



# Maryland

## Department of the Environment

Larry Hogan, Governor  
Boyd K. Rutherford, Lt. Governor  
Ben Grumbles, Secretary  
Horacio Tablada, Deputy Secretary

January 25, 2018

The Honorable Thomas V. Mike Miller, Jr.  
President of Senate  
State House, H-107  
Annapolis MD 21401-1991

The Honorable Michael E. Busch  
Speaker of House of Delegates  
State House, H-101  
Annapolis MD 21401-1991

Committee Members, Legislative Policy Committee  
Legislative Services Building, Room 200 B  
90 State Circle  
Annapolis MD 21401

Re: Annual Enforcement and Compliance Report

Dear President Miller, Speaker Busch, and Committee Members:

As required by the §1-301(d) of the Environment Article, the Maryland Department of the Environment is required to submit a report to the Legislative Policy Committee in accordance with §2-1246 of the State Government Article each year. The report is to cover the enforcement activities conducted by the Department. The report for fiscal year 2017 is enclosed.

Sincerely,

A handwritten signature in blue ink that reads "Ben Grumbles".

Ben Grumbles  
Secretary

cc: Ryane Necessary, Committee Staff, Legislative Policy Committee  
Dana Tagalicod, Committee Staff, Legislative Policy committee  
Sarah Albert, Mandated Report Specialist, Department of Legislative Services

Enclosure



Maryland  
Department of  
the Environment

# ANNUAL ENFORCEMENT & COMPLIANCE REPORT

## FISCAL YEAR 2017

Larry Hogan  
Governor

Boyd K. Rutherford  
Lieutenant Governor

Ben Grumbles  
Secretary

Horacio Tablada  
Deputy Secretary

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**SECTION ONE**  
**REPORT BASIS AND SUMMARY**  
**INFORMATION**

# ANNUAL ENFORCEMENT AND COMPLIANCE REPORT FISCAL YEAR 2017

## **Statutory Authority and Scope**

Environment Article §1-301(d), *Annotated Code of Maryland*, (see Appendix C for full text), requires the Maryland Department of the Environment (MDE) to report annual performance results for specific regulatory programs and the penalty dollars collected and deposited into several funds. This report is intended to fulfill that statutory requirement. In addition to the required information, this report also includes MDE's other enforcement programs, additional information about each program, and additional data about the activities and facilities that are subject to regulation under the Environment Article.

## **Organization of the Report**

Section One includes an overall, Department-wide summary of the FY 2017 results. A table on pages eight through ten compares the historical annual Department-wide performance measures from FY 1998 – 2017. Two graphs on page 11 also illustrate trends for enforcement actions and penalties obtained for these years.

Section Two presents program-specific information concerning enforcement and compliance activities for the reported programs. Related materials appear as appendices in Section Three.

Inclusion of any facility on the cover is not an indication of its compliance status nor does it indicate that the facility is referenced in the report.

# EXECUTIVE SUMMARY

The Maryland Department of the Environment's (MDE's) 21st Enforcement and Compliance Report, for Fiscal Year 2017 (July 2016-June 2017) reports data from MDE's enforcement and compliance programs and from the Environmental Crimes Unit of the Office of the Attorney General. This document has been prepared in accordance with the requirements of §1-301(d) of the Environment Article.

During FY 2017, MDE provided regulatory oversight for 162,068 regulated entities, with 64,766 permits in effect in 32 different enforcement areas. The number of permits in effect declined by 2,672, largely due to the continuing efforts to remove completed projects from the Erosion and Sediment Control section's data. The number of other regulated facilities decreased by more than 17,000, almost entirely due to a reduction in the number of properties required to register under the Lead Rental Registry. This reduction was mostly result of more property owners electing to get their properties certified lead free.

MDE inspected 70,607 sites, which is approximately the same number as FY 2016, and performed almost 190,000 inspections, audits, and spot checks, which is a 28% increase from FY 2016. Almost all of this increase is due to changes in the Water Supply Program monitoring of drinking water systems. The program implemented a new software system at the end of FY 2016. This new system provides for the tracking and auditing of several additional data items resulting in more than 41,000 additional audits.

There was a decrease in the number of enforcement actions this year as a continuing enforcement initiative for property owners who failed to renew rental registrations for the lead rental registry resulted in nearly 6,000 fewer enforcement action than in FY 2016. This initiative assists with the Department's ongoing efforts to reduce and eradicate childhood lead poisoning.

This year, penalties collected from environmental violators totaled \$3,233,531. This is a decrease from last year's total of \$3,735,405. Large changes in penalties collected often reflect the presence or absence of large settlements during the year. Collection of penalties sometimes takes place in a fiscal year after the violation is resolved. Large settlements can take longer to negotiate and collect than smaller amounts.

MDE has continued to prioritize compliance activities based on risks to public health and the environment.

# MDE PERFORMANCE MEASURES EXECUTIVE SUMMARY

	<u>2016 Totals</u>	<u>2017 Totals</u>
<b><u>PERMITTED SITES/FACILITIES</u></b>		
Number of Permits/Licenses Issued	8,784	8,568
Number of Permits/Licenses in Effect at Fiscal Year End	67,438	64,766
<b><u>OTHER REGULATED SITES/FACILITIES</u></b>		
Total Sites	179,779	162,068
<b><u>INSPECTIONS</u></b>		
Number of Sites Inspected	70,545	70,607
Number of Sites Audited But Not Inspected	6,466	6,676
Number of Inspections, Audits, Spot Checks	148,756	189,721
<b><u>ENFORCEMENT ACTIONS</u></b>		
Number of Compliance Assistance Rendered	17,069	16,811
Number of Enforcement Actions Taken	14,829	8,249
<b><u>PENALTIES</u></b>		
Amount of Administrative or Civil Penalties Obtained*	\$3,731,060**	\$3,233,531
Supplemental Environmental Projects	6 (\$2,322,000)	3 (\$1,019,000)

\* This reflects the amount collected in the fiscal year, not the penalties assessed. Collection of penalties sometimes takes place in a fiscal year after the violation is resolved. Large settlements can take longer to negotiate and collect than smaller amounts.

\*\*Updated from previous report to account for refunds that were not taken out of the total.

## ENFORCEMENT WORKFORCE

	Compensation*		Workforce			
			Inspectors**		FTE Vacancies***	
	FY 2016	FY 2017	FY 2016	FY 2017	FY 2016	FY 2017
Air/Radiation	\$3,397,563	\$3,968,505	39.0	39.0	2.60	2.2
Land	\$5,396,387	\$5,813,401	72.0	74.0	6.92	5.0
Water	\$3,885,912	\$3,713,509	41.21	46.71	13.89	3.99
<b>Total</b>	<b>\$12,679,862</b>	<b>\$13,495,415</b>	<b>152.21</b>	<b>159.71</b>	<b>23.41</b>	<b>11.19</b>

\* "Compensation" includes wages plus fringe benefits. The numbers do not include any operating expenses such as vehicles, travel, gasoline, supplies, or other related employment expenses.

\*\* "Inspectors" represent the number of enforcement field inspectors budgeted for the fiscal year. These numbers do not include any administrative, management, or clerical staff associated with enforcement and compliance programs. This table represents total budgeted positions, not the actual number of inspectors currently on staff.

\*\*\* "FTE (full-time equivalent) vacancies" represent the number of full-time-equivalent positions that were vacant during the fiscal year.

## SECTION 1-301(d) PENALTY SUMMARY

TOTAL AMOUNT OF MONEY DEPOSITED AS A RESULT OF ENFORCEMENT ACTIONS AS REQUIRED BY SECTION 1-301(d)*	FY 2016	FY 2017
Clean Air Fund (includes Air Quality and Asbestos)	\$132,660	\$136,800
Clean Water Fund (includes Water and Land administrations)	\$1,278,422	\$1,694,380
Hazardous Substance Control Fund	\$16,550	\$48,067
Nontidal Wetland Compensation Fund	\$45,000	\$0
Oil Disaster Containment Clean Up and Contingency Fund	\$150,357	\$70,198
Recovered from Responsible Parties (under §7-221)**	\$255,144	\$124,205
Sewage Sludge Utilization Fund (This fund is now included in the Clean Water Fund)	\$0	\$0

\* Includes **only** those funds **required** to be reported by the Environment Article, Section 1-301(d). Other penalties are reported by individual programs that total a higher amount since they are deposited into funds not required to be reported by 1-301(d). The Department total is \$3,233,531.

\*\* The number reported is strictly the total amount of money, as a result of enforcement, recovered by the Department from responsible parties in accordance with §7-221 of the Environment Article as called for in the statute.

Please note this table reflects penalties collected during the fiscal year, not penalties assessed.

# MDE PERFORMANCE MEASURES ANNUAL SUMMARY

## FY 1998 - 2004

MDE Performance Measure	1998	1999	2000	2001	2002	2003	2004
<b>PERMITTED SITES/FACILITIES</b>							
Number of Permits/Licenses Issued	8,972	8,350	9,710	9,573	9,671	11,988	11,264
Number of Permits/Licenses in Effect at Fiscal Year End	54,668	56,024	57,253	62,679	62,882	69,831	75,729
<b>OTHER REGULATED SITES/FACILITIES</b>							
Other Sites	89,863	95,892	100,244	105,085	191,177	197,529	204,873
<b>INSPECTIONS *</b>							
Number of Sites Inspected	31,026	30,352	28,626	39,050	37,850	33,048	43,434
Number of Inspections, Audits, Spot Checks	81,372	83,899	90,488	103,782	108,043	98,550	106,845
<b>ENFORCEMENT ACTIONS</b>							
Number of Compliance Assistance Actions Rendered	15,837	14,709	15,831	15,032	16,523	14,120	18,646
Number of Enforcement Actions Taken	1,134	1,391	977	1,542	1,541	2,311	1,856
<b>PENALTIES</b>							
Amount of Penalties Obtained (\$)**	1,145,731	1,206,629	2,093,526	1,334,499	1,523,890	2,321,563	1,781,526

\* Inspections:

Number of Sites Inspected: The number of individual sites physically visited and inspected for compliance.

Number of Inspections, Audits, Spot Checks: The total numbers of sites evaluated for compliance, including on-site inspections, record reviews, audits, and spot-check activities.

Each individual site can be inspected by several programs or by one program more than once, so the former is always less than the latter.

\*\* Amount of Penalties Obtained: The total dollar amount of penalty revenue collected during the fiscal year. Note that penalties can be collected in the fiscal year after the violation for which they are assessed. This table reflects the amount of revenue obtained ("collected") in the fiscal year as a result of all enforcement actions regardless of the fund into which they are deposited.

# MDE PERFORMANCE MEASURES ANNUAL SUMMARY

## FY 2005 - 2010

MDE Performance Measure	2005	2006	2007	2008	2009	2010
<b>PERMITTED SITES/FACILITIES</b>						
Number of Permits/Licenses Issued	10,799	10,737	10,455	11,463	10,043	8,982
Number of Permits/Licenses in Effect at Fiscal Year End	73,155	77,721	77,041	100,206	92,960	93,323
<b>OTHER REGULATED SITES/FACILITIES</b>						
Other Sites	222,673	239,612	253,715	257,744	117,421	158,112
<b>INSPECTIONS *</b>						
Number of Sites Inspected	43,722	55,294	47,723	44,161	44,587	45,332
Number of Inspections, Audits, Spot Checks	103,586	115,977	107,496	122,389	122,079	124,045
<b>ENFORCEMENT ACTIONS</b>						
Number of Compliance Assistance Actions Rendered	10,953	11,067	10,158	11,443	14,412	21,352
Number of Enforcement Actions Taken	1,395	1,946	2,004**	2,704**	2,901	3,099
<b>PENALTIES</b>						
Amount of Penalties Obtained (\$)***	1,631,054	2,803,685	2,248,131	3,970,275	6,516,601	5,099,340

\* Inspections:

Number of Sites Inspected: The number of individual sites physically visited and inspected for compliance.

Number of Inspections, Audits, Spot Checks: The total numbers of sites evaluated for compliance, including on-site inspections, record reviews, audits, and spot-check activities.

Each individual site can be inspected by several programs or by one program more than once, so the former is always less than the latter.

\*\* These two numbers were corrected; they were previously reported as 2,011 and 2,699 respectively.

\*\*\* Amount of Penalties Obtained: The total dollar amount of penalty revenue collected during the fiscal year. Note that penalties can be collected in the fiscal year after the violation for which they are assessed. This table reflects the amount of revenue obtained ("collected") in the fiscal year as a result of all enforcement actions regardless of the fund into which they are deposited.

# MDE PERFORMANCE MEASURES ANNUAL SUMMARY

## FY 2011 - 2017

MDE Performance Measure	2011	2012	2013	2014	2015	2016	2017
<b>PERMITTED SITES/FACILITIES</b>							
Number of Permits/Licenses Issued	9,089	8,369	8,405	8,708	10,332	8,784	8,568
Number of Permits/Licenses in Effect at Fiscal Year End	92,195	92,271	92,537	78,588	69,088	67,438	64,766
<b>OTHER REGULATED SITES/FACILITIES</b>							
Other Sites	158,058	158,161	160,223	160,332	169,094	179,779	162,068
<b>INSPECTIONS *</b>							
Number of Sites Inspected	52,561	43,448	39,458	42,414	104,454	70,545	70,607
Number of Inspections, Audits, Spot Checks	129,213	122,046	118,836	126,337	183,192	148,756	189,721
<b>ENFORCEMENT ACTIONS</b>							
Number of Compliance Assistance Actions Rendered	21,323	21,121	18,200	20,536	16,762	17,069	16,811
Number of Enforcement Actions Taken	2,564	2,655	2,280	2,151	7,676	14,829	8,249
<b>PENALTIES</b>							
Amount of Penalties Obtained (\$) **	3,486,141	3,622,330	5,878,392	3,620,272	3,681,138	3,731,060 ***	3,233,531

\* Inspections:

Number of Sites Inspected: The number of individual sites physically visited and inspected for compliance.

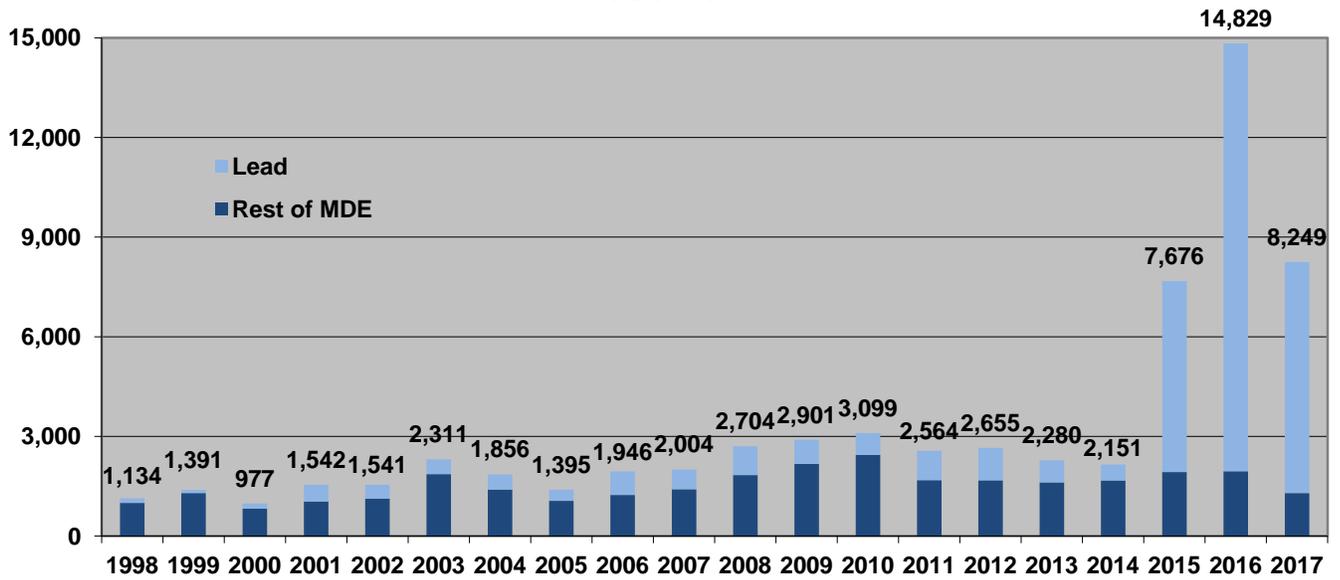
Number of Inspections, Audits, Spot Checks: The total numbers of sites evaluated for compliance, including on-site inspections, record reviews, audits, and spot-check activities.

Each individual site can be inspected by several programs or by one program more than once, so the former is always less than the latter.

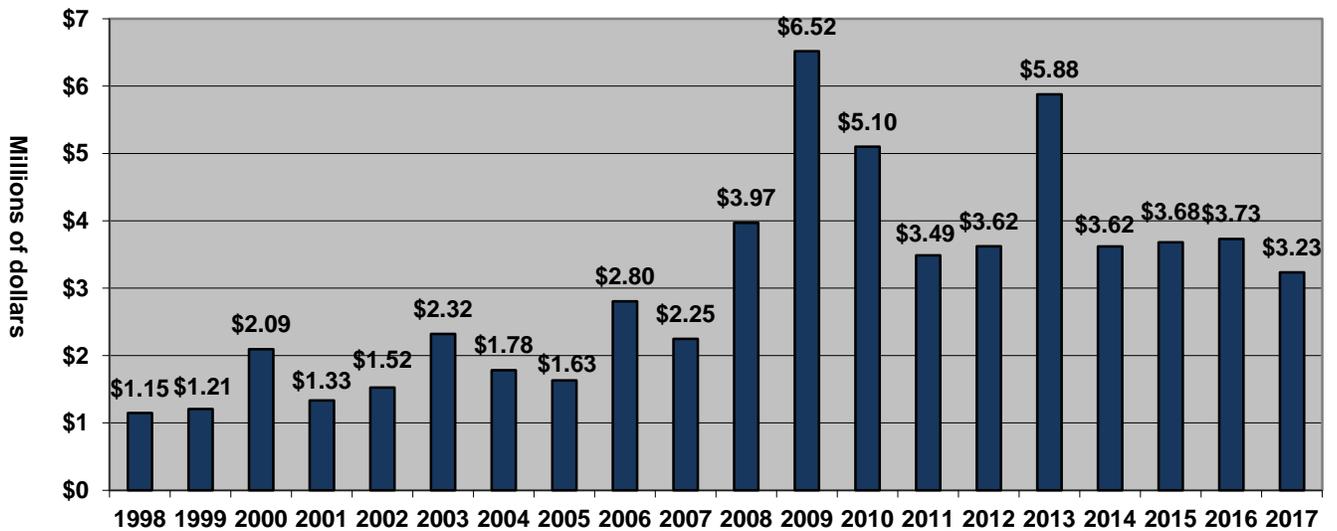
\*\* Amount of Penalties Obtained: The total dollar amount of penalty revenue collected during the fiscal year. Note that penalties can be collected in the fiscal year after the violation for which they are assessed. This table reflects the amount of revenue obtained ("collected") in the fiscal year as a result of all enforcement actions regardless of the fund into which they are deposited.

\*\*\* FY 2016 updated from previous report to account for refunds that were not taken out of the total.

### MDE Enforcement Actions Taken 1998-2017



### MDE Penalty Amounts (\$) Collected 1998-2017



# **MDE'S ENFORCEMENT AND COMPLIANCE PROCESS and SERVICES TO PERMITTEES AND BUSINESSES**

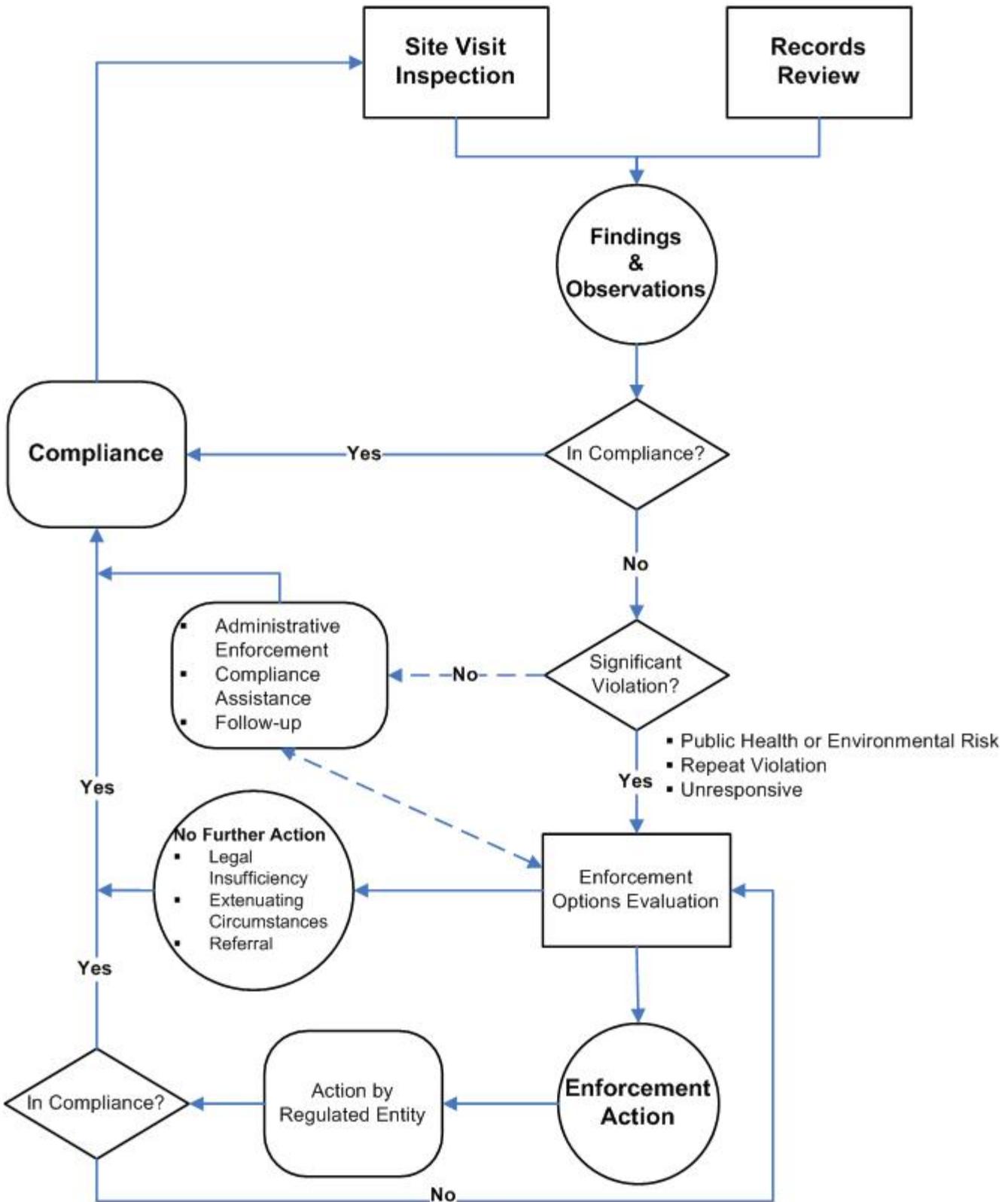
## **The Enforcement and Compliance Process**

The enforcement and compliance processes used by MDE's air, water, and land administrations are authorized in different parts of the Environment Article and were established separately over a period of years. As a result, similar terminology may have technically different meanings for different programs. Despite technical differences, most enforcement programs share certain common functions that allow a year-to-year comparison. Most programs have inspection, monitoring, evaluation, and enforcement components.

Many programs also implement federal rules and regulations in addition to State requirements. In addition, the same individual, company, or facility may fall under the jurisdiction of several different environmental enforcement programs at the federal, state or local level.

If a minor violation such as a record-keeping or reporting error is discovered, a program may use discretion to allow the violator to correct the problem without imposing a penalty. In such cases, compliance assistance may be the most efficient method to achieve compliance with such requirements. Compliance assistance is a process that does not involve the use of a formal enforcement action and is explained in more detail on page 15. If an inspection reveals a significant violation, or if minor violations continue to recur and become a significant problem, then more enhanced actions are warranted. Such action may take the form of penalties, corrective orders, the filing of injunctions, and in some cases, criminal sanctions.

# MDE ENFORCEMENT PROCESS



## **Supplemental Environmental Projects (SEPs)**

MDE's approach to enforcement includes the use of Supplemental Environmental Projects (SEPs). SEPs are projects specifically undertaken to improve the environment by parties who are subject to penalty actions. Under certain limited circumstances, the value of the SEP is allowed by MDE to offset a portion of the penalty.

The U.S. Environmental Protection Agency encourages the use of SEPs for several reasons. First, SEPs add value to enforcement settlements because SEP dollars are spent directly on environmental projects. Second, SEPs require violators to go above and beyond technical compliance with minimum legal standards and thereby reach a higher level of environmental stewardship. Finally, and probably most importantly, SEPs are intended to achieve improvements to the environment that could not be accomplished with traditional penalties. Traditional penalties serve to punish current violations and deter future violations. SEPs accomplish those traditional purposes and provide a form of community service that improves the environment where the violation occurred.

MDE entered into three SEPs during FY 2017 with a total value of \$1,019,000. These SEPs were in the Air and Radiation Administration, the Land and Materials Administration, and the Water and Science Administration. The SEPs involved the replacement of lead-contaminated windows, electric vehicle infrastructure, producing a water quality-related conference, and other water quality projects.

Administration	Number of SEPs		Total Value of SEPs	
	2016	2017	2016	2017
Air and Radiation Administration	0	1	\$0	\$15,000
Land and Materials Administration	3	1	\$964,000	\$4,000
Water and Science Administration	3	1	\$1,358,000	\$1,000,000
<b>TOTALS</b>	<b>6</b>	<b>3</b>	<b>\$2,322,000</b>	<b>\$1,019,000</b>

Details about these SEPs can be found in Appendix F.

## **Contacts or Consultations with Businesses**

Environment Article section 1-301(d) requires this report to “*include information on the type and number of contacts or consultations with businesses concerning compliance with State environmental laws.*” This section identifies the two types of contacts MDE has with businesses to assist in bringing a site into compliance and to assure future compliance: compliance assistance and other consultations.

### **Compliance Assistance**

Compliance assistance is used by MDE as one of the many tools to educate the regulated community before violations occur and--- in the case of non-serious violations--- to bring a site into compliance and to assure future compliance. This form of contact between businesses and MDE’s inspectors is counted in the programs’ performance measures tables under the category of “*compliance assistance.*” As an element of MDE’s compliance process, an inspector renders a tangible act of compliance assistance when the inspector:

- (a) Documents a specific past or current violation which the regulated entity corrects in the absence of a formal enforcement action; or
- (b) Documents a specific action or actions which the regulated entity has the option of undertaking to prevent the likelihood of potential future violations. The action or actions are voluntarily undertaken by the regulated entity in such manner and within such time period as deemed acceptable by MDE in the absence of a formal enforcement action.

For either (a) or (b), the MDE inspector must document the manner in which the regulated entity voluntarily achieved compliance. This definition of "compliance assistance" requires the action to be measurable, and objectively verifiable by a third party. This documents MDE’s activities to keep facilities in compliance without the use of formal enforcement actions.

### **Consultations with Businesses**

MDE provides other tools to educate businesses and other regulated entities. These include making guidance documents available, providing forms, and publishing information about new or updated requirements on MDE’s website. MDE also works with businesses before they apply for permits to explain what permits will be required for a proposed activity and the application process for the required permits. Possible compliance requirements such as sampling, reporting, and record-keeping may also be explained.

The Department’s website (<http://www.mde.maryland.gov>) provides additional information that businesses may use to determine compliance with environmental requirements:

- The Guide to Environmental Permits and Approvals provides detailed information about each of MDE’s permit programs.
- MDE has made a number of permit applications and instructions for completion available online. MDE is also working to enable businesses to submit their permit applications via the Internet.

- MDE has created an Enforcement Webpage where information can be found concerning enforcement programs and current enforcement actions: <http://www.mde.maryland.gov/AboutMDE/DepartmentalReports/Pages/AboutMDE/enfcomp.aspx>

**SECTION TWO**  
**ADMINISTRATION DETAILS**

# MEASURING ENFORCEMENT AND COMPLIANCE

MDE has been measuring, in a consistent fashion, the performance of its enforcement and compliance activities since 1998. This report standardizes the accomplishments of enforcement and compliance programs using metrics for the 31 enforcement areas that are the subject of this report.

Enforcement actions are taken by MDE's three media administrations:

- Air:** Includes air pollution and radiation programs.
- Land:** Includes oil control, solid and hazardous waste management, sewage sludge utilization, animal feeding operations, scrap tire recycling, lead poisoning prevention, natural wood waste recycling, coal and mineral mining, oil and gas exploration and production, and hazardous substance clean-up programs.
- Water:** Includes drinking water, tidal and non-tidal wetlands, wastewater discharges, water appropriation, waterway and floodplain construction, dam safety, stormwater management and sediment and erosion control programs.

## **Organization of Section Two**

Section Two is divided by administration and by enforcement area/program. First, an overall administration executive summary describes the enforcement and compliance efforts during this fiscal year, followed by key performance measures for that administration. Next, the sections for each enforcement area/program include the purpose of the program, its underlying authority, its enforcement process, summary of the program's successes/challenges, the performance measures table, and three charts comparing the past three fiscal years' data on inspection coverage; number of inspections, audits, and spot checks; and number of enforcement actions.

