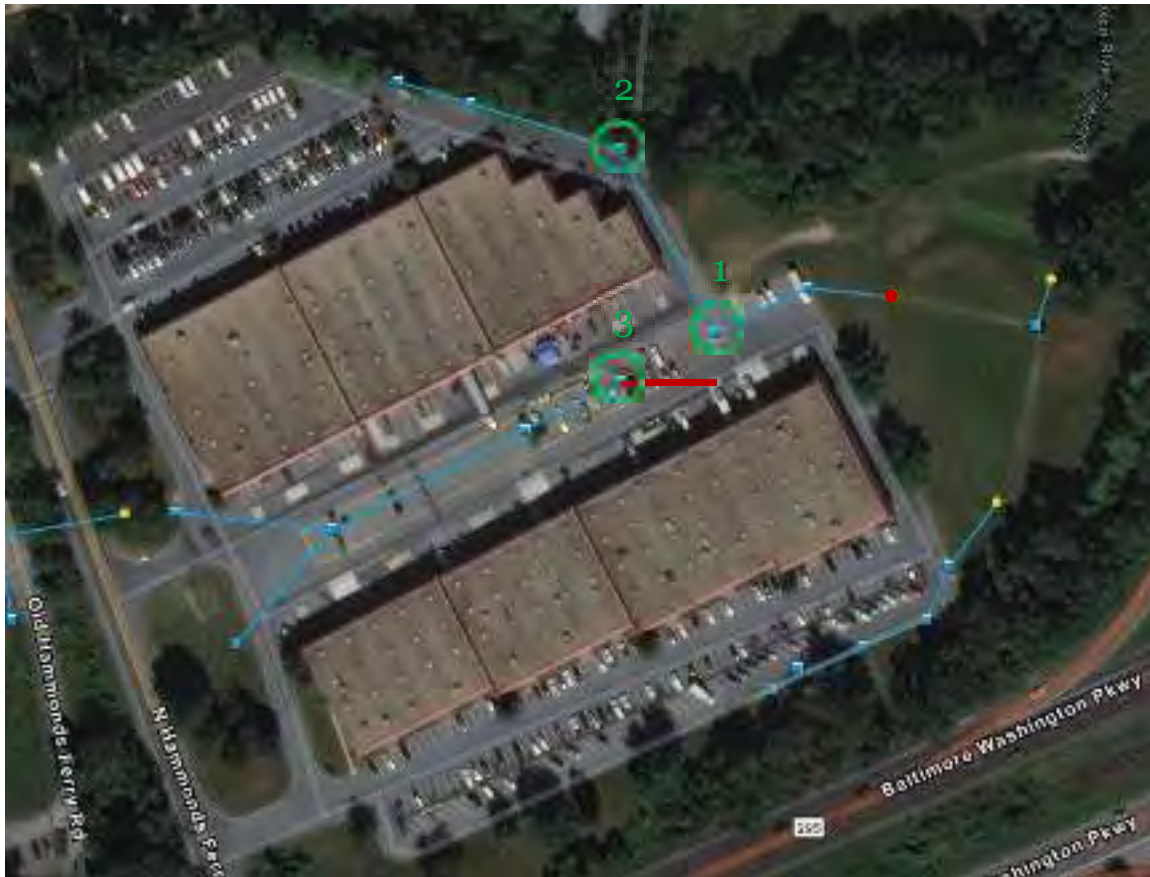


**Figure 1:** Outfall Ko2O016 flowing on 4/20/21



**Figure 2:** Area downstream of Outfall Ko2O016 on 4/20/21.





**Figure 3:** Site overview of Hammonds South Commercial Complex and Outfall Ko2Oo16

Red Dot: Outfall Ko2Oo16

Yellow Dot: other County-owned outfalls

Blue lines: County storm pipes

Red line: County storm pipe segment missing from reference GIS

Blue Squares: County storm drain inlets

Green Circles: Investigated storm drain inlets



# Appendix B: Structural Condition Reports

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1015 18th Street, NW  
Suite 900  
Washington, DC 20036  
202.833.9140  
www.limno.com

## Memorandum

**From:** Lukas Vander Linden  
Alicia Ritzenthaler

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

Anne Arundel County Bureau of Watershed Protection and Planning

Attn: Janis Markusic and Doug Griffith

**SUBJECT:** Structural Concern Identified – A11O006

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**Date of Visit:** 4/20/2021

**Concern:** Structural Condition

**Approximate Address:** 198 Laurel Race Track Rd, Laurel, MD 20725 (Laurel Race Track)

**Details:**

Outfall A11O006 is located at the Laurel Race Track just north of Fort Meade Road (Figure 1). Although the outfall was submerged and was not visible to LimnoTech staff on the day of their visit, significant amounts of leaf litter and small debris suggest that the outfall is heavily sedimented (Figure 2). The concrete of the outfall structure is spalling.

Note: Although not visible, LimnoTech staff assumed that Outfall A11O006 is present based upon the presence of the outfall structure. LimnoTech also looked inside the only inlet that is supposedly connect to this outfall. Standing water and debris were present but LimnoTech couldnot confirm there a pipe connecting inlet and outfall. LimnoTech did notice a pipe coming in (which was not part of the reference GIS layer) from the direction of the Laurel Race Track (about 90 degrees from the direction of the outfall). LimnoTech also noted a storm water pond across the street from the inlet. Based upon recent development surrounding this outfall it seems plausible that the infrastructure here may have been changed and that this outfall may bedefunct.



**Figure 1:** Location of Outfall A110006 (red dot)



**Figure 2:** Outfall A11O006





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www.limno.com

## Memorandum

**From:** Lukas Vander Linden  
Saloni Dagli

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

Anne Arundel County Bureau of Watershed Protection and Planning

Attn: Janis Markusic and Doug Griffith

**SUBJECT:** Structural Concern Identified – L09O021

---

**Date of Visit:** 9/23/2020

**Concern:** Structural Condition

**Approximate Address:** 8060 Crainmont Dr, Glen Burnie, MD 21061

**Details:**

Outfall L09O021 is located in a residential area of Glen Burnie between Kramer Ct and Green Orchard Rd (Figure 1). Severe erosion has occurred surrounding Outfall L09O021 and downstream (Figure 2). The pipe has broken and the end section of the outfall collapsed (Figure3).

Figure 1: Location of Outfall L09O021 (blue dot)



Figure 2: Erosion surrounding Outfall L090021 and downstream



**Figure 3:** Broken and collapsed end section of Outfall L090021.







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## Memorandum

**From:** Alicia Ritzenthaler  
Paul Tomasula

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

Anne Arundel County Bureau of Watershed Protection and Planning

Attn: Janis Markusic and Doug Griffith

**SUBJECT:** Structural Concern Identified – L10O007

---

**Date of Visit:** 10/5/2020

**Concern:** Structural Condition and Sedimentation

**Approximate Address:** 8203 Cloverleaf Drive, Millersville, MD 21108

### Details:

Outfall L10O007 is located near the intersection of Four Leaf Clover Drive and Cloverleaf Drive (Figure 1). The outfall and its structure are in poor condition. Concrete and metal are both damaged and significant sedimentation is present (Figure 2). Although outfall compression and sedimentation are expected to restrict flow it was not entirely blocked at the time of LimnoTech visit. Similarly, although the stabilizing and trash trap structure just downstream of Outfall L10O007 is damaged, it appears to still retain some (suboptimal) functionality. A neighboring outfall (L10O01) is eroded but appears stable.



**Figure 1:** Location of outfall L10O007, shown in blue, near the intersection of Four Leaf Clover Drive and Cloverleaf Drive



**Figure 2:** Outfall L10O007 pictured in poor condition behind damaged stabilizing structure/trash trap. Outfall L10O010 pictured in foreground.





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## Memorandum

**From:** Lukas Vander Linden  
Saloni Dagli

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

Anne Arundel County Bureau of Watershed Protection and Planning

Attn: Janis Markusic and Doug Griffith

**SUBJECT:** Structural Concern Identified – Mo8Oo24

---

**Date of Visit:** 9/16/2020

**Concern:** Structural Condition

**Approximate Address:** 313 Hospital Dr, Glen Burnie, MD 21061

### Details:

Outfall Mo8Oo24 is located in the North Arundel Health And Rehabilitation Center property near the southwest corner of the building. This outfall is experiencing cracking and spalling and is resulting in significant downstream erosion (Figure 2). The outfall looks to be at the same elevation as the land upstream towards the building, but the downstream area is much lower in elevation, and the flow falls a significant distance before continuing downstream (Figure 3). This area was not accessible for a more detailed photograph. Rip rap is present in the discharge area, but previous erosion looks to have already affected this outfall.





**Figure 1:** Location of Outfall Mo8Oo24 (blue circle)



**Figure 2:** Outfall Mo8Oo24



**Figure 3:** Downstream area of Mo8Oo24



## Memorandum

**From:** Alicia Ritzenthaler  
Paul Tomasula

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

Anne Arundel County Bureau of Watershed Protection and Planning

Attn: Janis Markusic and Doug Griffith

**SUBJECT: Structural Concern Identified – M09O060**

---

**Date of Visit:** 10/5/2020

**Concern:** Structural Condition

**Approximate Address:** 7896 Tall Pines Ct, Glen Burnie, MD 21061

### Details:

Outfall M09O060 is located within 'The Forest Apartments' complex (Figure 1). The outfall structure is currently stable but its overall condition has been previously degraded (Figure 2). There is evidence of collapsed pipe and severe downstream erosion (3-6 ft) is present (Figure 3).

**Figure 1:** Location of Outfall M09O060 (blue circle)



Figure 2: Outfall M09O060





**Figure 3:** Debris downstream of Outfall M09O060



## Memorandum

**From:** Lukas Vander Linden  
Saloni Dagli

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

Anne Arundel County Bureau of Watershed Protection and Planning

Attn: Janis Markusic and Doug Griffith

**SUBJECT:** Structural Concern Identified – M11Oo47

---

**Date of Visit:** 9/23/2020

**Concern:** Structural Condition

**Approximate Address:** 415 Maxwell Frye Rd, Millersville, MD 21108

### Details:

Outfall M11Oo47 is located in the rear of the Fire Department Training Division. This outfall was located behind a fence and was inaccessible, but the outfall was visible and showed some signs of cracking.

Note: Due to this outfall's location behind the fence, photographs were not able to show the cracking of the outfall.

**Figure 1:** Location of Outfall M11Oo47 (red circle)



## Memorandum

**From:** Paul Tomasula  
Alicia Ritzenthaler

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

Anne Arundel County Bureau of Watershed Protection and Planning

Attn: Janis Markusic and Doug Griffith

**SUBJECT:** Structural Concern Identified – Q05O007

---

**Date of Visit:** 9/16/2020

**Concern:** Sedimentation

**Approximate Address:** 7549 Solley Rd, Glen Burnie, MD 21060 (Orchard Beach Fire Co. 11)

**Details:**

Outfall Q05O007 is located at the Orchard Beach Fire Co. 11 (Figure 1). The outfall is in good structural condition (i.e. no apparent damage) however excessive sedimentation blocks approx. 80% of the pipe thereby severely restricting flow (Figure 2).

**Figure 1:** Location of Outfall Q05O007



**Figure 2:** Sedimentation of Outfall Q050007



**From:** Alicia Ritzenthaler  
Paul Tomasula

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

**Date of Visit:** 9/22/2020  
**Concern:** Structural  
Condition

Anne Arundel County Bureau of Watershed Protection and Planning

Attn: Janis Markusic and Doug Griffith

**Approximate Address:**  
830 Pasadena Rd,  
Pasadena, MD 21122 (Lake  
Waterford Park)

**SUBJECT: Structural Concern Identified – Q10O015**

---

**Details:**

Outfall Q10O015 is located at Lake Waterford Park; at the eastern edge of Lake Waterford near Baltimore Annapolis Blvd (Figure 1). The outfall is slightly flattened such that it is artificially wider than it is tall. Structural condition is not likely to restricted flow.

Note: Due to the configuration of the Outfall and Waterford Park, this outfall could not be well photographed to show flattening.

**Figure 1:** Location of Outfall Q10O015 (Blue circle)



## Memorandum

**From:** Alicia Ritzenthaler  
Paul Tomasula

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

Anne Arundel County Bureau of Watershed Protection and Planning

Attn: Janis Markusic and Doug Griffith

**SUBJECT: Structural Concern Identified – T15O001**

---

**Date of Visit:** 11/24/2020

**Concern:** Structural Condition and Sedimentation

**Approximate Address:** 305 College Pkwy, Arnold, MD 21012

### Details:

Outfall T15O001 is located at Future Care – Chesapeake, a residential rehabilitation facility (Figure 1). The outfall, which drains to a stormwater pond, has collapsed (Figure 2). A result significant amount of outfall sedimentation and downstream erosion has occurred (Figure 3).

Note: the stormwater pond which Outfall T15O001 drains to is within a privately locked fence. The County-provided key intended to unlock private stormwater facilities did not unlock this particular facility. LimnoTech staff obtained access to this outfall from a Future Care facilitiesmanagement employee who they coincidentally met in the parking lot.

**Figure 1:** Location of Outfall T15O001 (blue circle) relative to the Future Care – Chesapeake and private stormwater pond.



**Figure 2:** Collapsed Outfall (T150001)



**Figure 3:** Erosion downstream of Outfall T150001





## Memorandum

**From:** Paul Tomasula  
Alicia Ritzenthaler

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

Anne Arundel County Bureau of Watershed Protection and Planning

Attn: Janis Markusic and Doug Griffith

**SUBJECT: Structural Concern Identified – T15O059**

---

**Date of Visit:** 10/6/2020

**Concern:** Structural Condition

**Approximate Address:** 325 Kimwood Rd, Arnold, MD 21012

### Details:

Outfall T15O059 is located in a residential area off of College Parkway in Arnold, Maryland (Figure 1). The outfall pipe is in good structural condition (Figure 2) however the reinforced flowpath downstream of Outfall T15O059 has collapsed (Figure 3, Figure 4) and severe erosion is present downstream (Figure 4).

**Figure 1:** Location of Outfall T15O059 (blue dot)



Figure 2: Outfall T15O059



**Figure 3:** Collapsed flow path from Outfall T150059



**Figure 4:** Collapsed flow path from Outfall T150059 and downstream erosion



## Memorandum

**From:** Alicia Ritzenhaler  
Paul Tomasula

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

Anne Arundel County Bureau of Watershed Protection and Planning

Attn: Janis Markusic and Doug Griffith

**SUBJECT:** Structural Concern Identified – U16O014

---

**Date of Visit:** 10/2/2020

**Concern:** Structural Condition

**Approximate Address:** 370 Shore Acres Rd, Arnold, MD 21012

### Details:

Outfall U16O014 is located near Shore Acres Road in the rear of the Providence Center property. No immediate concerns were identified, but the concrete on the top of the outfall has evidence of some cracking (Figures 2 and 4) and there is significant sediment and debris downstream of the pipe (Figure 3). This sediment and debris is not clogging the pipe completely and does allow flow, but is restricting flow within the outfall structure.

**Figure 1:** Location of Outfall U16O014 (blue circle)



**Figure 2:** Outfall U16O014



**Figure 3:** Debris downstream of U16O014.



**Figure 3:** Additional photo of U16Oo14.





# Appendix C: Upland Pollutant Source Reports

---





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## Memorandum

**From:** Saloni Dagli  
Lukas Vander Linden  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Date:** June 30, 2021  
**Project:** ANAE14ENV4  
**CC:** Alicia Ritzenthaler

**SUBJECT: Visual Survey - Possible Pollution Identified**

---

**Location Description:** Behind Dollar General

**Approximate Address:** 312 Hospital Dr Ste D, Glen Burnie, MD 21061

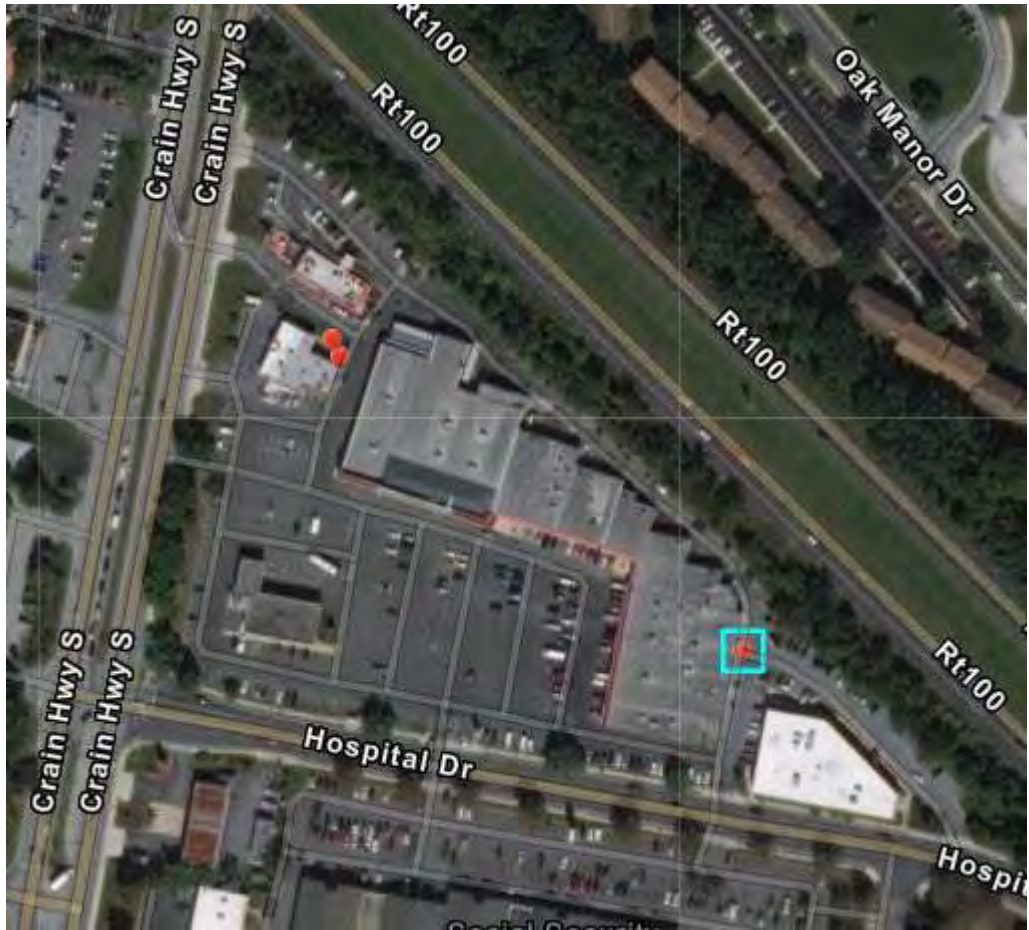
**Date:** 09/16/2020

**Concern:** Waste management, improper bulk solid storage

**Details:**

While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind the Glen Burnie Dollar General at 312 Hospital Drive (Figure 1), citing waste management and improper bulk solid storage concerns. The team investigated the site at 1:06 pm on September 16, 2020. In the alley behind the Dollar General store, the field crew noted an uncovered and overflowing dumpster with adjacent trash on the ground (Figure 2) and several uncovered carts storing cardboard and other solid waste (Figure 3). Although bulk storage is open, it is unlikely to reach a storm drain due to size and weight. However, leachate or loose trash from the overflowing dumpster is likely to flow downgradient to the nearest storm inlet, approximately 75 feet north, or directly into the adjacent natural area, approximately 90 feet north.





**Figure 1:** Waste management and improper bulk solid storage identified behind Dollar General. Location is indicated on above map as a red circle boxed in bright teal.



**Figure 2:** An overflowing dumpster with visible trash spilled on the ground, behind DollarGeneral.



**Figure 3:** Several open carts behind the Dollar General storing cardboard and other solid waste.



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## Memorandum

**From:** Saloni Dagli  
Lukas Vander Linden  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Date:** June 30, 2021  
**Project:** ANAE14ENV4  
**CC:** Alicia Ritzenthaler

**SUBJECT: Visual Survey - Possible Pollution Identified**

---

**Location Description:** Behind Lindy Redding Heating and Air Conditioning

**Approximate Address:** 1701 Crain Hwy S Ste B, Glen Burnie, MD 21061

**Date:** 09/16/2020

**Concern:** Improper bulk solid storage

### Details:

While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind Lindy Redding Heating and Air Conditioning at 1701 Crain Hwy S (Figure 1), citing improper bulk solid storage concerns. The team investigated the site at 1:13 pm on September 16, 2020. Behind the building, the field team noted several pieces of sheet metal, foam, and other materials stored uncovered on a sloped driveway (Figure 2). Although bulk storage is uncovered, the materials are unlikely to enter a storm drain due to size and weight. However, smaller debris and leachate will flow to the storm drain located at the bottom of the driveway (Figure 3).





**Figure 1:** Improper bulk solid storage identified behind Lindy Redding Heating and AirConditioning. Location is indicated on above map as a red circle boxed in bright teal.



**Figure 2:** Bulk solids consisting of sheet metal and foam stored uncovered behind LindyRedding Heating and Air Conditioning.





**Figure 3:** An image of the driveway unobstructed by bulk storage (obtained from Google Maps) shows a storm drain inlet at the bottom of the driveway.



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## Memorandum

**From:** Saloni Dagli  
Lukas Vander Linden  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Date:** June 30, 2021  
**Project:** ANAE14ENV4  
**CC:** Alicia Ritzenthaler

**SUBJECT: Visual Survey - Possible Pollution Identified**

---

**Location Description:** Behind La Trampita Restaurant

**Approximate Address:** 1701 Crain Hwy S, Glen Burnie, MD 21061

**Date:** 09/16/2020

**Concern:** Improper liquid storage

### Details:

While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind La Trampita Restaurant at 1701 Crain Hwy S (Figure 1), citing improper liquid storage concerns. The team investigated the site at 1:14 pm on September 16, 2020. Behind the restaurant, the field team found a grease storage container with grease stains on the adjacent pavement, indicating leakage (Figure 2). Leaking liquid is likely to flow down gradient to the storm inlet at the bottom of the adjacent driveway. Grease may also flow directly into the adjacent natural area, approximately 115 feet northeast.





**Figure 1:** Improper liquid storage identified behind La Trampita Restaurant. Location is indicated on above map as a red circle boxed in bright teal.



**Figure 2:** La Trampita Restaurant's grease storage container with visual evidence of leaking grease on the ground to the left of the container.



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## Memorandum

**From:** Saloni Dagli  
Lukas Vander Linden  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**DATE:** June 30, 2021  
**Project:** ANAE14ENV4  
**CC:** Alicia Ritzenthaler  
**SUBJECT:** Visual Survey - Possible Pollution Identified

---

**Location Description:** Behind Gabe’s Discount Store **Approximate Address:** 7990 Crain Hwy, Glen Burnie, MD 21061 **Date:** 09/23/2020  
**Concern:** Improper bulk solids storage

### Details:

While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind Gabe’s discount store (Figure 1), citing improper bulk solid storage concerns. The team investigated the site at 3:20 pm on September 23, 2020. Behind the store the LimnoTech team identified bulk cardboard storage that was deteriorating and potentially entering the nearby catch basin. This location also had minor trash from an enclosed dumpster, as well as pallet storage.





**Figure 1:** Improper bulk solid storage identified behind Gabe’s discount store. Location is indicated on above map as a red circle boxed in bright teal.



**Figure 2:** Bulk cardboard storage.



**Figure 3:** Bulk cardboard storage and pallet.



**Figure 4:** Bulk cardboard storage, scattered trash originating from enclosed dumpster, and potential receiving catch basin.





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## Memorandum

**From:** Paul Tomasula  
Alicia Ritzenthaler

**Date:** June 30, 2021

**Project:** ANAE14ENV4

**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith

**SUBJECT:** Visual Survey - Possible Pollution Identified

---

**Location Description:** End of Four Leaf Clover Dr. North of intersection with Four Acres Ct.

**Approximate Address:** Four Leaf Clover Dr. Glen Burnie, MD 21061

**Lat/Long:** 39.1236058, -76.6374859

**Date:** 10/06/2020

**Concern:** Waste Management, Improper Liquid Storage

### Details:

While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind at the end of the Four Leaf Clover Drive, just north on the intersection with Four Acres Ct. The team investigated the site at 2:40 pm on October 6th, 2020, and identified approximately nine five-gallon containers of ‘Color Release’ dumped at the end of Four Acres court. One of the buckets was in a black secondary containment vessel, but was still open to the elements. The buckets appear to be empty, however they all had lids and may have retained some residual contents. They team also observed a brown and sludge like discoloration in the area near the buckets. There is a vegetated area between the buckets and the nearest storminlet, so it’s uncertain how likely these materials will directly enter storm water.









**Figure 3:** Additional buckets of Color release, right hand side of the site



**Figure 4:** Brown discoloration



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## Memorandum

**From:** Paul Tomasula  
Alicia Ritzenthaler  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Date:** June 30, 2021  
**Project:** ANAE14ENV4

**SUBJECT:** Visual Survey - Possible Pollution Identified

---

**Location Description:** Along bank of Cloverleaf Dr. Behind commercial complex.

**Approximate Address:** 8229 Cloverleaf Dr. Millersville, MD 21108

**Lat/Long:** 39.120277, -76.632346

**Date:** 10/06/2020

**Concern:** Dumpsite

### Details:

While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind in a vegetated area behind the commercial complex on Cloverleaf Dr. The team investigated the site at 1:45 pm on October 6th, 2020, and identified notable amounts of trash dumberd including: two unlabeled and seemingly empty blue 55-gallondrums; and two unlabeled white 30-gallons drums. One of the blue 55 gallons drums no longer had a lid and was empty. The other drums appear to be empty, but field crew was unable verify. The dumpsite is in a vegetated area and is lower in elevation to nearby storm inlets. Enter the waterways would likely occur via surface or subsurface transfer to the nearby branch of Marley Creek which is located approximately 250 feet north of the dumpsite.





**Figure 1:** Improper bulk solid storage identified behind Gabe's discount store. Location is indicated on above map as a red circle boxed in bright teal.



**Figure 2:** Drum front top of embankment on Cloverleaf Dr.



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## Memorandum

**From:** Paul Tomasula  
Alicia Ritzenthaler

**Date:** June 30, 2021

**Project:** ANAE14ENV4

**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith

**SUBJECT:** Visual Survey - Possible Pollution Identified

---

**Location Description:** Lochmanns Plaza Shopping Center, Behind Strip of Stores

**Approximate Address:** Behind 558J Ritchie Highway, Severna Park, MD 21146

**Lat/Long:** -76.547402 39.076095

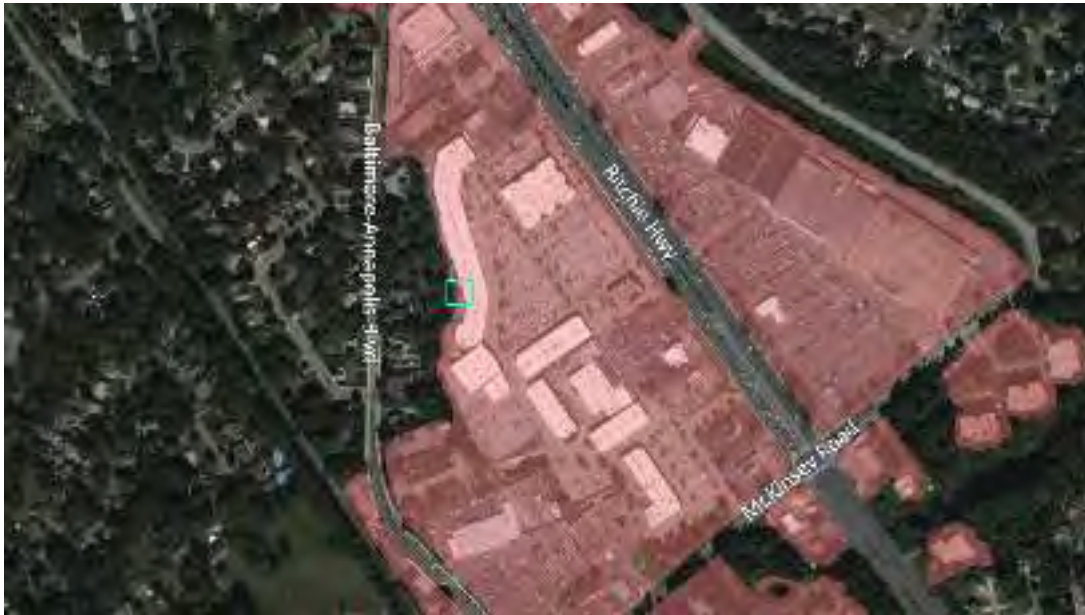
**Date:** 10/22/2020

**Concern:** Waste management

### Details:

While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind a strip of stores located in the Lochmanns Plaza Shopping Center on Governor Ritchie Highway. The team investigated the site at 11:50 am on October 22nd, 2020, and identified a dumpster with trash outside and scattered on the pavement and grass area surrounding the dumpster. The teams also observed discoloration of the pavement in the area under and immediate around the dumpster. The dumpster is located approximately 30 feet from an inlet to the south east, which provides a likely entry point for trash to enter waterways via an outfall into North Cypress Branch.