## **SAMPLE PERFORMANCE MEASURES TABLE**

This key table presents an accounting of each program's activity. Definitions of each measure appear below. An example of the table with the lines numbered to correspond to the following definitions follows this list of definitions.

1. *Permitted Sites/Facilities and Other Regulated Sites/Facilities: Measures of the MDE or Program workload.*

Lines 2, 3, and 5-8: Identify the total universe of facilities over which the program has regulatory responsibility.

Line 2: Shows the number of new permits or permit renewals issued during the year.

Line 3: Shows the total number of permits that were in effect at fiscal year end.

Lines 5-8: Used by those programs that have regulatory responsibility for sites, facilities, and other entities that are not required to obtain a formal permit, but still fall under MDE's regulatory oversight.

9. *Inspections and Audits: A measure of output.*

Lines 10-12: Present numbers of sites evaluated for compliance. Inspections are defined as physical visits to the site to determine compliance, whether the visit involves walking around the site or a record review at the site. An audit is a review of records or self-monitoring reports performed off-site at MDE offices. These measures are reported separately to illustrate that many important regulatory oversight activities occur off-site.

Lines 13-15: Present numbers of inspections, audits and spot checks performed. The number of inspections is often substantially higher than the number of sites (comparing lines 12 and 15) because some sites are inspected more than one time during the year, depending on the degree of risk that the regulated entity poses to the public. Also, some individual sites are sufficiently large or diverse to warrant having different portions of the site, or different pieces of equipment, inspected separately.

16. *Compliance Profile: A measure of the results accomplished.*

Lines 17-19: A snapshot of the overall compliance status of the facilities inspected during the fiscal year.

Line 17: Identifies how many of the inspected sites were found with significant violations, providing a key element used to determine the inspection compliance rate (percentage) shown on line 18. If a site was found to have a significant violation, it was counted as being out of compliance, even if the site was brought back into compliance later in the year.

Line 18: The percentage of inspected sites with significant violations. Line 17 divided by Line 10 times 100.

Line 19: The enforcement “inspection coverage rate” measure. The “inspection coverage rate” is defined as the ratio of sites inspected divided by the total number of sites or regulated entities in that program’s universe. “Sites” may include other than a single physical location since many programs have regulatory oversight responsibility for things other than facilities.

## *20. Significant Violations: A measure of what was found.*

Lines 21 – 24: Record the total number and nature of the significant violations the program identified during the fiscal year. The specific definition of what constitutes a **significant** violation is determined by individual programs that have unique statutory and regulatory threshold requirements. MDE’s general definition of a significant violation is any violation that requires MDE to take some form of remedial or enforcement action to bring the facility into compliance. MDE’s Penalty Policy further clarifies this definition and can be found in Appendix E.

Line 21: Indicates how many significant violations resulted in an environmental or health impact.

Line 22: Counts how many significant violations were technical/preventative in nature. The distinction here is based on evidence or proof that MDE must present to establish the violation in a contested case.

- Cases that include evidence of actual physical damage to the environment or to a human being, such as samples, photographs, or direct observations, are counted as having an environmental or health impact.
- Cases in which documentary evidence, such as falsified discharge monitoring reports, lack of permits or failure to maintain records, are counted as technical/preventative on line 22.
- The distinction between physical and technical violations is made to avoid the misperception that all violations involve pollution or immediately endanger human health.
- Either environmental/health violations or technical/preventative violations can be considered significant or non-significant depending on the circumstances of the violations.

Line 23: Accounts for the number of significant violations carried over from last year. Note that for some programs this will not match the number of ongoing from the previous year’s report. This is due updates in the database used for reporting that occur after the data is collected for this report. For these programs the number reported is what is in the database when the data for the report is collected.

Line 24: The sum of lines 21 through 23, the total number of significant violations the program attempted to resolve during the fiscal year.

*25. Disposition of Significant Violations: What is the status?*

Lines 26 and 27: Answer the question of how many enforcement responses were concluded for significant violations in the fiscal year and how many are going to be carried over to next year.

- Resolved means that (1) an enforcement action or compliance assistance has been taken, and (2) the violator either has completed any required corrective action or has an executed agreement to take the corrective action and has begun bringing the site back into compliance.
- An ongoing enforcement response is one that is still in process and the site or violator has not taken adequate steps to correct the violation. Cases remain ongoing if the violator does not respond to MDE's initial violation notification; hearings have been scheduled and not yet held; or the hearing is complete and the violator has chosen to appeal the order. "Ongoing" enforcement responses are those not yet finished.

*28. Enforcement Actions and Penalties: What are the tools MDE uses to bring about compliance?*

Lines 29 – 36: MDE has a number of different enforcement tools that can be used to achieve compliance.

Line 29: Captures how often the program used **compliance assistance**.

- Compliance assistance is rendered when written documentation states that the correction has been made or commenced. This number does not necessarily correspond to the number of significant violations found because potential problems, which have not yet become violations, when corrected and documented, are counted as compliance assistance.
- Using compliance assistance allows MDE to bring facilities into compliance and to assure future compliance. This first step in a process may turn into an enforcement action if violations are uncorrected or environmental harm is threatened. It is often implemented in less time and may reduce the environmental consequences of the violation.

Lines 30 through 32: Cover specific types of enforcement actions required to be reported under Environment Article Section 1-301(d). These are broken down into administrative and civil/judicial.

Line 33: The number of penalty actions and other enforcement actions not specifically designated above. These actions are primarily penalty actions, but they also include various forms of remedial requirements that do not fit the descriptions of the actions named in the statute.

Line 34: How often the program referred a matter to the Environmental Crimes Unit of the Attorney General's Office for possible criminal prosecution. These referrals are not

counted as resolved until there is a completed criminal case or the Crimes Unit has declined to take a criminal action, returned the case to the program and the program has taken an alternative form of enforcement.

Line 36: The amount of administrative or civil penalties obtained, monies collected during the fiscal year. The penalties recorded may have been imposed in prior years, but are collected in whole or in part during the reporting year.

# SAMPLE FY 2017 PERFORMANCE MEASURES CHART

Performance Measure	TOTAL
<b>1. PERMITTED SITES/FACILITIES</b>	
2. Number of permits/licenses issued	
3. Number of permits/licenses in effect at fiscal year end	
<b>4. OTHER REGULATED SITES/FACILITIES</b>	
5. (other sites)	
6. (other sites)	
7. (other sites)	
8. (other sites)	
<b>9. INSPECTIONS</b>	
10. Number of sites inspected (“inspected” defined as at the site)	
11. Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	
12. Number of sites evaluated for compliance (sum of the two measures above, same as #11 on the prior charts)	
13. Number of inspections, spot checks (captures number of compliance activities at sites)	
14. Number of audits (captures number of reviews of file/submittals for compliance)	
15. Number of inspections, audits, spot checks (sum of the two measures above, same as #12 on the prior charts)	
<b>16. COMPLIANCE PROFILE</b>	
17. Number of inspected sites/facilities with significant violations	
18. Percentage of inspected sites/facilities with significant violations	
19. Inspection coverage rate (number of sites inspected/coverage universe)	
<b>20. SIGNIFICANT VIOLATIONS</b>	
21. Number of significant violations involving environmental or health impact	
22. Number of significant violations based on technical/preventative deficiencies	
23. Number of significant violations carried over awaiting disposition from previous fiscal year	
24. Total number of significant violations (sum of the three measures above)	
<b>25. DISPOSITION OF SIGNIFICANT VIOLATIONS</b>	
26. Resolved	
27. Ongoing	
<b>28. ENFORCEMENT ACTIONS</b>	
29. Number of compliance assistance rendered	
	Administrative    Civil/Judicial    TOTAL
30. Number of show cause, remedial, corrective actions issued	
31. Number of stop work orders	
32. Number of injunctions obtained	
33. Number of penalty and other enforcement actions	
34. Number of referrals to Attorney General for possible criminal action	
<b>35. PENALTIES</b>	
36. Amount of administrative or civil penalties obtained (\$ collected in FY)	

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# **AIR AND RADIATION ADMINISTRATION**

# **Air and Radiation Administration Executive Summary**

The Air and Radiation Administration (ARA) conducts enforcement and compliance activities in three programmatic areas: air quality, asbestos, and radiation.

The Air Quality Compliance Program devotes a significant portion of its capacity to ensuring compliance at approximately 600 high-impact sources. This category includes facilities such as power plants, incinerators, and large industrial operations. In addition to on-site inspections, compliance staff reviews report submittals, stack test results, sampling results, and continuous monitoring summaries to assess compliance at regulated facilities.

The low-impact facilities category is one in which only a small percentage of sources are inspected. This is due to the large numbers of these sources and the relatively low impact of any particular violation. This category includes sources such as paint spray booths, dry cleaners, emergency generators, and gas stations.

The Air Quality Compliance Program received over 400 air quality complaints in FY 2017. The Program responds to all complaints by telephone and, based on the nature of the complaint, identifies and places priority on those that require a field inspection. Some complaint situations may need multiple follow-up inspections to address the concerns of the complainants and to ensure compliance with air quality requirements.

In the Asbestos Division, contractors intending to abate asbestos are required to notify MDE. MDE inspects as many of these projects as possible, generally focusing on the more substantial projects. Some demolition projects are also inspected. The number of asbestos notifications received in FY 2017 was 2,835.

The Radiological Health Program (RHP) regulates both electronic sources of radiation and materials that are radioactive to prevent the general public and occupational workers from receiving any unnecessary exposure to radiation. Also, RHP is the primary State responder to public hazards involving radioactive materials, such as transportation incidents or a nuclear utility accident.

The Radiation Machines Division continues to implement the requirement for x-ray machine owners to conduct maintenance on a prescribed regular basis. X-ray machine owners are required to submit the maintenance reports to the Division where they are reviewed for possible compliance issues.

The Radioactive Materials Licensing and Compliance Division continues to maintain focus on implementing, through the licensing and inspection process, increased security controls for those licensees with sufficient quantities and types of radioactive materials. Other priorities include the evaluation of the radiation safety and engineering aspects of a sealed source medical device prior to allowing its use and sale across the nation, training of state and local personnel to assure statewide preparedness for a nuclear utility accident, and

assistance in statewide implementation of a preventive radiological nuclear detection system.

**Air and Radiation Administration  
Performance Measures Executive Summary**

	<u>2016 Totals</u>	<u>2017 Totals</u>
<b><u>PERMITTED SITES/FACILITIES</u></b>		
Number of Permits/Licenses Issued	1,506	1,327
Number of Permits/Licenses in Effect at Fiscal Year End	30,648	30,010
<b><u>OTHER REGULATED SITES/FACILITIES</u></b>		
Other Regulated Sites	3,746	3,886
<b><u>INSPECTIONS</u></b>		
Number of Sites Inspected	3,256	3,743
Number of Sites Audited but Not Inspected	1,045	1,118
Number of Inspections, Audits, Spot Checks	22,786	24,533
<b><u>ENFORCEMENT ACTIONS</u></b>		
Number of Compliance Assistance Rendered	309	535
Number of Enforcement Actions Taken *	131	140
<b><u>PENALTIES</u></b>		
Amount of Administrative or Civil Penalties Obtained	\$271,198	\$437,102

\* The total of enforcement actions for each program as listed in the chart for each.

# Ambient Air Quality Control

## PURPOSE

There are approximately 12,000 stationary sources of air emissions registered in Maryland. The Air Quality Compliance Program is responsible for ensuring that these sources comply with applicable air pollution control requirements. Approximately 200 of these sources emit more than 95% of all the pollutants emitted from stationary sources. These 200 high-emitting sources and an additional 400 or so priority sources receive a high level of scrutiny. The additional priority sources are selected due to concerns regarding potential emissions, toxic air pollutant emissions, potential for nuisance impact, impact on the general welfare, or the potential for significant risk to public health or the environment. This group of approximately 600 sources includes facilities such as power plants, large industrial operations, manufacturing plants, asphalt plants, and incinerators. This group varies slightly in number from year to year due to start-up of new sources, shut-down of existing sources, or sources reducing emissions or using less toxic materials to the point where they are no longer considered priority sources and thus do not demand close scrutiny. The remainder of the 12,000 sources are generally smaller in terms of their emissions or their impacts and are considered to be of lesser risk to public health or the environment. Examples of these smaller sources include dry cleaning operations, gas stations, charbroilers, small boilers, paint spray booths, and degreasing machines. For this reason, performance measures information is presented in two categories, *High-Impact Air Emission Facilities* and *Low-Impact Air Emission Facilities*.

## AUTHORITY

FEDERAL: Clean Air Act, Title I, Section 110

STATE: Environment Article, Title 2; COMAR 26.11

## PROCESS

In inspecting facilities, a major focus is given to those approximately 600 sources described above that are considered a potential significant risk to public health or the environment. Often, multiple inspections are performed at these sources over the course of a year. Inspections are both announced and unannounced, depending on the nature and purpose of the inspection. Attention is given to smaller, lower-risk sources through special initiatives that may focus on inspecting all sources within a particular source category, spot checks of a percentage of sources in a category where the category contains a large number of small sources, and the education of trade groups and equipment operators and owners.

## SUCCESSSES/CHALLENGES

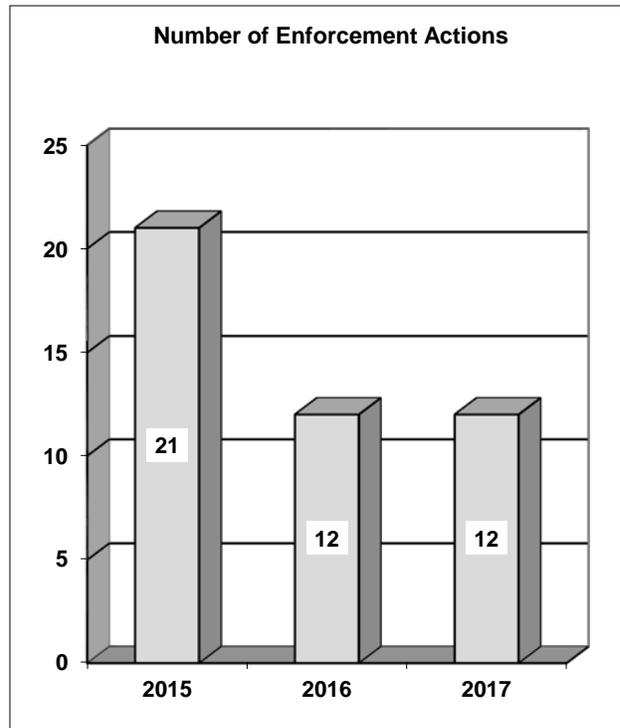
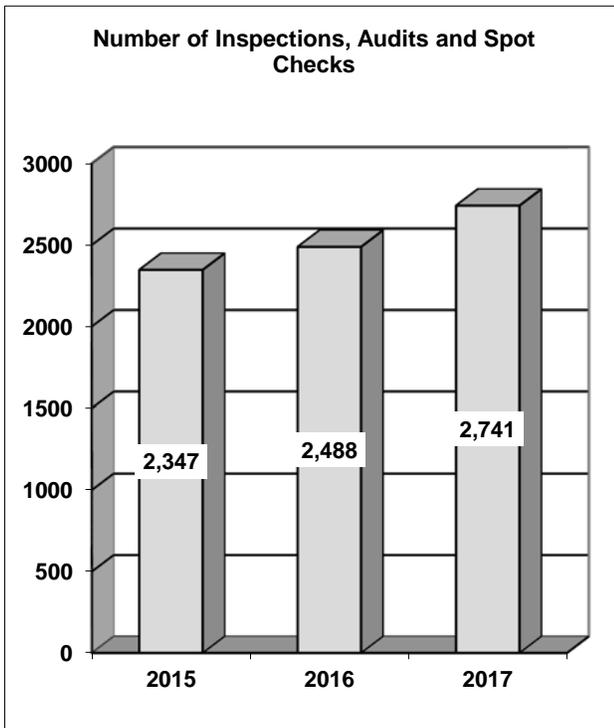
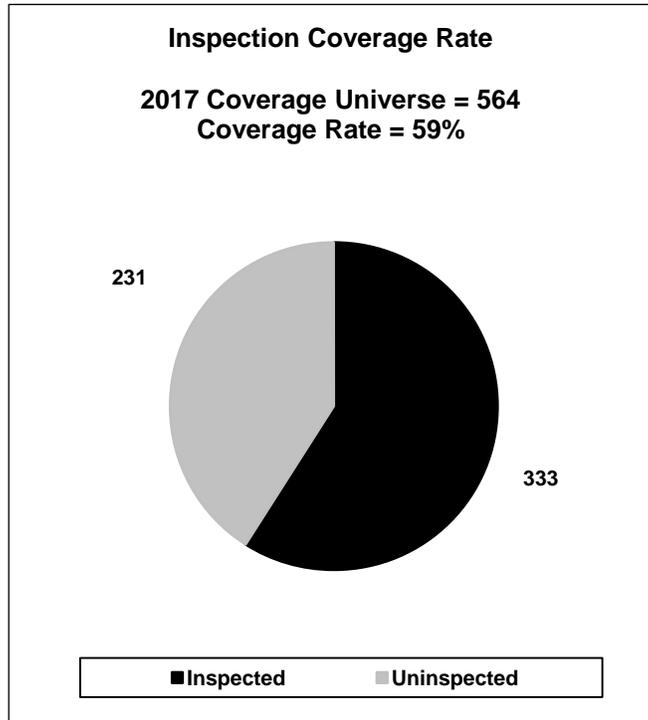
Ensuring compliance at high-impact sources continues to be the focus of the Program's resources, and this focused attention contributes to the high compliance rate for this category. In addition to on-site inspections, the Program reviews compliance certifications, report submittals, stack test results, sampling results, and continuous monitoring summaries to assess compliance at regulated facilities.

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## Ambient Air Quality Control High-Impact Facilities

Performance Measure	TOTAL
<b>PERMITTED SITES/FACILITIES</b>	
Number of sites/facilities	564
Number of permits/licenses issued	231
Number of permits/licenses in effect at fiscal year end	3,899
<b>INSPECTIONS</b>	
Number of sites inspected ("inspected" defined as at the site)	333
Number of sites audited but not inspected	167
Number of sites evaluated for compliance	500
Number of inspections, spot checks (captures number of compliance activities at sites)	992
Number of audits (captures number of reviews of file/submittals for compliance)	1,749
Number of inspections, audits, spot checks	2,741
<b>COMPLIANCE PROFILE</b>	
Number of inspected sites/facilities with significant violations	5
Percentage of inspected sites/facilities with significant violations	1%
Inspection coverage rate (number of sites inspected/coverage universe)	59%
<b>SIGNIFICANT VIOLATIONS</b>	
Number of significant violations involving environmental or health impact	6
Number of significant violations based on technical/preventative deficiencies	3
Number of significant violations carried over awaiting disposition from previous fiscal year	11
Total number of significant violations	20
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>	
Resolved	8
Ongoing	12
<b>ENFORCEMENT ACTIONS</b>	
Number of compliance assistance rendered	82
	Administrative      Civil/Judicial      Total
Number of show cause, remedial, corrective actions issued	0                      0                      0
Number of stop work orders	0                      0                      0
Number of injunctions obtained	0                      0                      0
Number of penalty and other enforcement actions	0                      12                      12
Number of referrals to Attorney General for possible criminal action	0
<b>PENALTIES</b>	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$130,000

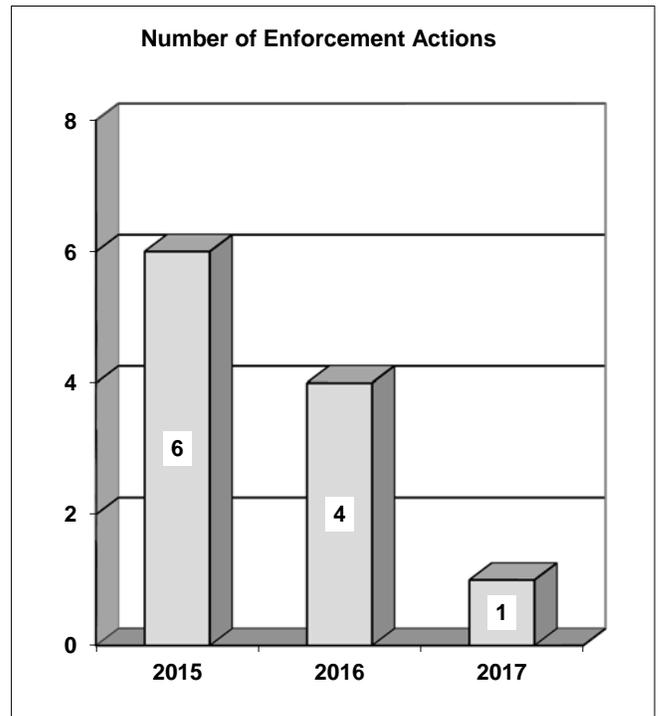
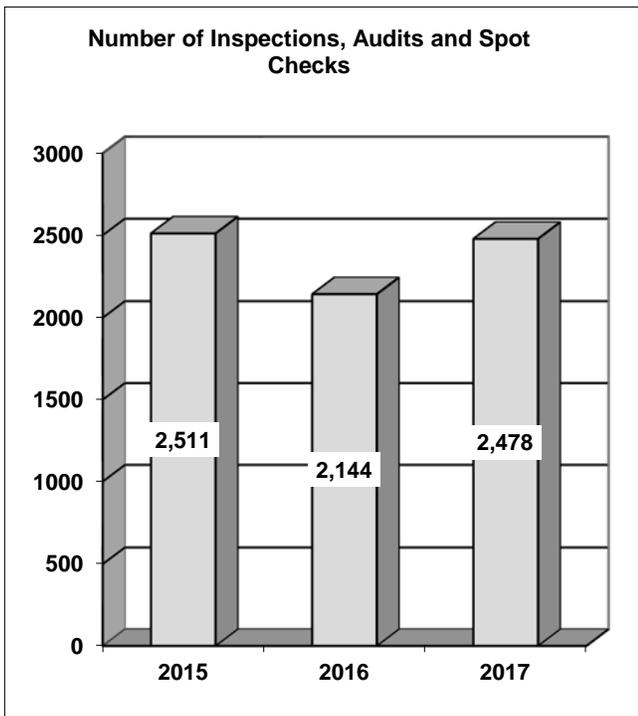
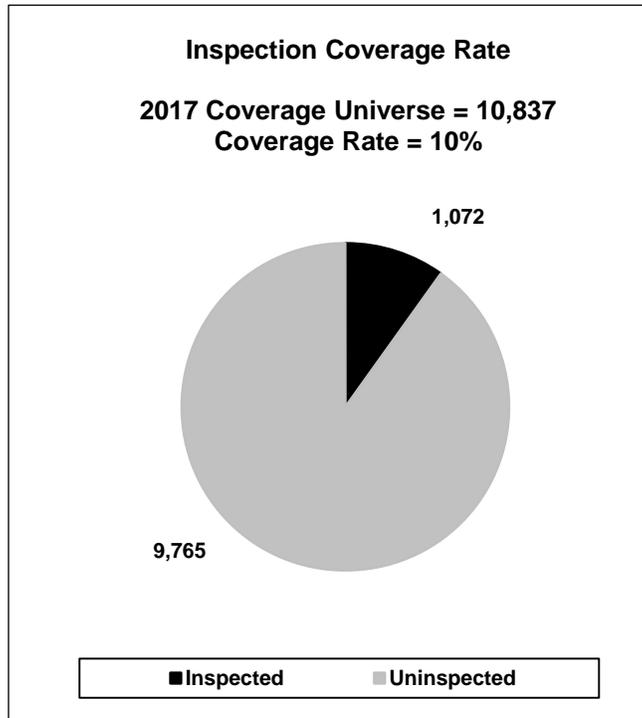
# Ambient Air Quality Control High-Impact Facilities



## Ambient Air Quality Control Low-Impact Facilities

Performance Measure	TOTAL
<b>PERMITTED SITES/FACILITIES</b>	
Number of sites/facilities	10,837
Number of permits/licenses issued	268
Number of permits/licenses in effect at fiscal year end	20,144
<b>INSPECTIONS</b>	
Number of sites inspected ("inspected" defined as at the site)	1,072
Number of sites audited but not inspected	755
Number of sites evaluated for compliance	1,827
Number of inspections, spot checks (captures number of compliance activities at sites)	1,192
Number of audits (captures number of reviews of file/submittals for compliance)	1,286
Number of inspections, audits, spot checks	2,478
<b>COMPLIANCE PROFILE</b>	
Number of inspected sites/facilities with significant violations	2
Percentage of inspected sites/facilities with significant violations	<1%
Inspection coverage rate (number of sites inspected/coverage universe)	10%
<b>SIGNIFICANT VIOLATIONS</b>	
Number of significant violations involving environmental or health impact	1
Number of significant violations based on technical/preventative deficiencies	1
Number of significant violations carried over awaiting disposition from previous fiscal year	0
Total number of significant violations (sum of the three measures above)	2
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>	
Resolved	1
Ongoing	1
<b>ENFORCEMENT ACTIONS</b>	
Number of compliance assistance rendered	69
	Administrative      Civil/Judicial      Total
Number of show cause, remedial, corrective actions issued	0                      0                      0
Number of stop work orders	0                      0                      0
Number of injunctions obtained	0                      0                      0
Number of penalty and other enforcement actions	1                      0                      1
Number of referrals to Attorney General for possible criminal action	0
<b>PENALTIES</b>	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$800

# Ambient Air Quality Control Low-Impact Facilities



# Air Quality Complaints

## **PURPOSE**

In addition to the almost 12,000 registered or permitted sources of air emissions in Maryland, there are numerous potential sources of air pollution that are not required to be registered or permitted by the Department. Examples include some composting operations, construction sites, open burning activities, hot-tar roofing operations, material storage piles, welding and burning activities, and certain portable operations of short duration. These sites or activities can create nuisance conditions such as odors or fugitive dust. The Air Quality Compliance Program responds to complaints regarding nuisance odors and dust from both permitted and non-permitted operations.

## **AUTHORITY**

STATE: Environment Article, Title 2; COMAR 26.11

## **PROCESS**

Complaints are addressed in a number of ways depending on the nature of the complaint. A complaint situation may be of sufficient severity to warrant an immediate site visit. Complaints arising from severe nuisance situations generally result in the Department receiving multiple and separate complaints for a single situation. A complaint situation can also be a sporadic occurrence, which may lead to increased surveillance of a site in an attempt to verify the existence of a problem, which may lead to a formal inspection. Some complaints, particularly where only an explanation of what is allowed is needed, can be resolved through phone contact or letters.

If the complaint investigation reveals a violation at a permitted site, the violation and subsequent enforcement action is counted under the ambient air quality control program's performance measures chart. Only those violations that occur at non-permitted sites are counted here; most violations in this category are related to open burning activities or the creation of off-site nuisances caused by odors or dust from sites. Violations such as these rarely result in actual harm, but have the potential to cause harm to the environment or public health, and on this basis are included in this report. Nearly all violations in this program are resolved without the need to take enforcement action, as they generally relate to short-lived activities, are quickly corrected (often at the time of inspection), do not reoccur, and result in no actual harm to public health or the environment.

## **SUCCESSSES /CHALLENGES**

The Air Quality Compliance Program received over 400 complaints in FY 2017. The Program responds to all complaints by telephone, prioritizing those that merit a field inspection. Some complaint situations need multiple follow-up inspections to ensure compliance with air quality requirements. Based on their nature, some complaints at non-permitted sites may need follow-up enforcement action to achieve compliance.

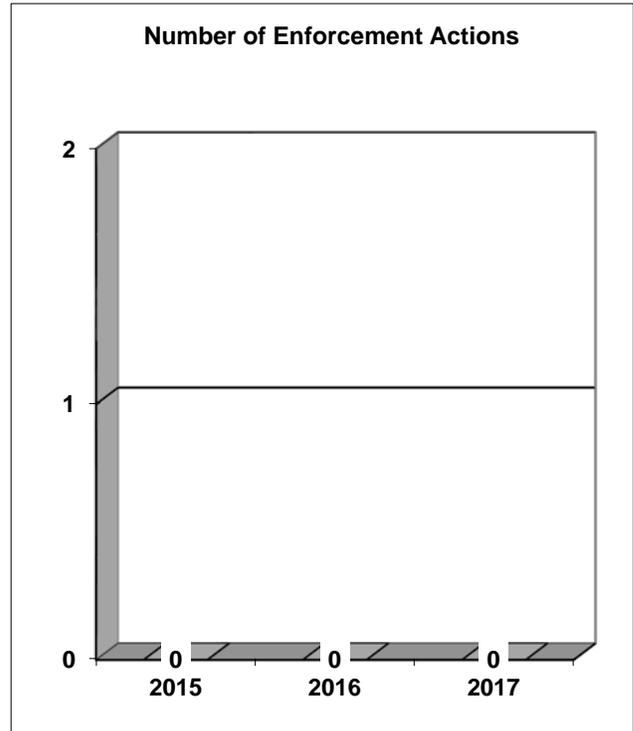
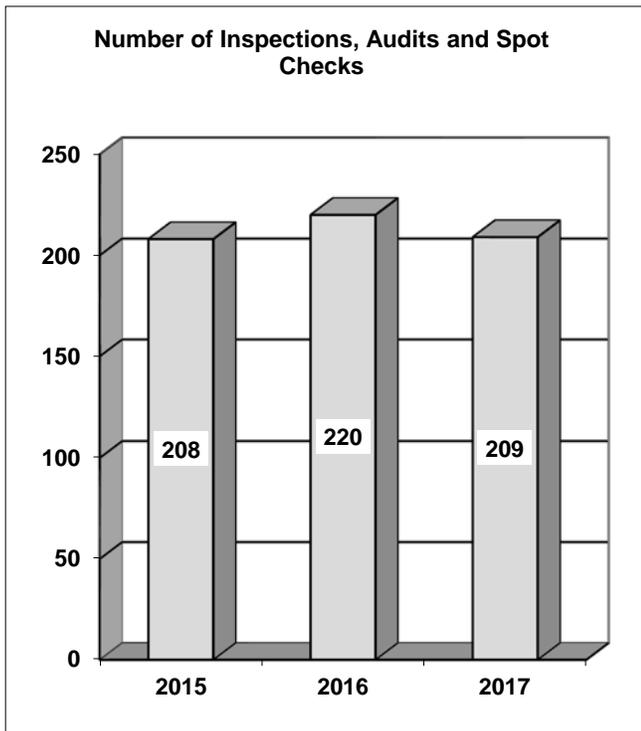
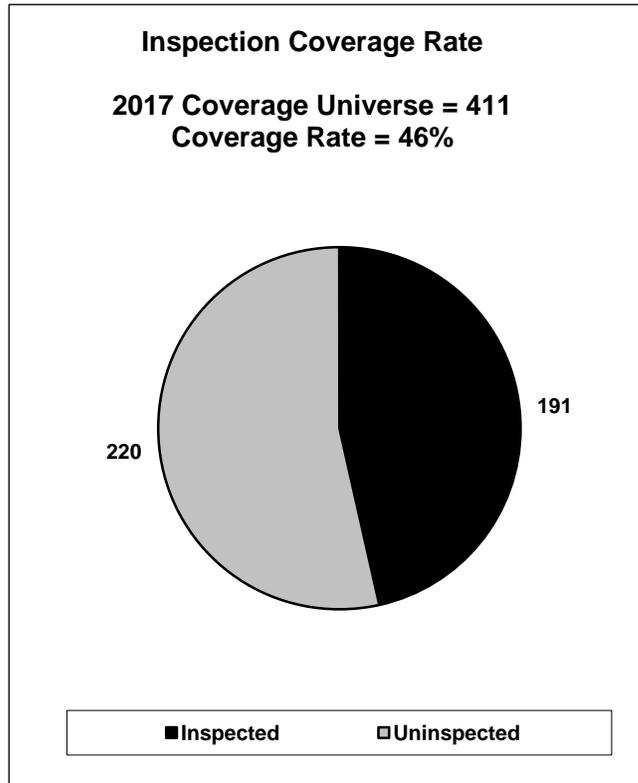
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## Air Quality Complaints

Performance Measure	TOTAL
<b>PERMITTED SITES/FACILITIES</b>	
Number of sites/facilities	N/A
Number of permits/licenses issued	N/A
Number of permits/licenses in effect at fiscal year end	N/A
<b>OTHER REGULATED SITES/FACILITIES</b>	
Complaints received at all sites	411
Complaints received at unregistered/unpermitted sites	302
<b>INSPECTIONS</b>	
Number of unregistered/unpermitted sites inspected ("inspected" defined as at the site)	123
Number of inspections, spot checks at unregistered/unpermitted sites (captures number of compliance activities at sites)	209
Number of initial complaint inspections at all sites*	191
<b>COMPLIANCE PROFILE</b>	
Number of inspected sites/facilities with significant violations	0
Percentage of inspected sites/facilities with significant violations	0%
Inspection coverage rate (number of sites inspected/coverage universe)	46%
<b>SIGNIFICANT VIOLATIONS</b>	
Number of significant violations involving environmental or health impact	0
Number of significant violations based on technical/preventative deficiencies	0
Number of significant violations carried over awaiting disposition from previous fiscal year	0
Total number of significant violations (sum of the three measures above)	0
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>	
Resolved	0
Ongoing	0
<b>ENFORCEMENT ACTIONS</b>	
Number of compliance assistance rendered	18
	Administrative      Civil/Judicial      Total
Number of show cause, remedial, corrective actions issued	0                      0                      0
Number of stop work orders	0                      0                      0
Number of injunctions obtained	0                      0                      0
Number of penalty and other enforcement actions	0                      0                      0
Number of referrals to Attorney General for possible criminal action	0
<b>PENALTIES</b>	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0

\*This line includes responses to complaints at permitted sites and unregistered/unpermitted sites and is used to calculate the coverage rate for complaints. The inspections and any enforcement actions at any permitted sites are captured in the sections for registered sources.

# Air Quality Complaints



# Asbestos

## **PURPOSE**

The Air Quality Compliance Program's Asbestos Division manages the licensing of asbestos removal contractors and oversees their efforts when removing or encapsulating asbestos to ensure that asbestos is handled in a manner that is protective of human health. Any project that involves demolition or the removal of more than 240 linear feet or more than 160 square feet of asbestos-containing material is subject to federal standards under EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) program. All projects are subject to additional requirements under state laws and regulations. Projects can range from something as small as a single pipe wrapping to a major removal project at a power plant or other large facility.

## **AUTHORITY**

FEDERAL: Clean Air Act, Title 1, Section 112

STATE: Environment Article, Title 6, Subtitle 4; COMAR 26.11.21

## **PROCESS**

Removing or encapsulating asbestos is required to be done by a contractor licensed by MDE. The contractor is required to notify the Division of the location of the activity and the approximate amount of asbestos-containing material to be removed or encapsulated prior to undertaking the work. From the information contained in the notification, the Division will determine whether the project is required to meet federal standards. About a quarter of all asbestos projects undertaken are subject to federal program requirements. Projects subject to such requirements are considered a priority and an inspection will generally take place. Priority is also given to inspecting contractors with poor performance records, projects in close proximity to other priority projects (for inspection efficiency) and projects for which complaints have been lodged. The focus of an inspection is on determining whether a contractor is adhering to the standards designed to protect workers and the public from exposure to asbestos. Some sites, such as demolition sites, where no notification has occurred but where asbestos may be encountered, are also inspected.

## **INSPECTION COVERAGE RATE**

The inspection coverage rate is computed as the number of sites inspected divided by the number of notifications received. Note that the Division receives notifications for any amount of asbestos that is disturbed. This will include notifications for one to two feet of removal in which the project will last for maybe two hours, to notification for thousands of linear and square feet, in which the project may last up to twelve months. State law governs the notification process for small projects, and requires only that the contractor notify the Department before the project begins. The larger projects are governed by federal requirements, and the contractor is required to notify at least ten days prior to beginning the project. It is more likely that an inspection will take place at a site where removal will last a day or more. The Division is required by state law to annually inspect at least one asbestos removal project by each contractor. The Division meets this requirement.

## **SUCSESSES/CHALLENGES**

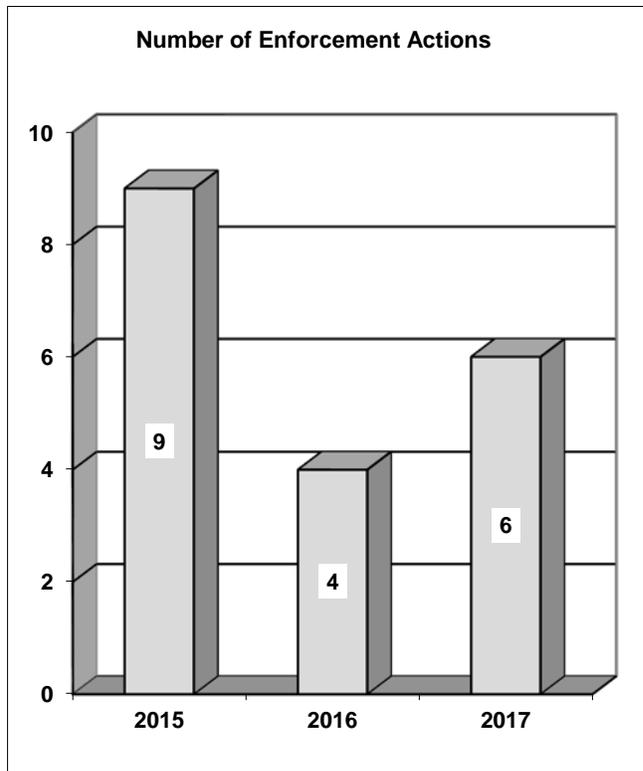
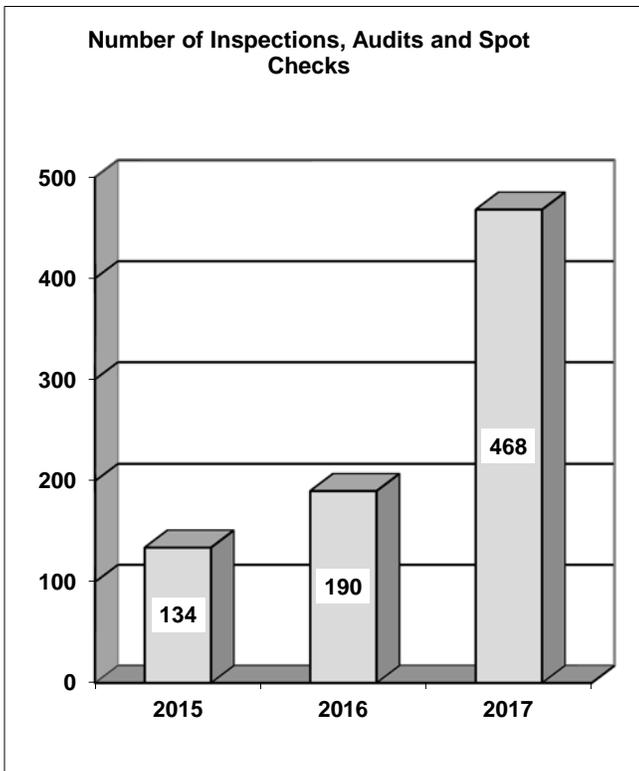
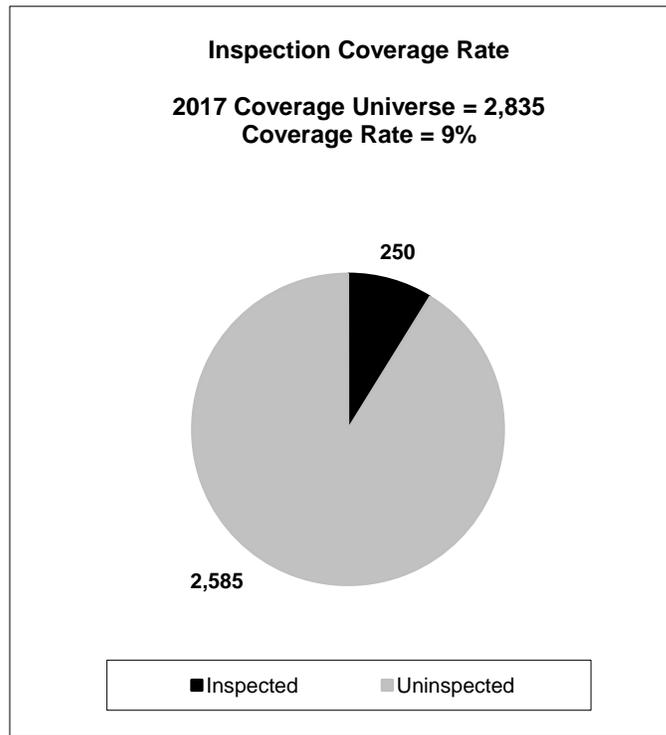
Contractors intending to abate asbestos are required to notify MDE. MDE generally inspects projects focusing on the more substantial projects. In FY 2017, the Asbestos Division inspected about 9% of sites that provided notification to MDE.

In FY 2017, inspection staff spent time administering the asbestos testing. MDE is seeking a third party test administrator to run the test so the staff can dedicate their time to inspections.

# Asbestos

Performance Measure	TOTAL																								
<b>PERMITTED SITES/FACILITIES</b>																									
Number of permits/licenses issued (Asbestos Contractor Licenses)	143																								
Number of permits/licenses in effect at fiscal year end	143																								
<b>OTHER REGULATED SITES/FACILITIES</b>																									
Number of asbestos notifications received	2835																								
<b>INSPECTIONS</b>																									
Number of sites inspected (“inspected” defined as at the site)	250																								
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	0																								
Number of sites evaluated for compliance (sum of the two measures above)	250																								
Number of inspections, spot checks (captures number of compliance activities at sites)	468																								
Number of audits (captures number of reviews of file/submittals for compliance)	0																								
Number of inspections, audits, spot checks (sum of the two measures above)	468																								
<b>COMPLIANCE PROFILE</b>																									
Number of inspected sites/facilities with significant violations	10																								
Percentage of inspected sites/facilities with significant violations	4%																								
Inspection coverage rate (number of sites inspected/coverage universe)	9%																								
<b>SIGNIFICANT VIOLATIONS</b>																									
Number of significant violations involving environmental or health impact	40																								
Number of significant violations based on technical/preventative deficiencies	0																								
Number of significant violations carried over awaiting disposition from previous fiscal year	6																								
Total number of significant violations (sum of the three measures above)	46																								
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>																									
Resolved	5																								
Ongoing	41																								
<b>ENFORCEMENT ACTIONS</b>																									
Number of compliance assistance rendered	18																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">Administrative</th> <th style="width: 25%;">Civil/Judicial</th> <th style="width: 10%;">Total</th> </tr> </thead> <tbody> <tr> <td>Number of show cause, remedial, corrective actions issued</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of stop work orders</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of injunctions obtained</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of penalty and other enforcement actions</td> <td style="text-align: center;">6</td> <td style="text-align: center;">0</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Number of referrals to Attorney General for possible criminal action</td> <td colspan="2"></td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		Administrative	Civil/Judicial	Total	Number of show cause, remedial, corrective actions issued	0	0	0	Number of stop work orders	0	0	0	Number of injunctions obtained	0	0	0	Number of penalty and other enforcement actions	6	0	6	Number of referrals to Attorney General for possible criminal action			0
	Administrative	Civil/Judicial	Total																						
Number of show cause, remedial, corrective actions issued	0	0	0																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	6	0	6																						
Number of referrals to Attorney General for possible criminal action			0																						
Number of show cause, remedial, corrective actions issued	0	0	0																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	6	0	6																						
Number of referrals to Attorney General for possible criminal action			0																						
<b>PENALTIES</b>																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$6,000																								

# Asbestos



# Radiation Machines Division

## PURPOSE

The Radiation Machines Division (RMD) regulates manufactured electronic sources of radiation to minimize the amount of unnecessary radiation exposure received by the general public and machine operators. These electronic radiation sources include dental and veterinary x-ray machines, mammography (breast imaging) machines, diagnostic and therapeutic radiation machines, security screening devices and other electronic radiation devices used in research or industry.

State regulations, which derive in part from U.S. Food and Drug Administration (FDA) statutory and regulatory directives, require that all radiation exposures be “As Low As Reasonably Achievable” (ALARA). Radiation exposure can cause adverse health effects, with risk that varies depending upon the amount of radiation received, frequency of radiation exposures, and radio-sensitivity of body parts. Although the medical benefits of radiologic diagnostic and therapeutic treatment procedures far outweigh potential risks of sustained biological damage, evidence suggests that cells in the human body can be damaged by numerous small exposures over time and that these multiple exposures have a cumulative health effect that may be as detrimental as receiving a single large exposure. Due to the increased use of radiation for diagnostic and therapeutic procedures, there continues to be a growing awareness of the impacts on human health from radiation machines. To some degree, x-ray imaging has replaced procedures that do not require radiation, such as ultrasound or magnetic resonance imaging, causing the general public to have an increased level of radiation exposure.

## AUTHORITY

FEDERAL: Radiation Control for Health and Safety Act of 1968, 21CFR1000;  
Mammography Quality Standards Act; 21CFR900

STATE: Environment Article, Title 8 “Radiation”;  
COMAR 26.12. Radiation Management

## PROCESS

The RMD ensures all radiation machine facilities are inspected on cycles required by statute, regulation, administrative policy, or contract. Note that mammography inspection reports are provided to the FDA for follow-up enforcement actions, but the FDA’s response actions are not included in this report.

Dental, veterinary, and mammography facilities are required to renew the radiation machine facility registration of their x-ray equipment every two years. Facilities with x-ray machines subject to certification are required to renew the radiation machine facility registration on the same schedule as the certification inspection frequency presented in the chart shown later below.

## SUCSESSES/CHALLENGES

Successes in FY 2017 include the continued high rate of compliance for medical, veterinary, and mammography facilities. A contributing factor to the high compliance rate is that radiation machine facilities are required to have preventive maintenance performed on their radiation machines at the interval recommended by the manufacturer for each machine. If an interval is not specified, the maintenance must be performed every 12 months. For a radiation machine, the potential consequence of failure to perform recommended maintenance is greater radiation exposure than clinically necessary to patients and occupational workers. Facility compliance with preventive maintenance requirements is maintained through compliance assistance and enforcement, as appropriate.

Regulated facilities have the capability to submit documents electronically, which allows for a more efficient and timely method of documents.

The chart below shows the types of facilities regulated and the frequency at which they are inspected. Note that the words machine and tube are used interchangeably.

Facility Type	Registered X-ray Tubes*	Inspection Frequency
High Energy & Particle Accelerators	2 facilities, 2 certified tubes	Annual
Medical (Therapy) Accelerators	44 facilities, 114 certified tubes	Annual
Hospitals	59 facilities, 1,272 certified tubes	Biennial
Physicians: Chiropractic, MD, GP, Podiatric	1,273 facilities, 2,474 certified tubes	Biennial
Industrial	336 facilities, 768 certified tubes	Triennial
Dental	2,801 facilities, 10,329 tubes	Triennial
Veterinary	644 facilities, 708 tubes	Triennial
Mammography	135 facilities, 212 tubes	Annual

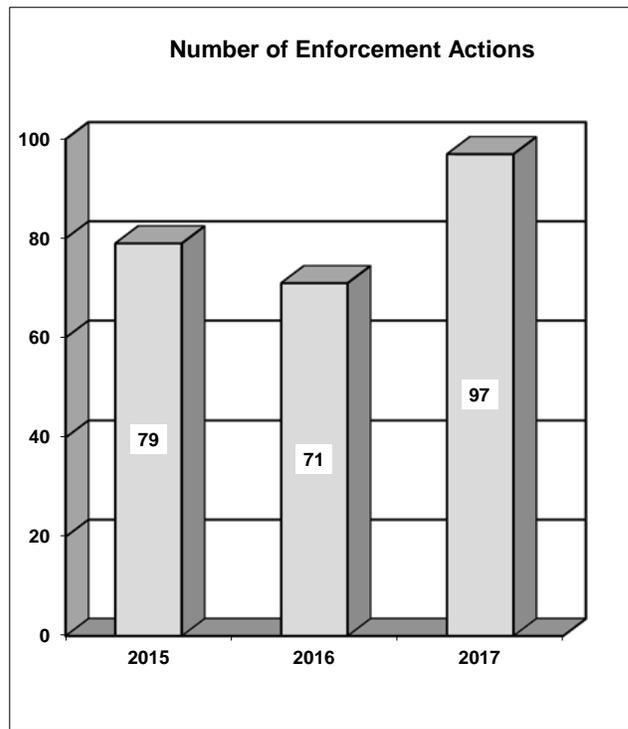
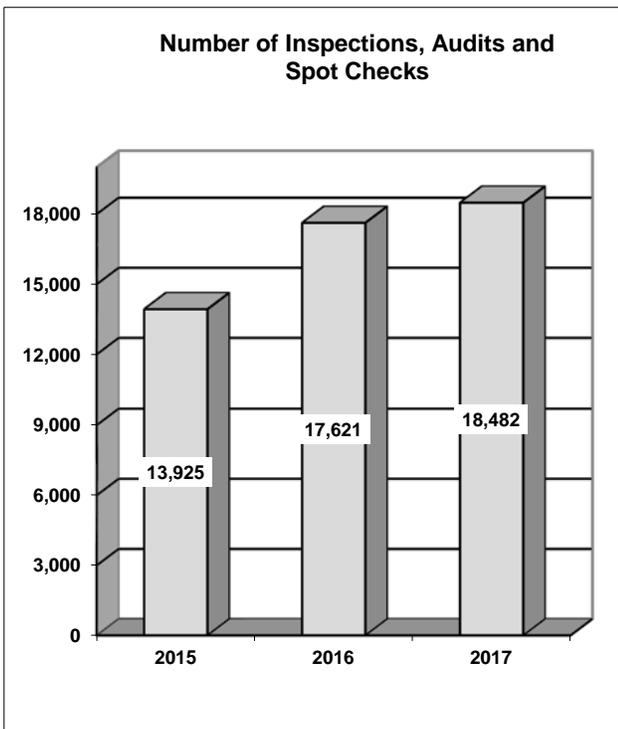
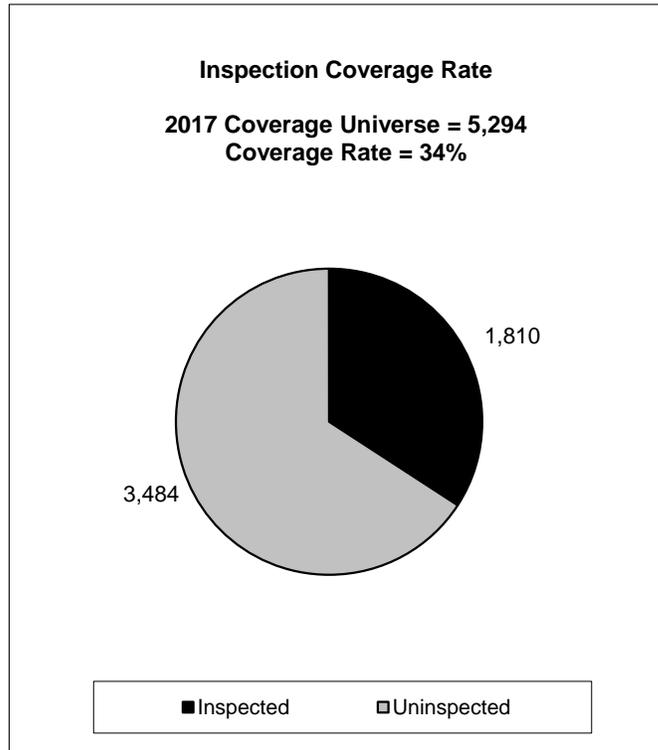
\*Code of Maryland Regulations (COMAR) 26.12.03 states that "Radiation Machine" means a device that is capable of producing radiation. On any radiation-producing equipment with more than one x-ray tube, or other single point from which radiation may be emitted, each x-ray tube or radiation emission point is considered a separate radiation machine. "Tube" is defined in COMAR 26.12.01.01 as an x-ray tube or other single point from which radiation may be emitted.

# Radiation Machines

Performance Measure	TOTAL																								
<b>PERMITTED SITES/FACILITIES</b>																									
Number of new facility registrations issued	360																								
Number of facility registrations in effect at fiscal year end	5,294																								
<b>OTHER REGULATED SITES/FACILITIES</b>																									
Number of service companies registered at fiscal year end	312																								
Number of licensed private inspectors at fiscal year end	81																								
Number of plan review or area surveys reviewed at fiscal year end	196																								
<b>INSPECTIONS</b>																									
Number of sites inspected (“inspected” defined as at the site)	1,810																								
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site) (shielding reviews)	196																								
Number of sites evaluated for compliance (sum of the two measures above)	2,006																								
Number of inspections, spot checks (captures number of compliance activities at sites)	4,434																								
Number of audits (captures number of reviews of file/submittals for compliance)	14,048																								
Number of inspections, audits, spot checks (sum of the two measures above,)	18,482																								
<b>COMPLIANCE PROFILE</b>																									
Number of inspected sites/facilities with significant violations	232																								
Percentage of inspected sites/facilities with significant violations	13%																								
Inspection coverage rate (number of sites inspected/coverage universe) *	34%																								
<b>SIGNIFICANT VIOLATIONS</b>																									
Number of significant violations involving environmental or health impact	0																								
Number of significant violations based on technical/preventative deficiencies	405																								
Number of significant violations carried over awaiting disposition from previous fiscal year**	143																								
Total number of significant violations (sum of the three measures above)	548																								
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>																									
Resolved	455																								
Ongoing	93																								
<b>ENFORCEMENT ACTIONS</b>																									
Number of compliance assistance rendered	0																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">Administrative</th> <th style="width: 25%;">Civil/Judicial</th> <th style="width: 10%;">Total</th> </tr> </thead> <tbody> <tr> <td>Number of show cause, remedial, corrective actions issued</td> <td style="text-align: center;">9</td> <td style="text-align: center;">0</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Number of stop work orders</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of injunctions obtained</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of penalty and other enforcement actions</td> <td style="text-align: center;">88</td> <td style="text-align: center;">0</td> <td style="text-align: center;">88</td> </tr> <tr> <td>Number of referrals to Attorney General for possible criminal action</td> <td></td> <td></td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		Administrative	Civil/Judicial	Total	Number of show cause, remedial, corrective actions issued	9	0	9	Number of stop work orders	0	0	0	Number of injunctions obtained	0	0	0	Number of penalty and other enforcement actions	88	0	88	Number of referrals to Attorney General for possible criminal action			0
	Administrative	Civil/Judicial	Total																						
Number of show cause, remedial, corrective actions issued	9	0	9																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	88	0	88																						
Number of referrals to Attorney General for possible criminal action			0																						
Number of show cause, remedial, corrective actions issued	9	0	9																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	88	0	88																						
Number of referrals to Attorney General for possible criminal action			0																						
<b>PENALTIES</b>																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$281,302																								

\* Coverage is computed as the number of sites inspected divided by the sum of the number of facility registrations, the number of registered service providers, and the number of licensed private inspectors.

# Radiation Machines



# Radioactive Materials Licensing and Compliance

## PURPOSE

The Radioactive Materials Licensing and Compliance Division (RAMLCD) regulates the use, handling and control of radioisotopes at hospitals, cancer treatment facilities, diagnostic imaging centers, private medical practices, industrial irradiators, engineering firms, research laboratories, academic institutions, nuclear pharmacies, and manufacturers and distributors of sealed sources and devices (SS&D) in accordance with U.S. Nuclear Regulatory Commission(NRC) guidance and criteria. Regulation is accomplished through the issuance of licenses and through inspection of the licensees and serves to protect the health and safety of radiation workers and the general public. Facility radiation safety programs and authorized activities are evaluated during the licensing and inspection process to ensure compliance with Maryland Regulations for the Control of Ionizing Radiation in such areas as radiation safety, security, storage and control, transportation, disposal, training of personnel, possession of protective devices, and control of radiation hazards. The RAMLCD also regulates companies licensed in other jurisdictions that use radioactive material in Maryland under the terms and conditions of reciprocal recognition. The RAMLCD is the primary State responder to radiological events such as transportation incidents, loss of control and theft of radioactive material in Maryland. The RAMLCD also provides radiological technical input and coordination for statewide emergency preparedness in the areas of shipment of high level radioactive waste through Maryland; increased security at certain types of facilities possessing high risk radioactive material, facilitation of training of local responders to radiation emergencies and assistance in the evaluation, coordination, and implementation of policies and procedures for preventive radiological nuclear detection. The RAMLCD performs engineering and radiation safety evaluations of the ability of sealed sources and devices to safely contain radioactivity under the conditions of use for sealed sources and devices manufactured in Maryland. These evaluations are summarized in registrations that are maintained by the NRC in the National Sealed Source and Device Registry. General Licenses are used to regulate low strength radiation devices that have inherent safety features. Such licenses are issued by the manufacturer and registered with the RAMLCD. The RAMLCD monitors and tracks the transfer and disposal of these generally licensed devices.

## AUTHORITY

FEDERAL: Atomic Energy Act of 1954, as amended;  
10 CFR (Nuclear Regulatory Commission) Parts 1-171

STATE: Environment Article, Title 8; "Radiation";  
COMAR 26.12. Radiation Management

## PROCESS

The RAMLCD issues licenses with a seven-year term for approximately 50 types of radioactive material uses. The RAMLCD inspects facilities for compliance with radiation regulations and adherence to license conditions and radiation safety procedures and practices. Inspections are performed by one inspector or a team of inspectors at a frequency based on the quantity, activity and toxicity of the material, the potential hazard resulting from the use, and the nature of the operation. Inspection frequency ranges from

annual to every five years. When violations occur, corrective actions are required and verified. RAMLCD also conducts investigations throughout Maryland in response to incidents and allegations. The RAMLCD also oversees the decommissioning of previously-licensed facilities, conducts safety evaluations on sources and devices, and performs pre-licensing visits to all applicants prior to the issuance of a new license. Additionally, the RAMLCD performs inspections on at least 25% of the most hazardous radiation operations conducted in Maryland by out-of-state radioactive material licensees under reciprocal recognition of their licenses. RAMLCD maintains an equipped and trained radiological emergency response team with a mission to respond on a 24/7 basis to radiological emergencies in the public domain and to provide technical assistance to local law enforcement and emergency responders.