**Figure 1:** Location of waste management concern located behind stores in shopping plaza. Location is indicated on above map as a red circle boxed in bright teal.



**Figure 2:** Dumpster with trash outside and discoloration near base.



**Figure 3:** Dumpster location relative to inlet indicated by red arrow.



**Figure 4:** Additional trash in grass next to dumpster.





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## Memorandum

**From:** Alicia Ritzenhaler  
Paul Tomasula

**Date:** June 30, 2021

**Project:** ANAE14ENV4

**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith

**SUBJECT:** Visual Survey - Possible Pollution Identified

---

**Location Description:** Pasadena Crossing Shopping Mall; Behind former Wolf's Mattress

**Approximate Address:** Behind 8038 Ritchie Highway, Pasadena MD 21122

**Lat/Long:** -76.593412 39.126831

**Date:** 11/5/2020

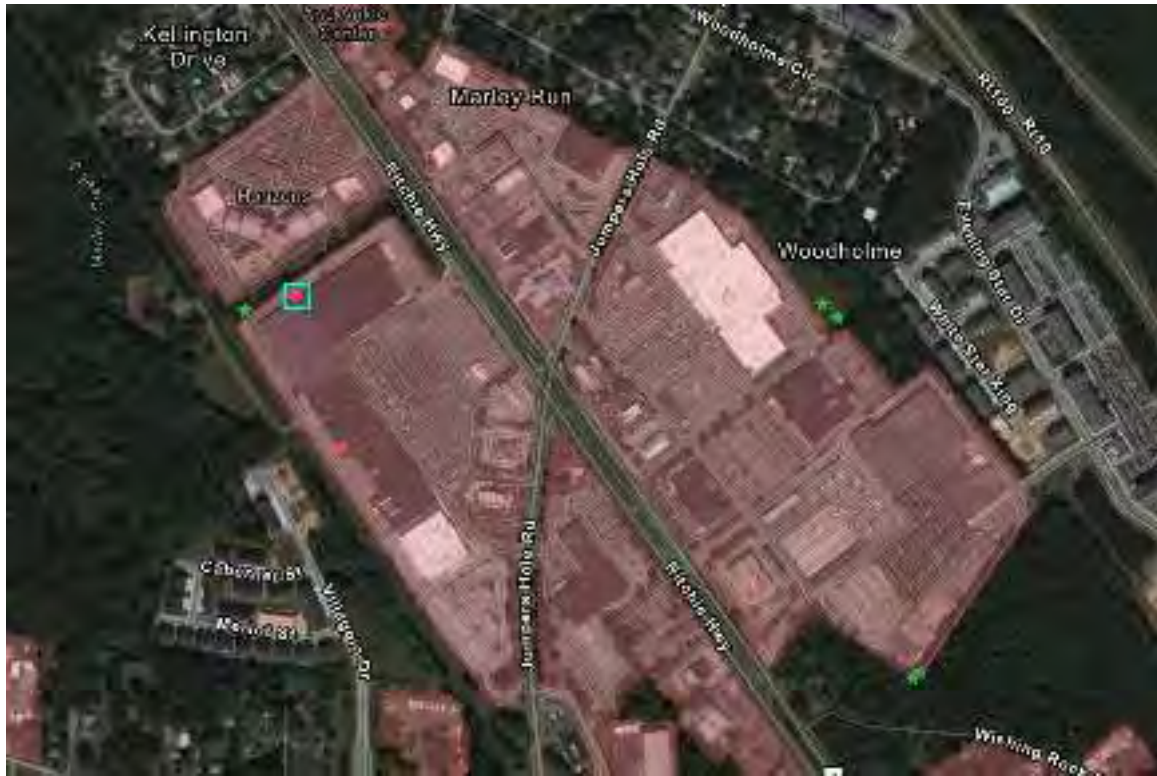
**Concern:** Waste management

### Details:

While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind a strip of stores located in the Pasadena Crossing Shopping Mall located off of Ritchie Highway. The team investigated the site at 10:30 am on November 5, 2020, and identified loose trash at the end of a trash compactor chute. No dumpster was present to collect and contain trash. This potential pollution “hotspot” is approximately 250 feet from the nearest storm drain inlet. A sign on the Wolf Furniture and Mattress storefront states that the shop has recently closed permanently. Pollution is therefore considered unlikely to continue in the immediate future.







**Figure 1:** Location of waste management concern located behind stores in shopping plaza. Location is indicated on above map as a red circle boxed in bright teal.



**Figure 2:** Trash compactor chute without dumpster; view 1



**Figure 3:** Trash compactor chute without dumpster; view 2





**Figure 4:** Trash compactor chute without dumpster; view 3



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## Memorandum

**From:** Alicia Ritzenthaler  
Paul Tomasula

**Date:** June 30, 2021

**Project:** ANAE14ENV4

**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith

**SUBJECT:** Visual Survey - Possible Pollution Identified

---

**Location Description:** Pasadena Crossing Shopping Mall; Behind vacant retail space between Party City and TJ Maxx

**Approximate Address:** Behind 8042 Ritchie Highway, Pasadena MD 21122

**Lat/Long:** -76.592666 39.125373

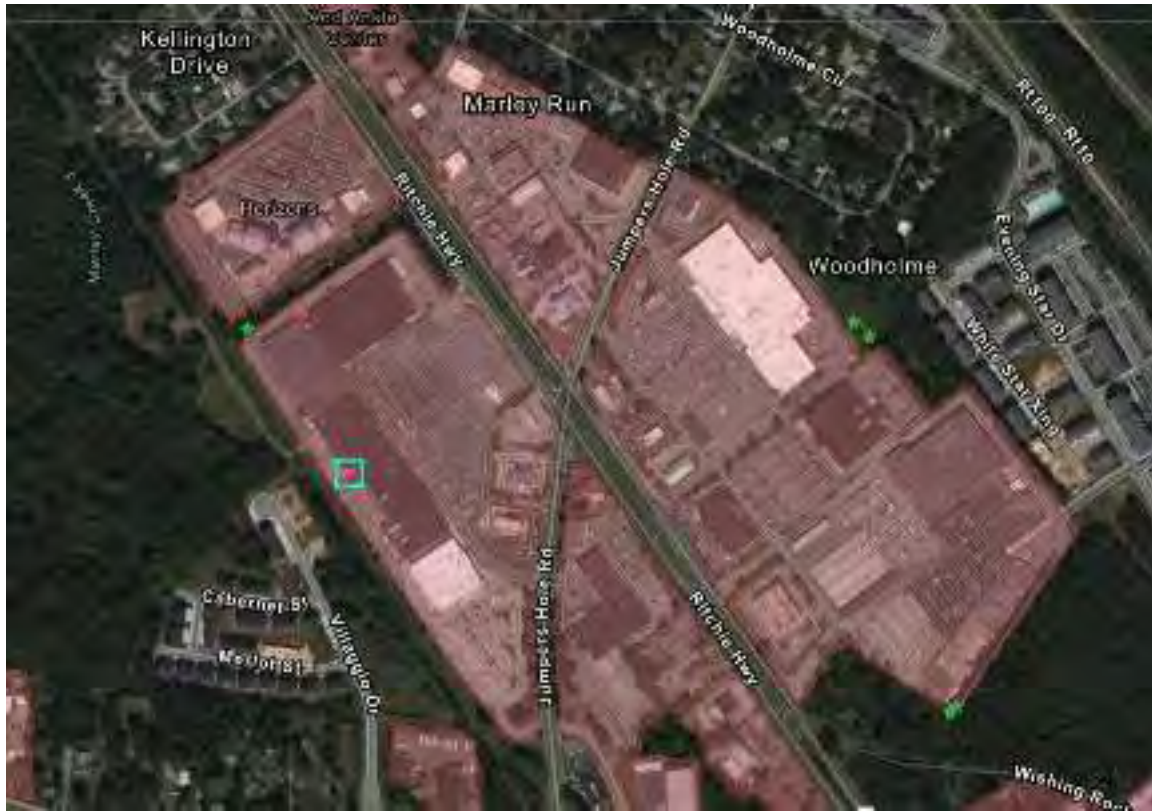
**Date:** 11/5/2020

**Concern:** Waste management

### Details:

While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind a strip of stores located in the Pasadena Crossing Shopping Mall located off of Ritchie Highway. The team investigated the site at 10:50 am on November 5, 2020, and identified a container of an unknown ‘Dryvit’ brand product spilled. The product, possibly an outdoor insulation material, is believed to be a liquid initially which hardens into a stiff but slightly crumpled solid. It appears to have accidentally spilled and hardened in 3 notable patches approximately 2 ft in diameter with several other smaller patches scattered over a 30ft area. Two of the notable patches were bright blue in color; the other gray. The blue color product matches that used on the storefront.





**Figure 1:** Location of waste management concern located behind stores in shopping plaza. Location is indicated on above map as a red circle boxed in bright teal.



**Figure 2:** Bucket of unknown Dryvit product spilled on the back stoop of vacant retail space.



**Figure 3:** Bucket of unknown Dryvit product spilled and hardened on the back stoop of vacant retail space.



**Figure 4:** Notable patches of hardened Dryvit product on pavement in rear of vacant retail space. Blue and gray patches of spilled product are approximately 2 ft in diameter.



**Figure 5:** Smaller patches of blue (left) and gray (right) hardened Dryvit product scattered on pavement within approximately 30 ft of rear retail space door.



**Figure 6:** Storefront, which appears newly refinished, features same color blue observed spilled behind the retail space.





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## Memorandum

**From:** Saloni Dagli  
Lukas Vander Linden  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith

**Date:** June 30, 2021  
**Project:** ANAE14ENV4

**SUBJECT: Visual Survey - Possible Pollution Identified**

---

**Location Description:** Behind Szechuan Café located near the Lakeshore Plaza shopping mall.

**Approximate Address:** Behind 4315 Mountain Rd # F, Pasadena, MD 21122

**Lat/Long:** -76.512248, 39.119564

**Date:** 11/9/2020

**Concern:** Improper Liquid Storage

### Details:

While conducting visual surveys of upland commercial areas, LimnoTech staff identified a possible pollution “hotspot” behind the Szechuan Café. The team investigated the site at 10:00 am on November 9th, 2020, and identified two potential sources of oil/grease leaks. Staff identified one 55-gallon drum, and one grease trap as potential sources of oil/grease pollution to receiving waters via surface runoff onto parking lot. Both the drum and tank had visual staining of oil/grease resulting from a constant leak or periodic spilling.





**Figure 1:** Location of waste management concern located behind stores in shopping plaza. Location is indicated on above map as a red circle boxed in bright teal.



**Figure 2:** Drum with oil/grease leaks present and visible on sidewalk.



**Figure 3:** Grease trap with oil/grease leaks present and visible on sidewalk.

# Appendix D: County-Owned Property Site Visit Reports

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## Memorandum

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**SUBJECT:** **Animal Control**

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

---

**Location Description:** Animal Control

**Approximate Address:** 411 Maxwell Frye Road, Millersville, MD 21108

**Date of Site Visit:** 9/23/2020

**Concern:** None

**Details:**

The AACO Animal Control building is located on a larger site that includes the Police Department Headquarters, the AACO Fire Department Headquarters, and the Fire Department Training Division.

The Animal Control site contains a main building, two parking lots and is located adjacent to a large microwave/radio tower. There are no stormdrain inlets on the property and the parking lot runoff flows off non curbed pavement or curb cuts that lead to grassed swales. There is a potential allocation of improper bulk solid storage of animal cages in the rear of the property, but the cages are in good condition and are potentially not stored there permanently so it was assumed they would be moved.



**Figure 1:** Aerial map of the Animal Control property

Purple Outline = Parcel boundary (includes Police and Fire Department properties)  
Green Point: Animal waste container

Red Point: Large microwave/radio tower  
Orange Point: Animal cage storage





**Figure 2:** Animal cage storage



**Figure 3:** animal recreation area and waste disposal



## Memorandum

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

**SUBJECT:** Annapolis Neck Fire Co. 8

---

**Location Description:** Annapolis Neck Fire Co. 8

**Approximate Address:** 991 Bay Ridge Road Annapolis, MD 21403

**Date of Site Visit:** 10/7/2020

**Concern:** improper bulk solid storage, improper liquid storage

### Details:

This is a small site located at the intersection between Bay Ridge Road and Arundel on the Bay Road and has driveway access to both. The main concrete driveway pad connects to Bay Ridge Road and the parking area and rear driveway to the station connect to Arundel-on-the-Bay Road. This site is also the location of two detention ponds.

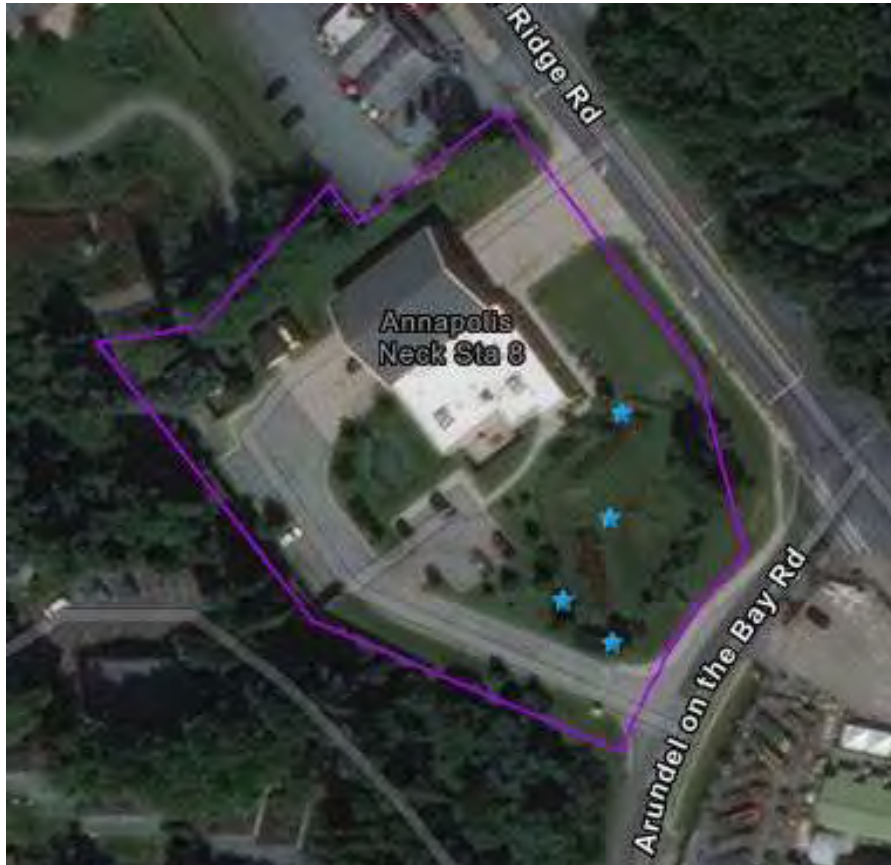
The front driveway is curbed and flows towards a stormdrain inlet on the southern curb. The rear driveway drains through a curb cut into the western pond (Figure 2), or southeast towards a stormdrain inlet located on the north curb near Arundel-on-the-Bay Road.

There are also two stormdrain inlets located in grassed areas on the site. The first is just north of the main building and looks to drain area further north on adjacent property (Figure 3). It is not known exactly where this inlet discharges. The second is located just east of the western pond and is assumed to be an overflow structure for the western pond (Figure 4). The discharge location of this inlet is assumed to be the larger detention pond to the east.

All inlets on the site are in good condition, the dumpster area is clean with no debris (Figure 5), and no other issues were found on the site.



Annapolis Neck Fire Co. 8



**Figure 1:** Aerial map of the Annapolis Neck Fire Co. 8 property  
Purple Outline: Parcel boundary  
Blue Star: Outfall  
Yellow Points: stormdrain inlets located in grassed areas  
Red Point: Dumpster area  
Green Inlet: curb cut draining rear pad



**Figure 2:** curb cut draining rear driveway pad. Drains to western pond.



**Figure 3:** Stormdrain in grass area north of building.



**Figure 4:** Stormdrain inlet draining western pond



**Figure 5:** Dumpster area

## Memorandum

**From:** Alicia Ritzenthaler  
Paul Tomsula  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

**SUBJECT: Armiger Fire Co 30**

---

**Location Description:** Armiger Fire Co 30

**Approximate Address:** 304 Mountain Rd Pasadena, MD 21122

**Date of Site Visit:** 09/22/2020

**Concern:** None

### Details:

The Armiger Fire Company 30 Fire Station is located on a parcel to the north east of the intersection of Mountain Road and Solley Road. This property consists of the main fire station with a parking lot on the western edge of the parcel located off of Mountain Road. There is also an additional rear driveway for the fire station which is located off of Mountain Estate Drive.

The parking lot is sloped north and drains to a single inlet located in the north east corner of the parking lot and outfalls (Figure 1, blue circle) to a wet pond located in the corner north west of the parcel. The front driveway flows to the east into a grass conveyance channel that runs along the east of the parcel and terminates at a concrete headwall (Figure 1, orange circle) near the edge of the rear driveway. The pipe in the headwall has a gradual slope and it was difficult to determine a precise configuration of the storm network in the field. Subsequent desktop review of drawings and the storm network confirms the headwall inlet drains to an outfall to the northwest that is presumptively located in the pond (Figure 1, red circle). The field team was unable to locate this outfall to confirm its existence, however they found no evidence to contradict the outfall's existence. The rear driveway is sloped towards the northeast and collects in two inlets along the northern edge of the driveway, which also tied into the same network and outfall as the headwall inlet for the grass channel.

Of the two outfalls located on the property, the field team was only able to locate the outfall for the front parking lot, which was assessed through a chain link fence and found to be not flowing.

Washing of vehicles likely occurs in the rear of the facility (Figure 1, yellow circle), though this was not confirmed with firefighting staff. Washing water would sheet flow to the inlet on the northern edge of the rear driveway and outfall into the wet pond.

The field teams also noted a dumpster and recycling bin behind the facility, but both were found in good condition with no signs of staining or leakage (Figure 1, green circle). No items of concern observed during the site visit.



Armiger Fire Co 30



**Figure 1:** Aerial map of Armiger Fire Station  
Blue Circle = Parking lot outfall  
Red Circle = Unverified outfall from headwall, and rear drive inlets  
Orange Circle = Headwall inlet from grass conveyance channel  
Yellow Circle = Suspected washing station  
Green Circle = Dumpster and recycling area

Armiger Fire Co 30



**Figure 2:** Curb cut entrance to grass conveyance channel on eastern edge parcel.



**Figure 3:** Concrete headwall at the end of the grass conveyance channel.



**Figure 4:** Wet pond riser structure.



**Figure 5:** Dumpster and recycling area in the rear of the facility.

## Memorandum

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**SUBJECT:** **Arundel Fire Co. 7**

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

---

**Location Description:** Arundel Fire Co. 7

**Approximate Address:** 2380 Davidsonville Road, Gambrills, MD 21054

**Date of Site Visit:** 10/7/2020

**Concern:** improper bulk solid storage, improper liquid storage

### Details:

This is a small site located on Davidsonville Road at the intersection with Bells Branch Road. It contains a main building, a front driveway, side driveway and parking lot. This site is adjacent to a radio tower (Figure 2) and gravel lot that is a storage location for various vehicles, boats, and large equipment. Storage of some of these vehicles, boats and equipment seems to occur on the property of the Arundel Fire Co. 7 and should be moved or stored correctly (Figures 3,4, and 5).

Also on site were 2 improperly stored barrels containing unknown liquid (Figure 6).

An outfall was also identified onsite that was not in the reference layer, but it is small and no flow was observed (Figure 7 and 8). The team discussed this outfall with an on-site contact and learned that this outfall was installed to fix drainage issues present on the main driveway in front of the building. During rain events, groundwater would rise up through the cracks in the pavement. A perforated pipe (Figure 9) was installed to drain this area that then flows to the discovered outfall.



6/30/2021



**Figure 1:** Aerial map of the Arundel Fire property  
Purple Outline: Parcel boundary

Blue Star: Outfall

Blue Line: Pavement cut and perforated pipe draining to outfall  
Green Point: Storage Shed

Red Point: Improper liquid storage

Yellow Point: Improper bulk solid storage of vehicles and equipment.

6/30/2021



**Figure 2:** Radio tower on adjacent property.



**Figure 3:** Improper storage of vehicles and equipment.

6/30/2021



**Figure 4:** Storage of vehicles behind building and parking lot.



**Figure 5:** Boat storage on Fire Co. 7 property.

6/30/2021



**Figure 6:** Improper liquid storage of drums.



**Figure 7:** Undocumented outfall.

6/30/2021



**Figure 8:** Outfall discharge area.



**Figure 9:** Pavement cut under which a pervious pipe is draining the groundwater.

6/30/2021



**Figure 10:** Deck on south edge of building.

## Memorandum

**From:** Alicia Ritzenthaler  
Paul Tomsula  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

**SUBJECT: Brooklyn Fire Co 31**

---

**Location Description:** Brooklyn Fire Co. 31

**Approximate Address:** 5100 Richie Highway, Brooklyn Park, MD 21225

**Date of Site Visit:** 09/15/2020

**Concern:** None

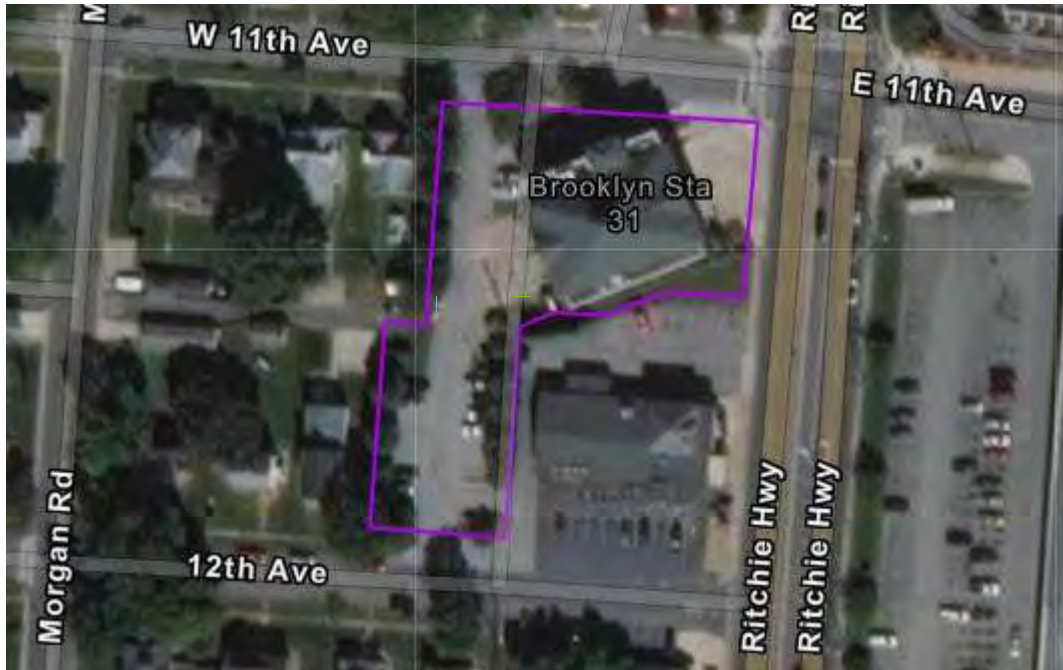
### Details:

The Brooklyn Fire Co. 31 is located on an irregularly shaped, county-owned parcel on the corner of Richie Highway and 11<sup>th</sup> Ave in Brooklyn Park, MD (Figure 1). The parcel also encompasses the alley behind the fire station, between 11<sup>th</sup> and 12<sup>th</sup> Avenues.

The front of the station provides emergency vehicles direct access to both Richie Highway and 11<sup>th</sup> Ave. The majority of stormwater runoff from the front of the station appears to sheet flow to the street where it enters a stormdrain inlet on Richie Highway at the edge of the property. A small amount of curb storage along 11<sup>th</sup> Ave may also be utilized.

Dumpsters and recycling bins are present behind the station. At the time of the site visit, there was no evidence of the dumpsters or bins leaking and/or waste being improperly disposed of outside the designated containers (Figure 2, Figure 3).

There are 3 stormdrain inlets on the property. Vehicle washing occurs behind the station, adjacent to one of these stormdrain inlets (Figure 4). Some trash and debris was present in the western most inlet however did not warrant maintenance at the time of the site visit. The southernmost inlet present also drains the adjacent commercial lot immediately southeast of the Brooklyn Fire Co 31 parcel.



**Figure 1:** Aerial map of the Brooklyn Fire Co. 31  
Purple Outline = Parcel Boundary  
Orange Point = Vehicle washing activity  
Green Point = Dumpster area  
Blue Point = Recycling area



Brooklyn Fire Co. 31



**Figure 2:** Dumpster area behind Brooklyn Fire Co. 31



**Figure 3:** Recycling area behind Brooklyn Fire Co. 31



**Figure 4:** Vehicle Washing Area located immediately behind the Brooklyn Fire Co. 31 Station.

## Memorandum

**From:** Alicia Ritzenthaler  
Paul Tomsula  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

**SUBJECT: Cape Saint Claire Fire Co. 19**

---

**Location Description:** Cape Saint Claire Fire Co. 19

**Approximate Address:** 1411 Cape Saint Claire Road Annapolis, MD 21409

**Date of Site Visit:** 09/22/2020 **Concern:** Improper Bulk Storage **Details:**

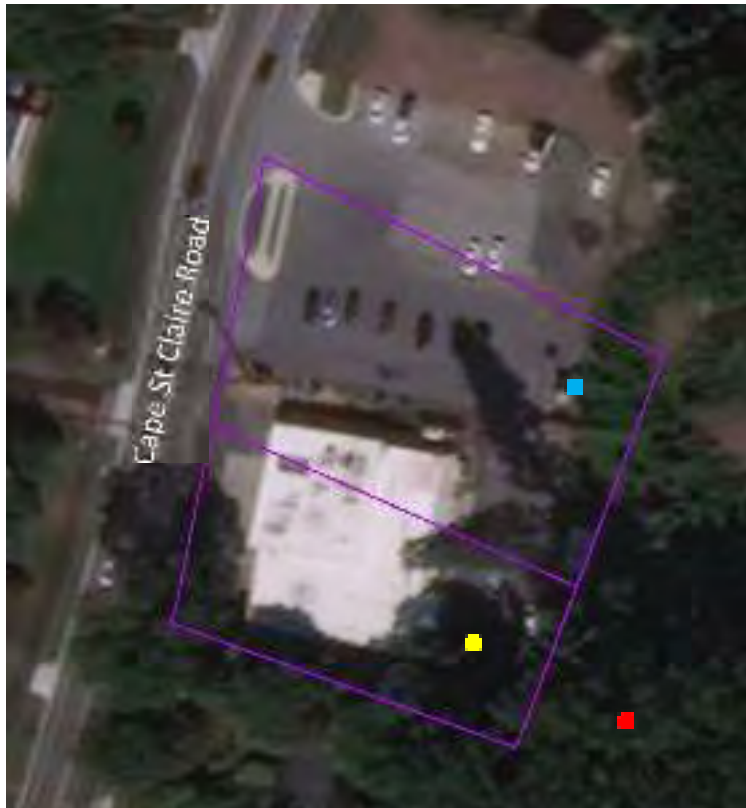
The Cape Saint Claire Fire Company 19 Fire Station is located on two (2) adjacent count-owned parcels off of Cape Saint Clair Road. This property consists of a single parking lot, a main permanent building, and a shed. The parking lot is on the northern portion of the site and has two access points off of Cape Saint Clair Road. The building and shed are located to the south of the parking lot.

The parking lot, is sloped towards the east and appears to sheet flow into the vegetated area. A single inlet (Figure 1, red circle) was noted on the southeast corner of the site, and appear to gather flow from the rear of the building. There was a clear flow path visible in the grass directed towards the inlet, but the inlet was found in good condition with no signs of erosion.

In the southeast corner of the parking lot, the team noted a dumpster with two blue fuel cans (Figure 1 – blue circle) behind it. Inspection of the cans revealed they were partially full. The fuel cans pose a relatively minimal risk of leaking, but should be moved to a covered location for longer term storage.

The field team also noted the bulk storage (Figure 1 – yellow circle) of deicing salt was knocked over and only partially protected by an overhanging roof. Additional deicing salt was observed on the ground behind a snow plow. It was unclear how easily storm water would come into contact with the spilled salt, but the team would recommend cleaning up any loose salt and covering the salt storage container with a lid.