### **SUCCESSSES/CHALLENGES**

Successes in FY 2017 include maintaining an adequate and compatible Radioactive Materials Program in accordance with NRC criteria, continued implementation of the State's Preventive Radiological Nuclear Detection activities and maintenance of response capabilities, the full implementation of federally mandated radioactive material security regulations for licensee's with high risk sources and the continuation of training of State and local personnel to ensure statewide preparedness for a nuclear utility accident. The RAMLCD, with the assistance of the U.S. Department of Energy's National Nuclear Security Administration, continues to remove large quantities of unwanted radioactive material from the state in the effort to eliminate potential security threats. Furthermore, the RAMLCD licensed the first GammaPod, a new high-precision, image-guided radiation therapy system specifically designed to treat early-stage breast cancer. The license has enabled clinical trials to begin at the University of Maryland Medical Center. The GammaPod has the potential to significantly shorten the treatment time to a few sessions over the course of a week and, in the future, potentially eliminate the need for surgery in select patients. In parallel, the RAMLCD completed the Sealed Source Device Registration of the GammaPod that will enable the manufacturer to fabricate and distribute this device from their Maryland facility.

## INSPECTION COVERAGE RATE

The following chart shows the inspection frequency, the number of licenses that are inspected at that frequency, and an example of the type of licenses:

<b>Inspection Frequency</b>	<b>Number of Licenses</b>	<b>Examples of License Types</b>
Annual	<b>4</b>	Gamma Knife (cancer therapy) Gamma Pod (breast cancer therapy) Industrial Radiography
2 Years	<b>46</b>	Manufacturing and Distribution Panoramic Irradiators Medical Research Nuclear Pharmacies Remote Afterloader (cancer therapy)
3 Years	<b>130</b>	Self Shielded Irradiators Hospitals and Medical Facilities Brachytherapy (cancer therapy) Mobile Nuclear Medicine Academic Research
5 Years	<b>350</b>	Portable and Fixed Nuclear Gauges Diagnostic Nuclear Medicine Research Laboratories General License Distribution

Notes for above table:

Licenses inspected in the annual, two-year and three-year inspection frequencies are the most complex and represent those types of radioactive material activities with the greatest radiation hazards to users and members of the general public.

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# Radioactive Materials

Performance Measure	TOTAL
<b>PERMITTED SITES/FACILITIES</b>	
Number of permits/licenses issued	325
Number of permits/licenses in effect at fiscal year end	530
<b>OTHER REGULATED SITES/FACILITIES</b>	
Sources from other jurisdictions	51
<b>INSPECTIONS</b>	
Number of sites inspected ("inspected" defined as at the site)*	155
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	0
Number of sites evaluated for compliance (sum of the two measures above)	172***
Number of inspections, spot checks (captures number of compliance activities at sites)	155
Number of audits (captures number of reviews of file/submittals for compliance)	0
Number of inspections, audits, spot checks (sum of the two measures above)	155
<b>COMPLIANCE PROFILE</b>	
Number of inspected sites/facilities with significant violations	22
Percentage of inspected sites/facilities with significant violations	14%
Inspection coverage rate (number of sites inspected/coverage universe)**	27%
<b>SIGNIFICANT VIOLATIONS</b>	
Number of significant violations involving environmental or health impact	0
Number of significant violations based on technical/preventative deficiencies	137
Number of significant violations carried over awaiting disposition from previous fiscal year	0
Total number of significant violations (sum of the three measures above)	137
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>	
Resolved	117
Ongoing	20
<b>ENFORCEMENT ACTIONS</b>	
Number of compliance assistance rendered	348
	Administrative      Civil/Judicial      Total
Number of show cause, remedial, corrective actions issued	2                      0                      2
Number of stop work orders	0                      0                      0
Number of injunctions obtained	0                      0                      0
Number of penalty and other enforcement actions	22****              0                      22
Number of referrals to Attorney General for possible criminal action	0
<b>PENALTIES</b>	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$19,000

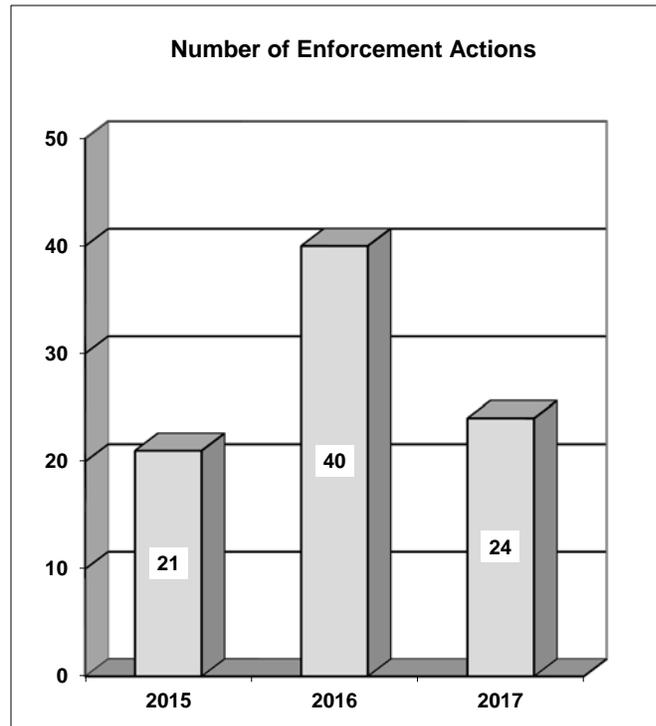
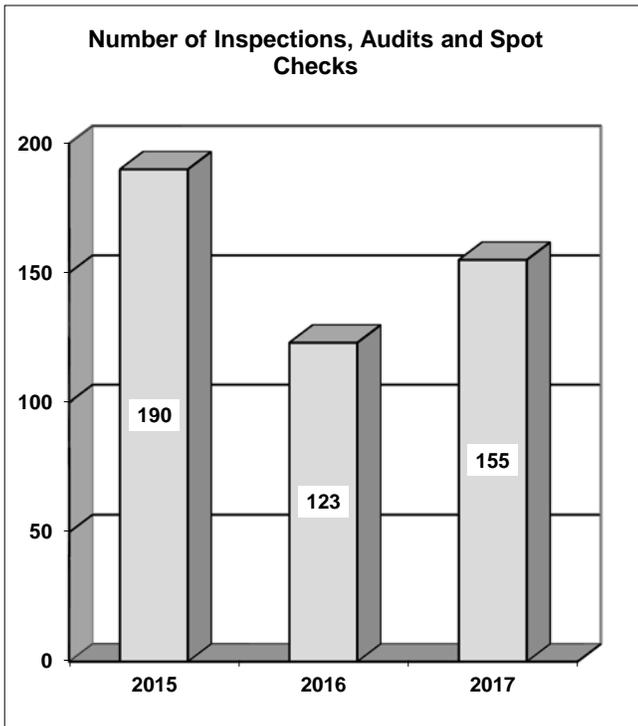
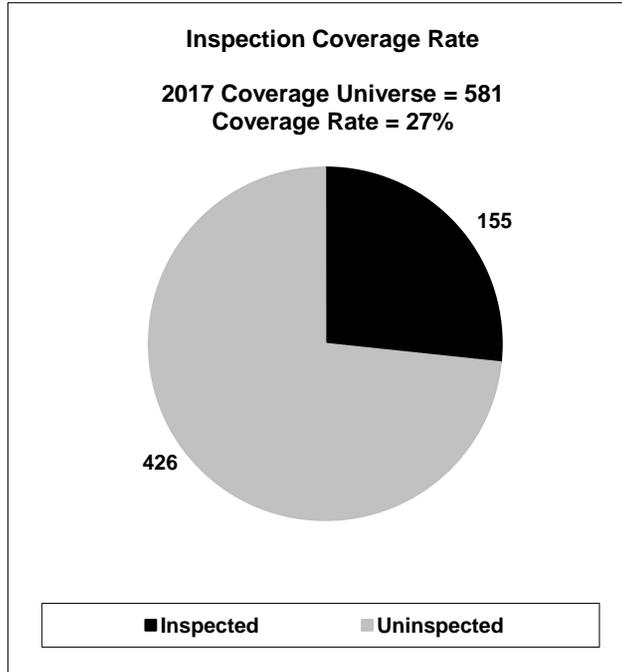
\* Number of licensees inspected at least once

\*\* Coverage is computed as the number of licenses inspected divided by the sum of the number of permits/licenses in effect plus the number of sources from other jurisdictions since each could be cause for inspection.

\*\*\*This value exceeds the sum of the two rows above due to radioactive material inspections sometimes being conducted at more than one site for a given source.

\*\*\*\*This number includes notices of violation issued for non-significant violations.

# Radioactive Materials



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# LAND AND MATERIALS ADMINISTRATION

# Land and Materials Administration

## Executive Summary

The Land and Materials Administration's (LMA's) mission is to protect human health and preserve and restore land and water resources. LMA works to reduce the quantity and toxicity of generated wastes through recycling and source reduction, ensures the control and proper disposal of waste, manages lead paint compliance activities, assures that oil is handled in an environmentally-safe manner, and oversees the remediation of contaminated sites for viable economic development. This mission is achieved by maintaining a highly visible presence in the regulated community, providing assistance to stakeholders, and developing long-term strategies for waste management needs.

FY 2016 was the final year for a separate inspection program for the handling of mercury containing automotive switches by the Resource Management Program. Going forward, mercury switch inspections will only be performed in conjunction with scrap tire inspections. Facilities that fall under the scope of Maryland's mercury switch recovery program are still required to remove mercury switches from end-of-life vehicles in compliance with the requirements of the program. Maryland's Mercury Switch Law sunsets on December 31, 2017.

Overall in FY 2017, LMA issued 2,942 permits/registrations compared to 2,856 in FY 2016. This is an increase of 86 permits/registrations. The total permits/registrations in effect at the end of FY 2017 also increased to 9,760 from 9,409 in FY 2016. The Lead Poisoning Prevention Program saw an increase of accreditations due to the increase demand from property owners to obtain a lead free certificate.

The number of other regulated sites for LMA decreased in FY 2017 by 17,827. There were 154,599 other sites regulated in FY 2017 compared to 172,426 in FY 2016. The biggest impact resulted from a project started in FY 2016 by TSOP to correct the Universe of Rental Properties. A large number of properties were removed from the Universe due to properties being certified as lead free, forfeited/bankrupt, sold, or no longer offered for rent. The removal of these properties resulted in a decrease of 17,725 properties. In FY 2017, the Universe of Rental Properties was 135,658 compared to 153,383 in FY 2016.

The total number of sites inspected in LMA decreased to 61,213 in FY 2017 from 62,550 in FY 2016. The decrease of 1,337 sites inspected in LMA was mainly due to a decrease in Lead Poisoning Prevention Program inspections. The majority of LMA programs saw an increase site inspected in FY 2017. The Electronics Recycling Program conducted 103 more inspections resulting in 450 retailers being inspected in FY 2017 compared to 347 in FY 2016.

The number of sites audited but not inspected decreased to 2,205 in FY 2017 for LMA compared to 2,221 in FY 2016. This was a slight decrease of 16 audits. The Scrap Tire Unit changed their priorities in FY 2017 to focus on issuing registrations and cleaning of stockpiles of scrap tires which resulted in a decrease in sites being audited but not inspected and the number of audits conducted.

The number of inspections, audits and spot checks performed in LMA decreased by 3,681 in FY 2017 to 75,510 from 79,191 in FY 2016. The Non-Coal Program in Mining saw a significant decrease in FY 2017 of 740 inspections, audits, and spot checks. A new policy in the Non-Coal Mining Program on how inspections, audits and spots checks are performed and tracked,

in conjunction with a focus on the renewal of the five year permit term contributed to the decrease.

Enforcement actions decreased in FY 2017 by 5,932, mainly due to the Lead Rental Registry Section. In FY 2017, the Section only issued enforcement actions for failure to register units during one calendar year (2016) versus three calendar years (2013, 2014 and 2015) in FY 2016. The Animal Feed Operations Division saw an increase of 51 enforcement actions in FY 2017 for failure to submit or submission of an incomplete Notice of Intent.

In FY 2017, LMA collected \$1,143,746 in penalties, which was a 50 percent decrease from FY 2016. The majority of the penalty reduction is likely a result of TSOP issuing violations for failure to register units for one calendar year in FY 2017, versus three calendar years in FY 2016.

The Scrap Tire Program continues to remove scrap tires from illegal stockpiles across Maryland. In FY 2017, over 191,120 scrap tires were removed from 52 sites. Since the inception of the Scrap Tire Program in 1992, over 10.8 million scrap tires have been removed from 1,082 stockpiles. There are approximately 336,426 tires remaining to be cleaned up at 53 sites. The cleanup of the 200,000 tires discovered in FY 2016 will continue into FY 2018.

In the Lead Poisoning Prevention Program, there was a slight decrease in the percentage of children with blood lead levels equal to or greater than 10 micrograms per deciliter (µg/dL).

**Land and Materials Administration  
Performance Measures Executive Summary**

	<u>2016 Totals</u>	<u>2017 Totals</u>
<u>PERMITTED SITES/FACILITIES</u>		
Number of Permits/licenses Issued	2,856	2,942
Number of Permits/Licenses in Effect at Fiscal Year End	9,409	9,760
<u>OTHER REGULATED SITES/FACILITIES</u>		
Other Sites	172,426	154,599
<u>INSPECTIONS</u>		
Number of Sites Inspected	62,550	61,213
Number of Sites Audited but Not Inspected	2,221	2,205
Number of Inspections, Audits, Spot Checks	79,191	75,510
<u>ENFORCEMENT ACTIONS</u>		
Number of Compliance Assistance Rendered	8,452	8,565
Number of Enforcement Actions Taken	13,266	7,334
<u>PENALTIES</u>		
Amount of Administrative or Civil Penalties Obtained	\$2,287,331	\$1,143,747
	\$2,282,986*	

\*Amount changed in FY 2016 due to pending refunds that were not taken out of the grand total

# Land Restoration Program

## PURPOSE

The Land Restoration Program (LRP) protects public health and the environment by identifying sites that are, or potentially are, contaminated by controlled hazardous substances (CHS). Until 1997, Maryland placed sites where hazardous substances were released, or possibly released, on the State Master List and in the Disposal Site Registry. The sites were prioritized for remedial activities. Starting in 2013, the State Master List was revised and renamed. Newly identified sites are now recorded on the Brownfield Master Inventory (BMI) List - Active Sites (Appendix H) or the Brownfield Master Inventory List - Archive Sites (Appendix I). The Brownfield Master Inventory List is available on the Department's website at:

<http://www.mde.maryland.gov/programs/Land/MarylandBrownfieldVCP/Pages/BrownfieldMasterInventory.aspx>

## AUTHORITY

FEDERAL: Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

STATE: Environment Article, Title 7, Subtitle 2; COMAR 26.14

## PROCESS

The LRP conducts and/or oversees environmental assessment and cleanup projects in Maryland. The assessment activities include investigating and sampling sites to determine whether cleanup is necessary. If the identified contamination is determined to represent a risk to public health or the environment, remedial activities are conducted to address the sites contaminated by controlled hazardous substances. Assessments and cleanups are conducted based on available resources. The Disposal Site Registry includes all the sites for which the State performed a preliminary site assessment and determined hazardous waste is present. For these sites, State funds may be used to conduct remedial action as no viable responsible party has been identified. This list is updated annually. The Disposal Site Registry includes all the information and ranking set forth in Title 7-233(f)(2).

## SUCSESSES/CHALLENGES

The LRP maintains a list of potential hazardous waste sites in the State. Before the development of the Brownfield Master Inventory (BMI) in 2013, this list was known as the "State Master List." It included properties known by the State to be contaminated or potentially contaminated and included sites on the federal Compensation and Liability Information System (CERCLIS) and on EPA's Archive list. This list included sites that met the brownfields definition. The LRP also maintained a Site-Specific Assessments list, otherwise known as the State "Non-Master List" of sites.

The current BMI list serves as the tool for tracking new and closed sites. As of June 30, 2017, there were 1,130 active sites and 1,058 archived sites on the BMI list, which includes Voluntary Cleanup Program sites; sites assessed using federal grant funding; formerly used defense facilities; assessment and cleanup activities at sites subject to the CHS Response Plan; and sites identified as being impacted by CHS but subject to other regulatory

authorities such as the federal Corrective Action Program, the federal Toxic Substances Control Act, or Maryland's Solid Waste Program.

The LRP is continuing to work with EPA on seven active, private National Priority List (NPL) sites and one site that is being managed under the EPA's Superfund Alternative Site Initiative, which allows the Responsible Party to implement a NPL-caliber remediation without NPL listing. The Program is also addressing ten Federal NPL sites, produced five federally-funded Pre-CERCLIS Screening Reports, conducted two preliminary assessments, and one site investigation during FY 2017.

# Hazardous Waste

## PURPOSE

The federal Resource Conservation and Recovery Act (RCRA) established a national program of hazardous waste management. The Maryland Department of the Environment has been granted authorization by the U.S. Environmental Protection Agency (EPA) to be the primary implementer of most elements of the federal hazardous waste regulatory program in Maryland. Regulations govern management of hazardous waste from the point of initial generation through its final disposition by reuse, recycling, treatment, or disposal. Maryland's regulatory program includes elements that are more stringent and broader in scope than the federal program. Important elements of this regulatory program include the following:

- identification and tracking of hazardous waste handlers (generators, transporters, and operators of permitted facilities) through issuance of identification numbers and maintenance of a related database;
- detailed standards for hazardous waste management;
- tracking shipments of hazardous waste from generation to disposal through the hazardous waste manifest system;
- certification of transporters of hazardous waste;
- tracking waste generation and management through a biennial reporting requirement; a permitting program requiring permits for persons who treat hazardous waste, store hazardous waste for periods of time longer than 90 days, operate a hazardous waste disposal unit, or maintain a closed hazardous waste disposal unit; and
- compliance evaluation to assess compliance with applicable requirements, and institute enforcement actions and corrective measures as necessary.

## AUTHORITY

FEDERAL: Resource Conservation and Recovery Act (RCRA) - Subtitle C

STATE: Environment Article, Title 7, Subtitle 2; COMAR 26.13

## PROCESS

The LMA's Resource Management Program (RMP) is responsible for reviewing Controlled Hazardous Substance (CHS) Facility permit applications to treat, store or dispose hazardous waste. Through the permitting process, the RMP evaluates the permit applicant's ability to manage hazardous waste safely and in conformance with applicable regulatory requirements. The permit specifies all requirements that the permit holder is subject to in conducting the permitted activities. Tentative determinations by the RMP to issue or deny an application for a permit include opportunities for public review and comment. The permit holder is evaluated for compliance with the terms of the permit in compliance inspections of the permit holder's facility

The Technical Services and Operations Program (TSOP) is responsible for issuance of RCRA Subtitle C Site Identification Numbers (EPA ID Number), collecting and reporting the Biennial Report (BR) data, collecting and tracking manifests, and certification of transporters of CHS. TSOP issues new EPA ID Numbers, updates information for existing EPA ID numbers, and submits this information to EPA's RCRAInfo database. TSOP collects the BRs, which summarize waste generated during each odd-numbered calendar year. BRs are analyzed and information reported by large-quantity generators (LQGs) is submitted to EPA.

Manifests are completed when generated wastes are shipped off-site and copies are submitted to TSOP for monitoring and tracking. Any transporter who picks up or drops off CHS must be certified as a hauler and have all vehicles/trailers certified. Failure to comply with Maryland and federal laws and regulations can result in corrective actions.

The Solid Waste Program (SWP) is responsible for compliance at hazardous waste facilities, which include permitted Treatment, Storage and Disposal (TSD) facilities and federally defined large and small quantity generators (LQGs and SQGs). All permitted TSD facilities and those that receive off-site waste are inspected at least once a year. LQGs, defined by federal regulations as generating 2,200 pounds or more of hazardous waste in any calendar month are inspected at least once every five years. New LQGs and those who have not been inspected in the last three years are first priorities. Maryland has approximately 455 LQGs and 13,000 SQGs. Resource constraints limit inspections of SQGs to complaint-response situations.

### **SUCCESSSES/CHALLENGES**

While there was a decrease of inspections, the Solid Waste Program's Compliance Division focused on performing actual physical inspections to meet EPA's grant commitments rather than audits conducted through an in-office file review.

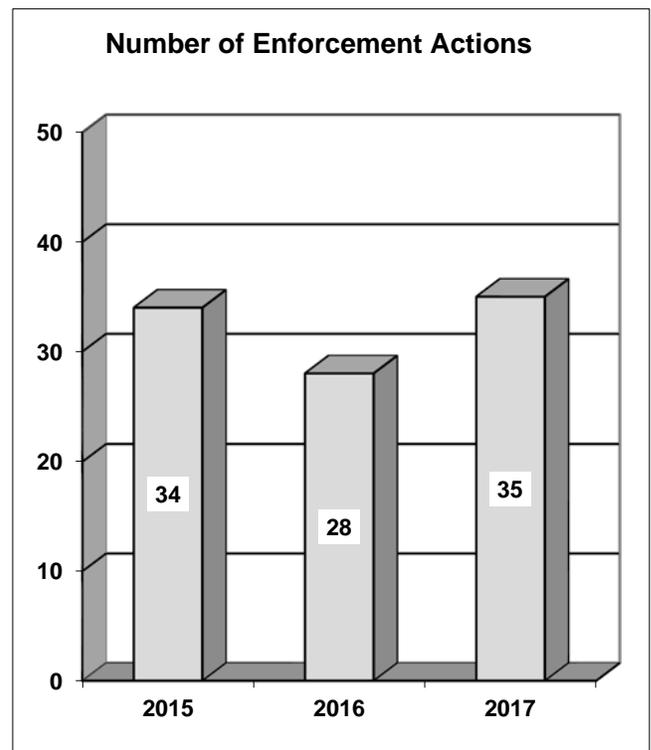
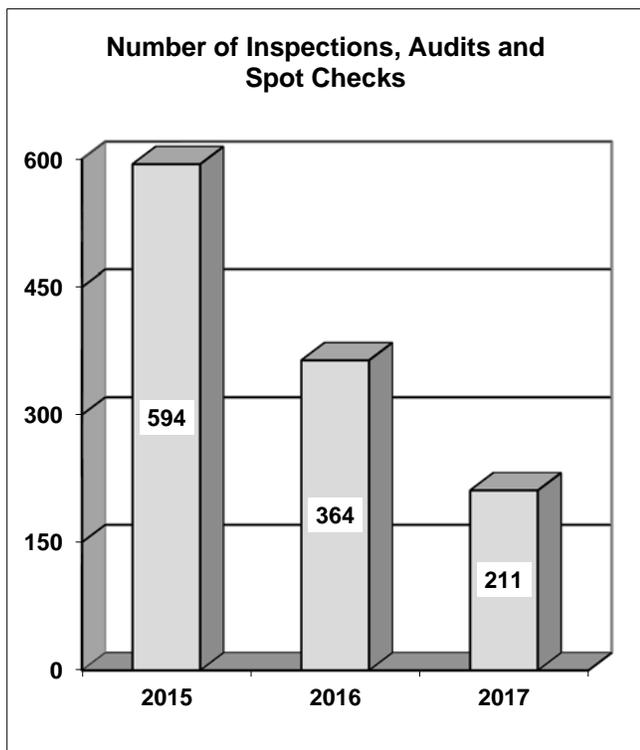
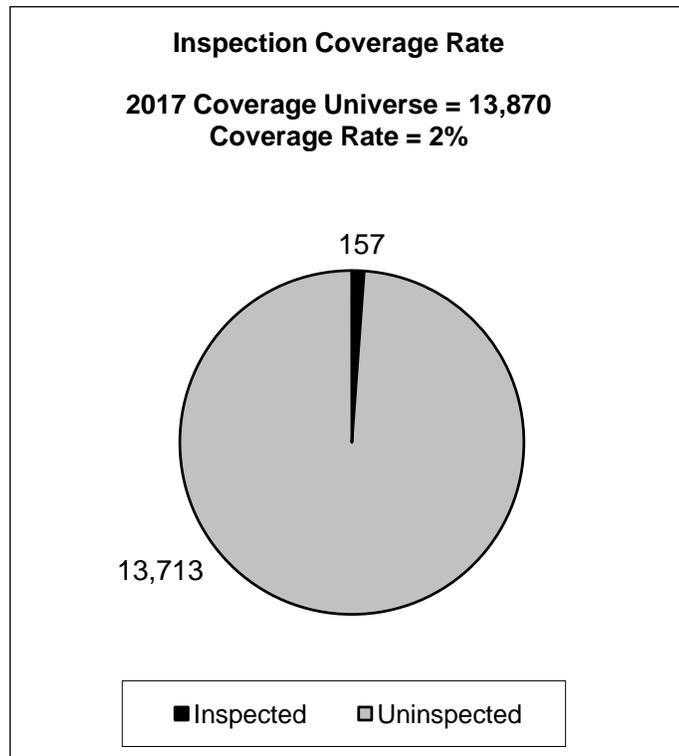
The FY 2016 inspection coverage rate of 2% remained the same in FY 2017. Enforcement actions increased from 28 in FY 2016 to 35 in FY 2017. In addition to civil actions, the SWP's Compliance Division referred one case to the Environmental Crimes Unit.

A major cleanup of EPA identification numbers including deactivating closed facilities continues to be conducted by TSOP and will continue into the next fiscal year in preparation for EPA's National eManifest Rule anticipated going live in June 2018. The universe remains relatively consistent due to the continuing issuance of new generator identification numbers. A majority of retail stores and pharmacies continue to claim LQG status regardless of their actual quantity of CHS generated. It is anticipated that the universe could increase in the next fiscal year as facilities apply for a generator identification number in preparation of the eManifest Rule.

# Hazardous Waste

Performance Measure	TOTAL																								
<b>PERMITTED SITES/FACILITIES</b>																									
Number of permits/registrations issued	2																								
Number of permits/registrations in effect at fiscal year end	21																								
<b>OTHER REGULATED SITES/FACILITIES</b>																									
Hazardous waste generators	13,870																								
New EPA ID numbers Issued	149																								
<b>INSPECTIONS</b>																									
Number of sites inspected (“inspected” defined as at the site)	157																								
Number of sites receiving off-site audits and record reviews, but not inspected	0																								
Number of sites evaluated for compliance (sum of the two measures above)	157																								
Number of inspections, spot checks (captures number of compliance activities at sites)	211																								
Number of off-site audits (captures number of reviews of file/submittals for compliance)	0																								
Total number of inspections, audits and spot checks	211																								
<b>COMPLIANCE PROFILE</b>																									
Number of inspected sites/facilities with significant violations	22																								
Percentage of inspected sites/facilities with significant violations	14%																								
Inspection coverage rate (number of sites inspected/coverage universe)	2%																								
<b>SIGNIFICANT VIOLATIONS</b>																									
Number of significant violations involving environmental or health impact	29																								
Number of significant violations based on technical/preventative deficiencies	52																								
Number of significant violations carried over awaiting disposition from previous fiscal year	69																								
Total number of significant violations (sum of the three measures above)	150																								
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>																									
Resolved	96																								
Ongoing	54																								
<b>ENFORCEMENT ACTIONS</b>																									
Number of compliance assistance rendered	1																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">Administrative</th> <th style="width: 25%;">Civil/Judicial</th> <th style="width: 10%;">Total</th> </tr> </thead> <tbody> <tr> <td>Number of show cause, remedial, corrective actions issued</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of stop work orders</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of injunctions obtained</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of penalty and other enforcement actions</td> <td style="text-align: center;">35</td> <td style="text-align: center;">0</td> <td style="text-align: center;">35</td> </tr> <tr> <td>Number of referrals to Attorney General for possible criminal action</td> <td></td> <td></td> <td style="text-align: center;">1</td> </tr> </tbody> </table>		Administrative	Civil/Judicial	Total	Number of show cause, remedial, corrective actions issued	0	0	0	Number of stop work orders	0	0	0	Number of injunctions obtained	0	0	0	Number of penalty and other enforcement actions	35	0	35	Number of referrals to Attorney General for possible criminal action			1
	Administrative	Civil/Judicial	Total																						
Number of show cause, remedial, corrective actions issued	0	0	0																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	35	0	35																						
Number of referrals to Attorney General for possible criminal action			1																						
Number of show cause, remedial, corrective actions issued	0	0	0																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	35	0	35																						
Number of referrals to Attorney General for possible criminal action			1																						
<b>PENALTIES</b>																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$48,067																								

# Hazardous Waste



# Lead Poisoning Prevention

## PURPOSE

The Lead Poisoning Prevention Program (LPPP) oversees activities designed to reduce the incidence of childhood lead poisoning. These activities involve accreditation and oversight of lead abatement service contractors, maintenance of a registry of blood lead levels, investigation of childhood lead poisoning cases, and enforcement of the statute and regulations. The Technical Services and Operations Program (TSOP) works closely with LPPP and is responsible for the maintenance of the registry of rental properties.