Washing of vehicles likely occurs in the front of the facility, and the field team observed some residuals suds in the front the facility, but washing location was not confirmed with firefighting staff. Washing water (if washing does occur in the front) would sheet flow onto the street for curbside storage.



**Figure 1:** Aerial map of the Cape Saint Claire Fire Station  
Red Circle = Inlet  
Blue Circle = Fuel Cans  
Yellow Circle = Salt Bulk Storage

Cape Saint Claire Fire Co. 19



**Figure 2:** Fuel cans located behind the dumpster



**Figure 3:** Knocked over bulk storage of deicing salt



**Figure 4:** Residual suds in front of the site, likely washing location.

## Memorandum

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**SUBJECT:** County Warehouse

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

---

**Location Description:** County Warehouse

**Approximate Address:** 8311 Grover Road, Millersville, MD 21108

**Date of Site Visit:** 9/23/2020

**Concern:** Washing Activity, Improper Liquid Storage, Improper Bulk Solid Storage

### Details:

This site consists of an empty/forested parcel west of Grover Road, as well as the main parcel on the west that contains the warehouse building, several parking lots, and a BMP on the north edge of the building.

The main parking lot at the warehouse is located on the southeast of the warehouse. The parking lot on the east of the property along I-97 flows southeast and discharges through a riprap channel on the southeast corner of the property (Figure 2). The parking lot on the south of the property drains to a channelized strip in the middle of the lot that flows west towards a grass and riprap lined channel that flows further west and towards the north along Grover Road and away from the site (Figure 3).

The only outfall located on this site is north of the building and is presumably a roof drain that outlets into the BMP in this location. This BMP is a long, vegetated strip likely a bioretention cell that is assumed to capture roof runoff as well as drainage from the driveway/parking area that runs along the north of the property (Figure 4). This driveway looks to be a washing location for fire engines and drains to the BMP via a storm drain inlet (Figure 5).

There are multiple bulk solid and/or liquid storage locations on this site that should be addressed. These materials need either to be covered, or moved to a covered location.



**Figure 1:** Aerial map of the County Warehouse

Purple Outline = Parcel boundary

Green Line: BMP

Green Point: Potential washdown location

Blue Line: Parking lot runoff channel

Orange Point: Riprap channel

Blue Star: Outfall to BMP

Red Points: Improper bulk solid and liquid storage



County Warehouse  
6/30/2021



Figure 2: Rip rap lined drainage channel draining east parking lot along I-97.



Figure 3: South parking lot drainage channel and grass/rip rap lined channel.



Figure 4: Bioretention BMP located along north of building.



Figure 5: Potential washdown activity location.

6/30/2021



Figure 6: Improper bulk solid and liquid storage located on south edge of property.



Figure 7: Improper liquid storage.

6/30/2021



Figure 8: Proper liquid storage in loading dock.



Figure 9: Improper bulk solid storage along north edge of property.

6/30/2021



Figure 10: Improper bulk solid storage on southwest corner of warehouse building.



Figure 11: Drainage channel on northeast corner of property.

6/30/2021



Figure 12: Rain barrels on downspout located on southeast corner of warehouse building.

**From:** Saloni Dagli  
Lukas Vander Linden  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** Alicia Ritzenthaler

**SUBJECT: Fire Department Training Academy**

---

**Location Description:** Fire Department Training Academy **Approximate Address:** 415 Maxwell Frye Road, Millersville, MD 21108 **Date of Site Visit:** 09/23/2020  
**Concern:** Multiple

**Details:**

The LimnoTech team visited the Fire Department Training Academy on September 23, 2020, at 11:58 am. This site is one part of a larger county owned parcel that also includes Animal Control, Police Department Headquarters, and Fire Department Headquarters. Although the team did not observe any activity at the site, several concerns were noted.

A long trench drain captures flow throughout the site and flows east, likely discharging to receiving waters adjacent to the site. This needs further investigation and confirmation, as the team could not access the nearest outfall and verify the ultimate destination of the runoff. Runoff captured in this drain could contain anything present on the site including partially burnt material (wood, straw), soot, gasoline, oils, washer fluid, firefighting foam, deicing salts, and washwater. See Figure 1 and Figure 2 below.

The team observed high water elevation and potentially clogged pipes in two catch basins on the site. No pipes were visible above the elevation of water. See Figure 3 and Figure 4.

An area of the site appeared to be used for car crash training, involving damaged cars and a “burncar,” all of which could leak pollutants into the pervious gravel below, potentially reaching the groundwater (See Figure 5 and Figure 6).

Multiple locations were noted in which solid materials and liquids (including gas tanks) were being stored without secondary containment (see Figure 7, Figure 8, and Figure 9).

One potential outfall was not investigated due to an apparent lack of any flow or discernable drainage area. This outfall was a large diameter corrugated metal pipe with doors and a safety cone located in front of it (See Figure 10). The upland area was investigated but neither catch basins nor an area readily being drained were found. This outfall was therefore determined to be a training outfall, not a functional drainage feature, and was not investigated further.

One county identified outfall was adjacent to the site, but the team could not access the outfall for direct measurements and close inspection due to a locked fence. This outfall was screened from a short distance and was verified to have no flow. See Figure 14 for best available picture of outfall and surrounding area.





Figure 1: Site map

Purple Line: Property boundary  
Orange: Trench drain and outfall  
Red: Car crash training area  
Purple Dot: Confined space training “outfall”  
Dark blue: Chlorine tank  
Green: Materials storage areas  
Grey: Partially filled catch basin areas  
Blue: Screened outfall



6/30/2021



Figure 2: Trench Drain



Figure 3: Potential trench drain outlet location and proximity to burn building

6/30/2021



Figure 4: High water elevation in catch basin at SW end of property



Figure 5: High water elevation in catch basin at east end of property

6/30/2021



Figure 6: Flipped car.



Figure 7: Damaged cars.

6/30/2021



Figure 8: Pallet storage



Figure 9: Gas can storage, other materials storage requiring secondary containment

6/30/2021



Figure 10: Tire storage



Figure 11: Potential confined space training outfall.

6/30/2021



Figure 12: Chlorine tank



Figure 13: Burn building

6/30/2021



Figure 14: Outfall location. Outfall was not accessible due to a locked fence.

Fire Department Headquarters

6/30/2021

## Memorandum

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)  
**SUBJECT:** Fire Department Headquarters

---

**Location Description:** Fire Department Headquarters

**Approximate Address:** 8501 Veterans Highway, Millersville, MD 21108

**Date of Site Visit:** 9/23/2020

**Concern:** Improper Liquid Storage

### Details:

The Fire Department Headquarters is located on a larger site that includes AACO Animal Control, the Police Department Headquarters, and the Fire Department Training Division. This site is located at the intersection of Veterans Highway and Maxwell Frye Road.

The site consists of a main building, parking lots, and a radio/microwave tower. There are several stormdrain inlets on site, but all look to be in good condition with no structural issues or clogging. The parking lots all drain towards the stormdrain inlets and then flow through pipes to the outfall (Local ID: M110006) in between the site and Veterans Highway to the West. This outfall also collects runoff from the Police Headquarters property. The outfall drains to a riprap and grass lined swale that are in good condition.

There were no concerns except for an improperly stored gas tank in the rear of the building. There was also a dumpster located in the rear of the parking lot, but it was closed, in good condition, and there was no trash in the surrounding area.



Fire Department Headquarters

6/30/2021



Figure 1: Aerial map of the Animal Control property

Purple Outline = Parcel boundary (includes Police Headquarters, Animal Control, and Fire Training Division)

Blue Star: Outfall located near site (Local ID: M110006)

Red Point: Improper liquid storage

Orange Point: Dumpster location

Green Point: Radio/microwave tower

*Fire Department Headquarters*

*Fire Department Headquarters*

6/30/2021



Figure 2: Improper liquid storage



Figure 3: Dumpster location in rear of parking lot.

6/30/2021



Figure 4: Outfall M110006.



Figure 5: Outfall M110006 riprap and grass channel.

**From:** Lukas Vander Linden  
Fire Department Headquarters  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**SUBJECT:** Harmans Dorsey Fire Co. 21

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

6/30/2021

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**Location Description:** Harmans Dorsey Fire Co. 21 **Approximate Address:** 1367 Dorsey Road, Hanover, MD 21076 **Date of Site Visit:** 09/16/2020  
**Concern:** Washdown Activity

**Details:**

Harman Dorsey Fire Co. 21 is located on the corner lot on the southeast corner of Ridge Road and Dorsey Road. The property includes a main garage building as well as a secondary structure and large grassed area. The main garage entry pad is located on the north of the property and connects to Dorsey Road, but the site also has a secondary entrance to the rear of the property that connects to Ridge Road towards the west of the property. The secondary entrance provides access to the rear of the building as well as the parking lot.

The main pad on Dorsey Road is curbed but does not have any storm drain inlets. The runoff flows north towards Dorsey Road and is captured offsite. The secondary entrance on Ridge Road is largely uncurbed so runoff sheet flows into the pervious lawn surrounding the parking lot and drive. The concrete pad in the rear of the station is curbed and does not have a storm drain inlet but does include an "outlet channel" that directs runoff into the pervious lawn just west of the main garage building. The rear pad looks to be the location of washing activities, and washwater residue is present in the outlet channel structure (Figure 2).



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*Fire Department Headquarters*

*6/30/2021*



6/30/2021



Figure 1: Aerial map of the Harmans Dorsey Fire Co. 21Purple Outline = Parcel Boundary  
Green Point = Washwater residue on parking lot outlet channel.

Harmans Dorsey Fire Co. 21

6/30/2021



Figure 2: Washwater residue on parking lot outlet to pervious lawn.

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Subject:** Harwood/Lothian Fire Co. 9

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

---

**Location Description:** Harwood/Lothian Fire Co. 9

**Approximate Address:** 5165 Solomons Island Road, Lothian, MD 20711

**Date of Site Visit:** 10/7/2020

**Concern:** improper bulk solid storage and potential washdown activity

**Details:**

This is a small site that only includes one building and an associated parking lot, and one storage shed. No outfalls were discovered on this site, and the runoff from the parking lot flows east towards the curb cut on the northeast corner of the lot (Figure 2). There is also a large tank assumed to be filled with fuel located just north of the parking lot (Figure 3). Improper storage of a tire and plow were identified near the shed (Figure 4), and potential washdown activity was identified close to the building in the rear lot (Figure 5). No washing was occurring, but water was present on the pavement and flowing towards the walkway (Figure 6).

An outfall was also identified onsite that was not in the reference layer, but it is small and no exact drainage area was identifiable. This outfall was dry at the time of the visit (Figure 7).





Figure 1: Aerial map of the Harwood Lothian Fire property  
Purple Outline: Parcel boundary  
Green Point: Storage shed  
Blue star: Outfall  
Red Point: fuel tank  
Purple point: improper bulk solid storage  
Blue point: curb cut draining parking lot  
Orange point: potential washdown activity  
Yellow Point: dumpster

6/30/2021



Figure 2: rear parking lot drainage through curb cut.



Figure 3: large liquid storage tank assumed to be filled with fuel.

6/30/2021



Figure 4: Improper bulk solid storage of tire and plow.



Figure 5: Potential washdown activity.

6/30/2021



Figure 6: pavement staining of potential washing activity.



Figure 7: Undocumented outfall.

6/30/2021



Figure 8: Well-maintained dumpster.

**From:** Alicia Ritzenhaler  
Paul Tomsula  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

**SUBJECT: Jacobsville Fire Station**

---

**Location Description: Jacobsville Fire Co 10**

**Approximate Address:** 3725 Mountain Road, Pasadena, MD 21146

**Date of Site Visit:** 09/22/2020

**Concern:** None, but site undergoing construction

**Details:**

The Jacobsville Fire Company 10 Fire Station is located on two parcels to the north of Mountain Road. This property consists of a fire station, a fueling station (Figure 1, yellow circle) and two celltowers in the northeast corner of the site, and a water tower on the northwestern corner of the site. During the field team's visit, the site was actively undergoing the construction of a replacement fire station in the space that was a parking lot to the east of the existing fire station. It was also noted that the station was not in active use at the time of the field visit. As such a field inspection was conducted for fueling station, water tower, and existing fire station, though a follow-up visit may be necessary when site construction is completed.

The existing fire station and previous parking lot are surrounded by silt fence and appear to be sufficiently protected. An inlet (Figure 1, orange circle) was observed in front of the existing station, and was found to be sediment free. Further north the fueling station, cell tower and additional parking (presently occupied by construction equipment) drain towards a grass conveyance channels that flows to the west and runs the length of the paved area. At the end of the channel is an inlet that connects to an outfall (Figure 1, green circle) located in the wooded area on the western edge of the site. The water tower is surrounded by grass and likely sheet flows into near vegetative areas.

The outfall on site was inspected and found not to be flowing. The outfall had moderate sediment deposits present, but not sufficient to restrict flow. An additional 8-inch RCP outfall was found next to the target outfall and was added to the reference layer.

The fueling station was inspected and found to be in good condition, with an emergency spill kit present and no signs of any spills on the surrounding pavement. The water tower also appeared in good condition with the spillway well maintained and stable. The field team, observed some uncovered soil related to construction activities though the soil was behind a silt fence and had construction equipment parked on top. The field team also observed a recycling area which was free and clear, but it also not likely in use presently.

No assessment of vehicles washing was made while on site.





Figure 1: Aerial map of Jacobsville Fire Station  
Blue Circle = water tower spillway  
Red Circle = uncover soil, behind silt fence  
Orange Circle = front inlet  
Yellow Circle = fueling station  
Green Circle = outfalls

Jacobsville Fire Co 10



Figure 2: Fueling station with emergency spill kit



Figure 4: Water tower spillway.





Figure 4: Uncovered soil behind silt fence.



Figure 5: Recycling area to the east of the existing fire station

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**SUBJECT:** Jessup Fire Co. 29

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

---

**Location Description:** Jessup Fire Co. 29

**Approximate Address:** 7891 Max Blobs Park Road, Jessup, MD 20794

**Date of Site Visit:** 09/16/2020

**Concern:** Other, potentially blocked inlet

**Details:**

The Jessup Fire Co. 29 is located on Max Blobs Park Road just southeast of the intersection between Annapolis Road and the Baltimore Washington Parkway. This site includes a main building including garage, several sheds, and a large fenced off area containing a radio tower and associated sheds.

The site does not have any obviously functional storm drain inlets. The main garage pad and parking lot on the north and west of the building drain north towards Max Blobs Park Road and then along Max Blobs Park Road west and away from the site. The rear of the property is uncurbed and recently paved. This area flows further southwest into the forested area between the parking lot and the radio tower. This is the location of the only inlet found on the site, but it doesn't look to capture any flow from the parking lot, the discharge location is unknown, and the inlet looks partially clogged.

The recycle and dumpster locations did not have any excess debris in the area and were in good condition.

The radio tower is fenced and inaccessible, but the drive and vehicle area within the fenced area were gravel and no inlets were observable.



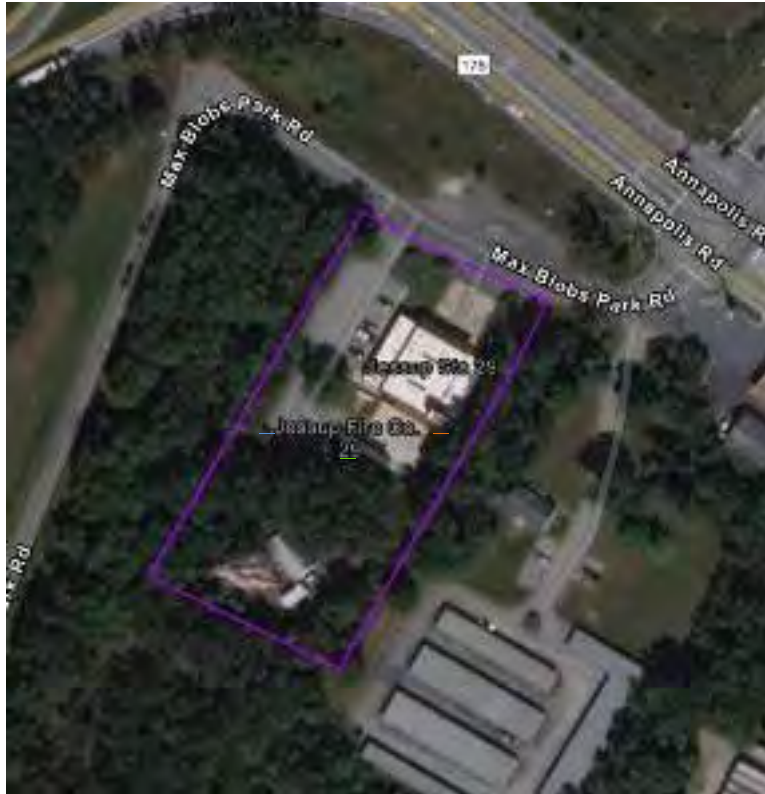


Figure 1: Aerial map of the Jessup Fire Co. 29 Purple Outline = Parcel Boundary Green Point = Inactive Stormdrain Inlet  
Orange Point = Recycle Area  
Blue Point = Dumpster



Figure 2: Stormdrain inlet near rear of parking lot.

**From:** Alicia Ritzenthaler  
Jones Station Fire Co 23  
Paul Tommila  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#) 6/30/2021

**SUBJECT: Jones Station Fire Co 23**

---

**Location Description:** Jones Station Fire Co 23

**Approximate Address:** 960 Ritchie Highway, Severna Park, MD 21146

**Date of Site Visit:** 09/22/2020

**Concern:** None

**Details:**

The Jones Station Fire Company 23 Fire Station is located on a parcel with Ritchie Highway to the North and Baltimore Annapolis Boulevard to the South. This property consists of the main fire station structure in the northwestern quadrant of the site, a small shed in the east of the site, a parking lot located off of Baltimore Annapolis Boulevard which spans the south extent of the parcel, and a main drive off of Ritchie Highway.

The parking lot, is sloped towards the west and drains to an inlet (Figure 1, red circle) which is located at the western edge of the parking lot. This same inlet also captures the concrete pad which connects the parking lot to the rear of the fire station. The inlet was found in good condition. The roof top of the fire station drains to the west and enters a dry pond (Figure 1, green circle), which is located in the northwestern corner of the parcel. The front driveway is sloped to the north and sheet flows toward Ritchie Highway. There is also a curb cut located on the western edge of the front driveway which allows for a portion of the flow from the front driveway to enter the dry pond. The dry pond was found to be well maintained, and inlets were free of any debris.

Washing of vehicles occurs in the rear of the facility (Figure 1, yellow circle). Washing water would sheet flow to the inlet on the western edge of the parking lot (Figure 1, red circle).

The field teams also noted a dumpster opposite of the storm inlet for the parking lot, which was found to be trash free with no signs of spills. An outdoor grill area was also present, near the southeastern edge of the main structure of the fire station. The grill was found to be well maintained with no concerns found. The field team observed a single drum of waste (Figure 1, blue circle), which was properly labeled with indication that MDE was to pick up the drum. The field team spoke with firefighting staff and they confirm the drum was from a call the previous night and that MDE was picking it up the afternoon of the field visit.

6/30/2021

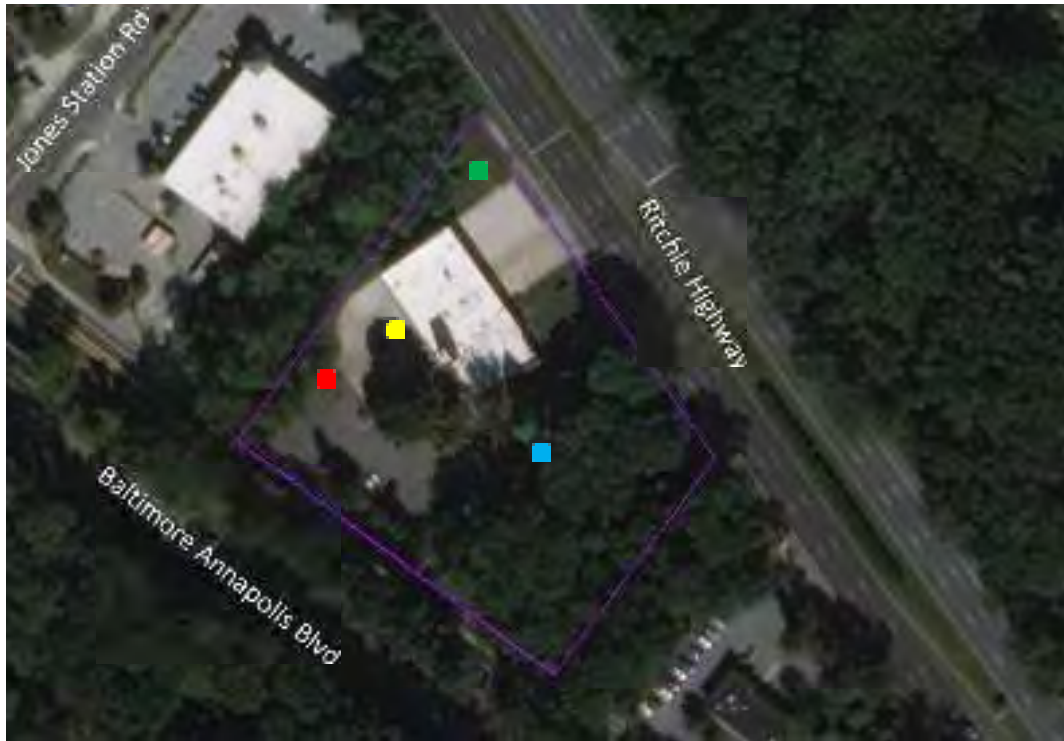


Figure 1: Aerial map of Jones Station Fire Station  
Red Circle = Parking lot inlet  
Blue Circle = Drum for MDE pickup  
Yellow Circle = Washing station  
Green Circle = Dry pond



6/30/2021

Figure 2: Parking lot inlet and concrete pad where washing occurs

6/30/2021



Figure 3: Curb cut inlet from front drive way into dry pond.



Figure 4: Dry pond riser structure and curb flow path to dry pond



6/30/2021



Figure 5: Roof downspouts which route flow to dry pond via inlet at the base of the splash block

## Memorandum

**From:** Alicia Ritzenthaler  
Paul Tomsula  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

**SUBJECT:** Lake Shore Fire Co 20

---

**Location Description:** Lake Shore Fire Co 20 **Approximate Address:** 4642 Mountain Road, Pasadena MD **Date of Site Visit:** 09/22/2020

**Concern:** None

### Details:

The Lake Shore Fire Co 20 has recently been moved from 4498 Mountain Road to 4642 Mountain Road (Figure 1). LimnoTech describes observations from their visit to both locations in this report.

The currently facility (4642 Mountain Road) features three stormwater management ponds onsite to treat the newly constructed Fire House, drive, and surface parking lot (Figure 2).

Ponds located on the western edge of the property and at the rear of the facility both capture runoff from the parking areas and rear drive (Figure 3). It appears that both the western and rear ponds outfall to the northwest edge of the property. The front drive sheet flows to the road with curb storage (Figure 4).

The stormwater pond in front of the building receives a portion of the rooftop's runoff while downspouts on the east side of the building sheet flow to the forested edge of the property (Figure 5).

The facility is well kept with no evidence of upland pollution sources present. No sign of improper vehicle washing was observed. The waste disposal and picnic/grill spaces are both clean and well maintained (Figure 6 and 7).



Figure 3: Western stormwater pond adjacent parking area



Figure 4: Front drive of Lake Shore Fire Co 20draining



Figure 5: Stormwater pond receiving rooftop runoff

Lakeshore Fire Co. 20



Figure 6: Waste Disposal Area



Figure 7: Picnic/Grill Area

It is not known if the County still owns the old Lake Shore Fire Co 20 facility and/or the property it is built on (4498 Mountain Road). It does not appear there is regular activity occurring at this location (Figure 8) however evidence of possible intermittent use was observed.

Any onsite washing activities would occur in front of the building (Figure 9). A trench drain in front of the garage doors appears to be in good condition.

A gated, but unlocked, fuel tank is present onsite in front of the Fire House (Figure 10). The fuel tank appears in satisfactory condition with no signs of leakage. Filled to approximately the 2.5ft mark however, the tank could be emptied or relocated if no longer in use at this facility.

Drums of grease are located behind the facility (Figure 11). They are in good condition but could be relocated out of the elements for added protection against exposure.

6/30/2021

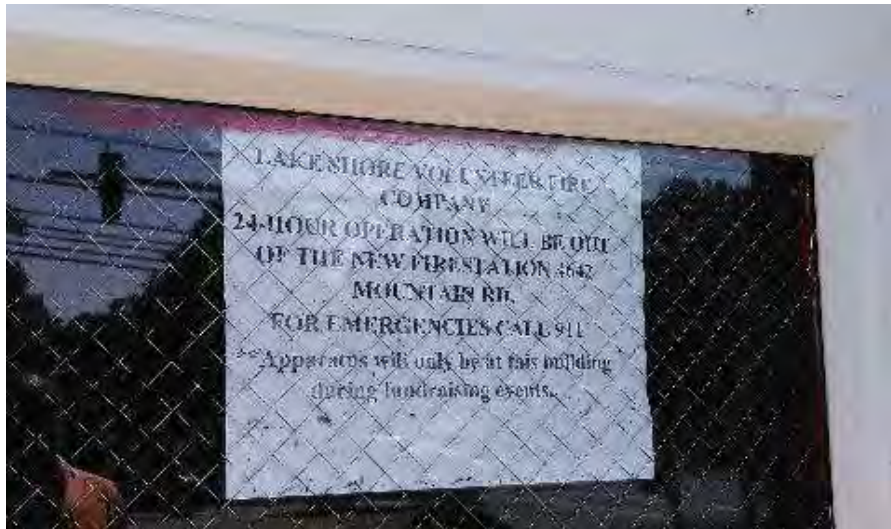


Figure 8: Signage posted at the old Lake Shore Fire Co 20 facility. Sign reads:

*“Lakeshore Volunteer Fire Co 24-Hour Operations will be out of the new fire station 4642 Mountain Rd. For Emergencies call 911. Apparatus will only be at this building during fundraising events”*



Figure 9: Evidence of washing activities in front of building; runoff captured by adjacent trench drain.

6/30/2021



Figure 10: Fuel tank in front of old Lake Shore Fire Co 20 facility



Figure 11: Barrels of grease behind old Lake Shore Fire Co 20 facility

**From:** Alicia Ritzenthaler  
Paul Tomsula  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

**SUBJECT: Linthicum Fire Co 32**

---

**Location Description:** Linthicum Fire Co 32

**Approximate Address:** 309 Camp Meade Rd, Linthicum Heights MD 21090

**Date of Site Visit:** 09/15/2020

**Concern:** None

**Details:**

The parcel on which the Linthicum Fire Co 32 is located is almost entirely impervious. There are no known outfalls located on the property. Stormwater sheet flows from the sites utilizing curb storage. No stormwater inlet is visible on or near the property.

At the time of our visit there were no obvious sources of upland pollution at this location. Trash and recycling area is clean and maintained. Grills onsite but show no evidence of oil or fuel drippings. Vehicle washing is most likely to occur at the front of the building along Camp Meade Road but could not be confirmed.



**From:** Alicia Ritzenthaler  
Paul Tomasula  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**SUBJECT:** **Marley Fire Company 18**

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

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**Location Description:** Marley Fire Company 18

**Approximate Address:** 7726 Baltimore Annapolis Rd, Glen Burnie, MD 21060

**Date of Site Visit:** 9/15/2020

**Concern:** None

**Details:**

The Marley Fire Company 18 is an exemplary demonstration of stormwater management practices at a County-owned property. This facility features permeable pavement (Figure 2), dry pond (Figure 3), and is well maintained.

The dumpster and recycling areas are clear with no discoloration or material outside of receptacles (Figure 4). Trench drains located in the front and rear of the building are clear with only minor sedimentation (Figure 5). Washing of trucks likely occurs in the rear of facility but unable to confirm. Firefighting staff confirmed that all potentially hazardous materials (e.g., fire-fighting foam) are stored in roofed facilities located onsite and are protected from weather.



Figure 1: Site Map

Purple polygon: County-owned Property

Orange polygon: Enlarged area of Marley Fire Co 18 site

Green polygons: Permeable Pavement

Blue lines: Trench Drains

Green dot: Dry Ponds

Red dot: Trash and recycling area



Marley Fire Co. 18



Figure 2: Permeable pavement



Figure 3: Dry Pond

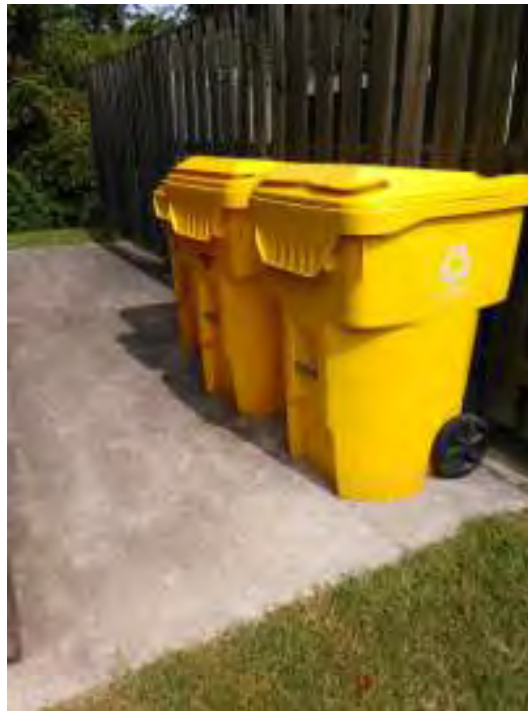


Figure 4: Trash and Recycling Areas



Figure 5: Trench drain

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**SUBJECT:** Maryland City Fire Co. 27

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

---

**Location Description:** Maryland City Fire Co. 27  
**Approximate Address:** 3498 Fort Mead Road, Laurel, MD 20724  
**Date of Site Visit:** 09/16/2020  
**Concern:** Illicit Liquid Storage

**Details:**

The Maryland City Fire Co. 27 is located on Fort Meade Road just west of Whiskey Bottom Road. The site consists of a main building and a shed in the back, as well as several parking areas. There are several storm drain inlets on the site, but none are blocked or requiring other maintenance at this time.

The front entry of the main garage on the east side of the main building is sloped towards Laurel Fort Mead Road. This appears to be a wash location, and there is potential wash water residue in the area of the storm drain inlet (See Figure 2).

This site also has improper liquid storage located near the shed in the rear of the property. It consists of several small plastic containers, and a large 55-gal drum. These liquids are not labeled, are not in secondary containment (not covered), and appear to be leaking fluid onto the pavement and the 55-gal drum is rusting. This liquid is running onto the pavement and will be washed to a nearby storm drain inlet if not resolved.

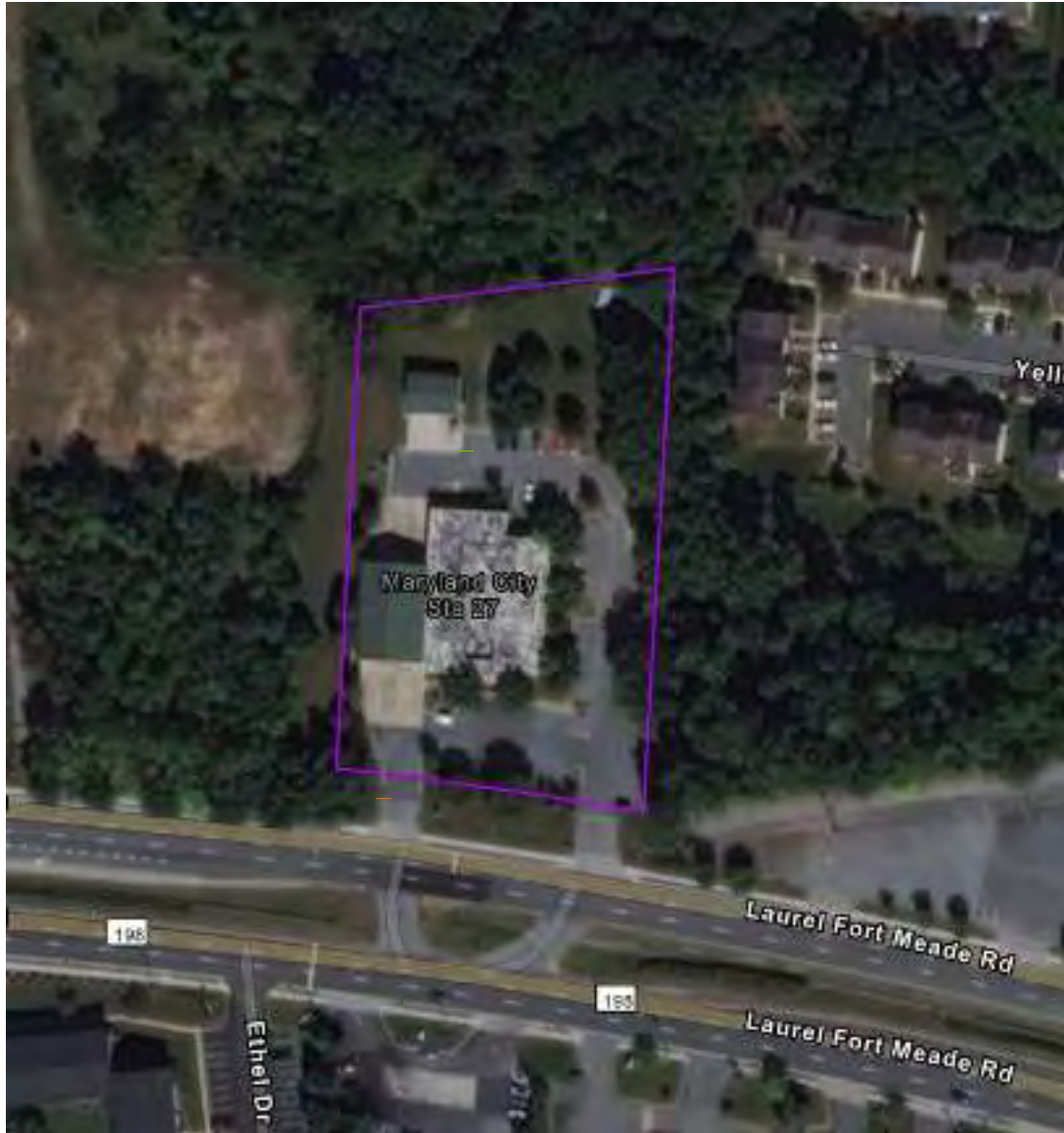


Figure 1: Aerial map of the Maryland City Fire Co. 27  
Purple Outline = Parcel Boundary  
Orange Point = Potential vehicle washing activity  
Green Point = improper liquid storage area.

Maryland City Fire Co. 27



Figure 2: Possible wash water drainage into the stormdrain inlet.



Figure 3: Improper liquid storage.

**From:** Lukas Vander Linden  
*Central Services – Millersville Garage*  
Saloni Dagh  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Subject:** **Central Services – Millersville Garage**

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

6/30/2021

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**Location Description:** Central Services – Millersville Garage **Approximate Address:** 425 Maxwell V Frye Jr Road, Millersville MD, 21108 **Date of Site Visit:** 9/23/2020

**Concern:** washdown activity, improper bulk solid storage, improper liquid storage, buried infrastructure.

**Details:**

The Millersville Garage is a large site that contains multiple buildings, parking lots, a water tower, a detention pond. It contains a car wash, garage, sanitation facility and bulk storage structure, the AACO central water facility, and the sanitation facility administration building.

There were multiple concerns on the site located in both the Millersville Garage area and the central sanitation area including washdown activity, improper bulk solid storage, improper liquid storage, and buried/clogged infrastructure.

In the fenced area within the Millersville garage there was washdown activity (Figure 2) as well as improper bulk solid storage of parts and tires (Figures 3 and 4) and improper liquid storage (Figure 5).

Within the Central Sanitation fenced area, the concerns are mainly centered near the bulk solid storage structure located in the rear of the parking lot. This location is also near the detention facility that manages the runoff for the parking areas. Bulk solids were stored under the canopy as recommended (Figure 6), but also outside the canopy (Figure 7). These solids were being washed off the pavement and into nearby storm drains that fed the detention facility (Figures 8 and 9).

The detention facility itself was fenced off and not accessible for investigation, so no assessments of the outlets in the detention pond were conducted. The detention facility did not look degraded through the fence, but it is likely that sedimentation is causing adverse effects especially on the southern edge of the facility. Additional concerns in the Central Sanitation fenced area were trash in the outlet draining the parking area just west of the detention facility, and improper bulk solid storage of pipes along the southern edge of the parking area.



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Figure 1: Aerial map of the Millersville Garage property  
 Purple Outline = Parcel boundary  
 Orange Point: Improper bulk solid storage  
 Green Point: Inaccessible outfalls within detention facility  
 Red Point: sedimented outfalls  
 Blue Point: Washdown activity  
 Yellow Point: Improper liquid storage  
 Purple point: Detention Facility

6/30/2021



Figure 2: Washdown activity.



Figure 3: Improper bulk solid storage of tires.

6/30/2021



Figure 4: Improper bulk solid storage of parts.



Figure 5: Improper liquid storage.

6/30/2021



Figure 6: Properly stored bulk solids.



Figure 7: Improper bulk solid storage of sand.

6/30/2021



Figure 8: clogged outlet near bulk solid storage.



Figure 9: clogged outlet near bulk solid storage.

6/30/2021



Figure 10: Trash present in outfall on west edge of detention facility.



Figure 11: Additional improper bulk solid storage.

**From:** Alicia Ritzenthaler  
Paul Tomasula  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**SUBJECT:** Orchard Beach Fire Company

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

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**Location Description:** Orchard Beach Fire Company No. 11 **Approximate Address:** 7549 Solley Rd, Glen Burnie, MD 21060 **Date of Site Visit:** 9/15/2020  
**Concern:** Waste Management; Outfall Maintenance

**Details:**

This site is located just south of Solley Park. A parking area surrounds the north section of the fire station which has both a front and back drive to/from the station.

Vehicle washing likely occurs at the rear of the fire station with wash water draining into a trench drain installed perpendicular to the rear drive (Figure 1). The drain has moderate sedimentation and light vegetation present but appears to be functional (Figure 2). It is unclear where the outfalls from this drain is located and/or if it outlets into an underground retention facility.

An outfall located at the northeastern corner of the property was 80% blocked with sediment, substantially restricting flow (Figure 3).

The clearing, northeastern adjacent to the rear drive, appears to possibly be used for on-site training. Several abandoned, burned, vehicles are present (Figure 4). Discoloration was present on the ground in this area but there were no signs that any vehicles were actively leaking fluid at the time of the visit.

At the southernmost corner of the fire station, at the rear of the building, LimnoTech observed 12 containers of liquid fire fighting foam (i.e., Aeroform Fluoroprotein foam) stored outdoors (Figure 5). Containers did not appear to be leaking or damaged at the time of the visit but storage may be improved by moving these materials indoors and/or by utilizing secondary containment.

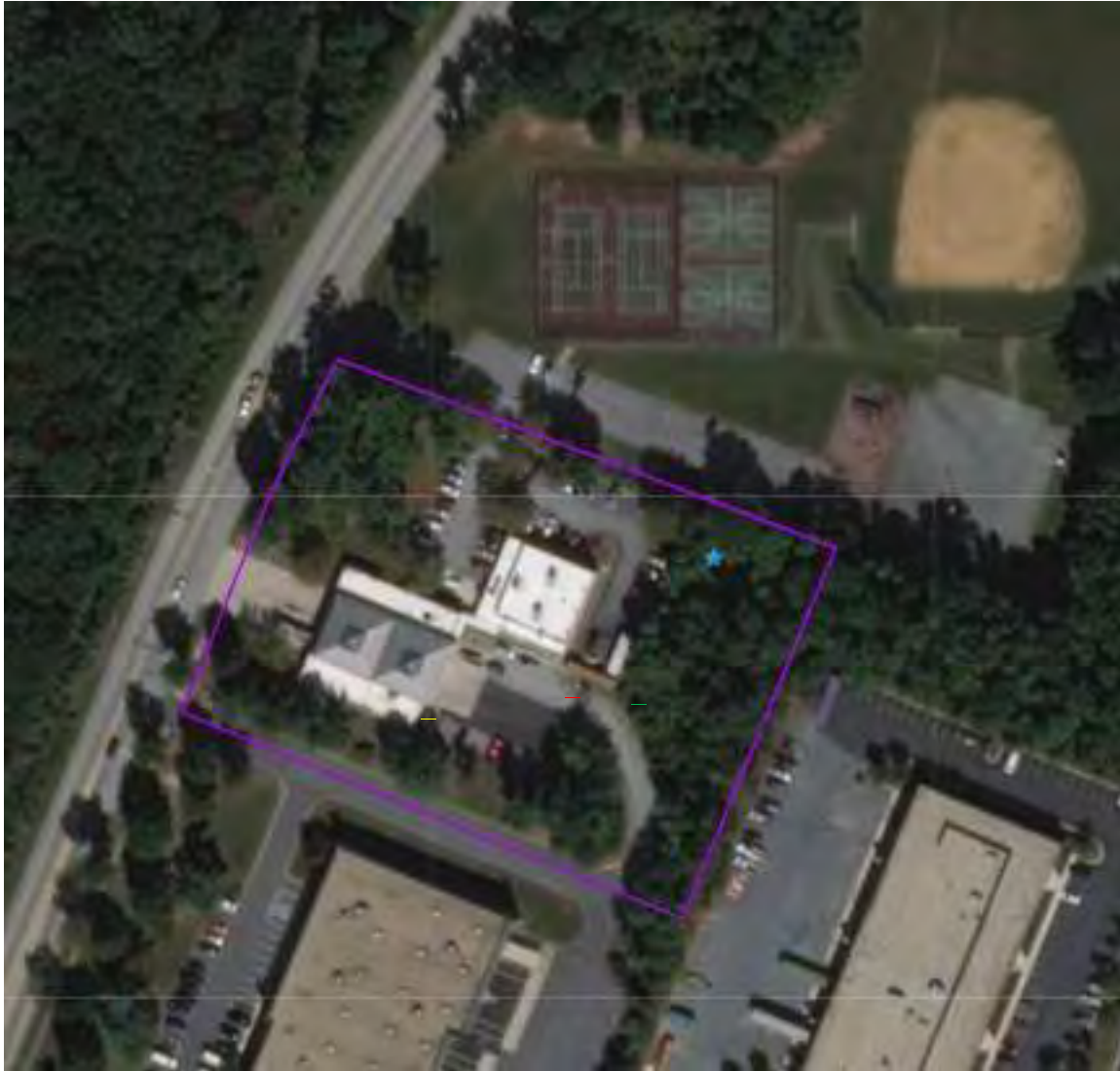


Figure 1: Aerial map of the Waugh Chapel Fire property  
Purple Outline: Parcel boundary  
Blue Star: Outfall  
Yellow Point: Outdoor storage of fire-fighting foam  
Green Point: Abandon vehicles  
Red Point: Trench Drain



Orchard Beach Fire Company No. 11



Figure 2: Trench Drain



Figure 3: Blocked Outfall



Figure 4: Abandoned vehicles located at assumed, onsite training area.



Figure 5: Outdoor storage of fire-fighting foam

**From:** Alicia Ritzenthaler  
Paul Tomsula  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

**SUBJECT: Eastern District Police Station**

---

**Location Description:** Eastern District Police Station **Approximate Address:** 204 Pasadena Rd  
Pasadena, MD 21122 **Date of Site Visit:** 09/22/2020

**Concern:** Blocked Inlet

**Details:**

The Police Eastern District Station is located on a parcel on Pasadena Road, with two entrances off of Altona Ave. This property consists of the police station located in the middle of the parcel, with a public parking lot in the front of the building to the south of parcel and a secure parking lot in the rear of the facility to the north of the parcel.

The site has a number of BMPs including the following:

- A micro bioretention (Figure 1, green circle) which drains a portion of the front parking lot, the majority of the roof of the police station, and the lawn in front of the police station via a yard inlet which outfalls into the micro bioretention;
- A rain garden (Figure 1, orange circle), which drain a portion of the rooftop as well as sheet flow from the lawn;
- Permeable pavement in the parking spaces of the front public parking lot.
- Two small landscape infiltration practice (Figure 1, purple circles) which capture the front parking lot area not managed by permeable pavement or the micro bioretention;
- An infiltration practice which manages the rear portion of the building as well as the secure parking lot. The field crew observed two manholes (Figure 1, blue circles) in the rear parking lot which appeared to be cleanouts for some type of underground BMP, which was later confirmed using the Urban BMP Database to be an underground infiltration trench.

The BMPs, with the exception of the infiltration trench were inspected visually and found to be in good condition. The number of BMPs and their spatial distribution indicates that nearly all of the stormwater generated on site is treated.

Washing of vehicles occurs in the rear of the facility (Figure 1, yellow circle). Washing water sheet flows to an inlet located near the northwestern corner of the rear parking lot. This inlet is connected to the infiltration trench and any wash water would be captured.



Eastern District Police Station

6/30/2021

During the site visit the field team found a single blocked inlet (Figure 1 – red circle) in a conveyance channel near the entrance to the front parking lot. The inlet was mulched over completely blocking flow. Additionally the field team observed a work crew temporarily storing mulch and trimmings on the permeable pavement. The work crew did blow off the pavement after completing work and there was no notable sign of clogging observed, but it's possible that finer sediment remained which could decrease the effectiveness of permeable pavement. The County should consider if there is a need to revise landscaping practices to avoid landscaping on permeable pavement if possible.

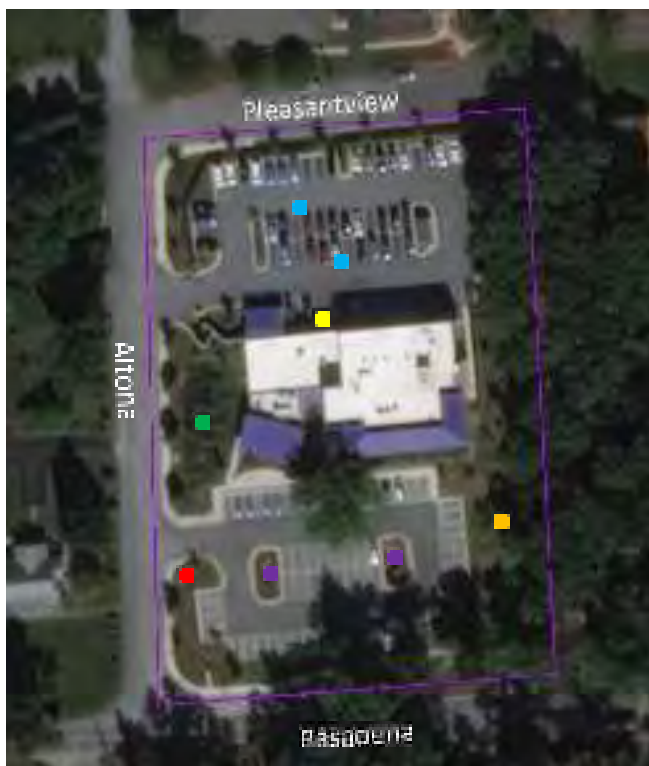


Figure 1: Aerial map of the Eastern District Police Station. Red Circle = Blocked inlet which has been mulched over. Yellow Circle = Vehicle washing area  
 Green Circle = Micro bioretention Orange Circle = Raingarden  
 Purple Circles = Landscape infiltration practices  
 Blue Circle = Manhole cleanouts associated with infiltration trench

6/30/2021



Figure 2: Blocked inlet which is mulched over.



Figure 3: Vehicle washing station located in the secure rear parking lot

Eastern District Police Station

Eastern District Police Station

6/30/2021



Figure 4: Inlet which portion of the lawn and routes to infiltration practice.



Figure 5: Downspout into stone lined conveyance channel leading to rain garden

6/30/2021



Figure 6: Parking lot inlet routing flow to micro bioretention.

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** 6/30/2021  
**SUBJECT:** Police Department Headquarters

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**Location Description:** Police Department Headquarters

**Approximate Address:** 8495 Veterans Highway, Millersville, MD 21108

**Date of Site Visit:** 9/23/2020

**Concern:** None

**Details:**

The Police Department Headquarters is located on a larger site that includes AACO Animal Control, the Fire Department Headquarters, and the Fire Department Training Division. This site is located at the intersection of Veterans Highway and Maxwell Frye Road.

The site consists of three buildings, several parking lots, and a large covered parking/storage area. The front parking lot is not curbed on the west edge, so flow either sheet flows in that direction to the lawn, or flows to the storm drain inlet located on the south drive of this lot. The remaining parking lots drain to various storm drain inlets throughout the lots and pipe flow to outfall M110006 along with the parking lots from the Fire Department Headquarters. This outfall is located near the Fire Department Headquarters and is in good condition.

There are no concerns on this site, all inlets are in good condition, and the dumpster area does not contain any debris. There were also no improper solid storage locations as everything looks to be stored in sheds near the southeast corner of the site.



Fire Department Headquarters

6/30/2021



Figure 1: Aerial map of the Police Department Headquarters property

Purple Outline = Parcel boundary (includes Police Headquarters, Animal Control, and Fire Training Division)

Orange Point: Dumpster location Green Point: Covered storage area Blue Point: Shed storage area

*Fire Department Headquarters*

*Fire Department Headquarters*

6/30/2021



Figure 3: Typical Police Headquarters inlet.

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**SUBJECT:** Police – Southern District

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

---

**Location Description:** Police – Southern District **Approximate Address:** 35 Stepneys Ln, Edgewater, MD 21037 **Date of Site Visit:** 10/7/2020  
**Concern:** washing activity

**Details:**

This site is located at the intersection of Howards Point Road and Stepneys Lane and has driveway entrances along both roads. Public entrance is along Stepneys Lane and has access to a visitors parking area, while a larger fenced in parking area has its entrance on Howards Point Road. The team was able to access the fenced area and investigate for potential issues.

There are two BMPs on site, but neither look to be operating as designed due to sedimentation, erosion, and lack of maintenance. BMP1 (see Figure 1) drains the fenced parking area through a curb cut that has some evidence of ponding (Figure 2). The rip rap should be lowered to below the level of the pavement to provide adequate drainage to the lot. BMP1 also is not vegetated and exhibits erosion as a result (Figures 3 and 4). This BMP also has what looks to be an overflow structure that has been somewhat clogged and should be cleaned (Figure 5).

BMP2 drains the visitor parking lot through a curb cut (Figure 6) and also the fenced parking lot just north of the BMP through a curb cut that also has evidence of ponding (Figure 7). This BMP is also not well maintained and looks to be rather old (Figure 8).

There was also washing activity happening at the time of the visit (Figures 9 and 10)

There was one outfall on the property that was not flowing. This outfall accepts flow from all parking areas on the site and outlets into BMP2.



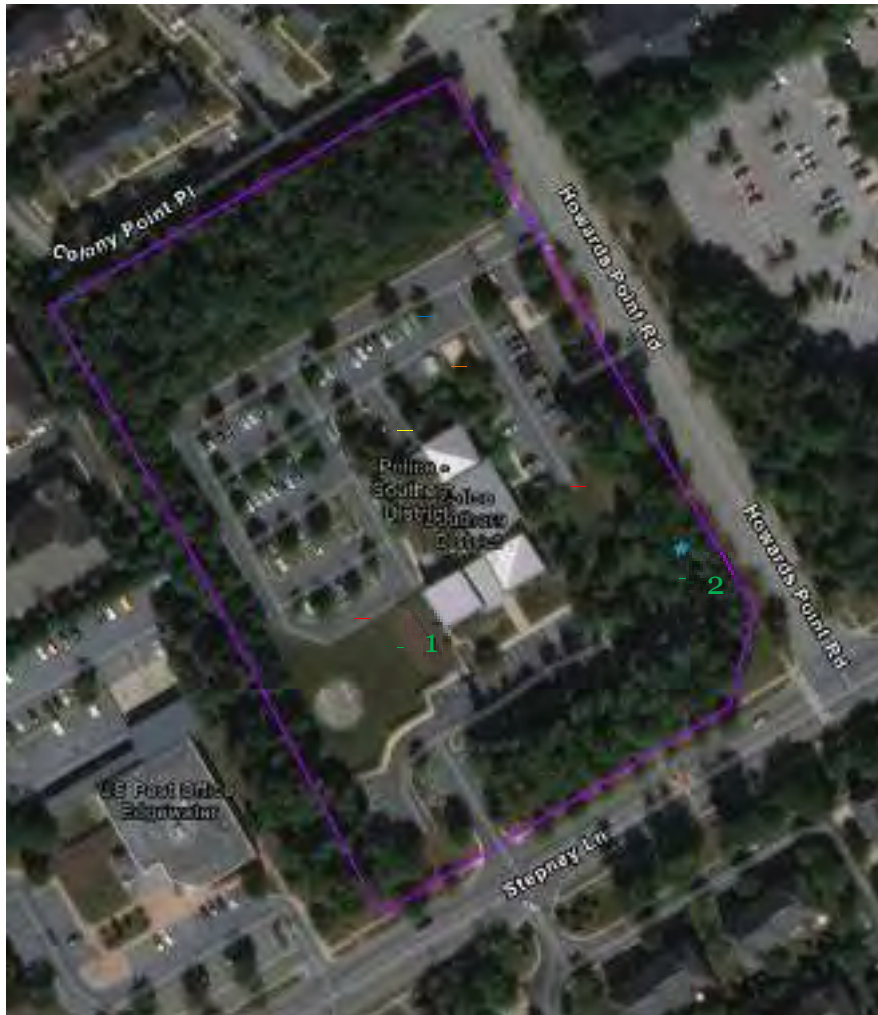


Figure 1: Aerial map of the Police – Southern District property  
 Purple Outline: Parcel boundary

- Yellow Points: Washing activity
- Green Points: BMP locations
- Red Point: Curb cut and clogging
- Blue Point: Shed storage
- Orange point: Dumpster area.

6/30/2021



Figure 2: Curb cut to BMP1 with evidence of ponding.



Figure 3: BMP1 showing lack of vegetation/maintenance.

6/30/2021



Figure 4: erosion and lack of vegetation in BMP1.



Figure 5: overflow structure for BMP1 is somewhat clogged and should be cleaned.

6/30/2021



Figure 6: Visitor Parking drainage



Figure 7: Ponding evidence just north of BMP2.

6/30/2021



Figure 8: Drainage into BMP2.



Figure 9: Washing activity



6/30/2021



Figure 10: Washing activity



Figure 11: Well-maintained dumpster area.

6/30/2021



Figure 12: Shed storage

**From:** Alicia Ritzenhaler  
Paul Tomsula  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

**SUBJECT:** Northern District Police Station

---

**Location Description:** Northern District Police Station **Approximate Address:** 939 Hammonds Ln, Brooklyn, MD 21225 **Date of Site Visit:** 09/15/2020

**Concern:** Blocked inlet

**Details:**

The Northern District Police Station is located on five (5) adjacent, county-owned parcels. This facility has a publicly accessible parking lot along Hammonds Lane, a building, and a secured parking lot behind the building.

The inlet at the northwest end of the public/visitor parking lot (Figure 1, red circle) is partially blocked with debris and filled with sediment (Figure 2).

In the rear of the facility one inlet was noted with minor vegetation but not restricting flow or warranting a follow-up (Figure 3). The wash station is located behind the facility as is adjacent storm inlet (Figure 1, yellow circle) (Figure 4). Recycling area was clear, but it was noted that one can was cracked. Fueling station in rear of facility was well kept. A spill response kit was present.

One (1) stormwater outfall is located on the property (Figure 5). The outfall is 24 inches in diameter and made of reinforced concrete. At the time of our visit this outfall was not flowing. Sediment deposits were present.



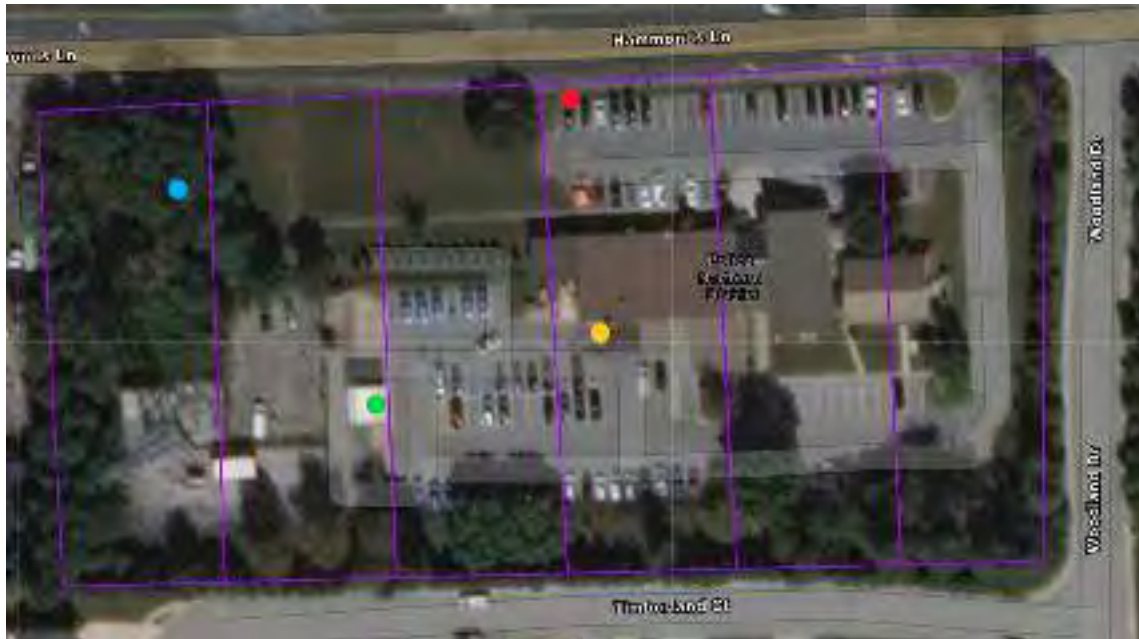


Figure 1: Aerial map of the Northern District Police Station. Blue Circle = Outfall  
Red Circle = Blocked inlet  
Yellow Circle = Vehicle washing area  
Green Circle = Fueling Station

Northern District Police Station



Figure 2: Partially blocked inlet at the Northern District Police Station



Figure 3: Partially vegetated inlet



Figure 4: Vehicle Washing Area



Figure 5: Stormwater outfall at the Northern District Police Station (Brooklyn, MD)

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**SUBJECT:** Police Training Academy

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

---

**Location Description:** Police Training Academy  
**Approximate Address:** 3737 Elmer F Hanger Ln, Davidsonville, MD 21035  
**Date of Site Visit:** 10/7/2020  
**Concern:** Buried Infrastructure, bulk solid storage

**Details:**

The Police Training Academy is a large site with multiple buildings, parking lots, BMPs and a track. Recent construction has been completed on a new training facility building, administrative building, track and field, as well as an enlarged parking lot and various BMPs. These new additions were constructed on the east portion of the site while the area on the west of the site has remained.