## AUTHORITY

FEDERAL: Toxic Substances Control Act  
Centers for Disease Control

STATE: Environment Article, Title 6, Subtitles 3, 8 & 10; COMAR 26.16.01-.04 and  
Environment Article, Title 7, Subtitle 2; COMAR 26.02.07

## PROCESS

Maryland law requires that all blood lead level (BLL) test results be reported to the Department, which in turn reports all results for children at risk to the local health departments for case management. Through these BLL referrals and by other means, if LPPP discovers that an affected property (pre-1978 rental dwelling properties) does not meet the required standards of care (risk reduction, registration of the rental property, and distribution to tenants of two documents explaining tenant rights and the hazards of lead paint), appropriate corrective actions against a violating party may be taken. In order to meet the required standards of care, accredited third-party inspectors and/or contractors may be hired by property owners to meet these compliance standards. LPPP may perform oversight of these inspectors and/or contractors to ensure compliance with regulatory standards as outlined in the statute and regulations so that further exposure to lead hazards is kept to a minimum.

TSOP regulates all affected properties (pre-1978 rental dwelling properties). TSOP collects information from owners of affected properties and issues tracking numbers for the purpose of registration, inspections, certification and annual renewals of affected properties.

## SUCCESSES/CHALLENGES

Lead data is collected on a calendar-year basis. During CY 2016 a total of 118,619 (21.9%) children were tested from a universe of 541,994 children 0-72 months of age. There was an increase in the percentage testing compared to 20.6% in 2015. The population of children 0-72 months of age increased from CY15 to CY16 by 6,900 children.

Of those 118,619 children tested in CY16, a total of 355 (0.3%) were identified with a venous or capillary blood lead level > 10 micrograms per deciliter ( $\mu\text{g}/\text{dL}$ ). This was a decrease of 22 children compared to 377 during CY15. Children identified with a first-time venous or capillary blood lead level > 10  $\mu\text{g}/\text{dL}$  during CY16 totaled 270 (0.2%). This was also a decrease of 10 children with a new incidence case compared to in CY15. It should be noted that the incidence and prevalence percentages remained the same in CY16 and there was a decrease in numbers of blood lead levels > 10 micrograms per deciliter ( $\mu\text{g}/\text{dL}$ ) even though there was an increase in the population tested.

In 2016 a revised Targeting Plan (Plan) for children recommended a revised strategy for testing Maryland children for lead exposure. It was the first comprehensive reassessment of lead testing strategies in the State since 2004 and incorporates new recommendations from the U.S. Centers for Disease Control and Prevention (CDC) regarding blood lead levels that will require follow up action from clinicians, government agencies, and other stakeholders. As a result of the Plan, all health care providers are now required to test all 1 and 2 year olds in Maryland.

The number of compliance inspections performed by the Department's inspectors decreased from 3,719 in FY 2016 to 3,265 in FY 2017. During FY 2017, the staff in Lead Accreditation and Oversight (LAO) Division spent a significant time on the ongoing investigation of the validity of lead free certificates issued by an accredited contractor and company. The Program continues to build compliance partnerships with other government agencies throughout Maryland. This coordination has allowed the Program to do more targeted enforcement.

The inspection coverage of the regulated community increased from 38% in FY 2016 to 42% in FY 2017. The increase in the coverage rate resulted from a significant decrease in the number of affected properties since more property owners have elected to meet the lead-free standards for their properties. Accredited inspectors are hired by property owners primarily to perform lead inspections required by law on pre-1978 residential rental properties. Inspections are mandated before tenants move into pre-1978 residential rental units. The results of these inspections are submitted to the Department.

On January 1, 2015 there was a change in the lead law that defined "affected property" to include properties built between 1950 and 1977 increasing the universe of regulated properties significantly

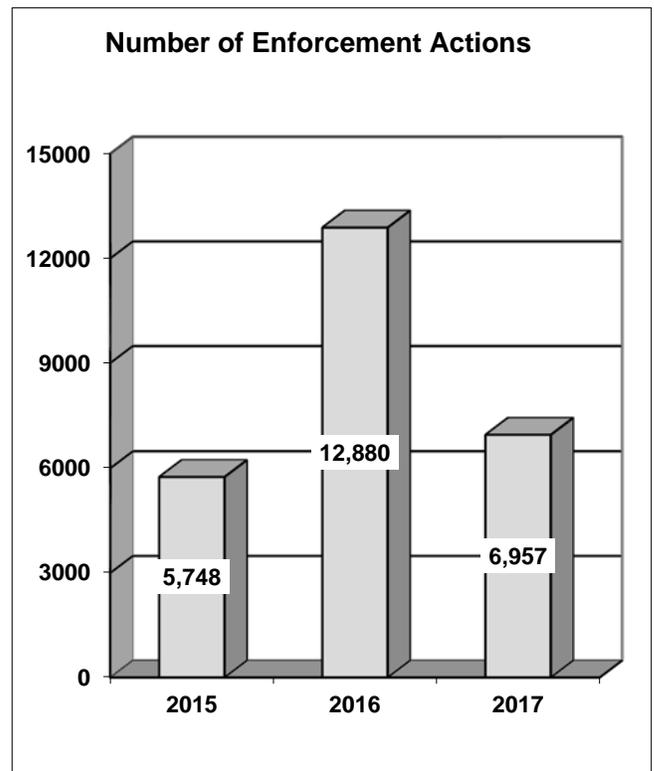
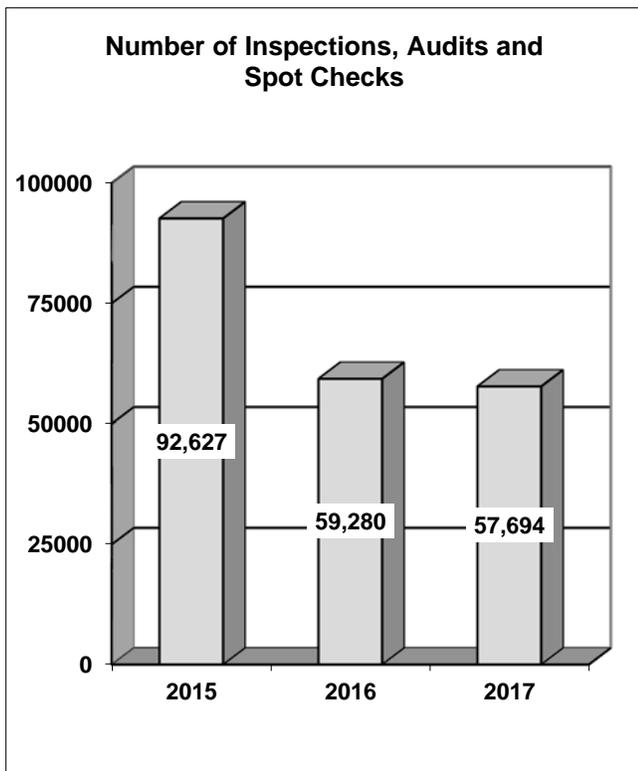
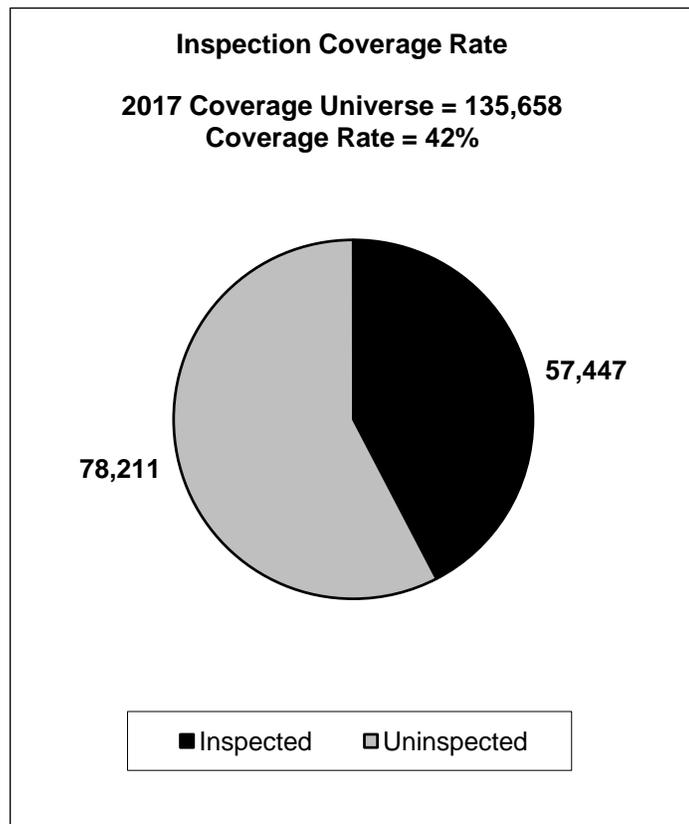
The Rental Registry Section in TSOP continues to work on an audit project started in FY 2016 to more clearly identify the Universe of Rental Properties. During the project, the Universe of Properties has declined due to removal of properties from the database that are no longer for rent, forfeited/bankrupt, sold or certified lead free. Those owners who have not registered their rental properties are being contacted and, if warranted issued a Notice of Violation (NOV). In FY 2017, the Rental Registry Section issued over 6,000 NOVs for failure to register properties for calendar year 2016.

# Lead Poisoning Prevention

Performance Measure	TOTAL
<b>PERMITTED SITES/FACILITIES</b>	
Number of permits/registrations issued (accreditations)	1,546
Number of permits/registrations (accreditations) in effect at fiscal year end	3,021
<b>OTHER REGULATED SITES/FACILITIES</b>	
Number of registrations processed	8,759
Number of units registered as of end of FY	135,658
<b>INSPECTIONS</b>	
Number of sites inspected ("inspected" defined as at the site)	
By accredited lead paint service providers	54,182
By MDE	3,265
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	13
Number of sites evaluated for compliance (sum of the three measures above)	57,460
Number of inspections, spot checks (captures number of compliance activities at sites)	
By accredited lead paint service providers	54,182
By MDE	3,499
Number of audits (captures number of reviews of file/submittals for compliance)	13
Number of inspections, audits, spot checks (sum of the three measures above)	57,694
<b>COMPLIANCE PROFILE</b>	
Number of inspected sites/facilities with significant violations	278
Percentage of inspected sites/facilities with significant violations **	9%
Inspection coverage rate (number of sites inspected/coverage universe) ***	42%
<b>SIGNIFICANT VIOLATIONS</b>	
Number of significant violations involving environmental or health impact	1,408
Number of significant violations based on technical/preventative deficiencies	3,
Number of significant violations carried over awaiting disposition from previous fiscal year	488
Total number of significant violations (sum of the three measures above)	1,899
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>	
Resolved	1,071
Ongoing	828
<b>ENFORCEMENT ACTIONS****</b>	
Number of compliance assistance rendered	33
	Administrative      Civil/Judicial      Total
Number of show cause, remedial, corrective actions issued	186                      0                      186
Number of stop work orders	0                              0                              0
Number of injunctions obtained	1                                0                                1
Number of penalty and other enforcement actions	6,770                      0                              6,770
Number of referrals to Attorney General for possible criminal action	10
Number of SEPs entered into / units affected	1/1
<b>PENALTIES</b>	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$932,011

\* This total number also includes government fee exempt units.  
 \*\* Significant violation percentage is based on MDE inspections only.  
 \*\*\*Inspection coverage rate includes MDE and third-party inspections.  
 \*\*\*\*There was a change in tracking method starting in FY 2013

# Lead Poisoning Prevention



# Oil Control Program - Aboveground Facilities

## **PURPOSE**

The Oil Control Program (OCP) performs a broad range of activities related to the safe handling, storage, and remediation of petroleum products. The OCP issues permits and performs oversight of aboveground storage facilities, transportation facilities, and oil-contaminated soil treatment facilities. Permits are also issued by the OCP for the discharge of treated oil-contaminated water. In addition, the OCP issues licenses and collects fees for the import of petroleum products into Maryland.

## **AUTHORITY**

STATE: Environment Article, Title 4, Subtitle 4; COMAR 26.10

## **PROCESS**

The OCP is responsible for reviewing permit applications, inspecting sites prior to writing permits, and issuing Oil Operations Permits for facilities handling oil in Maryland. Site visits may also lead to the discovery of compliance violations. During inspections, facility conditions are documented and the permittee is advised of the status of compliance. If corrective action is warranted, the facility is directed in accordance with Department guidelines and procedures. The OCP also responds to aboveground oil spills throughout the State. In addition, the OCP licenses entities that transfer oil into Maryland and collects a fee on the transfer.

## **SUCSESSES/CHALLENGES**

The management of aboveground storage tanks containing petroleum continues to be in good standing as a result of a combination of compliance assistance, permit application review, and enforcement. Site visits and permit application reviews have revealed opportunities for compliance assistance at facilities to avoid releases into the environment or other possible emergencies. This shows in the inspection of 244 facilities in FY 2017, an increase from 229 in FY 2016. In addition, the 245 oil transfer licenses issued was an increase in FY 2017 from 204 in FY 2016.

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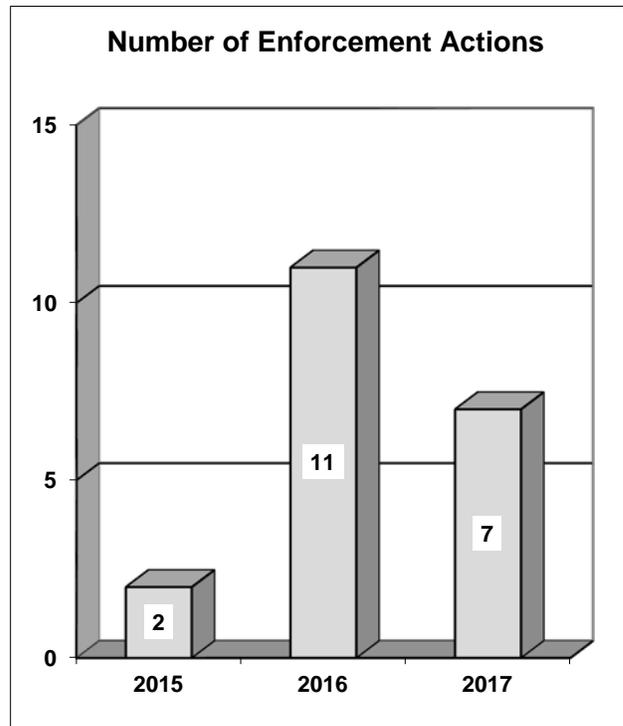
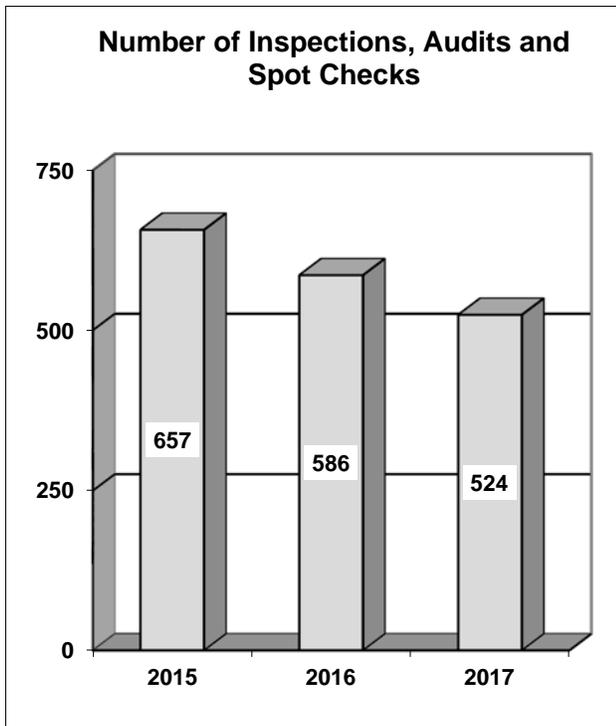
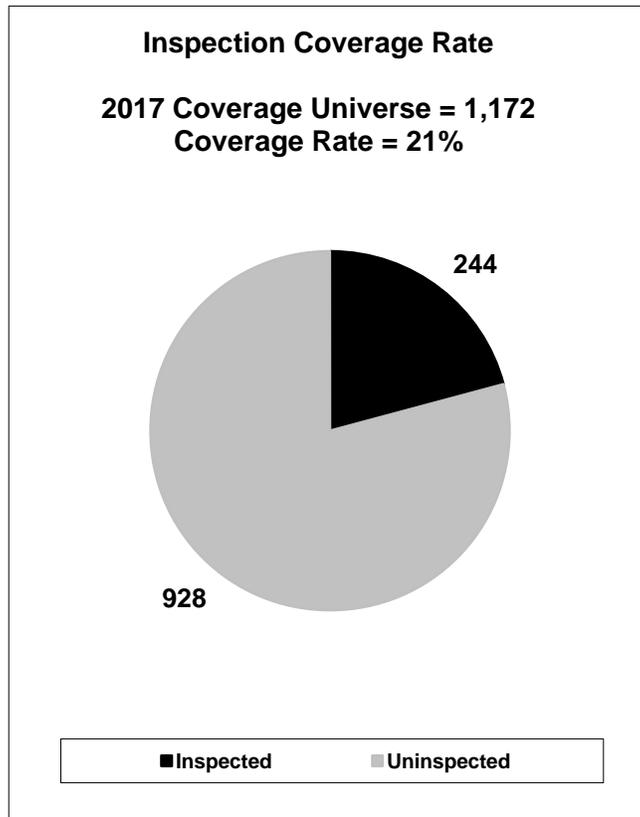
## OCP - Aboveground Facilities

Performance Measure			TOTAL
<b>PERMITTED SITES/FACILITIES</b>			
Number of permits/licenses issued			245
Number of permits/licenses in effect at fiscal year end*			1,172
<b>OTHER REGULATED SITES/FACILITIES</b>			
Oil transfer licenses			272
<b>INSPECTIONS</b>			
Number of sites inspected ("inspected" defined as at the site)			244
Number of sites receiving off-site audits and record reviews, but not inspected			5
Number of sites evaluated for compliance (sum of the two measures above)			249
Number of inspections, spot checks (captures number of compliance activities at sites)			438
Number of audits (captures number of reviews of file/submittals for compliance)			86
Number of inspections, audits, spot checks (sum of the two measures above)			524
<b>COMPLIANCE PROFILE</b>			
Number of inspected sites/facilities with significant violations			3
Percentage of inspected sites/facilities with significant violations			1%
Inspection coverage rate (number of sites inspected/coverage universe)**			21%
<b>SIGNIFICANT VIOLATIONS</b>			
Number of significant violations involving environmental or health impact			3
Number of significant violations based on technical/preventative deficiencies			0
Number of significant violations carried over awaiting disposition from previous fiscal year			2
Total number of significant violations (sum of the three measures above)			5
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>			
Resolved			4
Ongoing			1
<b>ENFORCEMENT ACTIONS</b>			
Number of compliance assistance rendered			521
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	0	0	0
Number of stop work orders	0	0	0
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	7	0	7
Number of referrals to Attorney General for possible criminal action			0
<b>PENALTIES</b>			
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$3,500

\* Permits/licenses. This includes aboveground storage tanks and oil-contaminated soil operations. The Oil (Contaminated Soil) Operations Permit is issued to facilities that store and/or treat soil contaminated with petroleum product from underground storage tank leaks or surface spills. Due to the small number of facilities involved, these numbers were incorporated into the Oil Aboveground Facilities numbers beginning in FY 1999.

\*\* Coverage rate above is computed as the total number of permitted sites inspected and dividing that by the sum of the total number of permits/licenses in effect.

# OCP - Aboveground Facilities



# Oil Control Program - Pollution Remediation Activities

## PURPOSE

The Oil Control Program (OCP) oversees remediation activities at sites where petroleum products have been discharged and are impacting soil or groundwater. The oversight ensures that responsible parties remediate sites in a timely manner, protecting the public's health and the environment. The majority of sites are gasoline service stations, both operating and closed. Sites also include commercial and residential heating oil systems, and businesses that have their own petroleum distribution systems for use in vehicle fleets.

## AUTHORITY

FEDERAL: Resource Conservation and Recovery Act - Subtitle I

STATE: Environment Article, Title 4, Subtitle 4; COMAR 26.10

## PROCESS

When a release of petroleum product is reported to the OCP, appropriate staff is assigned to the investigation. Groundwater and soil cleanups can be technical in nature and require detailed oversight. The OCP will prioritize the response to the release based on multiple factors including the oil type, amount released, and the potential impact to the health of the public and the environment. Most remedial sites will require frequent inspections and meetings. During an inspection, the responsible party will be advised of the direction of the cleanup and status of compliance. Each site is in violation by virtue of the fact that a release has occurred and corrective action will be performed in accordance with the Department's guidelines and procedures. Enforcement actions may be taken if the responsible party is not complying with cleanup orders.

## SUCSESSES/CHALLENGES

Three major factors maintain the success of the OCP in managing cleanups: 1) the presence of a strong technically-proficient field staff, 2) an emphasis on removing the worst contamination from the ground by over excavating during the removal of the UST, and 3) a strong presence by the Underground Storage Tanks (UST) Compliance Division. The number of active remediation sites increased in FY 2017 to 953 from 842 in FY 2016.

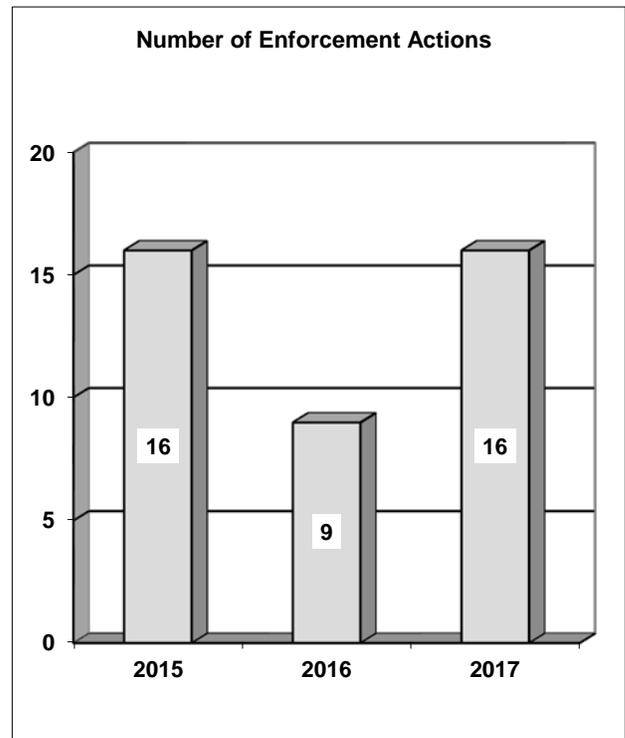
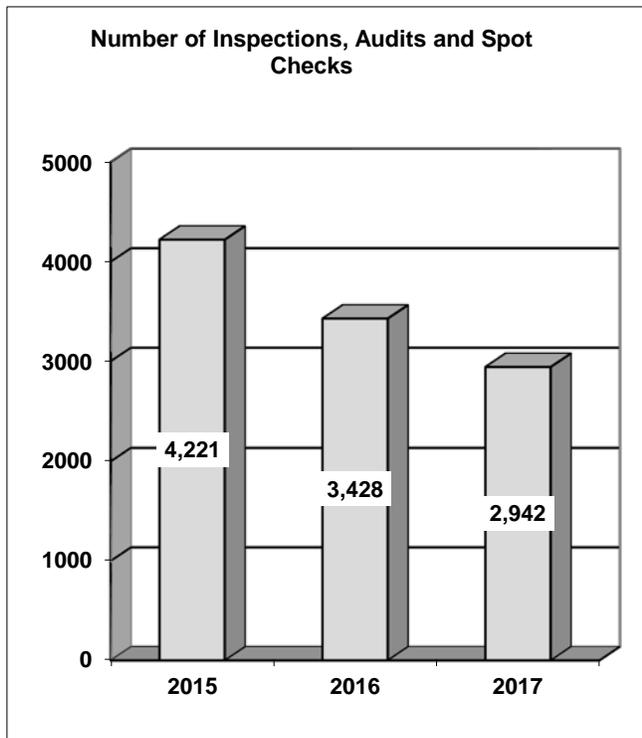
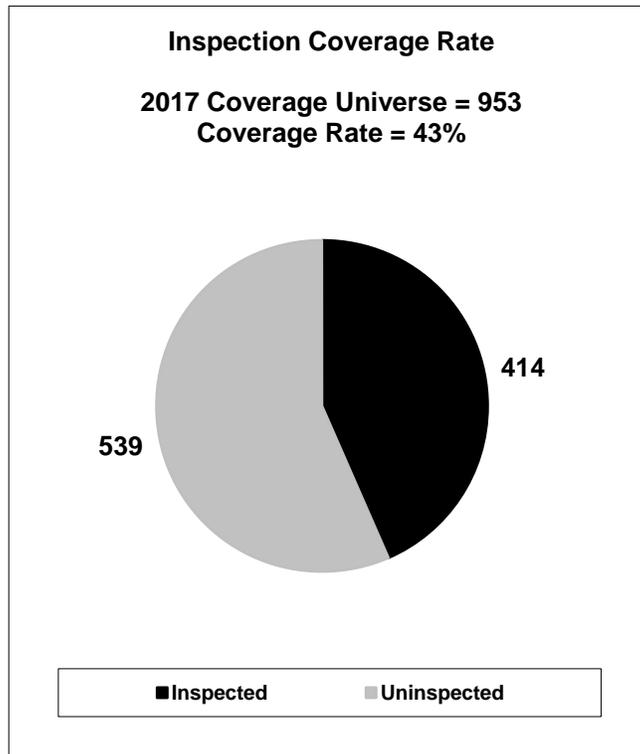
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## Oil Pollution Remediation Activities

Performance Measure	TOTAL																								
<b>PERMITTED SITES/FACILITIES</b>																									
Number of permits/licenses issued	0																								
Number of permits/licenses in effect at fiscal year end	0																								
<b>OTHER REGULATED SITES/FACILITIES</b>																									
Groundwater remediation sites active at fiscal year end*	953																								
<b>INSPECTIONS</b>																									
Number of sites inspected ("inspected" defined as at the site)	414																								
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	416																								
Number of sites evaluated for compliance (sum of the two measures above)	830																								
Number of inspections, spot checks (captures number of compliance activities at sites)	996																								
Number of audits (captures number of reviews of file/submittals for compliance)	1,946																								
Number of inspections, audits, spot checks (sum of the two measures above)	2,942																								
<b>COMPLIANCE PROFILE</b>																									
Number of inspected sites/facilities with significant violations	5																								
Percentage of inspected sites/facilities with significant violations	1%																								
Inspection coverage rate (number of sites inspected/coverage universe)	43%																								
<b>SIGNIFICANT VIOLATIONS</b>																									
Number of significant violations involving environmental or health impact	5																								
Number of significant violations based on technical/preventative deficiencies	0																								
Number of significant violations carried over awaiting disposition from previous fiscal year	11																								
Total number of significant violations (sum of the three measures above)	16																								
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>																									
Resolved	10																								
Ongoing	6																								
<b>ENFORCEMENT ACTIONS</b>																									
Number of compliance assistance rendered	2,937																								
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	Administrative	Civil/Judicial	Total																						
Number of show cause, remedial, corrective actions issued	1	0	1																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	15	0	15																						
Number of referrals to Attorney General for possible criminal action			0																						
<b>PENALTIES</b>																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$7,250																								

\* This number is only sites that are active at the end of the fiscal year. Additional sites that open and close within the year, and sites that are evaluated but do not lead to an open remediation case, are not counted in this number, but they are counted as compliance evaluations.

# Oil Pollution Remediation Activities



# Oil Control Program – Underground Storage Tank Systems

## **PURPOSE**

The Oil Control Program (OCP) inspects underground storage tanks (UST) with the goal of reducing the incidence and severity of releases associated with the storage of regulated substances in USTs. This is accomplished by ensuring compliance with operational requirements including: release detection; corrosion protection; overfill prevention; financial responsibility requirements; and construction standards. Sites can include service stations, oil terminals, hospitals, schools, military facilities, and marinas.

## **AUTHORITY**

FEDERAL: Resource Conservation and Recovery Act - Subtitle I

STATE: Environment Article, Title 4, Subtitle 4; COMAR 26.10

## **PROCESS**

The Department requires all regulated UST systems to be registered with the Oil Control Program. In addition, all UST system technicians, removers, and inspectors must pass a test given by the OCP and maintain a valid certification. Every three years, at a minimum, each federally regulated UST system is inspected as required by the U.S. Environmental Protection Agency (EPA). A tank owner is required to hire a certified third party inspector to complete the inspection. When violations are found, an OCP inspector will conduct a follow up inspection and issue corrective action if warranted.

## **SUCSESSES/CHALLENGES**

The EPA requires that UST facilities be inspected once every three years. The OCP Compliance Division met this requirement in FY 2017 by overseeing the inspection of 1,076 of the 2,805 registered UST facilities in FY 2017. The facilities inspected continue to show a good compliance rate due to the diligence and compliance assistance that the OCP Compliance Division has been able to provide over the last several years. A strong field presence of technically-proficient staff is necessary for achieving and maintaining compliance at facilities and thereby protecting Maryland's water resources from one of the most prevalent environmental risks across the State.