There are 16 identified outfalls on site. 15 of these outfalls were small stormwater outfalls directing roof/parking lot runoff to newly constructed BMPs, but one was a larger outfall discharging offsite (Blue Circle in Figure 1, outfall pictures Figures 2 and 3). This is a 24" CMP outfall that was not flowing but has some sedimentation and ponding. This outfall seems to be functioning as intended and does not require immediate maintenance.

Towards the west corner of the site behind the old training building is an unidentified stormwater structure. This structure appears to accept flow from a nearby storm drain inlet and grassed swale and is potentially an infiltration practice, but the team was not able to determine its precise function. It includes a gravel subbase and is planted with vegetation (See Figures 4 and 5).

This site includes many BMPs, most of which are functioning as designed, however there are two BMPs that are not functioning correctly. These are marked with a red circle in Figure 1. The first is an outlet channel that directs parking lot runoff to the southern BMP pond (Figure 6). This outlet contains debris and sediment consistent with ponding caused by the BMP backing up into the parking lot. The second is an outfall that directs flow towards the northeastern pond. This outfall is 24" and directs flow into the BMP which then looks to clog (See Figures 7 and 8). The team talked with someone at the site and found out that the situation is being resolved through the proper channels.

The site also has various bulk storage locations that need to be discarded or moved into secondary containment. These locations are marked with white points and are shown in Figures 10, 11, and 12.





2021

Figure 1: Aerial map of the Police Training Academy  
Purple Outline = Parcel Boundary  
Blue Stars: Stormwater Outfalls  
Dark Blue Circle: Large stormwater outfall  
Green Point = Old training building  
Red Point = Ponding BMPs  
Orange Point = Shooting Range  
Purple Point = Unidentified stormwater structure  
Black Point = Dumpster area.  
White Points = Improper bulk solid storage.



6/30/2021



Figure 2: Large outfall directing flow offsite.



Figure 3: Large outfall discharge area.

6/30/2021



Figure 4: Unidentified stormwater structure.



Figure 5: Unidentified stormwater structure and storm drain inlet.

6/30/2021



Figure 6: Ponding area just upstream of BMP ponds.



Figure 7: BMP clogging just downstream of outlet.

6/30/2021



Figure 8: Outfall just upstream of clogging BMP.



Figure 9: Dumpster area.

6/30/2021



Figure 10: Bulk solid storage (building materials)



Figure 11: Bulk solid storage (signs and posts)

6/30/2021



Figure 12: Bulk solid storage (wood and construction debris)



Figure 13: Newly installed BMP near administrative building.

6/30/2021



Figure 14: Newly installed BMP north of new training building.

**From:** Lukas Vander Linden  
*Police – Western District*  
Saloni Dagli  
**Date:** 6/30/2021  
**Project:** ANAE14ENV4 6/30/2021  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**CC:** [Click here to enter text.](#)  
**SUBJECT:** Police – Western District

---

**Location Description:** Police – Western District

**Approximate Address:** 8273 Telegraph Road, Odenton, MD 21113

**Date of Site Visit:** 09/16/2020

**Concern:** Illicit Liquid Storage

**Details:**

The Western District Police station is located on telegraph road south of the intersection with the Patuxent Freeway. The site has driveway entrances on Telegraph Road., Crossroads Drive., and Anderson Court and consists of the main station building, a visitor parking area on the west of the property near Telegraph Road, a fenced fleet parking area on the east of the property near Anderson Court, and a fenced detention pond between the fleet parking area and Anderson Court.

There were no stormdrain inlets identified on the site but there were several “outfall channels” where curb cuts allowed rainwater runoff to flow into adjacent pervious area. One notable outfallchannel is located near the detention pond and provides conveyance of stormwater to the detention pond (Figure 2). This channel has small amounts of sediment/debris and is vegetated above the pavement level but is functioning as intended.

The dumpster and recycle area were in good condition with no debris surrounding the area, butthere were two drums of window washing fluid located outside of secondary containment that need to be correctly stored (Figure 3).



6/30/2021



Figure 1: Aerial map of the Police Western District  
Purple Outline = Parcel Boundary

Green Point = Outfall channel to detention pond

Red Point = Illicit liquid storage of window washing fluid  
Orange Point = Trash and recycle area

Yellow Point = Detention pond

Police – Western District

Police – Western District

6/30/2021



Figure 2: outlet channel to detention pond.



Figure 3: Illicit liquid storage of window washing fluid.

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**SUBJECT:** Severn Fire Co. 4

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

---

**Location Description:** Severn Fire Co. 4

**Approximate Address:** 7870 Telegraph Road, Severn, MD 21144

**Date of Site Visit:** 09/16/2020

**Concern:** Other, Illicit Liquid Storage

**Details:**

Severn Fire Co. 4 is located on Telegraph Road south of Reece Road/Donaldson Ave. This site includes a main building, shed, large detention pond, parking lot and driveway that connects to Telegraph Road twice to form a loop.

The entire site drains away from Telegraph Road towards the detention pond in the back. The main garage entrance to the north flows to an inlet near the garage door. The parking lot drive just to the south drains either to an inlet located in the parking lot or to an outfall channel near the pond. This outfall channel leads to a swale that then conveys flow through an inlet, pipe, and into the detention pond. The detention pond is fenced and not accessible, but several outlets are visible and did not appear to be flowing at the time of site visit.

This site also contains a car wreckage training area where several wrecked vehicles are stored (Figures 2 and 3). These vehicles could be sources of rust, oils, washer fluid, and gasoline and should be properly stored or disposed of.

This site also contains illicit liquid storage of gas tanks near the shed (Figure 4). These canisters should be properly stored in secondary containment.







Figure 2: Car wreckage training location.



Figure 3: Car wreckage training location.



Figure 4: Illicit liquid storage.

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Subject:** South Glen Burnie Fire Co. 26

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

---

**Location Description:** South Glen Burnie Fire Co. 26  
**Approximate Address:** 7880 Crain Highway S, Glen Burnie, MD 21061  
**Date of Site Visit:** 9/23/2020  
**Concern:** Washing Activity

**Details:**

This site is located on Crain Highway near the intersection with Hidden Brook Drive. This site has a main garage entrance and a secondary driveway that leads to the parking lot in the rear. This site is also the location of a water tower behind the main fire station building.

During the first visit (9:00am) to this site staff were actively washing a fire engine on the rear garage pad (red point in Figure 1). Washwater flowed south to a storm drain inlet that captured flow and conveyed it to a nearby outfall. This outfall was actively flowing and showed obvious foam/bubbles from the washing activity. This discharge was tested and was exceeding the detergents limit (See Figure 2 through Figure 6). The team reinvestigated the site 4 hours later and the washing activity had stopped and the outfall was no longer flowing. Because the outfall did not exceed thresholds twice it was not marked as illicit and was not reported.



Figure 1: Aerial map of the South Glen Burnie Fire Co. 26  
Purple Outline = Parcel Boundary  
Orange Point = Washwater affected outfall  
Red Point = Washwater affected outfall



6/30/2021



Figure 2: Washing activity during first test.



Figure 3: Stormdrain inlet accepting wash water runoff during first test.

6/30/2021



Figure 4: Outfall during first test and washing activity.



Figure 5: Outfall during first test and washing activity.

6/30/2021



Figure 6: Outfall discharge area during first test and washing activity.



Figure 7: Outfall during second test, after washing activity and not actively flowing.

6/30/2021



Figure 8: Outfall discharge area during second test, after washing activity and not actively flowing.

**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**Subject:** **Waugh Chapel Fire Co. 5**

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

---

**Location Description:** Waugh Chapel Fire Co. 5  
**Approximate Address:** 1300 Riedel Road, Gambrills, MD 21054  
**Date of Site Visit:** 10/7/2020  
**Concern:** None

**Details:**

This site is located at the intersection of Crain Highway and Riedel Road. IT includes one building, a main concrete pad driveway and a secondary asphalt driveway and parking lot. The front drive is curbed but drains towards the road and does not include any stormdrain inlets. Thesecondary driveway and associated parking lot is not fully curbed and flow sheet flows off the pavement.

There were no immediate concerns identified on the site. On the rear pad there is evidence of potential wash water, but this could not be confirmed (Figure 2). This site also had what looks to be an air conditioning generator near the building (Figure 3).

One outfall was identified on the site but was not flowing and a drainage area could not be determined (Figures 4 and 5).





Figure 1: Aerial map of the Waugh Chapel Fire property  
Purple Outline: Parcel boundary  
Blue Star: Outfall Yellow Point: Shed Green Point: Generator  
Blue Point: Potential wash activity

Waugh Chapel Fire Co. 5



Figure 2: Potential washing activity location.



Figure 3: Potential air conditioning generator.



Figure 4: Dry outfall.



Figure 5: vegetated area draining outfall.



**From:** Lukas Vander Linden  
Saloni Dagli  
**To:** Anne Arundel County Bureau of  
Watershed Protection and Planning  
Attn: Janis Markusic and Doug Griffith  
**SUBJECT:** **West Annapolis Fire Co 40**

**Date:** 6/30/2021  
**Project:** ANAE14ENV4  
**CC:** [Click here to enter text.](#)

---

**Location Description:** West Annapolis Fire Co. 40 **Approximate Address:** 121 Jennifer Road  
Annapolis, MD 21401 **Date of Site Visit:** 10/7/2020  
**Concern:** none, active construction onsite

**Details:**

This property is located on Jennifer Road and consists of two parcels. Only the parcel that contains the West Annapolis Fire Co. building and parking lot was visited. Unfortunately this FireCo. was under active construction at the time of the visit including milling the front driveway as well as earthwork being done in the rear of the property. The construction in the rear of the property included recently paved drive and what looked to be a stormwater pond draining the rear parking lot, but it was difficult to determine due to active construction.

The team did not find any non-construction related issues on the site, but construction made it hard to determine.



Figure 1: Aerial map of the West Annapolis Fire Co. 40 property  
Purple Outline: Parcel boundary  
Yellow Points: Active Construction locations  
Blue Point: Storage shed



Figure 2: Front driveway pad undergoing construction.



Figure 3: Front driveway pad undergoing construction.





Figure 4: Fresh earthwork done in rear of property.



Figure 5: fresh pavement in rear of property.





Figure 6: Storage shed in good condition.

# Appendix E: County Compliance Database Reports

---





## Complainant Information

Source

Person



[Redacted] [Redacted] [Redacted] [Redacted]

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

DRAINING POOL WATER

Address

[Redacted]

[Redacted]

[Redacted] [Redacted]

[Redacted]

SEVERNA PARK

MD

21146

Subdivision

Subdivision

Location Details

Location Details

Received Date



04/06/2021 09:45 AM

System ID

104115

Tickler Date



04/16/2021 09:45 AM

Case ID

E-2021-177

Completed Date



04/09/2021 09:31 AM

Receiver

[Redacted] [Redacted]



## Owner Information

[Redacted] [Redacted] (XXX)-XXX-XXXX

[Redacted]

Company Name

Email

Address

[Redacted]

[Redacted]

RD

SEVERNA PARK

MD

21146

District

[Redacted]

[Redacted]

## Violator Information

Set Violator Same as Owner

[Redacted] [Redacted] (XXX)-XXX-XXXX

[Redacted]

Company Name

Address [Redacted] [Redacted] [Redacted]

SEVERNA PARK MD 21146

### Assignment Information

Date Assigned 04/06/2021 09:45 AM

Warning [x]  
Please, select row

Inspector [Redacted] (current caseload: 29) Supervisor [Redacted]

Permit Number Waterfront N

Original Case ID Critical Area Y

ADC Map Cty. Council N

Case Organization

### Case Details

DRAINING POOL WATER



## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property

Case #	Received Date	Status	Summary	
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## Related Cases

type a case number or click to see related cases



Closed

## Case Timeline

First Closed on Apr 09, 2021 by  

Last updated on Apr 09, 2021 by  

### Note

INSPECTOR  SPOKE WITH COMPLAINANT MR.  ON 04/13/2021, AT 0830 HOURS. DISCUSSION ADDRESSED DEPT OF HEALTH AS SOLE ENFORCEMENT FOR ABANDON POOLS. INP ENFORCEMENT OF ARTICLE 16-5-101 (11) WOULD APPLY IF POOL PUMPING CAUSES A SOURCE OF SEDIMENT DEPOSITION OR EROSION OR IF ACTIVE POOL WATER BEING PUMPED IS WITNESSED BY INP INSPECTOR AND WATER HAS BEEN CHEMICALLY TREATED WITHIN 30 DAYS OR LESS AND COULD BE DEEMED AS AN ILLICIT DISCHARGE. COMPLAINANT UNDERSTOOD ENFORCEMENT REQUIRMENTS FOR INP TO TAKE ACTION AND INDICATED THAT DEPT OF HEALTH HAS A CURRENT LIMITATION TO ACT UPON NOTICE OF VIOLATION UNTIL MAY 2021. COMPLAINANT WILL CONTINUE TO WORK WITH DEPT OF HEALTH AND WILL CONTACT INSPECTOR FORD IF ACTIVE PUMPING CAN BE WITNESSED AND TESTED FOR CHLORINE OR OTHER ILLICIT NUTIRENTS OR CHEMICALS.

APRIL 13, 2021 by: 

### CLOSE COMPLAINT

DEPARTMENT OF HEALTH CONDUCTS ENFORCEMENT OF ABANDON POOLS AND HAS PREVIOUSLY ISSUED NOTICE OF VIOLATION (NOV). NO OBSERVED EVIDENCE OF VIOLATION OF ARTCLE 16-5-101(11). COMPLAINT CLOSED.

APRIL 9, 2021 by: 

 Note

INSPECTOR [REDACTED] ATTEMPTED INSPECTION ON 04/06/2021, BUT WAS UNABLE TO ACCESS PROPERTY WITHOUT PROPERTY OWNERS PERMISSION. FROM VISUAL OBSERVATION FROM THREE SURROUNDING COUNTY OWNED ROADS, A GREEN GARDEN HOSE WAS SEEN BY POOL PERMETER BUT NOT OBSERVED TO BE ACTIVELY DISCHARGING OR DIRECTED TO PROPERTY BOUNDARY. NO ACTIVE DISCHARGE WAS OBSERVED DRAINING TO COUNTY ROADS, STORM DRAINS OR RIGHT-OF-WAY. PRIOR 2020 COMPLAINT CONTAINS NOTES AND PHOTO DOCUMENTATION OF CONDITIONS ON SURROUNDING PROPERTIES. NO EVIDENCE OF VIOLATION OF ARTICLE 16-5-101 FOR INP TO TAKE ENFORCEABLE ACTION(S), SPECIFICALLY, NO VISUAL EVIDENCE OF (11) CREATING A SOURCE OF OFF-SITE SEDIMENT DEPOSITION OR EROSION. INSPECTOR [REDACTED] WILL BE SENDING MDE ISSUED SWIMMING POOL OWNERS GUIDANCE MANUAL AND BWRP COUNTY ILLICIT DISCHARGE MATERIALS TO PROPERTY OWNERS. DEPARTMENT OF HEALTH HAS ENFORCEMENT OF ABANDON SWIMMING POOLS AND HAS PREVIOUSLY ISSUED PROPERTY OWNERS WITH NOTICE OF VIOLATION (NOV) - CONTACT DEPARTMENT OF HEALTH FOR NOV RECORDS.

APRIL 9, 2021 by: [REDACTED]

*Created on Apr 06, 2021 by [REDACTED] [REDACTED]*



## Complainant Information

Source

Person



[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

Cloudy, turbid water in Muddy Run periodically documented during MRA water monitoring.

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

PASADENA

MD

21122

Subdivision

Subdivision

Location Details

Possible source from

[REDACTED]

Received Date



04/06/2021 11:11 AM

System ID

104119

Tickler Date



04/16/2021 11:11 AM

Case ID

E-2021-179

Completed Date



04/23/2021 12:24 PM

Receiver

[REDACTED]



## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

[REDACTED]

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

PASADENA

MD

21122

District

District

Council Member

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[Redacted]

[Redacted]

Address

[Redacted]

[Redacted]

[Redacted]

PASADENA

MD

21122

### Assignment Information

Date Assigned

🕒 04/06/2021 11:11 AM

Warning ✖  
Please, select row

Inspector

[Redacted] [Redacted] (current caseload: 29) ▼

Supervisor

[Redacted] [Redacted] (302) ▼

Permit Number

[Redacted]

Waterfront

N ▼

Original Case ID

[Redacted]

Critical Area

N ▼

ADC Map

[Redacted]

Cty. Council

▼

Case Organization

[Redacted]

### Case Details

Cloudy, turbid water in Muddy Run periodically documented during MRA water monitoring.

## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property



Case #	Received Date	Status	Summary	
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## Related Cases

type a case number or click to see related cases




Closed

## Case Timeline

First Closed on Apr 23, 2021 by  






Last updated on Apr 23, 2021 by  

### CLOSE COMPLAINT

FOLLOWING TWO INSPECTIONS, WITHOUT WITNESSING ANY SEDIMENT SOURCE OR TURBID WATER, INSPECTOR  NOTIFIED COMPLAINANT OF FINDINGS AND PROPOSED THAT A POSSIBLE SOURCE MIGHT HAVE BEEN DUE TO ACTIVE POND MAINTENANCE (MUCKING AND POND BASIN EXCAVATION FOR FOREBAY CREATION) BEING CONDUCTED BY THE BUEARU OF WATERSHED RESTORATION AND PROTECTION (DPW) ON THE COUNTY PUBLIC POND BMP 3670 IN FARMINGTON VILLAGE ON BELL TOWER CROSSING, PASADENA, MD. COMPLAINANT WAS ADVISED TO CONTACT INSPECTOR  IF ANY FURTHER INCIDENTS OF TURBID WATER IS OBSERVED. INSPECTOR  WILL CONDUCT ROUTINE DRIVE-BYS OFF OLD MILL ROAD TO ALSO MONTIOR MUDDY RUN STREAM CONDITIONS.

APRIL 23, 2021 by: 

### Note

INSPECTOR  AND INSPECTOR  CONDUCTED SECOND ON-SITE UPSTREAM INSPECTION ON 04/07/2021, AT 1500 HOURS BY ACCESSING MUDDY RUN FROM OLD MILL ROAD, PASADENA, MD. NO EVIDENCE OF SEDIMENT OR TURBID WATER WAS OBSERVED DURING INSPECTION. AFTER TRAVELING UPSTREAM APPROXIMATELY 500 YARDS, INSPECTOR  AND INSPECTOR  WERE UNABLE TO ACCESS THE PROPERTY OR CONTINUE THE STREAM CORRIDOR ASSESSMENT AS THERE WAS PRIVATE PROPERTY / NO TRESPASSING SIGNAGE WITH WIRE FENCING PREVENTING UPSTREAM ACCESS AT THE ADDRESS OF .

PASADENA, MD.

APRIL 23, 2021 by: [REDACTED]

 Note

INSPECTOR [REDACTED] AND INSPECTOR [REDACTED] CONDUCTED ON-SITE DOWNSTREAM INSPECTION ON 04/02/2021, AT 1500 HOURS BY ACCESSING MUDDY RUN FROM THE COUNTY SWM POND OUTFALL LOACTED IN FARMINGTON VILLAGE OFF BELL TOWER CROSSING, PASADENA, MD. NO EVIDENCE OF SEDIMENT OR TURBID WATER WAS OBSERVED DURING INSPECTION. AFTER TRAVELING UNDER ROUTE 100 VIA STORMWATER CULVERT PIPE, PROPERTY OF [REDACTED] AND MUDDY RUN WAS FENCED, MARKED WITH SIGNAGE INDICATING SURVELLIANCE CAMERAS WERE RECORDING ALL ACTIVITY ON THE PROPERTY. INSPECTOR [REDACTED] AND INSPECTOR [REDACTED] WERE UNABLE TO ACCESS THE PROPERTY OR CONTINUE THE STREAM CORRIDOR ASSESSMENT. A SECOND ATTEMPT WILL BE MADE THE FOLLOWING WEEK CONDUCTING ASSESSMENT FROM BELOW PROPERTY TRAVELING UPSTREAM.

APRIL 23, 2021 by: [REDACTED]

*Created on Apr 06, 2021 by [REDACTED] [REDACTED]*



## Complainant Information

Source

SeeClickFix

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

ILLEGAL DISCHARGE - HEATING FUEL RUNNING OFF OF PROPERTY

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

GLEN BURNIE

MD

21060

Subdivision

Subdivision

Location Details

Location Details

Received Date



04/06/2021 12:37 PM

System ID

104126

Tickler Date



04/16/2021 12:37 PM

Case ID

E-2021-183

Completed Date



[REDACTED]

Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Owner, Second Name

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

GLEN BURNIE

MD

21060

District

2

Allison Pickard

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Violator Second Name

Company Name

Address

█ █ █  
GLEN BURNIE MD 21060

### Assignment Information

Date Assigned

🕒 04/06/2021 12:37 PM Warning

Inspector

█ █ (current caseload: 39) Supervisor █ █ (302)

Permit Number

Waterfront N

Original Case ID

Critical Area N

ADC Map

Cty. Council N

Case Organization

### Case Details



## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property

Case #	Received Date	Status	Summary
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## Related Cases

type a case number or click to see related cases

Closed

## Case Timeline +

First Closed on Apr 12, 2021 by [REDACTED]

Last updated on Apr 12, 2021 by [REDACTED]

### Note

Inspector went to site on 4/12/2021. Absorbent material was cleaned up and removed from site. No new discharge. Case closed.

APRIL 12, 2021 by: [REDACTED]

### Note

Inspector went to the site on 4/8/2021. The realtor for the property explained to the inspector that it was the fuel tank that was leaking near the foundation of the house and got into the sump pit for the house. The sump pump was pumping out heating fuel. The property owner removed the old tank from the property and put an absorbent substance where the fuel had been pumped. The owner is going to clean up the absorbent substance and monitor the situation. The inspector will also continue to monitor the site.

APRIL 8, 2021 by: [REDACTED]

### Note

Inspector went to the site on 4/7/2021. The inspector witnessed the discharge. The fluid killed the grass and smelled like fuel. There was a fuel tank on the property. Inspector was able to contact the real estate agent for the property and instructed the realtor to explain the situation to the property owner. Inspector is requiring that the leak is located and stopped. Also, the fuel on the sidewalk

and road will need to be cleaned up by the owner or a contractor. Inspector will continue to monitor the site.

APRIL 7, 2021 by: [REDACTED]

*Created on Apr 06, 2021 by [REDACTED] [REDACTED]*



## Complainant Information

Source

Anonymous

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

ILLEGAL DISCHARGE COMPLAINT

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

SEVERN

MD

21144

Subdivision

Subdivision

Location Details

Location Details

Received Date



04/09/2021 11:01 AM

System ID

104160

Tickler Date



04/19/2021 11:01 AM

Case ID

E-2021-192

Completed Date



Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Owner, Second Name

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

SEVERN

MD

21144

District

[REDACTED]

[REDACTED]

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Violator Second Name

Company Name

Address

█

██████████

█

SEVERN

MD

21144

## Assignment Information

Date Assigned



04/09/2021 11:01 AM

Warning



Please, select row

Inspector

█

█

(current caseload: 20)

Supervisor

█

█

(302)

Permit Number

Waterfront

N

Original Case ID

Critical Area

N

ADC Map

Cty. Council

Y

Case Organization

## Case Details

Call came from █

4-9-21

Inspector █ investigated and spoke with █. When meeting with Mr. █ no discharge from pool was present. Informed Mr. █ the procedure for pool discharge. Will close complaint.

## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property

Case #	Received Date	Status	Summary
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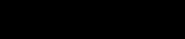
## Related Cases

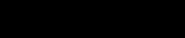
type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Jun 01, 2021 by 

Last updated on Jun 01, 2021 by 

Created on Apr 09, 2021 by  



## Complainant Information

Source

SeeClickFix



## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

ILLEGAL DISCHARGE

Address

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

BROOKLYN PARK

MD

21225

Subdivision

Subdivision

Location Details

Location Details

Received Date



04/13/2021 07:38 AM

System ID

104210

Tickler Date



04/23/2021 07:38 AM

Case ID

E-2021-208

Completed Date



[REDACTED]

Receiver

[REDACTED]



## Owner Information

First Name

Last Name

(XXX)-XXX-XXXX

Owner, Second Name

[REDACTED]

Email

Address

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

BROOKLYN PARK

MD

21225

District

[REDACTED]

[REDACTED] [REDACTED]

## Violator Information

Set Violator Same as Owner

First Name

Last Name

(XXX)-XXX-XXXX

Violator Second Name

[Redacted]

Address

[Redacted]

[Redacted] [Redacted]

[Redacted]

BROOKLYN PARK

MD

21225

### Assignment Information

Date Assigned

🕒 04/13/2021 07:38 AM

Warning

Inspector

[Redacted] [Redacted] (current caseload: 39)

Supervisor

[Redacted] [Redacted] (302) ▼

Permit Number

Waterfront

N ▼

Original Case ID

Critical Area

Y ▼

ADC Map

Cty. Council

N ▼

Case Organization

### Case Details

[Empty Case Details Area]

## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property

Case #	Received Date	Status	Summary
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## Related Cases

type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Apr 14, 2021 by [REDACTED]

Last updated on Apr 14, 2021 by [REDACTED]



### Note

Inspector went to the site on 4/13/2021. Inspector located the source of the water. Inspector tested the water for chlorine. The water tested positive for chlorine. Inspector spoke with the trailer park supervisor and the inspector was told that the leak was already being looked at by the county utility department and the responsible party was trying to be determined. Case closed.

APRIL 14, 2021 by: [REDACTED]

Created on Apr 13, 2021 by [REDACTED]





## Complainant Information

Source

Person



[REDACTED]

[REDACTED]

[REDACTED]

Email

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

ILLEGAL DISCHARGE COMPLAINT

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

EDGEWATER

MD

21037

Subdivision

Subdivision

Location Details

Location Details

Received Date



04/20/2021 02:49 PM

System ID

104334

Tickler Date



04/30/2021 02:49 PM

Case ID

E-2021-238

Completed Date



04/20/2021 08:58 PM

Receiver

[REDACTED]



## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

EDGEWATER

MD

21037

District

District

Council Member

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX


[Redacted]


Company Name

Address [Redacted] [Redacted] [Redacted]

EDGEWATER MD 21037

### Assignment Information

Date Assigned  04/20/2021 02:49 PM

Warning   
Please, select row

Inspector [Redacted] [Redacted] (current caseload: 1)  Supervisor [Redacted] [Redacted] [Redacted] 

Permit Number [Redacted] Waterfront N 

Original Case ID [Redacted] Critical Area Y 

ADC Map [Redacted] Cty. Council N 

Case Organization [Redacted]

### Case Details

## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property

Case #	Received Date	Status	Summary	
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## Related Cases

type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Apr 20, 2021 by [REDACTED]

Last updated on Apr 20, 2021 by [REDACTED]



### CLOSE COMPLAINT

Site in compliance at the time of inspection. The water was being discharged into a holding tank to be relocated to an appropriate location.

APRIL 20, 2021 by: [REDACTED]

Created on Apr 20, 2021 by [REDACTED]



## Complainant Information

Source

SeeClickFix

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

PUMPING WATER IN DRAIN

Address

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

SEVERNA PARK

MD

21146

Subdivision

Subdivision

Location Details

Location Details

Received Date

04/26/2021 09:21 AM

System ID

104394

Tickler Date

05/06/2021 09:21 AM

Case ID

E-2021-250

Completed Date

04/28/2021 07:53 AM

Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Email

Address

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

SEVERNA PARK

MD

21146

District

[REDACTED]

[REDACTED] [REDACTED]

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Address



SEVERNA PARK

MD

21146

## Assignment Information

Date Assigned



04/26/2021 09:21 AM

Warning



Please, select row

Inspector



(current caseload: 29)

Supervisor



(302)

Permit Number

Waterfront

N

Original Case ID

Critical Area

N

ADC Map

Cty. Council

N

Case Organization

## Case Details

PUMPING WATER IN DRAIN

## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property

Case #	Received Date	Status	Summary
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## Related Cases



type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Apr 28, 2021 by  

Last updated on Apr 28, 2021 by  



CLOSE COMPLAINT

SENT TO BOH

APRIL 28, 2021 by: 

Created on Apr 26, 2021 by  



## Complainant Information

Source

Anonymous

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

DRAINING POOL WATER ON ADJACENT PROPERTY

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

EDGEWATER

MD

21037

Subdivision

Subdivision

Location Details

Location Details

Received Date



05/07/2021 03:47 PM

System ID

104554

Tickler Date



05/17/2021 03:47 PM

Case ID

E-2021-273

Completed Date



05/10/2021 05:55 PM

Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

EDGEWATER

MD

21037

District

[REDACTED]

[REDACTED]

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Address

█

██████████

█

EDGEWATER

MD

21037

## Assignment Information

Date Assigned



05/07/2021 03:47 PM

Warning



Please, select row

Inspector

█

█

(current caseload: 30)

Supervisor

█

█

(302)

Permit Number

Waterfront

N

Original Case ID

Critical Area

Y

ADC Map

Cty. Council

N

Case Organization

## Case Details



## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property

Case #	Received Date	Status	Summary
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## Related Cases


type a case number or click to see related cases

Closed




## Case Timeline

First Closed on May 10, 2021 by 

Last updated on May 10, 2021 by 



### Close Case

The pool was not discharging any pool water upon the inspectors arrival. Close complaint. 

MAY 10, 2021 by: 

Created on May 07, 2021 by 



## Complainant Information

Source

SeeClickFix

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

ILLEGAL DISCHARGE

Address

241209390250

117

BAY VIEW

DR W

ANNAPOLIS

MD

21403

Subdivision

Subdivision

Location Details

Location Details

Received Date



05/12/2021 01:17 PM

System ID

104608

Tickler Date



05/22/2021 01:17 PM

Case ID

E-2021-278

Completed Date



09/21/2021 08:46 AM

Receiver

Joyce McNeil

## Owner Information

DEANNA

DALY

(XXX)-XXX-XXXX

Owner, Second Name

Company Name

Email

Address

117

BAY VIEW

DR W

ANNAPOLIS

MD

21403

District

6

Lisa Brannigan Rodvien

## Violator Information

Set Violator Same as Owner

DEANNA

DALY

(XXX)-XXX-XXXX

Violator Second Name

Warning

Please, select row

Company Name

Address

117

BAY VIEW

DR W

ANNAPOLIS

MD

21403

## Assignment Information

Date Assigned



05/12/2021 01:17 PM

Inspector

DENNIS GILLS (current caseload: 36) ▾

Supervisor

STEVE TRUMPLER (302) ▾

Permit Number

Waterfront

N ▾

Original Case ID

Critical Area

N ▾

ADC Map

Cty. Council

N ▾

Case Organization

## Case Details

## Active Permit Application Information

Type	Permit #	Status
------	----------	--------

## Other Cases On This Property

Case #	Received Date	Status	Summary
--------	---------------	--------	---------

## Related Cases

type a case number or click to see related cases

Closed



## Case Timeline

*First Closed on Sep 21, 2021 by DENNIS GILLS*

*Last updated on Sep 21, 2021 by DENNIS GILLS*



### CLOSE COMPLAINT

Close complaint. DGills

SEPTEMBER 21, 2021 by: IPGILL20

*Created on May 12, 2021 by Joyce McNeil*





## Complainant Information

Source

Person



[Redacted] [Redacted] [Redacted] Email

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

Discolored/smelly water from accessory structure draining on to property.

Address

[Redacted]

[Redacted] [Redacted] [Redacted]

[Redacted] [Redacted] [Redacted]

Subdivision

Subdivision

Location Details

Location Details

Received Date



05/12/2021 03:38 PM

System ID

[Redacted]

Tickler Date



05/22/2021 03:38 PM

Case ID

E-2021-280

Completed Date



[Redacted]

Receiver

[Redacted] [Redacted]

## Owner Information

[Redacted] [Redacted] [Redacted]

[Redacted]

Company Name

Email

Address

[Redacted] [Redacted] [Redacted]

[Redacted] [Redacted] [Redacted]

District

[Redacted] [Redacted]

## Violator Information

Set Violator Same as Owner


[Redacted] [Redacted] [Redacted]


[Redacted]

Company Name

Address [Redacted] [Redacted] [Redacted]  
[Redacted] [Redacted] [Redacted]

### Assignment Information

Date Assigned  05/12/2021 03:38 PM

Warning   
Please, select row

Inspector [Redacted]  Supervisor [Redacted] 

Permit Number [Redacted] Waterfront [N] 


Original Case ID [Redacted] Critical Area [N] 

ADC Map [Redacted] Cty. Council [N] 

Case Organization [Redacted]

### Case Details

Discolored/smelly water from accessory structure draining on to property.

Date  05/14/2021 04:31 PM

Added By

Notes

INSPECTOR [REDACTED] ATTEMPTED INSPECTION AT ALLEGED VIOLATOR PROPERTY ON 05/14/2021 AT 1500 HOURS. INSPECTOR [REDACTED] WAS MET AT THE FRONT DOOR BY MR. [REDACTED], SON OF PROPERTY OWNER(S). INSPECTOR [REDACTED] DISCUSSED NATURE OF COMPLAINT, INQUIRED ABOUT THE LIQUID DISCHARGE, AND PROVIDED MR. [REDACTED] WITH COUNTY ILLICIT DISCHARGE INFORMATION/MATERIALS. INSPECTOR [REDACTED] WAS NOT GIVEN ACCESS TO THE PROPERTY TO INSPECT THE AUXILIARY BUILDING BUT WAS TOLD THAT MR. [REDACTED] WOULD CHECK THE SHED AT REAR OF PROPERTY. INSPECTOR [REDACTED] PROVIDED MR. [REDACTED] WITH A BUSINESS CARD AND HE ADVISED HE WOULD SPEAK WITH PROPERTY OWNER(S). A WOMEN CAME TO THE FRONT DOOR AS INSPECTOR [REDACTED] WAS LEAVING THE PROPERTY AND IT WAS WITNESSED THAT MR. [REDACTED] WAS SPEAKING WITH HER AND PROVIDING THE MATERIALS PERTAINING TO ILLICIT DISCHARGE.

### Active Permit Application Information

Type	Permit #	Status
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### Other Cases On This Property

Case #	Received Date	Status	Summary
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### Related Cases

Closed ▼

### Case Timeline +

First Closed on Jun 21, 2021 by [REDACTED]

Last updated on Jun 21, 2021 by [REDACTED]

#### Note

INSPECTOR [REDACTED] PROVIDED FOLLOW-UP INFORMATION TO COMPLAINANT VIA EMAIL ON 05/20/2021, AT 0900 HOURS. INFORMATION REDACTED AND SENT TO COMPLAINANT INCLUDES COUNTY GIS MAPS WITH 1 FT TOPOGRAPHIC CONTOURS, USDA WEB SOIL



PREPARED AND SENT TO COMPLAINANT INCLUDES COUNTY GIS MAPS WITH 1 FT TOPOGRAPHIC CONTOURS, USDA WEB SOIL SURVEY FOR COMMUNITY AND SURROUNDING AREA, DEPARTMENT OF HEALTH SEPTIC ENFORCEMENT CONTACT INFORMATION, AND SUMMARY OF DISCUSSION WITH INSPECTOR [REDACTED]

MAY 20, 2021 by: [REDACTED]

## Note

INSPECTOR [REDACTED] CONDUCTED ON-SITE INSPECTION AT COMPLAINANT PROPERTY ON 05/19/2021, AT 1400 HOURS. SITE INSPECTION REVEALED SUSPECTED ACTIVE SEEP/SPRING/PERCHED GROUNDWATER THAT DAYLIGHTS HORIZONTIALLY AND VERTICALLY ALONG SEVERAL LOTS IN THE PONDVIEW COMMUNITY. VISIBLE WATER AT N APPROXIMATE DEPTH OF 4 INCHES. INSPECTOR [REDACTED] OBSERVED LIVE MOSQUITO LARVE IN THE WATER. ACTIVE GRADING PERMIT IS CURRENTLY IN-FORCE AND HAS NOT BEEN FINALED. DEVELOPER/BUILDER HAS NOT YET INSTALLED DRAINAGE SWALE IN REAR OF PROPERTY IN LOCATION OF ACTIVE SEEP/SPRING. NO KNOWN OR OBSERVED EVIDENCE THAT ILLICIT DISCHARGE IS PRESENT OR LEAKING FROM THE AUXILLARY STRUCTURE ON ALLEGED VIOLATOR PROPERTY. ROOF LEADERS FROM THE AUXILIARY STRUCTURE ARE BURIED BUT NO EVIDENCE THAT THE BURIED PIPE FROM THE ROOF LEADERS DISCHARGE TO COMPLAINANT PROPERTY. INSPECTOR [REDACTED] SPOKE WITH [REDACTED] [REDACTED] ACTIVE GRADING INSPECTOR FOR PONDVIEW ON 05/19/2021, AT 1525 HOURS FOLLOWING SITE VISIT. INSPECTOR [REDACTED] INDICATED THAT THE BUILDER / DEVELOPER STILL NEEDS TO COMPLETE CONSTRUCTION AS PER APPROVED PLANS (INSTALL DESIGNED AND APPROVED SWALE) TO COMPLY WITH GRADING PERMIT CONDITIONS AND MUST CONSTRUCT TO CRITICAL ELEVATIONS TO ENSURE GRADING IS CORRECT FOR POSITIVE DRAINAGE. THE MEETING MONDAY IS TO ADDRESS BUILDER / DEVELOPER FAILURE TO CONSTRUCT PER APPROVED PLANS AND NEXT STEPS TO CORRECTING AND PROPERLY INSTALLING. ONCE THE SWALE IS INSTALLED, AND IF THE SWALE IS FAILING TO PROVIDE DESIGNED / ENGINEERED DRAINAGE THEN THE NEXT ACTION WOULD BE A GRADING PLAN MODIFICATION WHICH WOULD REQUIRE ADDITIONAL ENGINEERING, SURVEY, AND POSSIBLE GEOTECHNICAL TO PROVIDE ALTERNATIVE SOLUTION(S). THE BOND MONEY IS HELD BY THE COUNTY TO ENSURE ACCOUNTABILITY. IDEALLY, IF AT THE TIME OF THE MEETING MONDAY THE BUILDER / DEVELOPER 1) RECOGNIZES THE SIGNIFICANT, ON-GOING FLOW FROM PREVIOUSLY UNKNOWN / UNPRESENTED SEEP / SPRING, 2) THE HEALTH HAZARDS ALREADY PRESENTING WITH MOSQUITO BREEDING, 3) THAT CONDITIONS NOW PRESENT POSSIBLE NEED FOR ALTERNATIVE DESIGN, AND 4) IS WILLING IN THE INTEREST OF NOT WASTING RESOURCES AND TIME TO CONSIDER PERHAPS MORE EFFECTIVE SOLUTION(S) (I.E. PIPING TO OUTFALL IN WOODLAND) AND BYPASS SWALE DESIGN, THEY MAY REQUEST PLAN MODIFICATION NOW.

MAY 19, 2021 by: [REDACTED]

## Note

INSPECTOR [REDACTED] RECEIVED A RETURN CALL FROM COMPLAINANT ON 05/17/2021 AT 1000 HOURS. COMPLAINANT ADVISED THAT THE DISCHARGE FROM AUXILIARY BUILDING AT 324 OBRECHT ROAD HAS A SHEEN, AN ODOR, AND IS CONCERNED DISCHARGE IS POSSIBLY SEPTIC. COMPLAINANT ALSO NOTED THAT THE ROOF LEADERS FROM THE AUXILIARY BUILDING ARE BURIED INDICATING THAT MAY BE PIPED AND DISCHARGNG AT THE PROPERTY LINE. COMPLAINANTS YARD HAS EXTREMELY SOGGY CONDITIONS AND THE SOD IS SLOUGHING DOWN THE HILSIDE. APPOINTMENT TO VISIT PROPERTY TO VIEW ALLEGED ILLICIT DISCHARGE IS SCHEDULED FOR 05/19/2021, AT 1400 HOURS.

MAY 17, 2021 by: [REDACTED]

## Customer Contact

INSPECTOR [REDACTED] ATTEMPTED INSPECTION AT ALLEGED VIOLATOR PROPERTY ON 05/14/2021 AT 1500 HOURS. INSPECTOR [REDACTED] WAS MET AT THE FRONT DOOR BY MR. [REDACTED], SON OF PROPERTY OWNER(S). INSPECTOR FORD DISCUSSED NATURE OF COMPLAINT, INQUIRED ABOUT THE LIQUID DISCHARGE, AND PROVIDED MR. [REDACTED] WITH COUNTY ILLICIT DISCHARGE INFORMATION/MATERIALS. INSPECTOR [REDACTED] WAS NOT GIVEN ACCESS TO THE PROPERTY TO INSPECT THE AUXILIARY BUILDING BUT WAS TOLD THAT MR. [REDACTED] WOULD CHECK THE SHED AT REAR OF PROPERTY. INSPECTOR [REDACTED] PROVIDED MR. [REDACTED] WITH A BUSINESS CARD AND HE ADVISED HE WOULD SPEAK WITH PROPERTY OWNER(S). A WOMEN CAME TO THE FRONT DOOR AS INSPECTOR FORD WAS LEAVING THE PROPERTY AND IT WAS WITNSSED THAT MR. PEASE WAS SPEAKING WITH HER AND PROVIDING THE MATERIALS PERTAINING TO ILLICIT DISCHARGE.

MAY 14, 2021 by: [REDACTED]

MAY 14, 2021 by: [REDACTED]

 Note

INSPECTOR [REDACTED] CONTACTED COMPLAIANT FOR FURTHER DETAILS ON 05/14/2021 AT 1105 HOURS. COMPLAINANT DID NOT ANSWER AND DETAILED MESSAGE WAS LEFT REQUESTING ADDITIONAL DETAILS SUPPORTING THE CASE. NO RETURNED CALL WAS RECEIVED BY INSPECTOR FORD ON 05/14/2021.

MAY 14, 2021 by: [REDACTED]

*Created on May 12, 2021 by [REDACTED] [REDACTED]*



## Complainant Information

Source

Person



[Redacted] [Redacted] [Redacted] Email

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

ILLEGAL DISCHARGE

Address

[Redacted]

[Redacted] [Redacted] [Redacted]

DAVIDSONVILLE MD 21035

Subdivision

Subdivision

Location Details

Location Details

Received Date



05/28/2021 03:08 PM

System ID

104803

Tickler Date



06/07/2021 03:08 PM

Case ID

E-2021-313

Completed Date



[Redacted]

Receiver

[Redacted]

## Owner Information

[Redacted] [Redacted] (XXX)-XXX-XXXX

[Redacted]

Company Name Email

Address

[Redacted] [Redacted] [Redacted]

DAVIDSONVILLE MD 21035

District

[Redacted] [Redacted]

## Violator Information

Set Violator Same as Owner

[Redacted] [Redacted] (XXX)-XXX-XXXX


[Redacted]


Company Name

Address [Redacted] [Redacted] [Redacted]

DAVIDSONVILLE MD 21035

### Assignment Information

Date Assigned  05/28/2021 03:08 PM

Warning   
Please, select row

Inspector [Redacted] (current caseload: 11) Supervisor [Redacted]

Permit Number Waterfront N

Original Case ID Critical Area N

ADC Map Cty. Council N

Case Organization

### Case Details

## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property

Case #	Received Date	Status	Summary	
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## Related Cases


type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Jun 02, 2021 by 


Last updated on Jun 02, 2021 by 



### Note

Spoke with resident on location did not have a clue what I was asking about or any information about issue closing case

JUNE 2, 2021 by: 

Created on May 28, 2021 by 



## Complainant Information

Source

Person



[Redacted] [Redacted] [Redacted] [Redacted]

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

ILLEGAL DISCHARGE - DRAINING WASTE WATER INTO POND

Address

[Redacted]

[Redacted] [Redacted] [Redacted]

[Redacted] [Redacted] [Redacted]

Subdivision

Subdivision

Location Details

Location Details

Received Date



06/11/2021 10:05 AM

System ID

104966

Tickler Date



06/21/2021 10:05 AM

Case ID

E-2021-333

Completed Date



Receiver

[Redacted]



## Owner Information

[Redacted] [Redacted] [Redacted]

[Redacted] [Redacted] [Redacted]

Company Name

Email

Address

[Redacted]

[Redacted]

[Redacted]

[Redacted] [Redacted] [Redacted]

District

[Redacted]

[Redacted]

## Violator Information

Set Violator Same as Owner

[Redacted] [Redacted] [Redacted]

Warning




Please, select row

[REDACTED]

Company Name

Address [REDACTED] [REDACTED] [REDACTED]  
[REDACTED] [REDACTED] [REDACTED]

### Assignment Information

Date Assigned  06/11/2021 10:05 AM

Inspector [REDACTED] Supervisor [REDACTED]

Permit Number [REDACTED] Waterfront N

Original Case ID [REDACTED] Critical Area N

ADC Map [REDACTED] Cty. Council N

Case Organization [REDACTED]

### Case Details

HOMEOWNERS ARE CONFRONTATIONAL

6-11-21 Inspector [REDACTED] spoke with Mr. [REDACTED] by phone.

6-14-21 Inspector [REDACTED] investigated and observed sump pump pipe from [REDACTED] coming out from property line 20. . Will send correction notice to property owner to remove sump pump line off of Open Space property.

6-28-21 Inspector [REDACTED] investigated and found that sump pump pipe was removed from Open Space area. Will close complaint.

## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property

Case #	Received Date	Status	Summary	
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## Related Cases


type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Aug 05, 2021 by 

Last updated on Aug 05, 2021 by 

Created on Jun 11, 2021 by 







## Complainant Information

Source

Person



## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

Drainage/over flow from pool going into neighbor's yard

Address

Subdivision

Subdivision

Location Details

Location Details

Received Date



07/10/2020 03:43 PM

System ID

100913

Tickler Date



07/20/2020 03:43 PM

Case ID

E-2020-472

Completed Date



09/29/2020 05:24 PM

Receiver

## Owner Information

Address

District

## Violator Information

Set Violator Same as Owner

[Redacted]


Company Name

Address [Redacted] [Redacted] [Redacted]

ARNOLD MD 21012

### Assignment Information

Date Assigned 07/10/2020 03:43 PM

Warning   
Please, select row

Inspector [Redacted] (current caseload: 36) Supervisor [Redacted] (302)

Permit Number Waterfront N

Original Case ID Critical Area N

ADC Map Cty. Council N

Case Organization

### Case Details

Date 09/29/2020 05:22 PM

Added By

#### Notes

The neighboring property owner rerouted his down spout drain pipes and his sump pump pipes towards the front of his property and set the pipes back about 8 to 10 feet from the property line. Inspector [REDACTED] conducted an inspection to verify this work was completed. Close complaint. [REDACTED]

### Active Permit Application Information

Type	Permit #	Status
There are no active permits on this property		

### Other Cases On This Property

Case #	Received Date	Status	Summary
There are no other cases on this property			

### Related Cases

Closed ▼

### Case Timeline +

First Closed on Sep 29, 2020 by [REDACTED] [REDACTED]

Last updated on Sep 29, 2020 by [REDACTED] [REDACTED]

[REDACTED] ← Close Case

☑ **CLOSE CASE**

The neighboring property owner rerouted his down spout drain pipes and his sump pump pipes towards the front of his property and set the pipes back about 8 to 10 feet from the property line. Inspector [REDACTED] conducted an inspection to verify this work was completed. Close complaint. [REDACTED]

SEPTEMBER 29, 2020 by: [REDACTED]

📄 **Note**

Inspector [REDACTED] met with the owners of [REDACTED] [REDACTED] [REDACTED] in Arnold MD at 9:00 on this day. Inspector [REDACTED] noticed 2 pipes discharging from [REDACTED] [REDACTED] [REDACTED] onto [REDACTED] [REDACTED] [REDACTED]. Inspector [REDACTED] mailed a correction notice to the owner of [REDACTED] [REDACTED] [REDACTED] to set the pipes back 3' on to their property (so they are neighborly) and to direct any and all water flow/pipes towards the front of their home. A follow up day will be taking place on (or about) 8/10/2020.

JULY 23, 2020 by: [REDACTED]

*Created on Jul 10, 2020 by [REDACTED] [REDACTED]*



## Complainant Information

Source

311

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

DISCHARGE INTO SWALE

Address

218490090054

[REDACTED]

[REDACTED]

[REDACTED]

GAMBRILLS

MD

21054

Subdivision

Subdivision

Location Details

Location Details

Received Date

08/11/2020 02:13 PM

System ID

101335

Tickler Date

08/21/2020 02:13 PM

Case ID

E-2020-540

Completed Date



Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

GAMBRILLS

MD

21054

District

[REDACTED]

[REDACTED]

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Address

█

█

█

GAMBRILLS

MD

21054

## Assignment Information

Date Assigned



08/11/2020 02:13 PM

Warning



Please, select row

Inspector

█ (current caseload: 11)

Supervisor

█ (302)

Permit Number

G02004604

Waterfront

N

Original Case ID

Critical Area

N

ADC Map

Cty. Council

N

Case Organization

## Case Details

spoke with cit at address could not locate a issue and home owner did not report any issues

## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property

Case #	Received Date	Status	Summary
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## Related Cases


type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Jun 02, 2021 by 

Last updated on Jun 02, 2021 by 

Created on Aug 11, 2020 by 





## Complainant Information

Source

Person



[Redacted] [Redacted] [Redacted] [Redacted]

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

Property owner has hose discharging pool water and PVC pipe discharge at property line causing ponding, sedimen

Address

[Redacted]

[Redacted] [Redacted] [Redacted]

PASADENA MD 21122

Subdivision

Subdivision

Location Details

Location Details

Received Date



08/14/2020 12:34 PM

System ID

101387

Tickler Date



08/24/2020 12:34 PM

Case ID

E-2020-556

Completed Date



[Redacted]

Receiver

[Redacted] [Redacted]

## Owner Information

[Redacted] [Redacted] (XXX)-XXX-XXXX

Owner, Second Name

Company Name Email

Address

[Redacted] [Redacted] [Redacted]

PASADENA MD 21122

District

[Redacted] [Redacted]

## Violator Information

Set Violator Same as Owner

[Redacted] [Redacted] (XXX)-XXX-XXXX

Violator Second Name

Company Name

Address

█ ████ ███

PASADENA MD 21122

### Assignment Information

Date Assigned

🕒 08/14/2020 12:34 PM

Warning ✖  
Please, select row

Inspector

█ ███ (current caseload: 29) ▾

Supervisor

█ ███ (302) ▾

Permit Number

Waterfront

N ▾

Original Case ID

Critical Area

Y ▾

ADC Map

Cty. Council

▾

Case Organization

### Case Details

Property owner has pipe discharging suspected pool water discharge at property line causing ponding, sediment deposition.

## Active Permit Application Information

Type	Permit #	Status	
------	----------	--------	--

## Other Cases On This Property


Case #	Received Date	Status	Summary	
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## Related Cases

type a case number or click to see related cases


Closed

## Case Timeline

First Closed on Apr 30, 2021 by  



Last updated on Apr 30, 2021 by  

### Note

AFTER 8 WEEKS OF ON-GOING EMAIL COMMUNICATION WITH VIOLATOR AND COMPLAINANTS, VIOLATOR SENT PHOTO DOCUMENTATION (2 PHOTOS IN TOTAL) OF RE-DIRECTION OF POOL HOSE AND ROOF LEADER / SUMP PVC PIPE ON 11/18/2020. INSPECTOR  REQUESTED FURTHER PHOTOS TO SHOW RE-DIRECTIONS AND FOR A NARRATIVE OF REMEDIATION ACTIONS TAKEN TO RESOLVE.

NOVEMBER 23, 2020 by: 

### CORRECTION NOTICE ISSUED

PHASE II ENFORCEMENT CERTIFIED LETTER WITH CORRECTION NOTICE ISSUED AND MAILED ON 09/22/2020. CERTIFIED LETTER SIGNED BY WPRP ENVIRONMENTAL CONTROL SUPERVISOR,   COMPLIANCE REQUIRED BY 10/19/2020.

SEPTEMBER 23, 2020 by: 

### ILLEGAL DISCHARGES VIOLATION

CORRECTION NOTICE ISSUED ON 08/19/2020, SENT VIA FIRST CLASS USPS. TO VIOLATOR TO IMMEDIATELY CEASE THE DISCHARGE OF ILLICIT CHLORINE POOL WATER AND REQUIRED PROPER RE-DIRECTION OF DISCHARGE HOSE AND PIPE TO A SANITARY TREATMENT OR SEPTIC SYSTEM. VIOLATOR WILL NEED TO PROVIDE DOCUMENTATION OF PROPER RE-DIRECTION OF BOTH THE POOL HOSE AND PVC PIPE DISCHARGING ON COMPLAINANT'S PROPERTY. RE-INSPECTION SCHEDULED FOR 09/08/2020.

SEPTEMBER 1, 2020 by: [REDACTED]

## OPENED COMPLAINT CASE

INSPECTOR [REDACTED] CONTACTED COMPLAINANT TO DISCUSS COMPLAINT AND SCHEDULE ON-SITE INSPECTION FOR 08/18/2020, AT 1300 HOURS.

SEPTEMBER 1, 2020 by: [REDACTED]

*Created on Aug 14, 2020 by* [REDACTED] [REDACTED]



## Complainant Information

Source

Person



[Redacted] [Redacted] [Redacted] [Redacted]

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

[Redacted]

Address

[Redacted]

[Redacted] [Redacted] [Redacted]

GLEN BURNIE MD 21060

Subdivision

Subdivision

Location Details

Location Details

Received Date



08/19/2020 12:23 PM

System ID

101498

Tickler Date



08/31/2020 08:24 AM

Case ID

E-2020-578

Completed Date



[Redacted]

Receiver

[Redacted] [Redacted]

## Owner Information

[Redacted] [Redacted] (XXX)-XXX-XXXX

[Redacted] [Redacted] [Redacted]

Company Name

Email

Address

[Redacted] [Redacted] [Redacted]

GLEN BURNIE MD 21060

District

[Redacted] [Redacted]

## Violator Information

Set Violator Same as Owner

[Redacted] [Redacted] (XXX)-XXX-XXXX

[Redacted]


Company Name

Address [Redacted] [Redacted] [Redacted]

GLEN BURNIE MD 21060

### Assignment Information

Date Assigned 08/19/2020 12:23 PM

Warning   
Please, select row

Inspector [Redacted] (current caseload: 39) Supervisor [Redacted] (302)

Permit Number Waterfront

Original Case ID Critical Area

ADC Map Cty. Council

Case Organization

### Case Details

## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property

Case #	Received Date	Status	Summary	
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## Related Cases



type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Sep 10, 2020 by  

Last updated on Sep 10, 2020 by  

### Note

Inspector went to 981 Nabbs Creek Rd on 9/10/2020. The pump hose did not appear to be in use. Inspector has not heard anymore complaints from 977 Nabbs Creek Rd. Case closed.

SEPTEMBER 10, 2020 by: 

### Note

Inspector went by property on 8/27/2020. The pump hose did not appear to be in use or stretched across the yard anymore. Will continue to monitor.

AUGUST 28, 2020 by: 

### Note

Inspector called the property owner with the pool (981 Nabbs Creek Rd). Inspector instructed the owner on how to properly discharge the pool water. The owner said he would comply with the discharge methods and move the discharge hose away from the

fence at 977 Nabbs Creek Rd. Inspector will continue to monitor the site.

AUGUST 21, 2020 by: [REDACTED]

## Note

Inspector went to the property with the pool. The owner was not home at the time. Inspector left a door hanger with name and number.