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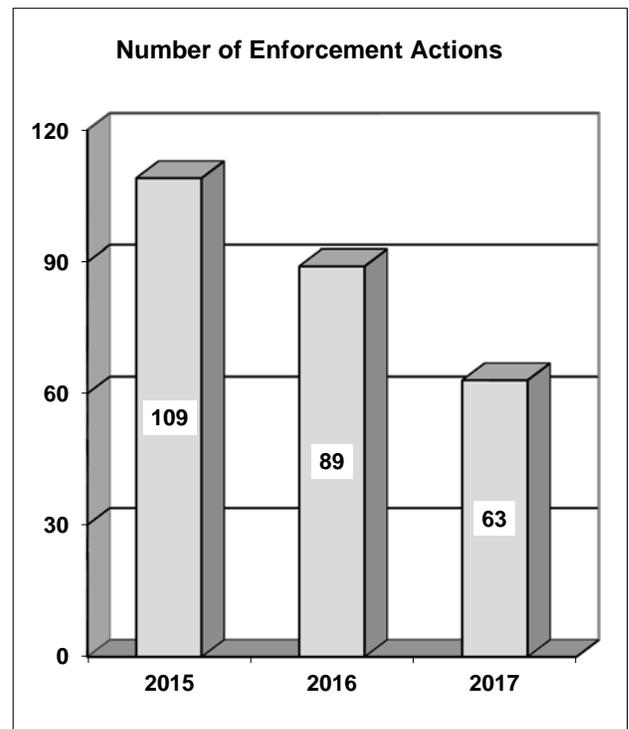
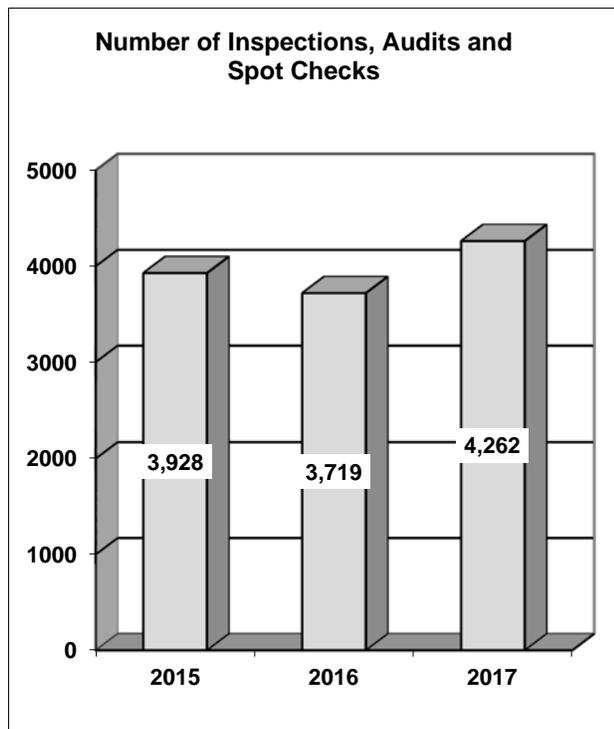
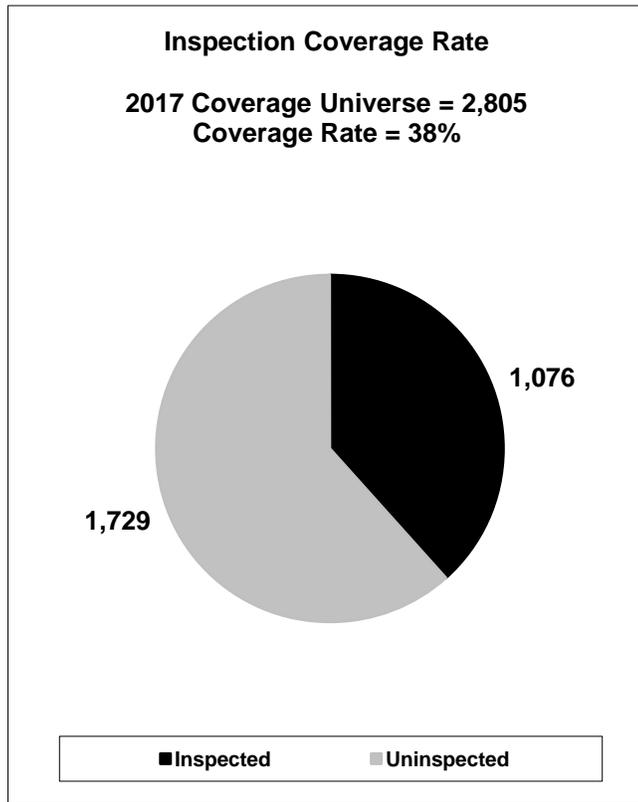
# Oil Underground Storage Tank Systems

Performance Measure	TOTAL		
<b>PERMITTED SITES/FACILITIES</b>			
Number of permits/licenses issued	220		
Number of permits/licenses in effect at fiscal year end *	412		
<b>OTHER REGULATED SITES/FACILITIES</b>			
Registered UST facilities	2,805		
<b>INSPECTIONS</b>			
Number of sites inspected ("inspected" defined as at the site)	1,076		
Number of sites receiving off-site audits and record reviews, but not inspected.	50		
Number of sites evaluated for compliance (sum of the two measures above)	1,126		
Number of inspections, spot checks (captures number of compliance activities at sites)	3,052		
Number of audits (captures number of reviews of file/submittals for compliance)	1,210		
Number of inspections, audits, spot checks (sum of the two measures above)	4,262		
<b>COMPLIANCE PROFILE</b>			
Number of inspected sites/facilities with significant violations	23		
Percentage of inspected sites/facilities with significant violations	2%		
Inspection coverage rate (number of sites inspected/coverage universe)**	38%		
<b>SIGNIFICANT VIOLATIONS</b>			
Number of significant violations involving environmental or health impact	23		
Number of significant violations based on technical/preventative deficiencies	0		
Number of significant violations carried over awaiting disposition from previous fiscal year	40		
Total number of significant violations (sum of the three measures above)	63		
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>			
Resolved	29		
Ongoing	34		
<b>ENFORCEMENT ACTIONS</b>			
Number of compliance assistance rendered	4,908		
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	1	0	1
Number of stop work orders	10	0	10
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	52	0	52
Number of referrals to Attorney General for possible criminal action	0		
<b>PENALTIES</b>			
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$59,448		

\* Certified UST technicians and removers are part of the regulated community and, therefore, the inspection universe, and were included in this report starting in FY 2000.

\*\* Coverage rate is computed as the total number of sites inspected divided by the total number of registered UST sites. Technician and Remover Certifications are part of the Program's universe. However, this number is not included in coverage rate in order not to bias the evaluation of the Program's goal to visit each underground storage tank system on a routine basis.

# Oil Underground Storage Tank Systems



# Refuse Disposal

## **PURPOSE**

Improper handling of society's byproducts in the form of domestic, commercial and industrial wastes can pose direct threats to the public health and the quality of Maryland's water resources. The Solid Waste Program (SWP) is responsible for the review of the technical information needed to support applications for new solid waste disposal facilities and coal combustion by-product (CCB) landfills. Inspections and enforcement of regulations are conducted routinely at permitted and unpermitted disposal facilities, CCB landfills, CCB storage sites, and for CCB transportation vehicles. Regulated solid waste acceptance facilities include municipal landfills, rubble landfills, land-clearing debris landfills, non-hazardous industrial waste landfills, municipal incinerators, solid waste processing facilities, and transfer stations. Corrective action will be performed in accordance with the Department's guidelines and procedures if violations are found.

## **AUTHORITY**

FEDERAL: Resource Conservation and Recovery Act - Subtitle D; 40 CFR 257 and 258  
STATE: Environment Article, Title 9, Subtitle 2; COMAR 26.04.07, 26.04.10

## **PROCESS**

Permits are required for the construction and operation of solid waste acceptance facilities. The permit review activities cover a broad range of environmental and engineering elements to ensure state-of-the-art techniques protect the public health and environment. SWP geologists and engineers review groundwater monitoring and soil gas data required by the permit to detect aqueous and gaseous pollutants, which may be migrating through the ground from landfills and dumpsites. When releases are detected, plans for landfill caps, groundwater and gas extraction, and treatment systems are required, and subject to SWP's review and approval prior to implementation. Routine unannounced inspections are performed to ensure compliance. Inspectors also conduct complaint inspections regarding unpermitted facilities and open dumps. Inspections and investigations are conducted to find, stop, and clean up illegal dumps and reduce the problems they cause, including odors, soil erosion, discharge of pollutants to surface water, and groundwater pollution. If violations are found, corrective actions are conducted in accordance with the Department's guidelines and procedures.

## **SUCCESSSES/CHALLENGES**

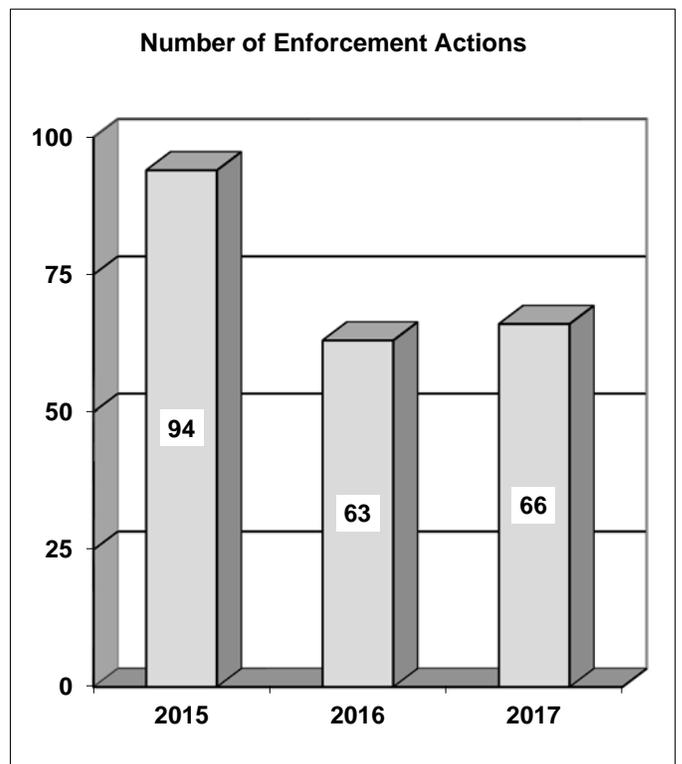
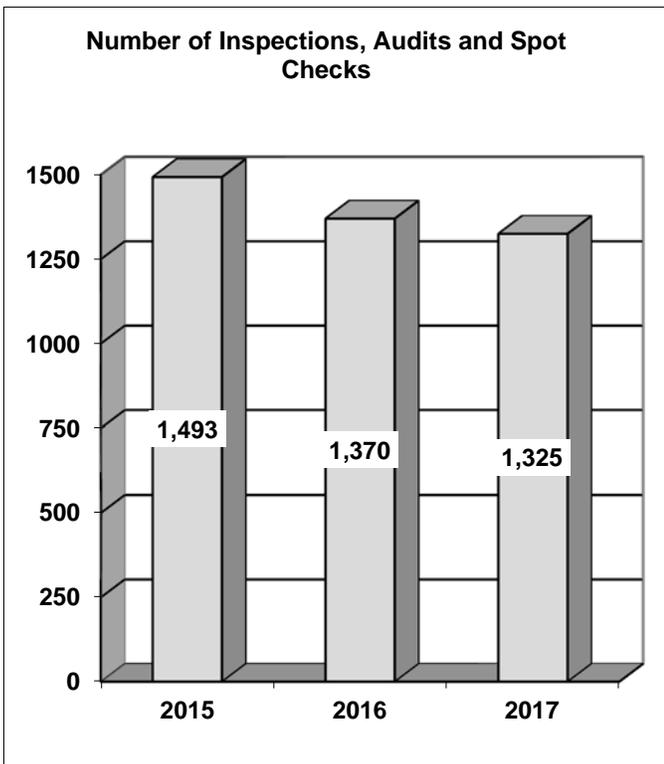
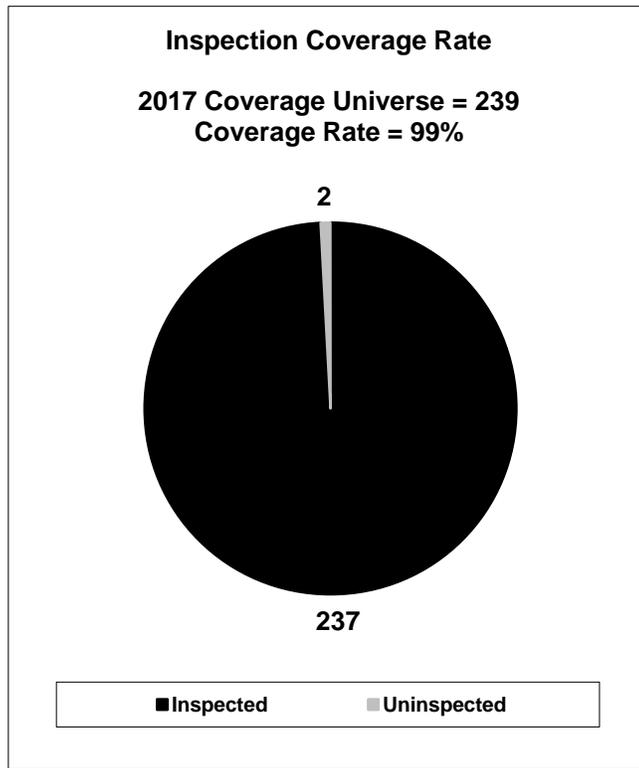
The inspection coverage rate increased to 99% in FY 2017 from 97% in FY 2016. The number of sites inspected increased slightly from 225 in FY 2016 to 237 in FY 2017. The total number of inspections, audits, and spot checks declined from 1,370 in FY 2016 to 1,325 in FY 2017. Refuse Disposal enforcement actions remained relatively consistent in FY 2017 with 66 enforcement actions compared to 63 in FY 2016.

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# Refuse Disposal

Performance Measure	TOTAL																								
<b>PERMITTED SITES/FACILITIES</b>																									
Number of permits/licenses issued	17																								
Number of permits/licenses in effect at fiscal year end*	103																								
<b>OTHER REGULATED SITES/FACILITIES</b>																									
Unpermitted sites	136																								
<b>INSPECTIONS</b>																									
Number of sites inspected ("inspected" defined as at the site)**	237																								
Number of sites receiving off-site audits and record reviews, but not inspected.	45																								
Number of sites evaluated for compliance (sum of the two measures above)	282																								
Number of inspections, spot checks (captures number of compliance activities at sites)	1,073																								
Number of audits (captures number of reviews of file/submittals for compliance)	252																								
Number of inspections, audits, spot checks (sum of the two measures above)	1,325																								
<b>COMPLIANCE PROFILE</b>																									
Number of inspected sites/facilities with significant violations	44																								
Percentage of inspected sites/facilities with significant violations	19%																								
Inspection coverage rate (number of sites inspected/coverage universe)	99%																								
<b>SIGNIFICANT VIOLATIONS</b>																									
Number of significant violations involving environmental or health impact	122																								
Number of significant violations based on technical/preventative deficiencies	3																								
Number of significant violations carried over awaiting disposition from previous fiscal year	162																								
Total number of significant violations (sum of the three measures above)	287																								
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>																									
Resolved	115																								
Ongoing	172																								
<b>ENFORCEMENT ACTIONS</b>																									
Number of compliance assistance rendered	1																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">Administrative</th> <th style="width: 25%;">Civil/Judicial</th> <th style="width: 10%;">Total</th> </tr> </thead> <tbody> <tr> <td>Number of show cause, remedial, corrective actions issued</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Number of stop work orders</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of injunctions obtained</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of penalty and other enforcement actions</td> <td style="text-align: center;">64</td> <td style="text-align: center;">0</td> <td style="text-align: center;">64</td> </tr> <tr> <td>Number of referrals to Attorney General for possible criminal action</td> <td colspan="2"></td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		Administrative	Civil/Judicial	Total	Number of show cause, remedial, corrective actions issued	2	0	2	Number of stop work orders	0	0	0	Number of injunctions obtained	0	0	0	Number of penalty and other enforcement actions	64	0	64	Number of referrals to Attorney General for possible criminal action			0
	Administrative	Civil/Judicial	Total																						
Number of show cause, remedial, corrective actions issued	2	0	2																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	64	0	64																						
Number of referrals to Attorney General for possible criminal action			0																						
Number of show cause, remedial, corrective actions issued	2	0	2																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	64	0	64																						
Number of referrals to Attorney General for possible criminal action			0																						
<b>PENALTIES</b>																									
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$33,983																						

# Refuse Disposal



# Scrap Tires

## **PURPOSE**

Licenses and approvals are required for the hauling, collection, storage, processing, recycling, and burning (tire-derived fuel) of scrap tires. These licenses and approvals ensure that scrap tires are managed in a manner protective of public health and the environment. In coordination with the Maryland Environmental Service (MES), the Scrap Tire Unit may arrange for cleanup of illegal scrap tire dumps. Enforcement actions may be taken to ensure compliance with the scrap tire laws, regulations, and license and approval conditions.

## **AUTHORITY**

STATE: Environment Article, Title 9, Subtitle 2;  
Environment Article, Title 10, Nuisance Abatement;  
COMAR 26.04.

## **PROCESS**

Any person who collects, stores, or hauls as part of a commercial business, recycles, or processes scrap tires is required to obtain the applicable license or approval. To obtain a license or approval, a person must submit a completed application and the required information. The Scrap Tire Unit may conduct a public information meeting on certain types of license or approval applications.

The Scrap Tire Unit requires property owners to cleanup illegally stockpiled scrap tires. Depending on available revenue, a State special fund can be used when a landowner fails to cleanup a scrap tire dump. Cost recovery from the landowner or other identifiable responsible party for all costs associated with the cleanup is required, unless the owner qualifies for an inheritance exemption. Corrective orders and penalties may be issued for violations in accordance with the Department's guidelines and procedures.

## **SUCSESSES/CHALLENGES**

The Scrap Tire Unit continues the cleanup of scrap tires from illegal stockpiles. New stockpiles continue to be discovered every year and during FY 2017 a total of 39 new sites containing approximately 26,684 scrap tires were discovered. A total of 52 stockpiles were cleaned up in FY 2017 resulting in the removal of 191,120 scrap tires. Since the inception of the Scrap Tire Unit in 1992, over 10.8 million scrap tires have been cleaned up from 1,082 stockpiles. At the end of FY 2017, there were 53 stockpiles containing approximately 336,426 scrap tires remaining to be cleaned up, including 200,000 tires located at one site that was discovered in FY 2016.

Since the Harford Waste-to-Energy facility permanently closed in 2016, the Scrap Tire Unit continues to face challenges in finding processors for scrap tires, especially dirty scrap tires. There are currently four scrap tire processors in Maryland that are accepting scrap tires from the public. Of the four processors, only three will accept dirty scrap tires. The tipping fees for dirty scrap tires are significantly higher than those for clean scrap tires. There are processors in neighboring states, but most will not accept dirty scrap tires. The Scrap Tire Unit has asked the MES to evaluate the current status of the Maryland Scrap Tire Recycling System (System) and to make recommendations for expanding the System.

One promising development in the scrap tire market is the emergence of pyrolysis as a potential viable option for processing scrap tires. Pyrolysis is the process of breaking chemical bonds in the rubber using heat and pressure to produce other products, such as pyrolytic oils and carbon black. There are plans for establishing pyrolysis facilities in Maryland, Pennsylvania, and Virginia within the next several years. The Department has tasked MES with researching the technology of pyrolysis and laws and regulations developed by other states.

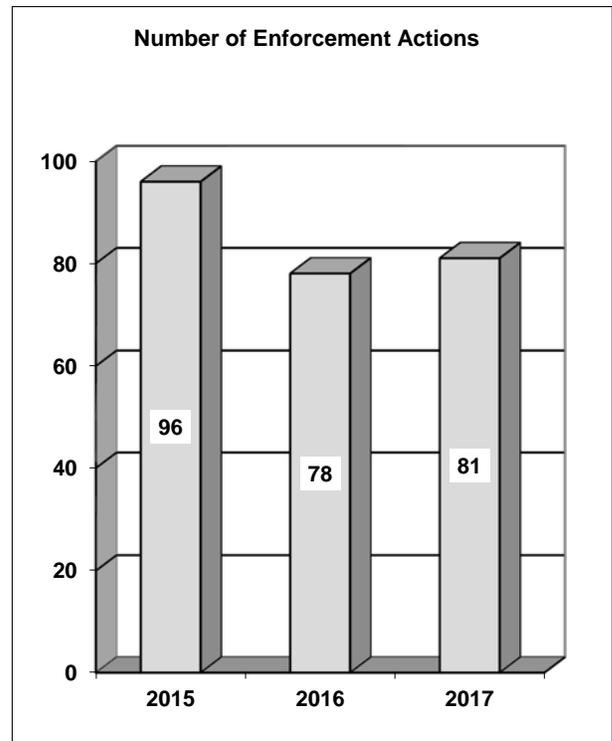
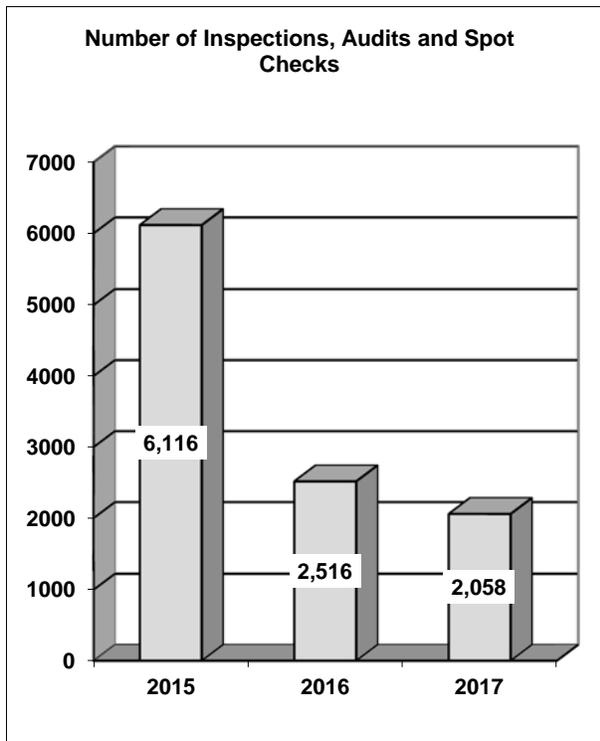
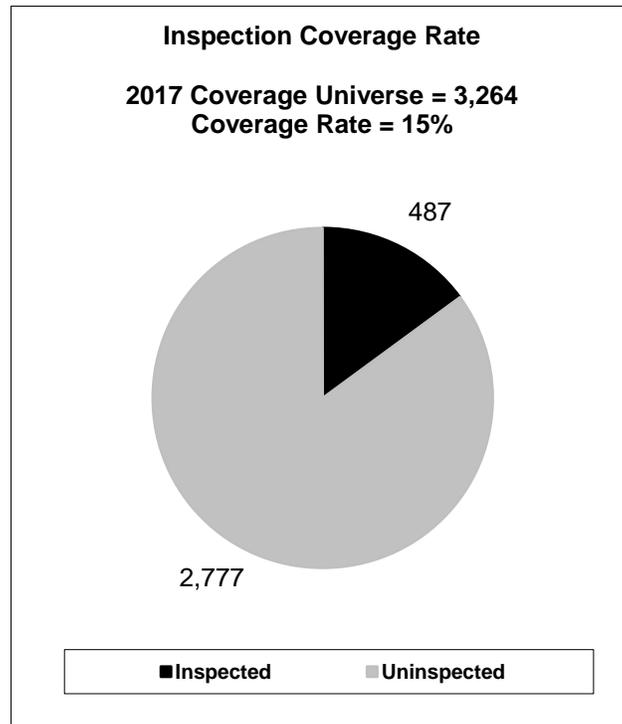
Scrap tire inspections are performed by inspectors in the Solid Waste Program (SWP). Larger scrap tire facilities are inspected more frequently than smaller ones through routine unannounced inspections. Inspectors also investigate citizen complaints about illegal dumping or handling of scrap tires. The SWP's Compliance Division conducted 755 scrap tire site inspections and spot checks at 487 sites in FY 2017. Enforcement actions increased from 78 in FY 2016 to 81 in FY 2017. Additionally, three referrals were submitted to the Environmental Crimes Unit in FY 2017.

# Scrap Tires

Performance Measure	TOTAL																								
<b>PERMITTED SITES/FACILITIES</b>																									
Number of permits/registrations issued	374																								
Number of permits/registrations in effect at fiscal year end	3,211																								
<b>OTHER REGULATED SITES/FACILITIES</b>																									
Stockpiles with removal activities during the fiscal year	53																								
<b>INSPECTIONS</b>																									
Number of sites inspected ("inspected" defined as at the site)	487																								
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	922																								
Number of sites evaluated for compliance (sum of the two measures above)	1,409																								
Number of inspections, spot checks (captures number of compliance activities at sites)	755																								
Number of audits (captures number of reviews of file/submittals for compliance)	1,303																								
Number of inspections, audits, spot checks (sum of the two measures above)	2,058																								
<b>COMPLIANCE PROFILE</b>																									
Number of inspected sites/facilities with significant violations	65																								
Percentage of inspected sites/facilities with significant violations	13%																								
Inspection coverage rate (number of sites inspected/coverage universe)*	15%																								
<b>SIGNIFICANT VIOLATIONS</b>																									
Number of significant violations involving environmental or health impact	26																								
Number of significant violations based on technical/preventative deficiencies	48																								
Number of significant violations carried over awaiting disposition from previous fiscal year	94																								
Total number of significant violations (sum of the three measures above)	168																								
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>																									
Resolved	75																								
Ongoing	93																								
<b>ENFORCEMENT ACTIONS</b>																									
Number of compliance assistance rendered	0																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">Administrative</th> <th style="width: 25%;">Civil/Judicial</th> <th style="width: 10%;">Total</th> </tr> </thead> <tbody> <tr> <td>Number of show cause, remedial, corrective actions issued</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Number of stop work orders</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of injunctions obtained</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of penalty and other enforcement actions</td> <td style="text-align: center;">79</td> <td style="text-align: center;">0</td> <td style="text-align: center;">79</td> </tr> <tr> <td>Number of referrals to Attorney General for possible criminal action</td> <td colspan="2"></td> <td style="text-align: center;">3</td> </tr> </tbody> </table>		Administrative	Civil/Judicial	Total	Number of show cause, remedial, corrective actions issued	2	0	2	Number of stop work orders	0	0	0	Number of injunctions obtained	0	0	0	Number of penalty and other enforcement actions	79	0	79	Number of referrals to Attorney General for possible criminal action			3
	Administrative	Civil/Judicial	Total																						
Number of show cause, remedial, corrective actions issued	2	0	2																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	79	0	79																						
Number of referrals to Attorney General for possible criminal action			3																						
Number of show cause, remedial, corrective actions issued	2	0	2																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	79	0	79																						
Number of referrals to Attorney General for possible criminal action			3																						
<b>PENALTIES</b>																									
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$7,250																						

\* Coverage rate above is computed as the total number of sites inspected divided by the total number of permits/licenses in effect plus the number of stockpiles with removal activities.

# Scrap Tires



# Sewage Sludge Utilization

## **PURPOSE**

Sewage Sludge (also known as biosolids) is one of the final products of the treatment of sewage at a wastewater treatment plant. A Sewage Sludge Utilization (SSU) Permit issued by the Resource Management Program (RMP) is required for any activities involving sewage sludge treatment, composting, transportation, storage, distribution, land application, energy generation or incineration, marketing, innovative or research project, disposal, or alternative utilization at a municipal landfill in Maryland. The purpose of the permits is to ensure that sewage sludge is managed in a manner that is protective of public health and the environment. Sewage sludge is not sewage.

## **AUTHORITY**

STATE: Environment Article, Title 9, Subtitle 2; COMAR 26.04

## **PROCESS**

A person must submit a completed application and the required information for a SSU permit. A person applying for a SSU Permit to apply treated sewage sludge on agriculture land must submit a nutrient management plan (NMP) in accordance with Maryland Department of Agriculture (MDA) requirements. Copies of SSU Permit Applications are provided to local governments for their review, comments, and depending on the type of activity, an opportunity for a public meeting.

Sewage sludge composting facilities, pelletizers, and storage facilities are inspected by the Solid Waste Program several times per year. Landfill disposal operations are inspected during the course of routine landfill inspections. Land application sites are inspected when the workload allows or when complaints are received. If required, inspectors may recommend corrective action be taken. If a significant violation is found, a site complaint is issued. Corrective orders and penalties may be issued for violations in accordance with the Department's guidelines and procedures. Inspectors also investigate citizens' complaints about sewage sludge utilization.

## **SUCCESSSES/CHALLENGES**

The number of inspections and spot checks decreased from 224 in FY 2016 to 179 in FY 2017. A total of 1,640 audits were completed in FY 2017 which was a significant increase from 874 conducted in FY 2016. The RMP Biosolids Division was able to review a backlog of reports which contributed to the increase in audits in FY 2017.

While the coverage rate for sewage sludge utilization sites is 12%, it should be noted that many of these sites are farm fields that may only receive sewage sludge once or twice during a five-year permit life. Inspection efforts are concentrated toward those sites that are active during the year. The RMP will continue reporting the total coverage value for consistency with past values, and for comparison to other programs.

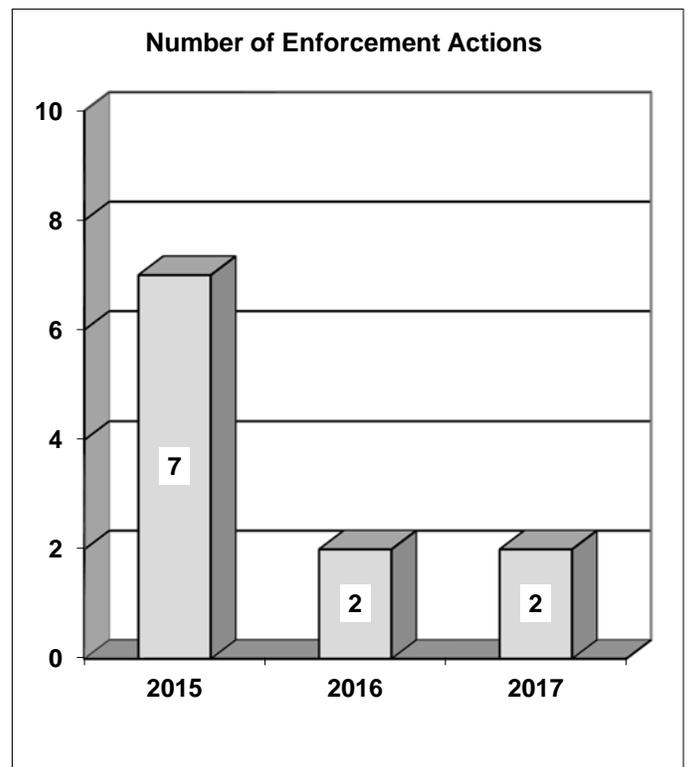
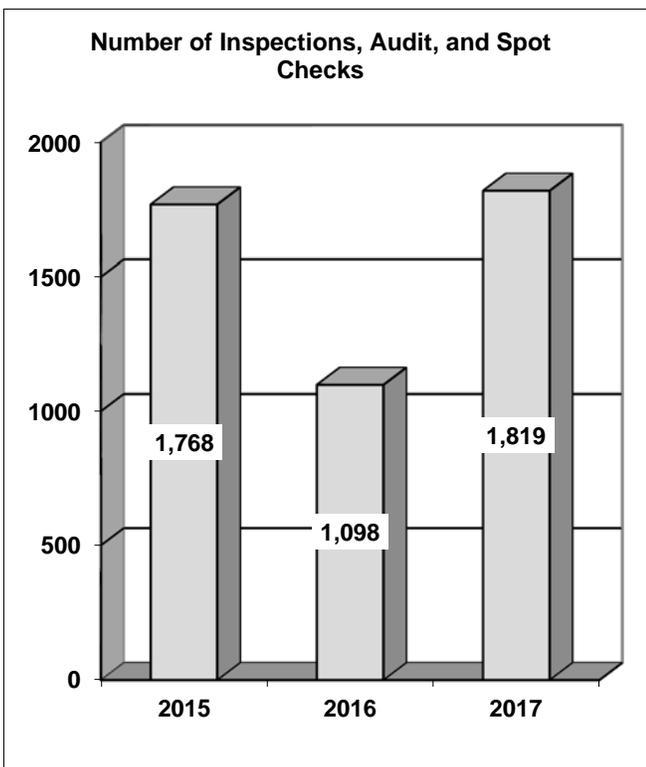
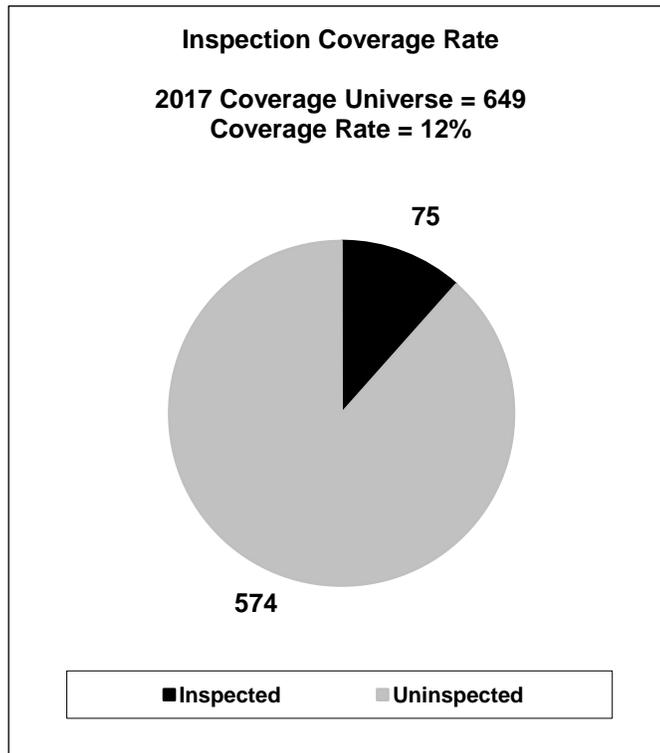
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# Sewage Sludge Utilization

Performance Measure	TOTAL
<b>PERMITTED SITES/FACILITIES</b>	
Number of permits/registrations issued	104
Number of permits/registrations in effect at fiscal year end	645
<b>OTHER REGULATED SITES/FACILITIES</b>	
Unpermitted sites	4
<b>INSPECTIONS</b>	
Number of sites inspected ("inspected" defined as at the site)	75
Number of sites receiving off-site audits and record reviews, but not inspected.	310
Number of sites evaluated for compliance (sum of the two measures above)	385
Number of inspections, spot checks (captures number of compliance activities at sites)	179
Number of audits (captures number of reviews of file/submittals for compliance)	1,640
Number of inspections, audits, spot checks (sum of the two measures above)	1,819
<b>COMPLIANCE PROFILE</b>	
Number of inspected sites/facilities with significant violations	1
Percentage of inspected sites/facilities with significant violations	1%
Inspection coverage rate (number of sites inspected/coverage universe)*	12%
<b>SIGNIFICANT VIOLATIONS</b>	
Number of significant violations involving environmental or health impact	1
Number of significant violations based on technical/preventative deficiencies	0
Number of significant violations carried over awaiting disposition from previous fiscal year	0
Total number of significant violations (sum of the three measures above)	1
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>	
Resolved	1
Ongoing	0
<b>ENFORCEMENT ACTIONS</b>	
Number of compliance assistance rendered	0
	Administrative      Civil/Judicial      Total
Number of show cause, remedial, corrective actions issued	0                      0                      0
Number of stop work orders	0                      0                      0
Number of injunctions obtained	0                      0                      0
Number of penalty and other enforcement actions	2                      0                      2
Number of referrals to Attorney General for possible criminal action	0
<b>PENALTIES</b>	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0

\* Coverage rate above is computed as the total number of sites inspected divided by the total number of permits/licenses in effect.

# Sewage Sludge Utilization



# Animal Feeding Operations

## **PURPOSE**

The Animal Feeding Operations (AFO) Division within the Resource Management Program (RMP) regulates discharges from farms with animals that are stabled or confined for 45 days or more in any 12-month period in an area where crops/forage are not grown. AFOs have the potential to discharge nutrients and sediments to surface waters if improperly designed, constructed, operated, or maintained.

## **AUTHORITY**

FEDERAL: Federal Clean Water Act

STATE: Environment Article, Title 9, Subtitle 3; COMAR 26.08.

## **PROCESS**

AFOs are subject to regulations through registration as a Concentrated Animal Feeding Operation (CAFO) or a Maryland Animal Feeding Operation (MAFO) under a General Discharge Permit (GD Permit) for AFOs. This GD Permit requires these operations to be designed, constructed, operated, and maintained according to specific standards which control or eliminate discharges of pollutants to the waters of the State. All large, and certain medium, AFOs are required to apply for coverage under the GD Permit.

During the five-year duration of the GD Permit, every registered operation will be inspected at least once to ensure compliance with the permit conditions. These conditions incorporate relevant portions of farm-specific required plans, including, but not limited to, a Comprehensive Nutrient Management Plan (CNMP) or a Nutrient Management Plan and Soil Conservation and Water Quality Plan, written in accordance with State and federal requirements. Complaints involving CAFOs or MAFOs are addressed by inspectors specifically assigned to the AFO Compliance Unit. Enforcement is accomplished through site complaints, notices of violation, and administrative, civil, and criminal mechanisms.

## **SUCCESSSES/CHALLENGES**

In FY2017, the AFO Division issued 193 permits compared to 158 in FY 2016. The number of permits in effect increased by 16 to 565 in FY 2017 from 549 in FY 2016. On December 1, 2014 a new GD Permit (14AF) went into effect with an expiration date of November 30, 2019. Currently, 275 permits are pending approval. All applications for new construction of AFOs, expansion of existing AFOs, or those that have allowed their coverage to expire are given priority. The remaining AFOs that were covered by the previous permit (09AF) are operating under an administratively extended registration.

The AFO Division inspected 181 sites in FY 2017 which was an increase from 174 in FY 2016. The number of inspections, audits and spot checks decreased in FY 2017 to 1,067 from 2,363 in FY 2016. The decrease was mainly due to audits conducted by the AFO Division decreasing to 844 in FY 2017 from 2,097 in FY 2016. The AFO Division audited one calendar year (2016) of Annual Implementation Reports (AIRs) compared to two calendar years (2014 and 2015) in FY 2016.

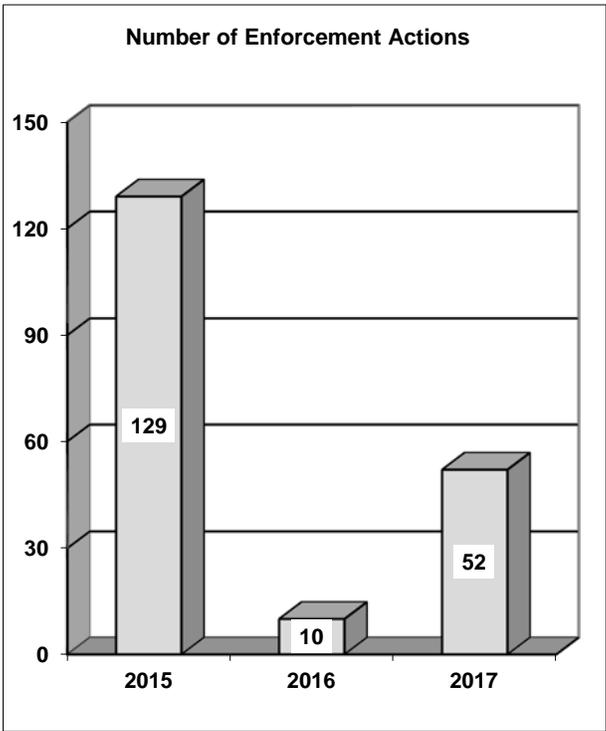
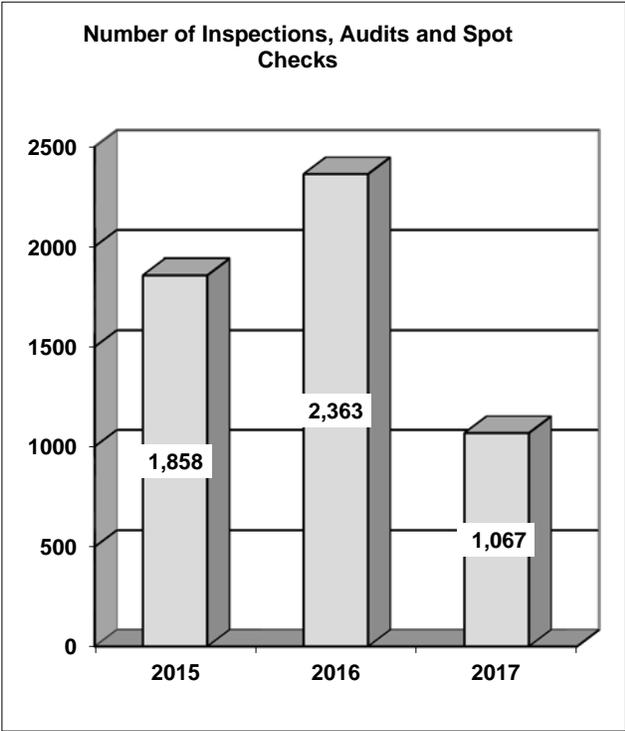
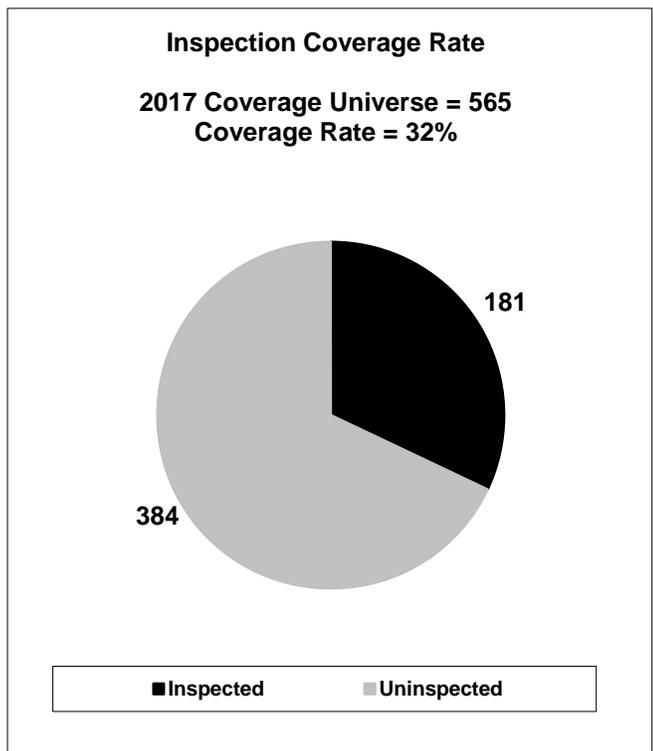
A new challenge for the AFO Division is the threat of Avian Influenza. The bio-security protocols limit inspections of poultry farms to one per day impacting the number of inspections being conducted.

# Animal Feeding Operations

Performance Measure	TOTAL		
<b>PERMITTED SITES/FACILITIES</b>			
Number of permits/registrations issued	193		
Number of permits/registrations in effect at fiscal year end	565		
<b>INSPECTIONS</b>			
Number of sites inspected (“inspected” defined as at the site)*	181		
Number of sites receiving off-site audits and record reviews, but not inspected	435		
Number of sites evaluated for compliance (sum of the two measures above)	616		
Number of inspections, spot checks (captures number of compliance activities at sites)	223		
Number of audits (captures number of reviews of file/submittals for compliance)	844		
Number of inspections, audits, spot checks (sum of the two measures above)	1,067		
<b>COMPLIANCE PROFILE</b>			
Number of inspected sites/facilities with significant violations	5		
Percentage of inspected sites/facilities with significant violations	2%		
Inspection coverage rate (number of sites inspected/coverage universe)	22%		
<b>SIGNIFICANT VIOLATIONS</b>			
Number of significant violations involving environmental or health impact	5		
Number of significant violations based on technical/preventative deficiencies	4		
Number of significant violations carried over awaiting disposition from previous fiscal year	5		
Total number of significant violations (sum of the three measures above)	14		
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>			
Resolved	9		
Ongoing	5		
<b>ENFORCEMENT ACTIONS</b>			
Number of compliance assistance rendered	19		
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	0	0	0
Number of stop work orders	0	0	0
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	52	0	52
Number of referrals to Attorney General for possible criminal action	0		
<b>PENALTIES</b>			
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$14,938		

\*This includes inspections of sites that have not applied for coverage to determine the regulatory status.

# Animal Feeding Operations



# Natural Wood Waste Recycling

## **PURPOSE**

The Solid Waste Program (SWP) issues Natural Wood Waste (NWW) Recycling permits to ensure that NWW is managed in a manner that will not cause harm to the public health and the environment. Recycling is conducted by chipping the wood waste (stumps, root mat, branches, logs, and brush) and converting it into products, including mulch and compost. The permitting system was designed to prevent large-scale fires at NWW facilities.

Natural wood waste facilities were targeted for additional inspections in FY 2003 and FY 2004 after several severe fires at this type of facility in FY 2002.

## **AUTHORITY**

STATE: Environment Article, Title 9, Subtitle 17; COMAR 26.04.

## **PROCESS**

Permits are required for the operation of facilities that recycle NWW (stumps, root mat, branches, logs, and brush). NWW activities are authorized by a General Permit or Individual Permit. Permits are not required for these kinds of operations at landfills, if the activities are performed by an individual or business recycling its own wood wastes on its own premises, or for wood waste recycling operations performed by a government or non-profit agency. Routine unannounced inspections are performed at these facilities several times a year to ensure compliance with the permit, as well as investigating citizen complaints. If violations are found, corrective actions are required in accordance with the Department's guidelines and procedures.

## **SUCSESSES/CHALLENGES**

The majority of the NWW facilities were in compliance with General/Individual Permit conditions. As a result, only seven site complaints were issued in FY 2017.

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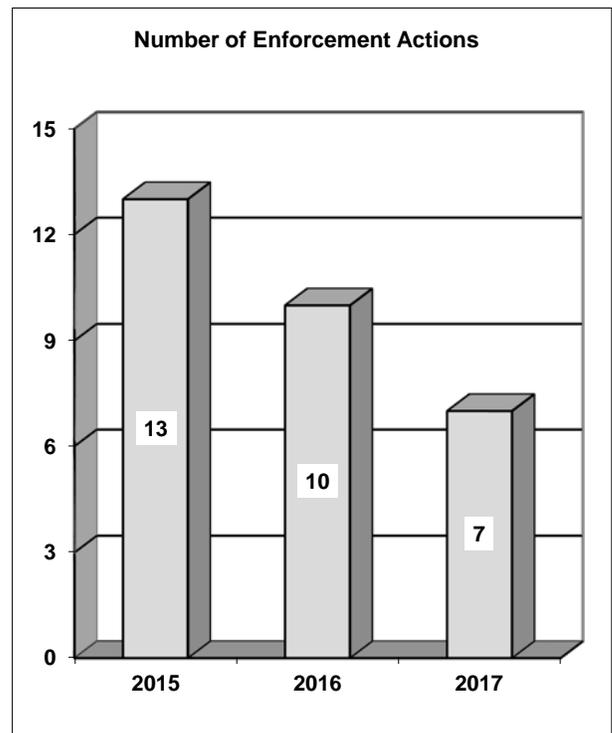
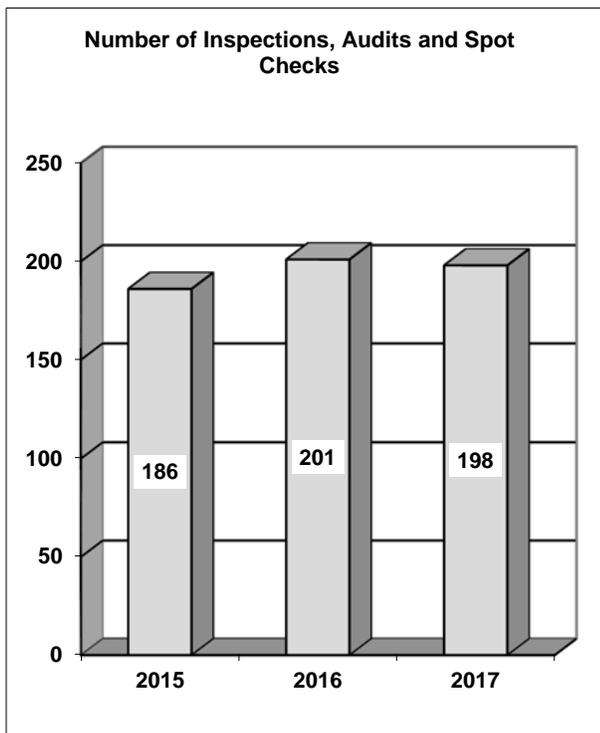
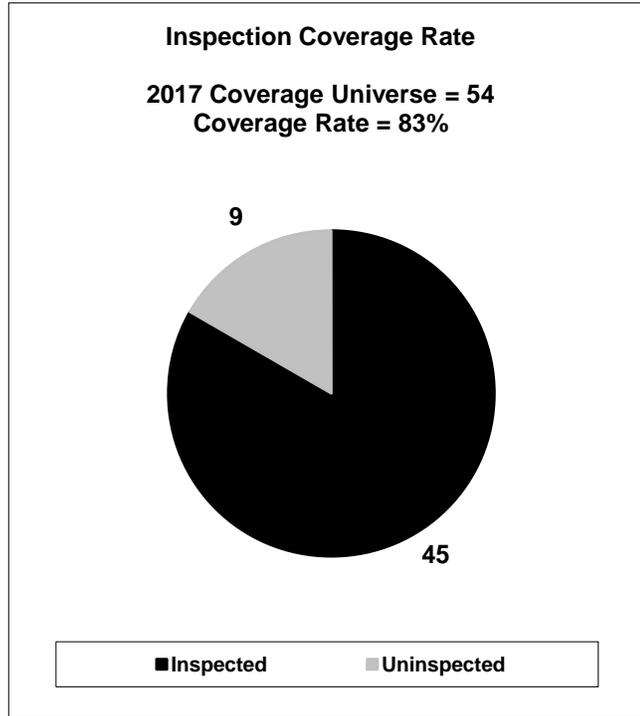
# Natural Wood Waste Recycling

Performance Measure	TOTAL																								
<b>PERMITTED SITES/FACILITIES</b>																									
Number of permits/registrations issued	11																								
Number of permits/registrations in effect at fiscal year end	46																								
<b>OTHER REGULATED SITES/FACILITIES</b>																									
Unpermitted sites at fiscal year end	8																								
<b>INSPECTIONS</b>																									
Number of sites inspected ("inspected" defined as at the site)*	45																								
Number of sites receiving off-site audits and record reviews, but not inspected	9																								
Number of sites evaluated for compliance (sum of the two measures above)	54																								
Number of inspections, spot checks (captures number of compliance activities at sites)	157																								
Number of audits (captures number of reviews of file/submittals for compliance)	41																								
Number of inspections, audits, spot checks (sum of the two measures above)	198																								
<b>COMPLIANCE PROFILE</b>																									
Number of inspected sites/facilities with significant violations	5																								
Percentage of inspected sites/facilities with significant violations	11%																								
Inspection coverage rate (number of sites inspected/coverage universe)**	83%																								
<b>SIGNIFICANT VIOLATIONS</b>																									
Number of significant violations involving environmental or health impact	13																								
Number of significant violations based on technical/preventative deficiencies	0																								
Number of significant violations carried over awaiting disposition from previous fiscal year	16																								
Total number of significant violations (sum of the three measures above)	29																								
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>																									
Resolved	20																								
Ongoing	9																								
<b>ENFORCEMENT ACTIONS</b>																									
Number of compliance assistance rendered	0																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%; text-align: center;">Administrative</th> <th style="width: 25%; text-align: center;">Civil/Judicial</th> <th style="width: 10%; text-align: center;">Total</th> </tr> </thead> <tbody> <tr> <td>Number of show cause, remedial, corrective actions issued</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of stop work orders</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of injunctions obtained</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of penalty and other enforcement actions</td> <td style="text-align: center;">7</td> <td style="text-align: center;">0</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Number of referrals to Attorney General for possible criminal action</td> <td colspan="2"></td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		Administrative	Civil/Judicial	Total	Number of show cause, remedial, corrective actions issued	0	0	0	Number of stop work orders	0	0	0	Number of injunctions obtained	0	0	0	Number of penalty and other enforcement actions	7	0	7	Number of referrals to Attorney General for possible criminal action			0
	Administrative	Civil/Judicial	Total																						
Number of show cause, remedial, corrective actions issued	0	0	0																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	7	0	7																						
Number of referrals to Attorney General for possible criminal action			0																						
Number of show cause, remedial, corrective actions issued	0	0	0																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	7	0	7																						
Number of referrals to Attorney General for possible criminal action			0																						
<b>PENALTIES</b>																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0																								

\* Number of inspected sites includes permitted facilities, government facilities that do not require permits, unpermitted natural wood waste operations and citizen complaints.

\*\* Coverage rate is computed as the total number of sites inspected and dividing that by the total number of permits/licenses in effect plus the number of unpermitted sites discovered and inspected.

# Natural Wood Waste Recycling



# Mining – Coal

## PURPOSE

Federal law requires that a person obtain a permit in accordance with the federal Surface Mining Control and Reclamation Act (SMCRA or Act) to mine coal anywhere in the United States. The purpose of the Act was to establish a nationwide program to protect the public and the environment from the adverse effects of surface coal mining operations. In Maryland, the Department is authorized by the federal Office of Surface Mining to administer a surface mining control program consistent with the federal law. The Bureau of Mines Division (BOM) is responsible for processing, reviewing, and issuing all permits and enforcing all laws and regulations enacted by the State related to coal mine operations. These operations include extraction of coal by surface or underground mining methods, processing, and loading coal after extraction, recovering coal from coal refuse piles left by previous coal mining operations, and prospecting for coal. The Abandoned Mine Land Division uses funds available through Title IV of SMCRA, the EPA, and various State funds to eliminate health, safety, and environmental issues caused by coal mines that were inadequately reclaimed and abandoned prior to the date of the federal law (August 3, 1977).

## AUTHORITY

FEDERAL: P.L. 95-87 Surface Mining Control and Reclamation Act of 1977

STATE: Environment Article, Title 15, Subtitle 1 through 11; COMAR 26.20

## PROCESS

A person wanting to obtain a coal mining operations permit must file an application which includes maps, plans, and designs detailing how the operation is to be conducted and evaluations of potential environmental impacts that could result from the operations. The BOM reviews the designs and environmental evaluations and solicits comments on the proposed operations from the general public through public notifications and from government agencies through direct notification. If the BOM finds the application is in compliance with program requirements, a permit will be issued. The applicant is required to post a bond sufficient to assure reclamation of the site.

Permitted operations are inspected, at a minimum, twelve times per year for compliance with the plans contained in the permit application, conditions of the permit, and State coal mining laws and regulations. Permitted operations are also required to submit on a regular basis monitoring data for surface and ground water quality, data related to blasting, coal production, and progress reports relating to reclamation of the sites. This submitted data is reviewed for regulatory compliance.

Coal mining operations are required to reclaim the land to a condition similar to what existed prior to mining. Areas disturbed by the operations must be regraded to a similar shape and aspect as existed pre-mining and vegetated with diverse permanent species of plants that will stabilize the soil, prevent erosion, and support the intended post-mining use of the land. The bond posted for the permit will not be released for five years following completion of the mining operations, during which time the site will continue to be inspected and reclamation success evaluations will be performed by the BOM and the Maryland Land Reclamation Committee (LRC). The LRC is a group established by law comprised of government, industry, and private citizen representatives who, among other duties, are charged with

evaluating the success of reclamation on individual surface mine permits and without whose approval the bond cannot be released.

In addition, the Abandoned Mine Lands Division carries out the reclamation of pre-law areas mined prior to 1977 which were not adequately reclaimed. These reclamation activities improve the quality of the environment, increase the beneficial use of the land and water resources, and eliminate any dangers to public health and safety. Projects are selected from an inventory of documented sites developed by the Abandoned Mine Lands (AML) Division and approved by the Federal Office of Surface Mining.

### **SUCCESSSES/CHALLENGES**

The Mining Program met 100% of all legally-mandated inspection frequencies in FY 2017. State capital funds were used to assess the feasibility of Acid Mine Drainage (AMD) remediation in Matthew Run, measure quantity and quality of AMD discharges from three drainage tunnels, and assess AMD impacts in Jennings Run.