AUGUST 21, 2020 by: [REDACTED]

*Created on Aug 21, 2020 by* [REDACTED] [REDACTED]





## Complainant Information

Source

Person



[Redacted] [Redacted] [Redacted] [Redacted]

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

Abandon pool water is drained into neighbors yard. Pool is chemically treated to kill mosquito larvae. Open Dept of

Address

[Redacted]

[Redacted] [Redacted] [Redacted]

SEVERNA PARK MD 21146

Subdivision

Subdivision

Location Details

Location Details

Received Date



08/21/2020 12:37 PM

System ID

101522

Tickler Date



08/31/2020 12:37 PM

Case ID

E-2020-581

Completed Date



Receiver [Redacted]

## Owner Information

[Redacted] [Redacted] (XXX)-XXX-XXXX

[Redacted]

Company Name

Email

Address

[Redacted] [Redacted] [Redacted]

SEVERNA PARK MD 21146

District

[Redacted] [Redacted]

## Violator Information

Set Violator Same as Owner

[Redacted] [Redacted] (XXX)-XXX-XXXX

[Redacted]

Company Name

Address [Redacted] [Redacted] [Redacted]

SEVERNA PARK MD 21146

### Assignment Information

Date Assigned 08/21/2020 12:37 PM

Warning [X]  
Please, select row

Inspector [Redacted] (current caseload: 29) Supervisor [Redacted] (302)

Permit Number Waterfront N

Original Case ID Critical Area Y

ADC Map Cty. Council N

Case Organization

### Case Details

Abandon pool water is drained into neighbors yard. Pool is chemically treated to kill mosquito larvae. Open Dept of Health Case.

## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property


Case #	Received Date	Status	Summary	
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## Related Cases

type a case number or click to see related cases




Closed

## Case Timeline

First Closed on Nov 23, 2020 by 


Last updated on Nov 23, 2020 by 

### CLOSE COMPLAINT

INSPECTOR  SPOKE WITH COMPLAINANT ON 09/04/2020, AT 0916 HOURS AND ADVISED THAT ACTIVE DISCHARGE WOULD NEED TO BE ACTIVELY WITNESSED AND TESTED FOR POSSIBLE ILLICIT SUBSTANCES BEFORE INP COULD TAKE ENFORCEMENT ACTION. RECOMMEND DEPARTMENT OF HEALTH ACTIVE COMPLAINT FOR STAGNET WATER IN ABANDON POOL REMAIN OPEN AS PRIMARY COMPLAINT SINCE SUBSTANCIATED. COMPLAINANT ADVISED THT SINCE COMPLAINT(S) HAVE BEEN OPENED WITH INP AND DEPT OF HEALTH, THE ALLEGED VIOLATOR(S) HAVE MOVED THE DISCHARGE HOSE/PIPE TO A CONCEALED AREA THAT CANNOT BE VIDEO DOCUMENTED TO ACCESSED TO TEST. COMPLAINANT RECEIVED FOLLOW UP EMAILS FROM INSPECTOR  ON 09/04/2020, ADDRESSING HOW TO FILE COMPLAINT WITH BUILDING AND ZONING THROUGH 311 SEE CLIX FIX SYSTEM, CONTACT FOR CONSTITUENT SERVICES, AND DEPARTMENT OF HEALTH FOLLOW UP EMAILS. COMPLAINT CLOSED UNTIL DISCHARGE CAN BE SUBSTANCIATED, WITENESSED AND TESTED BY INSPECTOR 

OCTOBER 12, 2020 by: 

### Note

INSPECTOR  CONDUCTED ON-SITE INSPECTION ON 08/25/2020, AT 1330 HOURS. COMPLAINANT SHOWED AREAS IN SIDE AND REAR OF PROPERTY THAT RECEIVE THE ABANDON POOL SUSPECTED PUMPED DISCHARGE. NO ACTIVE PUMPING OR DISCHARGE WAS OBSERVED TO BE OCCURRING AT THE TIME OF INSPECTION. NO EVIDENCE OF SEDIMENT DISPLACEMENT OR DEPOSITION OR

EROSION (NO RILLS OR SCOUR OBSERVED). COMPLAINANT INDICATED PUMPING GENERALLY IS PERFORMED DURING RAIN EVENTS AS MEANS TO CONCEAL. THERE WAS EVIDENCE OF DEAD TREES, SPARSE GRASS GROWTH AND WET EARTHEN AREAS. ALSO OBSERVED WAS A 4 INCH BLACK CORRUGATED PIPE THAT WAS EXPOSED WITH SUSPECTED IRON BACTERIA OXIDIZATION OR CLAY SEEPAGE. COMPLAINANT EXPLAINED THE PIPE HAS BECOME CLOGGED FORCING THE WATER TO DAYLIGHT. COMPLAINANTS PAID TO HAVE THE YARD DRAIN INSTALLED IN ATTEMPT TO ASSIST WITH CONVEYING THE EXCESS WATER THROUGH THEIR YARD TO PREVENT FURTHER EROSION OF SEDIMENT AND PLANT DEATH DUE TO HYPER SATURATED CONDITIONS BELIEVED TO BE OCCURRING UNNATURALLY (NOT FROM SEEP OR SPRING) FROM THE REGULAR AND ON-GOING PUMPING OF THE ABANDON IN-GROUND POOL. COMPLAINANT AND INSPECTOR [REDACTED] THEN WALKED THE PERIMETER OF THE ALLEGED VIOLATOR PROPERTY IN WHICH AREAS OF WOODEN FENCE PANELS WERE OBSERVED TO BE DOWN AND NO LONGER PREVENTING ACCESS TO THE ABANDON IN-GROUND POOL. NO VIOLATION ACTION CAN BE TAKEN BY INP UNLESS PUMPING WAS OBSERVED AS ACTIVELY OCCURRING. INSPECTOR [REDACTED] ADVISED THAT COMPLAINT WOULD BE KEPT OPEN IN THE EVENT THAT COMPLAINANT NOTIFIES OF ACTIVE PUMPING TO BE WITNESSED BY INSPECTOR [REDACTED] COMPLAINANT HAS ACTIVE COMPLAINT OPENED WITH DEPARTMENT OF HEALTH REGARDING THE STANDING WATER/MOSQUITO BREEDING VIOLATION AND INSPECTOR [REDACTED] INDICATED THAT SHE WOULD CONTACT INSPECTOR [REDACTED] WITH DEPT OF HEALTH FOR COMPLAINT COORDINATION. COMPLAINANT STATED SHE HAD PICTURES AND VIDEO SHE WOULD PROVIDE IN FOLLOW-UP FOR THE CASE FILE.

SEPTEMBER 1, 2020 by: [REDACTED]

## OPENED COMPLAINT CASE

INSPECTOR [REDACTED] CONTACTED COMPLAINANT TO DISCUSS COMPLAINT AND SCHEDULED ON-SITE INSPECTION FOR 08/25/2020, AT 1330 HOURS.

SEPTEMBER 1, 2020 by: [REDACTED]

## Note

No evidence provided for the alleged violation. This is being referred to the Stormwater Division for illegal discharges. [REDACTED]

AUGUST 21, 2020 by: [REDACTED]

Created on Aug 21, 2020 by [REDACTED]



## Complainant Information

Source

Person



## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

Water discharging in her yard from the neighbors yard is oily and foamy.

Address

Subdivision

Location Details

Received Date

System ID

Tickler Date

Case ID

Completed Date

Receiver

## Owner Information

Address

District

## Violator Information

Set Violator Same as Owner

Violator Second Name

Company Name

Address

House Number

Street Name

Street Type

City

State

Zip

## Assignment Information

Date Assigned



08/21/2020 01:16 PM

Warning



Please, select row

Inspector

■■■■ (current caseload: 29)



Supervisor

■■■■ (302)



Permit Number

Waterfront

N



Original Case ID

Critical Area

N



ADC Map

Cty. Council



Case Organization

## Case Details

Water discharging in her yard from the neighbors yard is oily and foamy.

## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property



Case #	Received Date	Status	Summary	
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## Related Cases

type a case number or click to see related cases

Closed


## Case Timeline

First Closed on Sep 01, 2020 by  

Last updated on Sep 01, 2020 by  




### ← CLOSE COMPLAINT

INSPECTOR  CONDUCTED ON-SITE INSPECTION ON 08/26/2020, AT 1500 HOURS. NO ACTIVE DISCHARGE WAS OCCURRING AT TIME OF INSPECTION AND COMPLAINANT PROVIDED PRINTED COLOR PICTURES OF PRIOR INCIDENTS. OBSERVATIONS OF THE RUST BROWN COLOR STAINING ON CEMENT SIDEWALK AND SEVERAL OTHER RESIDENCES DRIVEWAY/SIDEWALK IDENTICAL STAINING INDICATES THAT DISCHARGE IS A NATURAL OCCURRING EVENT FROM IRON BACTERIA OXIDIZATION AND/OR SUMP PUMP DISCHARGE OR GROUNDWATER SEEPAGE OF CLAY BASED SOILS. DISCHARGE IS NOT AN ILLICIT DISCHARGE OF GREY WATER. COMPLAINT CLOSED.

SEPTEMBER 1, 2020 by: 



### ← OPENED COMPLAINT CASE

INSPECTOR  CONTACTED COMPLAINANT TO DISCUSS COMPLAINT AND SCHEDULED ON-SITE INSPECTION FOR 08/26/2020, AT 1500 HOURS.

SEPTEMBER 1, 2020 by: 







## Complainant Information

Source

Person



Email

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

Neighbors have brown, filmy, slimy, foamy water discharging from their property staining driveway and leaving resi

Address

330390014841

PASADENA

MD

21122

Subdivision

Subdivision

Location Details

Location Details

Received Date



08/21/2020 02:36 PM

System ID

101531

Tickler Date



08/31/2020 02:36 PM

Case ID

E-2020-586

Completed Date



10/12/2020 10:20 AM

Receiver

## Owner Information

(XXX)-XXX-XXXX

Owner, Second Name

Company Name

Email

Address

PASADENA

MD

21122

District

## Violator Information

Set Violator Same as Owner

(XXX)-XXX-XXXX

[Redacted]

Company Name

Address [Redacted] [Redacted] [Redacted]

PASADENA MD 21122

### Assignment Information

Date Assigned 08/21/2020 02:36 PM

Warning [x]  
Please, select row

Inspector [Redacted] (current caseload: 29) Supervisor [Redacted] (302)

Permit Number Waterfront N

Original Case ID Critical Area N

ADC Map Cty. Council

Case Organization

### Case Details

Neighbors at 7878 New Freetown Road have brown, filmy, slimy, foamy water discharging from their property staining driveway and leaving residue.

## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property



Case #	Received Date	Status	Summary	
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## Related Cases

type a case number or click to see related cases

Closed

## Case Timeline

First Closed on Oct 12, 2020 by  


Last updated on Oct 12, 2020 by  

### CLOSE COMPLAINT

COMPLAINT CLOSED NO EVIDENCE OF ILLICIT DISCHARGE NATURALLY OCCURING IRON AND OR CLAY SEEPING.

OCTOBER 12, 2020 by: 

### Note

INSPECTOR  CONDUCTED RE-INSPECTION ON 10/2/2020, AT 1000 HOURS DURING RAIN EVENT AND DOCUMENTED THE BROWN/ORANGE SLIMY DISCHARGE FROM CRACK IN DRIVEWAY. EVIDENCE OBSERVED APPEARS TO BE NATURALLY OCCURING IRON BACTERIA AND OR CLAY THAT IS SEEPING THROUGH DRIVEWAY CRACK WHICH BECOME MORE EVIDENT DURING RAIN EVENTS AS THE GROUNDWATER DAYLIGHTS AT SURFACE CRACK. COMPLAINT TO BE CLOSED NO EVIDENCE OF ILLICIT DISCHARGE NATURALLY OCCURING IRON AND OR CLAY SEEPING.

OCTOBER 12, 2020 by: 

### Note

CASE REMAINS OPEN - RE-INSPECTION TO TAKE PLACE ON NEXT RAIN EVENT DURING INSPECTION HOURS AS COMPLAINANT ADVISED THAT ILLICIT DISCHARGE IS WORSE DURING RAIN EVENTS.

SEPTEMBER 23, 2020 by: [REDACTED]

## OPENED COMPLAINT CASE

INSPECTOR [REDACTED] SPOKE TO COMPLAINANT CONCERNING COMPLAINT AND SCHEDULED ON-SITE INSPECTION FOR 08/26/2020 AT 1300 HOURS.

SEPTEMBER 1, 2020 by: [REDACTED]

## Note

INSPECTOR [REDACTED] CONDUCTED ON-SITE INSPECTION ON 08/26/2020, AT 1300 HOURS. COMPLAINANT DESCRIBED A UNKNOWN BROWN LIQUID SUSPECTED TO BE DISCHARGING ON HER PROPERTY DAY LIGHTING THROUGH HER CEMENT DRIVEWAY FROM THE RESIDENCE OF [REDACTED] [REDACTED] [REDACTED] [REDACTED] THERE WAS EVIDENCE OF RUST , BROWN STAINING ON THE CEMENT DRIVEWAY WHERE UNKNOWN FLUID IS SEEPING THROUGH A CRACK IN THE DRIVEWAY CEMENT. AT THE TIME OF THE INSPECTION, THERE WAS NO ACTIVE DISCHARGE OCCURRING TO OBSERVE. COMPLAINANT DESCRIBED PRIOR CONVERSATIONS WITH THE PROPERTY OWNERS AT [REDACTED] [REDACTED] [REDACTED] [REDACTED] CONCERNING THE DISCHARGE WERE DISMISSIVE AND THAT THE PRIOR OWNERS BURIED PIPES IN THE YARD AND THEY WERE NOT AWARE OF WHAT THE DISCHARGE COULD BE. COMPLAINANT EXPLAINED THAT THE YARD AT [REDACTED] IS ALWAYS SATURATED AND WET AND THERE ARE ABNORMALLY MORE INSECTS AS A RESULT IMPACTING HER ABILITY TO ENJOY HER OUTDOOR SPACE WITH HER GRANDCHILDREN. COMPLAINANT ALSO POINTED TO A SHED THAT WAS OLD AND IS CONCERNED ABOUT THE SAFETY AND STABILITY OF THE STRUCTURE. INSPECTOR [REDACTED] EXPLAINED THAT THE EVIDENCE OF DRIVEWAY CEMENT STAINING OF RUST BROWN DISCHARGE IS COMMONLY FROM IRON BACTERIA OXIDATION OR FROM CLAY SOILS. COMPLAINANT INDICATED THAT THE DISCHARGE IS WORSE DURING RAIN EVENTS AND CAN BE SLIMY, CHUNKY AND A HAZARD TO HER GETTING IN AND OUT OF HER CAR. COMPLAINANT BELIEVES THAT DISCHARGE IS POSSIBLY SEWAGE DISCHARGE AND INDICATED SHE HAD FILED PRIOR COMPLAINTS WITH THE COUNTY - REFER TO LINKED CASES. INSPECTOR [REDACTED] INDICATED THAT THE COMPLAINT WOULD REMAIN OPEN AND WOULD RE-INSPECT ON A RAIN EVENT DAY TO TRY TO OBSERVE THE DISCHARGE.

SEPTEMBER 1, 2020 by: [REDACTED]

Created on Aug 21, 2020 by [REDACTED] [REDACTED]



## Complainant Information

Source

Anonymous

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

EDGEWATER

MD

21037

Subdivision

Subdivision

Location Details

Location Details

Received Date

08/27/2020 07:39 AM

System ID

101652

Tickler Date

09/11/2020 07:39 AM

Case ID

E-2020-613

Completed Date

10/01/2020 10:18 AM

Receiver

[REDACTED]

## Owner Information

First Name

Last Name

(XXX)-XXX-XXXX

Owner, Second Name

[REDACTED]

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

EDGEWATER

MD

21037

District

[REDACTED]

[REDACTED]

## Violator Information

Set Violator Same as Owner

First Name

Last Name

(XXX)-XXX-XXXX

Violator Second Name

████████████████████

Address

### Assignment Information

Date Assigned  Warning

Inspector

Permit Number  Waterfront

Original Case ID  Critical Area

ADC Map  Cty. Council

Case Organization

### Case Details

Concrete is being hosed off at the site and gray water is flowing into stormdrain and nearby marshes.

## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property

Case #	Received Date	Status	Summary
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

## Related Cases



type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Oct 01, 2020 by  

Last updated on Oct 01, 2020 by  



### Close Case

MDE took lead on this case. Site was clean on 8/31/2020.

OCTOBER 1, 2020 by: 



### Note

Inspection on 8/31/2020 showed that site had been cleaned.

SEPTEMBER 1, 2020 by: 

Created on Sep 01, 2020 by  



## Complainant Information

Source

SeeClickFix

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

ILLICIT DISCHARGE

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

ANNAPOLIS

MD

21403

Subdivision

Subdivision

Location Details

Location Details

Received Date



09/04/2020 03:00 PM

System ID

101746

Tickler Date



09/14/2020 03:00 PM

Case ID

E-2020-624

Completed Date



09/15/2020 07:40 AM

Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Owner, Second Name

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

ANNAPOLIS

MD

21403

District

[REDACTED]

[REDACTED]

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Violator Second Name



Company Name

Address

Address fields: [Redacted] [Redacted] [Redacted]  
[ANNAPOLIS] [MD] [21403]

### Assignment Information

Date Assigned

09/04/2020 03:00 PM Warning

Inspector

[Redacted] (current caseload: 30) Supervisor [Redacted] (302)

Permit Number

[Redacted] Waterfront [N]

Original Case ID

[Redacted] Critical Area [N]

ADC Map

[Redacted] Cty. Council [N]

Case Organization

[Redacted]

### Case Details

[Large empty box for Case Details]

## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property

Case #	Received Date	Status	Summary
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## Related Cases

type a case number or click to see related cases

Closed

## Case Timeline +

First Closed on Sep 15, 2020 by [REDACTED]

Last updated on Sep 15, 2020 by [REDACTED]

### Close Case

SEPTEMBER 15, 2020 by: [REDACTED]

### Note

Inspector [REDACTED] did not see any illicit discharge at the time of inspection but he did see some dumping in the yard. Code compliance was informed of this activity. Site appears to be in the critical area. Close illicit discharge complaint. [REDACTED]

SEPTEMBER 14, 2020 by: [REDACTED]

### Note

Inspector [REDACTED] will be investigating this complaint today. Update will follow.

SEPTEMBER 9, 2020 by: [REDACTED]

Created on Sep 04, 2020 by [REDACTED]



## Complainant Information

Source

SeeClickFix

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

ILLICIT DISCHARGE - GREEN WATER DISCHARGING FROM ADDITIONAL PROPERTIES AT THIS CORNER RUNNING DOW

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

PASADENA

MD

21122

Subdivision

Subdivision

Location Details

Location Details

Received Date

09/10/2020 10:12 AM

System ID

101781

Tickler Date

09/10/2020 12:22 PM

Case ID

E-2020-641

Completed Date

[REDACTED]

Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

PASADENA

MD

21122

District

[REDACTED]

[REDACTED]

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Address



PASADENA

MD

21122

## Assignment Information

Date Assigned



09/10/2020 10:12 AM

Warning



Please, select row

Inspector

(current caseload: 29)

Supervisor

(302)

Permit Number

Waterfront

N

Original Case ID

Critical Area

Y

ADC Map

Cty. Council

N

Case Organization

## Case Details

There is green water discharge from additional properties at this corner running down Bar Harbor Road in both directions.

## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property



Case #	Received Date	Status	Summary
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

## Related Cases

type a case number or click to see related cases

Closed

## Case Timeline

First Closed on Sep 23, 2020 by  

Last updated on Sep 23, 2020 by  




### CLOSE COMPLAINT

COMPLAINT CLOSED - NO ADDITIONAL REPORTS OR EVIDENCE OF CONTINUED DISCHARGE FOLLOWING INITIAL COMPLAINT.

SEPTEMBER 23, 2020 by: 




### Note

INSPECTOR  CONDUCTED FOLLOW-UP INSPECTION ON 09/23/2020, AT 1330 HOURS. NO ACTIVE DISCHARGE WAS WITNESSED OR OCCURRING AT THE TIME OF RE-INSPECTION. DISCHARGE HOSE WAS STILL PHYSICALLY PRESENT IN DRIVEWAY BUT NO ACTIVE FLOW PATH OF ANY DISCHARGE WAS DISCOVERED.

SEPTEMBER 23, 2020 by: 



### Note

INSPECTOR  CONDUCTED ON-SITE INSPECTION ON 09/10/2020 AT 1330 HOURS. UPON ARRIVING A 3 INCH BLACK FABRIC HOSE WITH WHITE PLASTIC NOZZLE WAS OBSERVED IN THE DRIVEWAY AREA. THERE WAS NO ACTIVE DISCHARGE FLOWING FROM THE HOSE AT THE TIME OF INSPECTION BUT THERE WAS EVIDENCE OF A GREEN RESIDUE IN THE DRIVEWAY AND GREEN WATER OBSERVED AND PHOTOGRAPHED ALONG EDGE OF ROADWAY - BAR HARBOR ROAD. INSPECTOR FORD KNOCKED ON DOOR AND

RECEIVED NO ANSWER. INSPECTOR FORD LEFT A BUSINESS CARD, COPY OF AACO ILLICIT DISCHARGE MATERIALS AND COPY OF MDE SWIMMING POOL GUIDANCE MATERIALS. INSPECTOR [REDACTED] LEFT PROPERTY AND WALKED DOWN BAR HARBOR ROAD TO DOCUMENT THE EVIDENCE OF PRIOR DISCHARGE. AT THAT TIME PROPERTY OWNER [REDACTED] EXITED THE HOME AND INSPECTOR [REDACTED] WAS ABLE TO STOP AND SPEAK WITH HIM. WHEN ASKED WHAT THE DISCHARGE WAS, [REDACTED] STATED THAT IS WAS NOT A SWIMMING POOL BUT SUMP PUMP DISCHARGE. INSPECTOR [REDACTED] INQUIRED ABOUT THE GREEN COLOR TO THE DISCHARGE AND [REDACTED] REPLIED IT WAS GREEN IN COLOR FROM LAWN/GRASS CLIPPINGS. INSPECTOR [REDACTED] EXPLAINED THAT WAS NOT PROBABLE AS THE HOSE DISCHARGED ON THE ASPHALT / CEMENT DRIVEWAY AND INQUIRED IF THE SUMP HAD STORAGE IN WHICH THE STANDING SUMP PUMP DISCHARGE COULD HAVE BEEN TREATED WITH AN ADDITIVE OR POSSIBLE ALGAE GROWTH. [REDACTED] STATED THAT NO STORAGE WAS IN SUMP. INSPECTOR [REDACTED] EXPLAINED THE IMPORTANCE OF UNDERSTANDING ILLICIT DISCHARGE AND IMPLICATIONS WHEN RESIDING IN CRITICAL AREA ON ROCK CREEK. [REDACTED] ACKNOWLEDGED AND DEPARTED IN HIS VEHICLE. CASE WILL REMAIN OPEN FOR PERIOD OF 1-2 WEEKS IN EVENT ANOTHER DISCHARGE EVENT IS REPORTED. IF NO FURTHER EVENTS, THEN CASE WILL BE CLOSED.

SEPTEMBER 11, 2020 by: [REDACTED]

*Created on Sep 10, 2020 by [REDACTED] [REDACTED]*



## Complainant Information

Source

Person



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

Soapy foamy discharge in Bear Branch stream at Oak Stump Drive, Millersville

Address

[REDACTED]

0

FLOOD PLAINS

MILLERSVILLE

MD

21108

Subdivision

Subdivision

Location Details

Soapy discharge in Bear Branch

Received Date



09/24/2020 11:27 AM

System ID

102044

Tickler Date



10/04/2020 11:27 AM

Case ID

E-2020-679

Completed Date



Receiver

[REDACTED]



## Owner Information

First Name

Last Name

(XXX)-XXX-XXXX

Owner, Second Name

ANNE ARUNDEL COUNTY

Email

Address

0

FLOOD PLAINS

MILLERSVILLE

MD

21108

District

District

Council Member

## Violator Information

Set Violator Same as Owner

First Name

Last Name

(XXX)-XXX-XXXX

Violator Second Name

Company Name

Address

House Number

Street Name

Street Type

City

State

Zip

## Assignment Information

Date Assigned



09/24/2020 11:27 AM

Warning



Please, select row

Inspector

██████████ (current caseload: 29)



Supervisor

██████████ ██████████ ██████████



Permit Number

Waterfront

Y



Original Case ID

Critical Area

N



ADC Map

Cty. Council



Case Organization

## Case Details

Soapy foamy discharge in Bear Branch at Oak Stump Drive, Millersville



## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property

Case #	Received Date	Status	Summary	
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## Related Cases

type a case number or click to see related cases

Closed

## Case Timeline

First Closed on Oct 12, 2020 by [REDACTED]

Last updated on Oct 12, 2020 by [REDACTED]

### CLOSE COMPLAINT

At the request of INP Assistant Director [REDACTED] and DPW Bureau of WPRP Director [REDACTED], a re-inspection was conducted on 10/8/2020, at 0830 hours, at all locations previously documented to have the presence of fire suppressant foam discharge. No significant visual evidence of the fire suppressant foam was noted to be present. Some minute traces of suds at ri. le areas in stream and evidence of naturally occurring iron bacteria which caused a orange cloudy slime with some foam froth. Complaint closed.

OCTOBER 12, 2020 by: [REDACTED]

### ILLEGAL DISCHARGES VIOLATION

Inspector [REDACTED], Environmental Control Inspector – WPRP was contacted via email by Shipley’s Choice Dam Deconstruction third party Construction Project Manager, [REDACTED] on 09/24/2020, at 10:44 am with concern of upstream “washing” that was discharging foamy, soapy residue in Bear Branch which flows through the active construction site. Pictures were included and Inspector [REDACTED] acknowledged receipt, initiated investigation, and opened in County Case Manager System Environmental Complaint E-2020-679. At 12:00 pm on 09/24/2020, Inspector [REDACTED] arrived at the County Fire Academy located on Maxwell Frye Jr. Road in Millersville. Upon arrival, a foam substance was observed on the academy asphalt adjacent to the property boundary along Bear Branch. A grated slot drain with culvert outfall in Bear Branch stream / floodplain area was photo documented as the source for the foam discharge to enter the steam channel. Inspector [REDACTED] contacted [REDACTED] Environmental Control Supervisor – WPRP to

advice of the illicit discharge complaint and investigation. Inspector [REDACTED] spoke with [REDACTED], Division Chief at the Fire Training Academy at 12:10 pm. Ms. [REDACTED] advised that there was a fire suppressant foam that was used and discharged. Inspector [REDACTED] explained there was documented evidence of the foam entering Bear Branch, flowing downstream and requested copies of the Materials Safety Data Sheet (MSDS) for the foam fire suppressant that was used. Ms. [REDACTED] agreed to request MSDS from the Hanover station logistics (truck that discharged the foam) and send via email. Inspector [REDACTED] indicated that in the interim she would be walking the site and Bear Branch channel to observe and document the extent of foam product. Inspector [REDACTED] while conducting the on-site inspection found 2-3 foot thick foam around slot drain outfall and consistent 3-5 foot thick blanket of foam in the Bear Branch stream channel reaching approximately 200 - 300 yards downstream. Video and photographic documentation was taken to reflect foam conditions. Inspector [REDACTED] created a Google Drive folder to upload video and photographic documentation. At 1:08 pm on 09/24/2020, Inspector [REDACTED] received the MSDS from Mr. Mayers and forward to [REDACTED] Supervisor. At 1:30 pm on 09/24/2020, [REDACTED] advised Inspector [REDACTED] to forward the MSDS and photographic findings to [REDACTED] and contact for the illicit discharge (IDDE) program at the Bureau of Watershed Protection and Restoration. Inspector [REDACTED] both called (left voicemail) and emailed [REDACTED] to alert to findings and to inquire for guidance on how to proceed. Since [REDACTED] was not reached during initial outreach, [REDACTED] advised to also send email to [REDACTED] Senior Planner/Program Manager at Bureau of Watershed Protection and Restoration. At 2:46 pm on 09/24/2020, [REDACTED] responded and advised that she believed this was an enforceable illicit discharge and she was elevating the issue to [REDACTED] Director of Bureau of Watershed Protection and Restoration. Inspector [REDACTED] was concurrently corresponding via email with [REDACTED] Assistant Director of Inspections and Permits Department (INP) to share findings on investigation. Inspector [REDACTED] shared the Google Drive folder at 2:42 pm on 09/24/2020, with aforementioned contacts at the Bureau of Watershed Protection and Restoration, [REDACTED] INP and [REDACTED] INP. Inspector [REDACTED] continued foam investigation at several additional location to include 1) Shipley's Choice Phase II construction site (Permit #G02014814) located off of Oak Stump Drive, Millersville, 2) Bear Branch stream channel at W. Benfield Road, Severna Park, (completed Shipley's Choice Phase I site) and 3) Severn River at Severnside Drive, Severna Park. Foam was

observed at all site locations with the exception of Severnside Drive and Severn River in which there was no observed and documented foam discharge. [REDACTED] and [REDACTED] at MDE were notified by INP Assistant Director [REDACTED] on 09/24/2020. MDE advised that they would send a team out to Bear Branch on 09/25/2020.

OCTOBER 12, 2020 by: [REDACTED]

Created on Sep 24, 2020 by [REDACTED]



## Complainant Information

Source

SeeClickFix

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

ILLICIT DISCHARGE

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

GLEN BURNIE

MD

21060

Subdivision

Subdivision

Location Details

Location Details

Received Date



10/09/2020 11:08 AM

System ID

102260

Tickler Date



10/19/2020 11:08 AM

Case ID

E-2020-715

Completed Date



Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

GLEN BURNIE

MD

21060

District

3

Nathan Volke

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Address



GLEN BURNIE

MD

21060

## Assignment Information

Date Assigned



10/09/2020 11:08 AM

Warning



Please, select row

Inspector



(current caseload: 39)

Supervisor



(302)



Permit Number

Waterfront

N



Original Case ID

Critical Area

N



ADC Map

Cty. Council

N



Case Organization

## Case Details

## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property

Case #	Received Date	Status	Summary
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## Related Cases

type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Oct 09, 2020 by [REDACTED]

Last updated on Oct 09, 2020 by [REDACTED]



### Note

Inspector went to site on 10/9/2020. There was no discharge hose or water on the road. Case closed.

OCTOBER 9, 2020 by: [REDACTED]

Created on Oct 09, 2020 by [REDACTED]



## Complainant Information

Source

SeeClickFix

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

DISCHARGING WASTEWATER IN STORM DRAIN

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

EDGEWATER

MD

21037

Subdivision

Subdivision

Location Details

Location Details

Received Date

10/26/2020 03:29 PM

System ID

102458

Tickler Date

11/05/2020 03:29 PM

Case ID

E-2020-746

Completed Date

04/21/2021 07:25 PM

Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Owner, Second Name

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

EDGEWATER

MD

21037

District

[REDACTED]

[REDACTED]

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Violator Second Name

Company Name

Address

█ ████ █

EDGEWATER MD 21037

### Assignment Information

Date Assigned

🕒 10/26/2020 03:29 PM Warning ✖

Inspector

█ █ (current caseload: 30) Supervisor █ █ (302) ▾

Permit Number

Waterfront N ▾

Original Case ID

Critical Area Y ▾

ADC Map

Cty. Council N ▾

Case Organization

### Case Details

## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property

Case #	Received Date	Status	Summary
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## Related Cases

type a case number or click to see related cases

Closed

## Case Timeline +

First Closed on Apr 21, 2021 by [REDACTED]

Last updated on Apr 21, 2021 by [REDACTED]

### Close Case

Close case. Inspector [REDACTED] could not find and evidence of any discharge on site. [REDACTED]

APRIL 21, 2021 by: [REDACTED]

### Note

Inspector hall saw no discharge at site, but spoke with two separate persons who state that this is an ongoing issue. Will continue to inspect for signs of discharge.

NOVEMBER 17, 2020 by: [REDACTED]

### Note

Inspector [REDACTED] visited the site @ 1045 on October 27, 2020 and saw no discharge at this time.

OCTOBER 27, 2020 by: [REDACTED]

Created on Oct 26, 2020 by: [REDACTED]





## Complainant Information

Source

Anonymous

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

DRAINING POOL WATER INTO DRAIN

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

EDGEWATER

MD

21037

Subdivision

Subdivision

Location Details

Location Details

Received Date



11/02/2020 02:19 PM

System ID

102548

Tickler Date



11/12/2020 02:19 PM

Case ID

E-2020-771

Completed Date



[REDACTED]

Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Owner, Second Name

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

EDGEWATER

MD

21037

District

[REDACTED]

[REDACTED]

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Violator Second Name



## Active Permit Application Information

Type	Permit #	Status
------	----------	--------

## Other Cases On This Property

Case #	Received Date	Status	Summary
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## Related Cases


type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Nov 17, 2020 by 

Last updated on Nov 17, 2020 by 

 **NO VIOLATION FOUND**

Inspection revealed no pumping to be found. Inspector left pool water discharge info at home.

NOVEMBER 17, 2020 by: 

Created on Nov 02, 2020 by 



## Complainant Information

Source

Anonymous

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

ILLEGAL DISCHARGE INTO STORM DRAIN

Address

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

WEST RIVER

MD

20778

Subdivision

Subdivision

Location Details

Location Details

Received Date

11/13/2020 09:16 AM

System ID

102638

Tickler Date

11/23/2020 09:16 AM

Case ID

E-2020-784

Completed Date

[REDACTED]

Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED] [REDACTED]

Company Name

Email

Address

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

WEST RIVER

MD

20778

District

District

Council Member

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED] [REDACTED]

Company Name

Address

█

█ █

█ █

WEST RIVER

MD

20778

## Assignment Information

Date Assigned



11/13/2020 09:16 AM

Warning



Please, select row

Inspector

█ █ (current caseload: 7)

Supervisor

█ █ (302)

Permit Number

Waterfront

Y

Original Case ID

Critical Area

Y

ADC Map

Cty. Council

N

Case Organization

## Case Details

PUMPING WATER FROM POOL INTO DRAIN

## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property

Case #	Received Date	Status	Summary
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## Related Cases


type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Nov 17, 2020 by 

Last updated on Nov 17, 2020 by 



### NO VIOLATION FOUND

Inspection revealed no pool at 

NOVEMBER 17, 2020 by: 

Created on Nov 13, 2020 by 



## Complainant Information

Source

Person



Email

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

Address

GLEN BURNIE

MD

21061

Subdivision

Subdivision

Location Details

Location Details

Received Date



11/16/2020 07:30 AM

System ID

102717

Tickler Date



11/30/2020 01:29 PM

Case ID

E-2020-797

Completed Date



Receiver

## Owner Information

First Name

Last Name

(XXX)-XXX-XXXX

Owner, Second Name

Email

Address

GLEN BURNIE

MD

21061

District

## Violator Information

Set Violator Same as Owner

First Name

Last Name

(XXX)-XXX-XXXX

Violator Second Name

[REDACTED]

Address

[REDACTED]

[REDACTED]

[REDACTED]

GLEN BURNIE

MD

21061

## Assignment Information

Date Assigned



11/16/2020 07:30 AM

Warning



Please, select row

Inspector

[REDACTED]

(current caseload: 39)



Supervisor

[REDACTED]

[REDACTED]

(302)



Permit Number

Waterfront



Original Case ID

Critical Area



ADC Map

Cty. Council



Case Organization

## Case Details



## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property

Case #	Received Date	Status	Summary	
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## Related Cases

type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Nov 20, 2020 by [REDACTED]

Last updated on Nov 20, 2020 by [REDACTED]



### Note

Inspector received an email from owner of [REDACTED] on Monday 11/16/2020 about a pool discharge. Inspector was able to meet with the owner of the pool at [REDACTED]. Inspector tested pool water and the water was free of chlorine. The owner of the pool was instructed to be more neighborly with the pool discharge. Case closed.

NOVEMBER 20, 2020 by: [REDACTED]

Created on Nov 20, 2020 by [REDACTED] [REDACTED]



## Complainant Information

Source

Person



[Redacted] [Redacted] [Redacted] [Redacted]

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

DRAINED DISCHARGE FROM TRAILER INTO STORM DRAIN

Address

[Redacted]

[Redacted]

[Redacted]

[Redacted]

MILLERSVILLE

MD

21108

Subdivision

Subdivision

Location Details

Location Details

Received Date



12/01/2020 12:03 PM

System ID

102843

Tickler Date



12/12/2020 09:54 AM

Case ID

E-2020-808

Completed Date



[Redacted]

Receiver

[Redacted]

[Redacted]



## Owner Information

[Redacted]

[Redacted]

(XXX)-XXX-XXXX

Owner, Second Name

Company Name

Email

Address

[Redacted]

[Redacted]

[Redacted]

MILLERSVILLE

MD

21108

District

District

Council Member

## Violator Information

Set Violator Same as Owner

[Redacted]

[Redacted]

(XXX)-XXX-XXXX

Violator Second Name

Company Name

Address

[Redacted] [Redacted] [Redacted]

MILLERSVILLE MD 21108

### Assignment Information

Date Assigned

🕒 12/01/2020 12:03 PM

Warning ✖  
Please, select row

Inspector

[Redacted] [Redacted] (current caseload: 29) ▼

Supervisor

[Redacted] (302) ▼

Permit Number

Waterfront

N ▼

Original Case ID

Critical Area

N ▼

ADC Map

Cty. Council

N ▼

Case Organization

### Case Details

ALSO KNOWN AS: [Redacted]  
Driveway is off of [Redacted].

## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property

Case #	Received Date	Status	Summary	
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## Related Cases



type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Apr 09, 2021 by  




Last updated on Apr 09, 2021 by  

### Note

CASE WILL REMAIN OPEN FOR A PERIOD OF SEVERAL WEEKS SHOULD ADDITIONAL INCIDENT(S) BE REPORTED AND OBSERVED.

DECEMBER 3, 2020 by: 

### Note

INSPECTOR  CONTACTED COMPLAINANT TO ADVISE OF VISIT FINDINGS. COMPLAINANT ADVISED THAT THE TRAILER IS RENTED OUT BY OTHERS BUT IS OWNED BY THE PROPERTY OWNER AT , MILLERSVILLE, MD 21108. INSPECTOR  WILL MAIL VIA USPS (DUE TO COVID-19 RESTRICTIONS) INFORMATION CONCERNING PROHIBITED ILLICIT DISCHARGE TO ALLEGED VIOLATOR.

DECEMBER 2, 2020 by: 

### OPENED COMPLAINT CASE

INSPECTOR  CONDUCTED ON-SITE VISIT ON 12/1/2020, AT 1500 HOURS. UPON ARRIVAL NO TRAILER WAS PRESENT ON THE

ALLEGED VIOLATOR PROPERTY. TREE TRIMMING AND REMOVAL SERVICES WERE OBSERVED BEING CONDUCTED ON PROPERTY NEXT DOOR. NO ACTIVE ILLICIT DISCHARGE FROM TRAILER WAS WITNESSED AT THE TIME OF VISIT.

DECEMBER 2, 2020 by: [REDACTED]

*Created on Dec 01, 2020 by [REDACTED] [REDACTED]*



## Complainant Information

Source

SeeClickFix

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

ILLEGAL DISCHARGE

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

SHADY SIDE

MD

20764

Subdivision

Subdivision

Location Details

Location Details

Received Date



01/07/2021 12:17 PM

System ID

103181

Tickler Date



01/17/2021 12:17 PM

Case ID

E-2021-5

Completed Date



04/21/2021 07:26 PM

Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

SHADY SIDE

MD

20764

District

[REDACTED]

[REDACTED]

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Address

█

██████████

█

SHADY SIDE

MD

20764

## Assignment Information

Date Assigned



01/07/2021 12:17 PM

Warning



Please, select row

Inspector

█

█

(current caseload: 30)

Supervisor

█

█

(302)



Permit Number

Waterfront

Y



Original Case ID

Critical Area

Y



ADC Map

Cty. Council

N



Case Organization

## Case Details

## Active Permit Application Information

Type	Permit #	Status
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## Other Cases On This Property

Case #	Received Date	Status	Summary
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## Related Cases

type a case number or click to see related cases

Closed

## Case Timeline

First Closed on Apr 21, 2021 by [REDACTED] [REDACTED]

Last updated on Apr 21, 2021 by [REDACTED] [REDACTED]

### Close Case

Close case. Inspector [REDACTED] could not find any sign of a discharge while conducting his field inspection. [REDACTED]

APRIL 21, 2021 by: [REDACTED]

### CLOSE COMPLAINT

Inspection revealed that there is no illicit discharge at this site. There is a small pump in the community common area that drains a low point. Pump is not located at [REDACTED]. Hose ends about 25 feet from water

JANUARY 12, 2021 by: [REDACTED]

Created on Jan 07, 2021 by [REDACTED] [REDACTED]





## Complainant Information

Source

Person



[REDACTED]

[REDACTED]

[REDACTED]

Email

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

ILLEGAL DISCHARGE

Address

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

BALTIMORE

MD

21225

Subdivision

Subdivision

Location Details

Location Details

Received Date



03/04/2021 12:30 PM

System ID

103710

Tickler Date



03/14/2021 12:30 PM

Case ID

E-2021-97

Completed Date



03/04/2021 02:00 PM

Receiver

[REDACTED] [REDACTED]



## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Owner, Second Name

Company Name

Email

Address

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

BALTIMORE

MD

21225

District

[REDACTED]

[REDACTED] [REDACTED]

## Violator Information

Set Violator Same as Owner

BRIAN

WEBB

(XXX)-XXX-XXXX

Violator Second Name

Company Name

Address

██████████ ██████████ ██████████

BALTIMORE MD 21225

### Assignment Information

Date Assigned

🕒 03/04/2021 12:30 PM

Warning ✖  
Please, select row

Inspector

██████████ (current caseload: ▼) Supervisor ██████████ ( ▼)

Permit Number

Waterfront N ▼

Original Case ID

Critical Area N ▼

ADC Map

Cty. Council N ▼

Case Organization

### Case Details

## Active Permit Application Information

Type	Permit #	Status	
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## Other Cases On This Property

Case #	Received Date	Status	Summary	
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## Related Cases

type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Mar 04, 2021 by JAMES HAUPT (330)

Last updated on Mar 04, 2021 by [REDACTED]

### Close Case

Civil matter between property owners. Close case.

MARCH 4, 2021 by: [REDACTED]

### Note

No evidence provided for the alleged activity. [REDACTED]

MARCH 4, 2021 by: [REDACTED]

Created on Mar 04, 2021 by [REDACTED]



## Complainant Information

Source

Person



[REDACTED]

[REDACTED]

[REDACTED]

Email

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

ILLEGAL DISCHARGE - HOSE GOING FROM SEDIMENT POND TO STORM DRAIN

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

PASADENA

MD

21122

Subdivision

Subdivision

Location Details

Location Details

Received Date



03/04/2021 01:10 PM

System ID

103711

Tickler Date



04/26/2021 10:24 AM

Case ID

E-2021-98

Completed Date



Receiver

[REDACTED]



## Owner Information

First Name

Last Name

(XXX)-XXX-XXXX

Owner, Second Name

ANNE ARUNDEL COUNTY

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

PASADENA

MD

21122

District

I

[REDACTED]

## Violator Information

Set Violator Same as Owner

First Name

Last Name

(XXX)-XXX-XXXX

Violator Second Name

ANNE ARUNDEL COUNTY

Address

[Redacted Address Line 1]

PASADENA MD 21122

### Assignment Information

Date Assigned

🕒 03/04/2021 01:10 PM

Warning ✖  
Please, select row

Inspector

[Redacted Inspector Name] (current caseload) ▾

Supervisor

[Redacted Supervisor Name] ▾

Permit Number

[Redacted Permit Number]

Waterfront

N ▾

Original Case ID

[Redacted Original Case ID]

Critical Area

N ▾

ADC Map

[Redacted ADC Map]

Cty. Council

N ▾

Case Organization

[Redacted Case Organization]

### Case Details

[Empty Case Details Box]

## Active Permit Application Information

Type	Permit #	Status	
------	----------	--------	--

## Other Cases On This Property

Case #	Received Date	Status	Summary	
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## Related Cases

type a case number or click to see related cases

Closed

## Case Timeline



First Closed on Mar 24, 2021 by [REDACTED]

Last updated on Mar 24, 2021 by [REDACTED]

 CIVIL CITATION /CA (NON CONFORMANCE) 

[REDACTED]. Creating a source of offsite erosion or sediment deposition, Section 5-101(11)

MARCH 10, 2021 by: [REDACTED]

 CIVIL CITATION /CA (NON CONFORMANCE) 

[REDACTED]. Unauthorized discharge of non-natural stormwater to a stormdrain or watercourse, Section 4-105

MARCH 10, 2021 by: [REDACTED]

Created on Mar 04, 2021 by [REDACTED]



## Complainant Information

Source

SeeClickFix

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

ILLIEGAL DISCHARGE - POOL DRAINING

Address

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

[REDACTED]

MD

21090

Subdivision

Subdivision

Location Details

Location Details

Received Date



03/05/2021 11:33 AM

System ID

103727

Tickler Date



03/15/2021 11:33 AM

Case ID

E-2021-104

Completed Date



[REDACTED]

Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Owner, Second Name

Company Name

Email

Address

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

LINTHICUM

MD

21090

District

[REDACTED]

[REDACTED] [REDACTED]

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Violator Second Name





## Active Permit Application Information

Type	Permit #	Status
------	----------	--------

## Other Cases On This Property

Case #	Received Date	Status	Summary
--------	---------------	--------	---------

## Related Cases

type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Mar 08, 2021 by [REDACTED]

Last updated on Mar 08, 2021 by [REDACTED]



### Note

Inspector went to [REDACTED] on 3/5/2021. Inspector did not see any water on the street behind [REDACTED]. The owner was not currently pumping any water. The water was being pumped from the pool cover. Therefore, the water did not have chlorine in it. There was no violation at the time of inspection. Case closed. Will monitor for future violations.

MARCH 8, 2021 by: [REDACTED]

Created on Mar 05, 2021 by [REDACTED]



## Complainant Information

Source

Person



[REDACTED]

[REDACTED]

[REDACTED]

Email

## Case Information

Complaint

Environment



ILLEGAL DISCHARGES COMPLAINT



Summary

STORM WATER POLLUTION

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

HANOVER

MD

21076

Subdivision

Subdivision

Location Details

Location Details

Received Date



03/16/2021 12:43 PM

System ID

103865

Tickler Date



03/26/2021 12:43 PM

Case ID

E-2021-128

Completed Date



[REDACTED]

Receiver

[REDACTED]



## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Owner, Second Name

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

HANOVER

MD

21076

District

[REDACTED]

[REDACTED]

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

Violator Second Name


Company Name


Address

██████████ ██████████ ██████████

HANOVER MD 21076


### Assignment Information

Date Assigned  03/16/2021 12:43 PM

Warning   
Please, select row

Inspector Robert ██████████ (current caseload: 20)  Supervisor ██████████ (302) 

Permit Number  Waterfront N 

Original Case ID  Critical Area N 

ADC Map  Cty. Council N 

Case Organization

### Case Details

3-16-21  
Inspector ██████████ investigated went out to ██████████. there is a SHA outfall and stream that runs parallel with ██████████ There is a sheen like substance in the water that is front of the outfall pipe. The source of the sheen is coming from the clay deposit that is the area. Will monitor after a rain event to see if the sheen leaves area.

3-19-2021  
Inspector ██████████ investigated area after rain event and notice that calcium deposit from the clay where no longer in the outfall area. Contacted Citizen to inform him of the investigation. No petroleum discharge could be determine to be the source of the sheen in the drain outfall. Complaint will be closed.

## Active Permit Application Information

Type	Permit #	Status	
------	----------	--------	--

## Other Cases On This Property

Case #	Received Date	Status	Summary	
--------	---------------	--------	---------	--


## Related Cases


type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Apr 08, 2021 by 

Last updated on Apr 08, 2021 by 

Created on Mar 16, 2021 by 



## Complainant Information

Source

SeeClickFix

## Case Information

Complaint

Environment

ILLEGAL DISCHARGES COMPLAINT

Summary

ILLEGAL DISCHARGE

Address

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

SEVERN

MD

21144

Subdivision

Subdivision

Location Details

Location Details

Received Date

03/25/2021 02:06 PM

System ID

103986

Tickler Date

04/04/2021 02:06 PM

Case ID

E-2021-148

Completed Date

[REDACTED]

Receiver

[REDACTED]

## Owner Information

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Email

Address

[REDACTED]

[REDACTED]

[REDACTED]

SEVERN

MD

21144

District

[REDACTED]

[REDACTED]

## Violator Information

Set Violator Same as Owner

[REDACTED]

[REDACTED]

(XXX)-XXX-XXXX

[REDACTED]

Company Name

Address

██████

██████████

██

SEVERN

MD

21144

## Assignment Information

Date Assigned



03/25/2021 02:06 PM

Warning



Please, select row

Inspector

██████ ████████ (current caseload: 20)

Supervisor

██████ ████████ (302)

Permit Number

Waterfront

N

Original Case ID

Critical Area

N

ADC Map

Cty. Council

N

Case Organization

## Case Details

3-26-2021

Inspector ████████ Investigated spoke with Mr. ████████ to see if there where any illegal discharge complaints of his knowledge. He was unaware of any complaints.

3-29-2021

Inspector ████████ spoke with ████████ about complaint. The complaint stated that drainage pipe is causing stream to overflow. When I investigated address there is no drainage pipe in area. Will close out complaint, since no drainage pipe is there.

## Active Permit Application Information

Type	Permit #	Status
------	----------	--------

## Other Cases On This Property

Case #	Received Date	Status	Summary
--------	---------------	--------	---------


## Related Cases


type a case number or click to see related cases

Closed



## Case Timeline

First Closed on Apr 07, 2021 by 

Last updated on Apr 07, 2021 by 

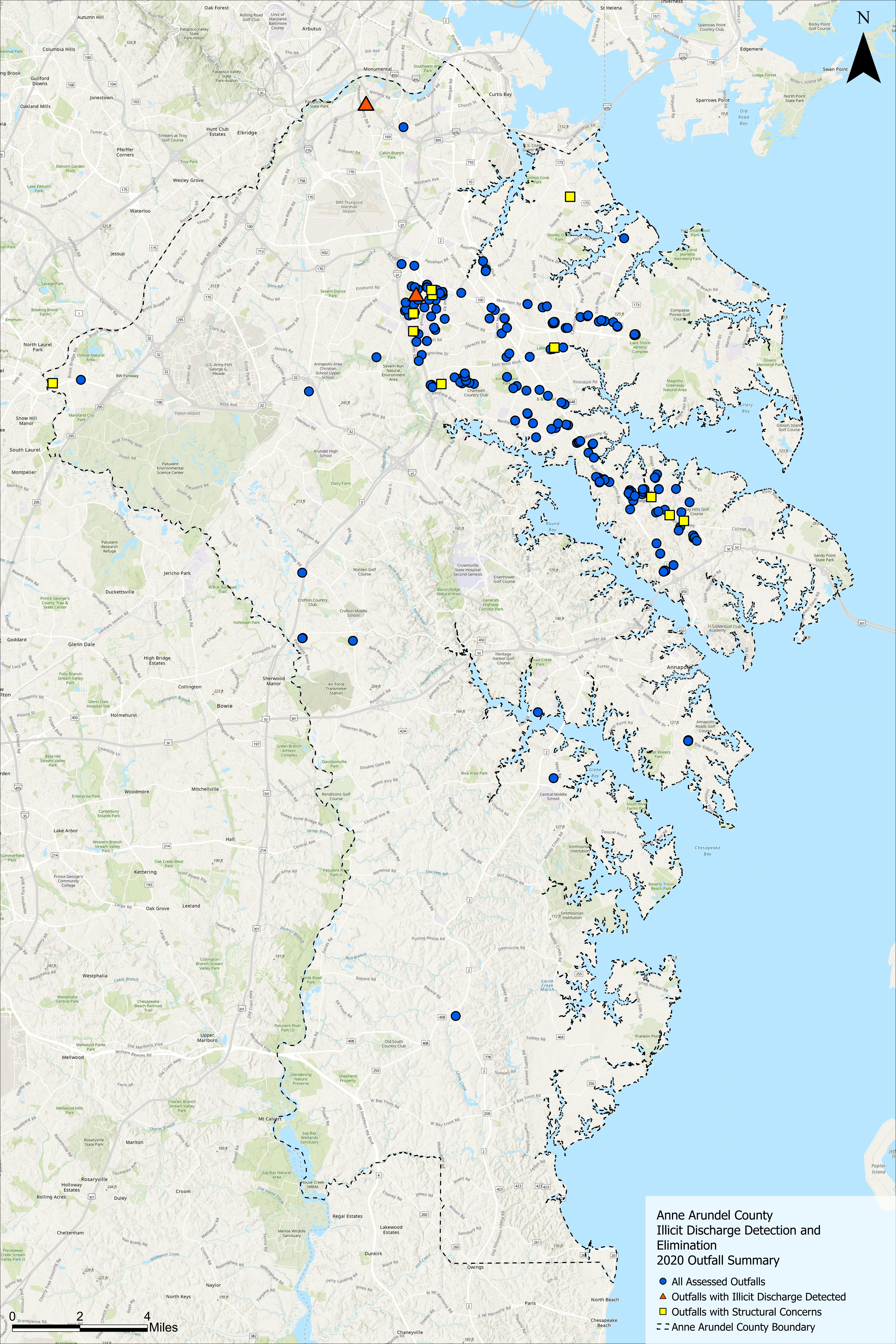
Created on Mar 25, 2021 by 

# Appendix F: Large-Scale Maps

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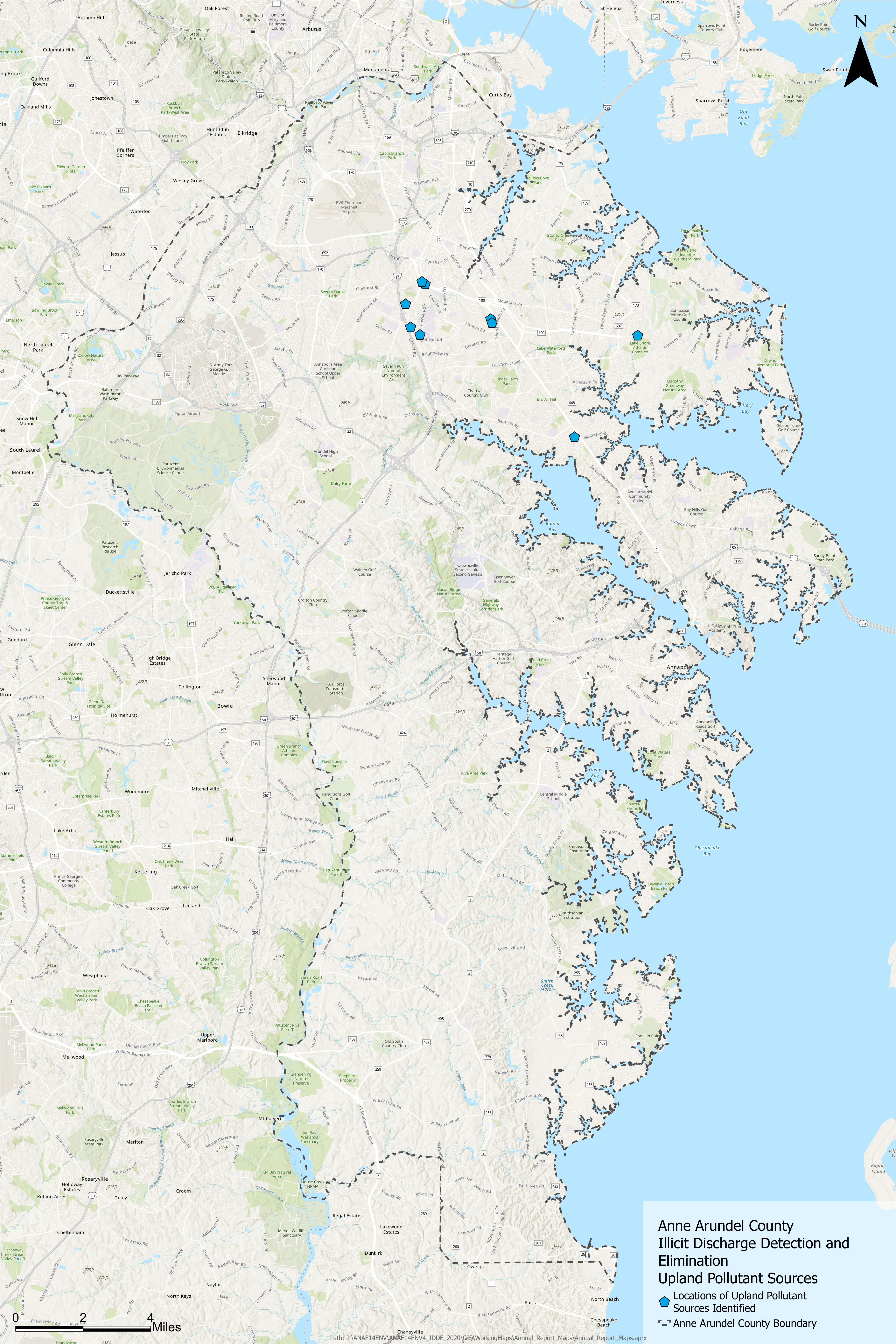




### Anne Arundel County Illicit Discharge Detection and Elimination 2020 Outfall Summary

- All Assessed Outfalls
- ▲ Outfalls with Illicit Discharge Detected
- Outfalls with Structural Concerns
- Anne Arundel County Boundary

0 2 4 Miles



**Anne Arundel County  
Illicit Discharge Detection and  
Elimination  
Upland Pollutant Sources**

- Locations of Upland Pollutant Sources Identified
- Anne Arundel County Boundary