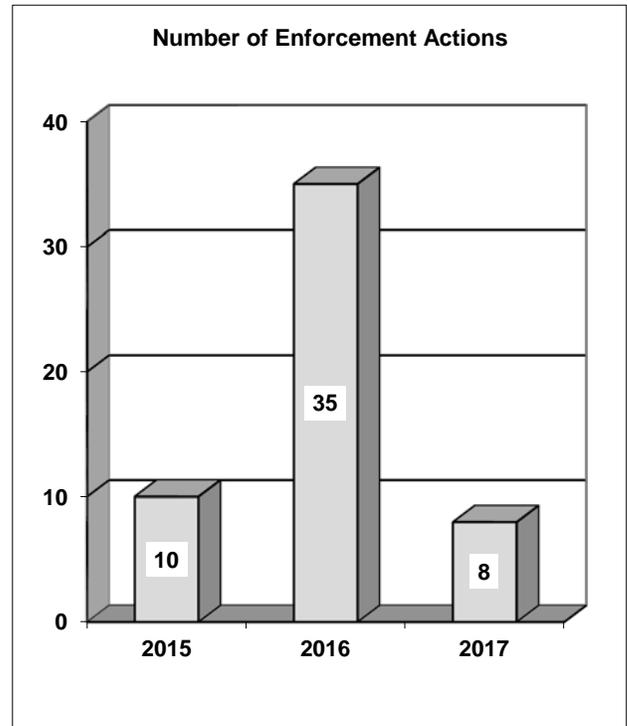
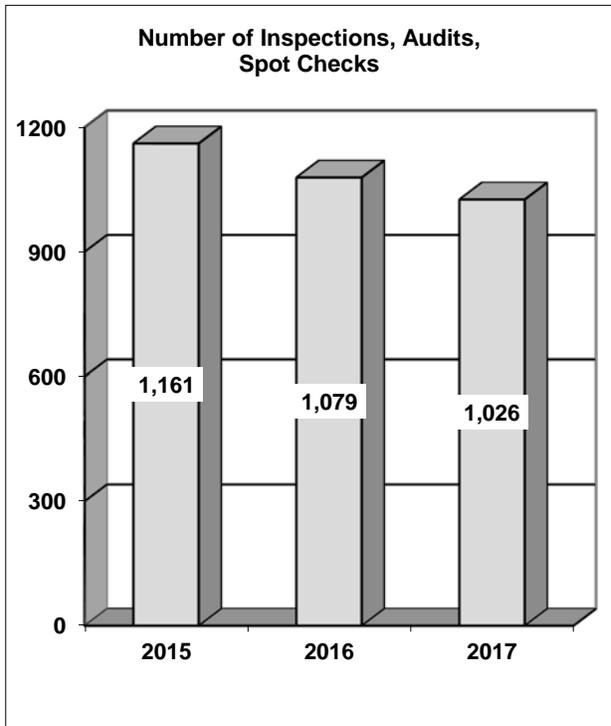
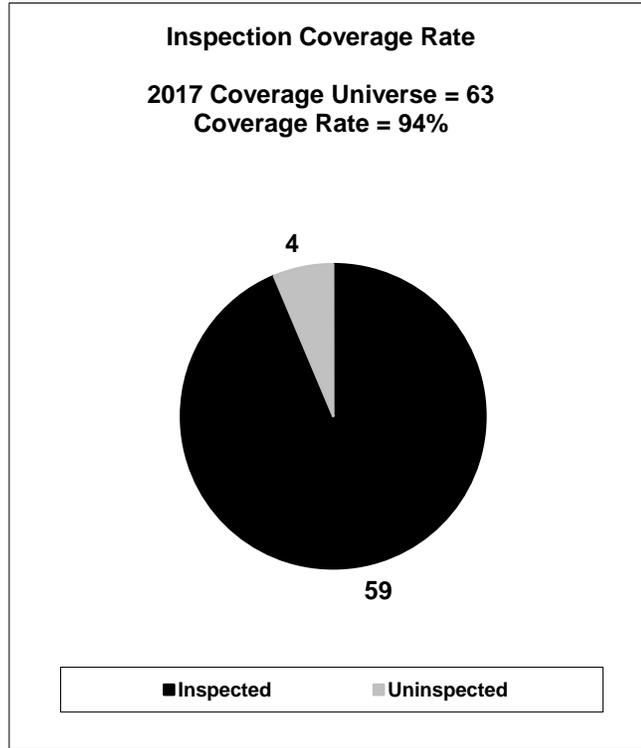
Using Federal Abandoned Mine funds provided by SMCRA and EPA, the AML completed projects that stabilized mine subsidence under a State road, stabilized two landslides impacting a county road and a railroad, repaired drainage infrastructure damaged by AMD, constructed several new AMD treatment systems, and performed operation and maintenance of fifty-three existing AMD treatment systems.

The BOM oversees the compliance of 58 inspectable units under Maryland's federally approved coal mining regulatory program. Reviewing, monitoring, and adjusting the reclamation liability of all active permitted mine sites to ensure that the posted bond is sufficient to fully reclaim the sites, should an operator vacate or forfeit a permit, is continuously being conducted by the BOM. Vindex Energy, one of the State's major permittees, recently emerged from bankruptcy and the BOM is continuing to monitor the company's sites to ensure that all necessary reclamation requirements are being fulfilled as the company winds down their operations in the State. A number of permittees have begun revising their reclamation plans to incorporate the newly formulated Undeveloped: Conservation Lands Alternative (CLA) reclamation guidelines. At the request of operators and landowners to enhance the wildlife habitat, the CLA was developed by the BOM in conjunction with the LRC to find a viable reclamation approach between undeveloped grasslands and forestlands.

## Mining – Coal

Performance Measure	TOTAL
<b>PERMITTED SITES/FACILITIES</b>	
Number of permits/licenses issued	14
Number of permits/licenses in effect at fiscal year end	53
Prospect and forfeiture sites	10
<b>OTHER REGULATED SITES/FACILITIES</b>	
Coal mining operator licenses issued	25
Coal mining operator licenses in effect at fiscal year end	25
Surface coal mining blaster certifications issued	11
Surface coal mining blaster certifications at fiscal year end	24
<b>INSPECTIONS</b>	
Number of sites inspected (“inspected” defined as at the site)	59
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	0
Number of sites evaluated for compliance (sum of the two measures above)	59
Number of inspections, spot checks (captures number of compliance activities at sites)	770
Number of audits (captures number of reviews of file/submittals for compliance)	256
Number of inspections, audits, spot checks (sum of the two measures above)	1,026
<b>COMPLIANCE PROFILE</b>	
Number of inspected sites/facilities with significant violations	7
Percentage of inspected sites/facilities with significant violations	12%
Inspection coverage rate (number of sites inspected/coverage universe)	94%
<b>SIGNIFICANT VIOLATIONS</b>	
Number of significant violations involving environmental or health impact	5
Number of significant violations based on technical/preventative deficiencies	3
Number of significant violations carried over awaiting disposition from previous fiscal year	17
Total number of significant violations (sum of the three measures above)	25
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>	
Resolved	23
Ongoing	2
<b>ENFORCEMENT ACTIONS</b>	
Number of compliance assistance rendered	142
	Administrative      Civil/Judicial      Total
Number of show cause, remedial, corrective actions issued	0                      0                      0
Number of stop work orders	0                      0                      0
Number of injunctions obtained	0                      0                      0
Number of penalty and other enforcement actions	8                      0                      8
Number of referrals to Attorney General for possible criminal action	0
<b>PENALTIES</b>	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$4,800

# Mining – Coal



# Mining – Non-Coal

## **PURPOSE**

The extraction of minerals is a basic and essential activity for the economic well being of the State and nation. This activity must be balanced against potential safety and environmental effects. The mining permit review evaluates possible impacts on surrounding properties, the local environment, and the public safety of the operation. Other impacts such as historical resources and habitat protection are reviewed as well. Each site is bonded to ensure compliance with the permit.

## **AUTHORITY**

STATE: Environment Article – Title 15, Subtitle 8; COMAR 26.21

## **PROCESS**

Upon issuance of a permit, the site is assigned an inspection frequency. This frequency can be adjusted at any time based on site conditions and workload. All water quality permits, wetland, waterway and sediment approvals are inspected as part of the mine permit inspection.

The Department does not have statutory authority to collect administrative penalties for non-coal mining permits but violations of other media associated with mining may be penalized as warranted. Mining laws do provide for civil and criminal penalties.

Improperly maintained environmental controls have the potential to degrade water quality through the transport of sediment-laden water from drainage and stormwater runoff, and can adversely impact the aquatic habitat. The program evaluates mining practices, reclamation, and stormwater management for compliance to ensure that adverse impacts to surface and groundwater are minimized.

## **SUCCESSSES/CHALLENGES**

The Department has worked closely with mine operators and surrounding communities to reduce the impacts of the mine sites to the communities. Mud tracking from mine sites onto community roadways continues to be a frequent issue that impacts communities. The Department has increased inspections at active sites and imposed penalties where problems have continued. Implementations of preventive measures have increased including installation of wheel washes have reduced impacts.

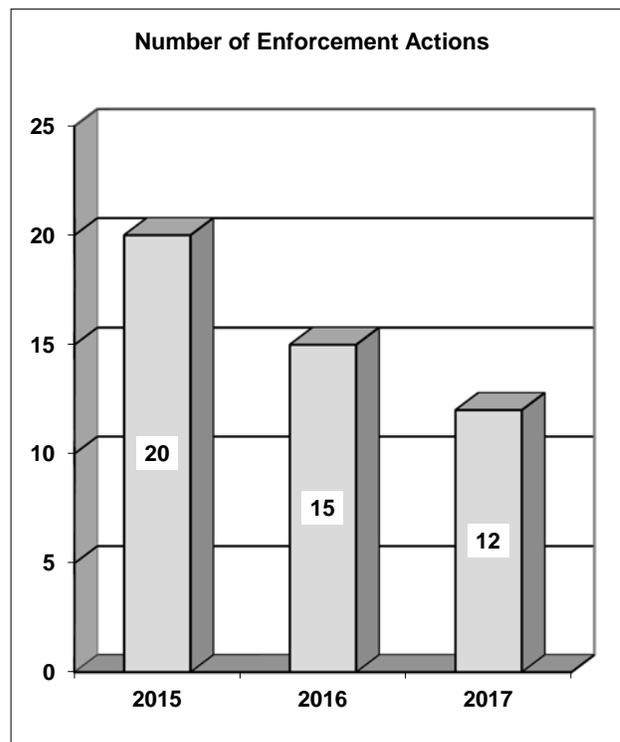
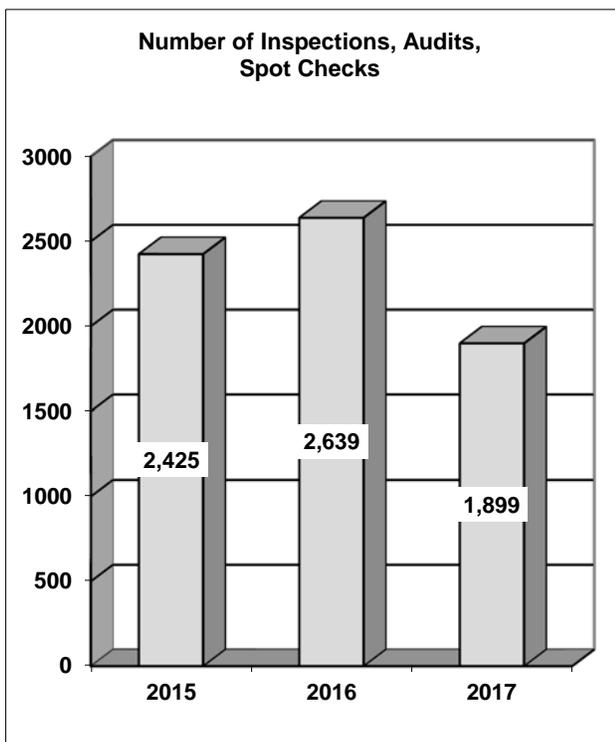
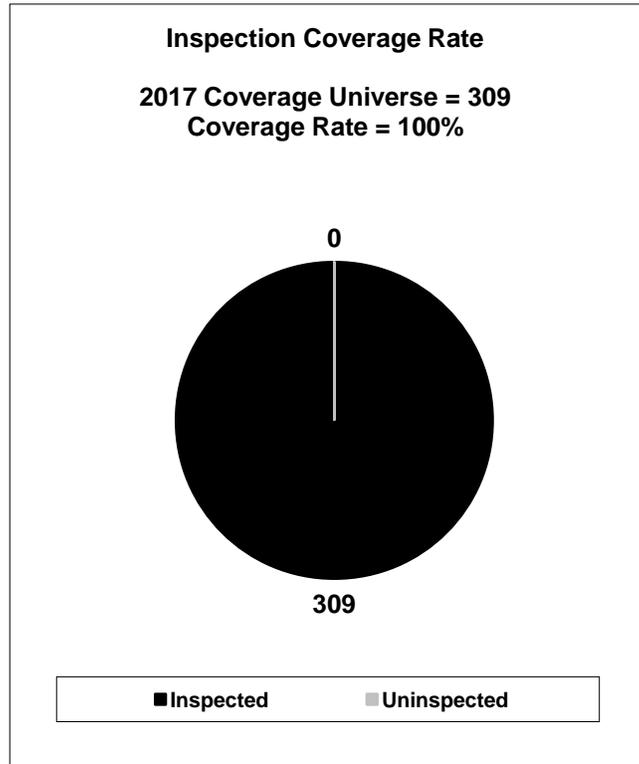
Another area of concern is blasting impacts on communities that have developed in areas proximate to quarry operations. The Department has met frequently with community leaders and has worked closely with quarry operators to reduce the impact of blasting. Changes in blast design, timing of shots, and more communication with impacted residents has helped to reduce the number of complaints from residents in areas with active quarries.

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# Mining – Non-Coal

Performance Measure	TOTAL
<b>PERMITTED SITES/FACILITIES</b>	
Number of permits/licenses issued	57
Number of permits/licenses in effect at fiscal year end	299
<b>OTHER REGULATED SITES/FACILITIES</b>	
Unpermitted Sites	10
<b>INSPECTIONS</b>	
Number of sites inspected (“inspected” defined as at the site)	309
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	0
Number of sites evaluated for compliance (sum of the two measures above)	286
Number of inspections, spot checks (captures number of compliance activities at sites)	459
Number of audits (captures number of reviews of file/submittals for compliance)	1,440
Number of inspections, audits, spot checks (sum of the two measures above)	1,899
<b>COMPLIANCE PROFILE</b>	
Number of inspected sites/facilities with significant violations	14
Percentage of inspected sites/facilities with significant violations	4%
Inspection coverage rate (number of sites inspected/coverage universe)	100%
<b>SIGNIFICANT VIOLATIONS</b>	
Number of significant violations involving environmental or health impact	8
Number of significant violations based on technical/preventative deficiencies	7
Number of significant violations carried over awaiting disposition from previous fiscal year	1
Total number of significant violations (sum of the three measures above)	16
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>	
Resolved	15
Ongoing	1
<b>ENFORCEMENT ACTIONS</b>	
Number of compliance assistance rendered	0
	Administrative      Civil/Judicial      Total
Number of show cause, remedial, corrective actions issued	2                      0                      2
Number of stop work orders	0                      0                      0
Number of injunctions obtained	0                      0                      0
Number of penalty and other enforcement actions	10                      0                      10
Number of referrals to Attorney General for possible criminal action	0
<b>PENALTIES</b>	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$32,500

# Mining – Non-Coal



# Oil and Gas Exploration and Production

## **PURPOSE**

In the State of Maryland, drilling and operations of gas or oil wells, operations of a natural gas storage facilities and oil and natural gas exploration using seismic operations require a permit. Permits include environmental controls to ensure public safety, provide protection of public and private property, and minimize the impacts resulting from the operation.

## **AUTHORITY**

STATE: Environment Article - Title 14, Subtitles 1, 2 and 3; COMAR 26.19.

## **PROCESS**

Sites are assigned an inspection frequency during issuance of a permit, license, or authorization. Routine inspections of the facilities are scheduled in accordance with the assigned priorities and may be adjusted to reflect changes in workloads or inspection priorities. The inspector assesses compliance with permit conditions and determines if corrective action may be required. During active drilling operations, the frequency of inspection is higher compared to when a well is completed.

## **SUCCESSES/CHALLENGES**

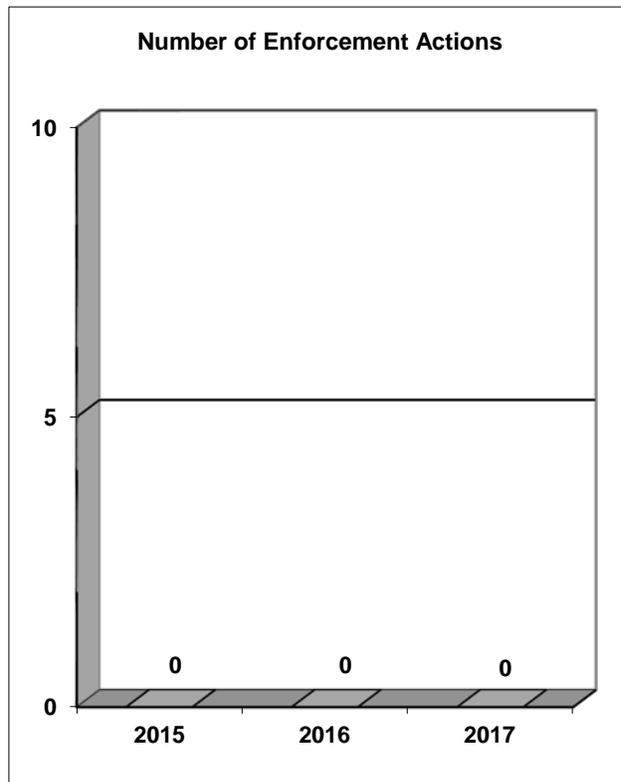
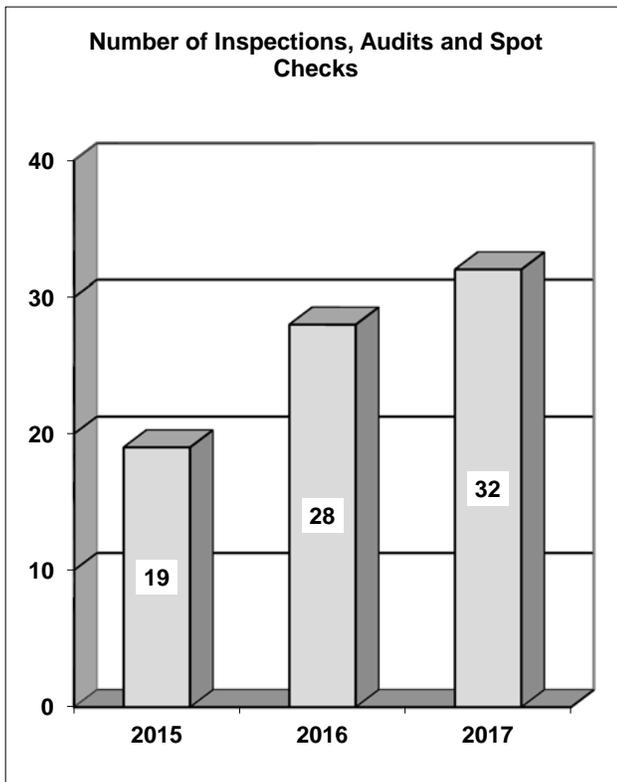
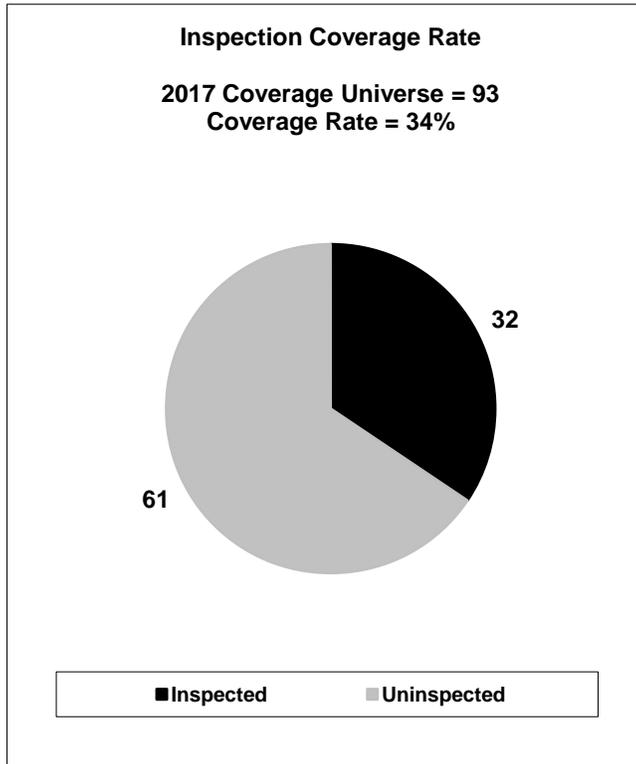
In FY 2017, there were no new applications for drilling and operating permits. During the 2017 General Assembly, legislation passed and was signed by the Governor that prohibits any hydro-fracking in the State of Maryland for the purpose of gas or oil production. Drafting of regulations that were previously proposed will not be completed. Existing storage wells will continue to be in use and will be inspected for structural integrity, environmental impacts, and public safety.

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# Oil and Gas Exploration and Production

Performance Measure	TOTAL																								
<b>PERMITTED SITES/FACILITIES</b>																									
Number of permits/licenses issued	23																								
Number of permits/licenses in effect at fiscal year end	93																								
<b>INSPECTIONS</b>																									
Number of sites inspected ("inspected" defined as at the site)	32																								
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	0																								
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Number of audits (captures number of reviews of file/submittals for compliance)	0																								
Number of inspections, audits, spot checks (sum of the two measures above)	32																								
<b>COMPLIANCE PROFILE</b>																									
Number of inspected sites/facilities with significant violations	0																								
Percentage of inspected sites/facilities with significant violations	0%																								
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Number of referrals to Attorney General for possible criminal action			0																						
<b>PENALTIES</b>																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0																								

# Oil and Gas Exploration and Production



# Electronics Recycling

## **PURPOSE**

The Maryland Statewide Electronics Recycling Program (MSERP) regulates the manufacturers and retailers of Covered Electronic Devices (CEDs). A CED is a computer or video display device with a screen that is greater than 4 inches measured diagonally. This includes computers, computer monitors, televisions, portable DVD players, cell phones, tablets, etc. A CED does not include a video display device that is part of a motor vehicle or that is contained within a household appliance or commercial, industrial, or medical equipment. Manufacturers of CEDs that intend to sell these devices in Maryland are required to register with the Maryland Department of the Environment and pay a registration fee. The fee, which is paid annually, is based on the number of CEDs the manufacturer sold in Maryland during the previous year, as well as whether the manufacturer has a Department approved CED takeback program. To qualify, the takeback program must meet certain requirements, such as provision of a free method for consumers to return the manufacturer's CEDs for recycling and a method for consumers to remove personal data from CEDs prior to return for recycling (if applicable). Both manufacturers and retailers are prohibited from selling or offering for sale CEDs in the State unless the manufacturer of those CEDs is registered with the Department.

## **AUTHORITY**

STATE: Environment Article, Title 9, Subtitle 17.

## **PROCESS**

Each manufacturer of a qualifying CED must complete and submit a registration form with the proper accompanying registration fee to the Department by the annual submission deadline of March 1<sup>st</sup>. The Department tracks registrations and payments submitted by manufacturers of CEDs. The annual registration is valid until the last day of February of the following year (e.g., registrations due March 1, 2017 are valid until February 28, 2018).

The annual registration fee is determined based upon the number of CEDs sold by a manufacturer in Maryland the previous year (e.g., the 2017 registration fee is based upon 2016 sales data) and whether or not the manufacturer has a Department approved CED takeback program. Industry sales data, purchased by the Department, is used to verify the quantity of CEDs sold and reported to the Department by each manufacturer via the annual registration form. The Department also reviews and approves or denies manufacturer takeback programs.

A list of registered manufacturers is generated and posted on the Department's website. The listings for manufacturers with an approved takeback program are hyperlinked and/or are accompanied with a toll-free phone number to be used by customers to obtain details on a manufacturer's takeback program.

The Department inspects CED manufacturer web pages, brick-and-mortar stores, and web based retailers to determine manufacturer compliance with the MSERP.

## **SUCSESSES/CHALLENGES**

Manufacturers who sold unregistered CEDs in Maryland, which were discovered through retailer inspections, registered their brands after being notified by a retailer. In FY 2017, 88% of manufacturers registered by the March deadline. This shows the continued effectiveness of the registration process in conjunction with the retailers' inspections. In FY 2017, the Department renewed the purchase of national electronic manufacturer sales information which allows a faster and more accurate review of manufacturer registration forms and verification of fees owed.

Because manufacturer registrations are issued throughout the year and a fiscal year (July – June) spans two registration years (March – February), the number of registrations issued during a fiscal year may vary from the number that are in effect at the end of that fiscal year. This explains why 136 annual registrations were issued during FY 2017 and only 109 were in effect as of the end of that fiscal year.

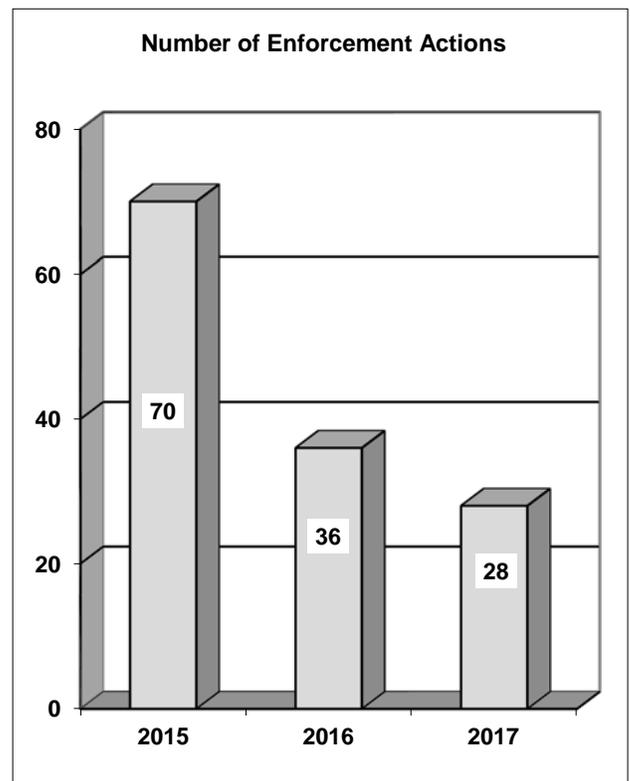
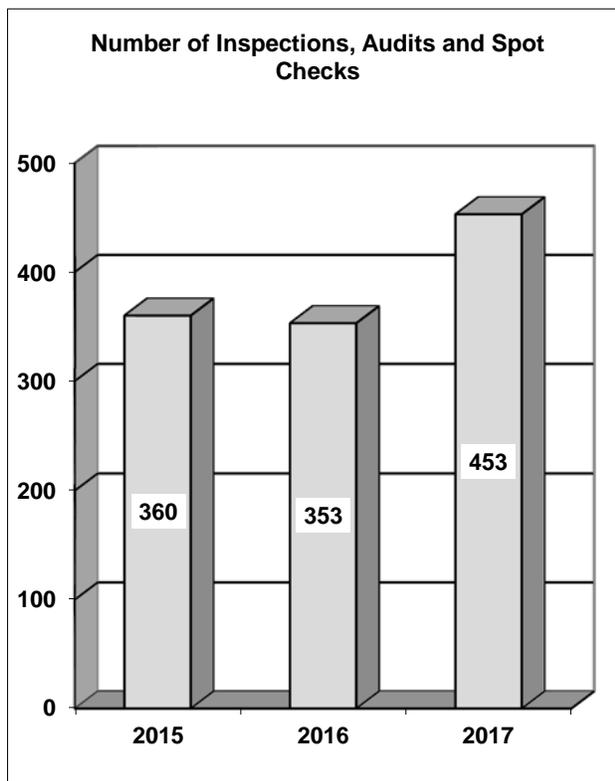
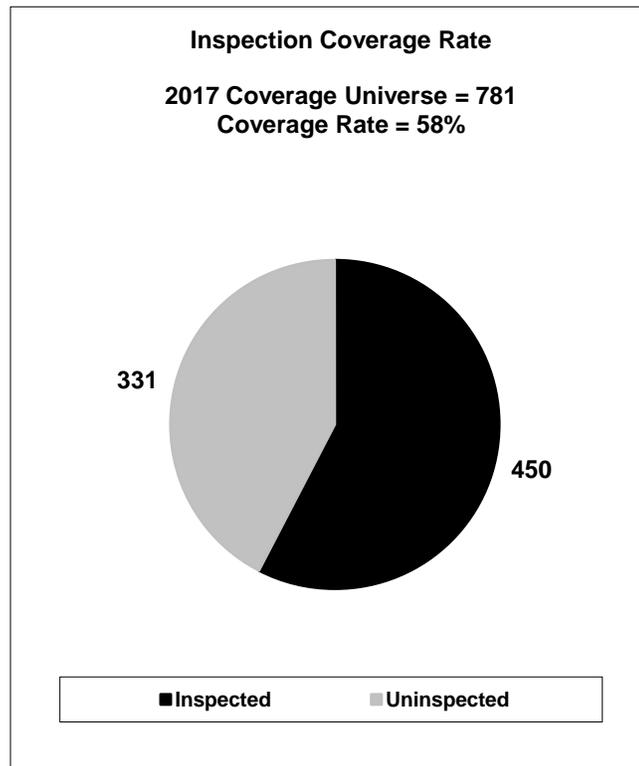
All brick-and-mortar electronic retailers were in compliance with the MSERP at the end of FY 2017. The Department inspected 450 sites in FY 2017, a significant increase from 347 in FY 2016.

# Electronics Recycling

Performance Measure	TOTAL																								
<b>PERMITTED SITES/FACILITIES</b>																									
Number of registrations issued	136																								
Number of registrations in effect at fiscal year end	109																								
<b>OTHER REGULATED SITES/FACILITIES</b>																									
Number of retail sites*	781																								
<b>INSPECTIONS</b>																									
Number of sites inspected ("inspected" defined as at the site)	450																								
Number of sites receiving off-site audits and record reviews, but not inspected	0																								
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Number of significant violations based on technical/preventative deficiencies	0																								
Number of significant violations carried over awaiting disposition from previous fiscal year	0																								
Total number of significant violations (sum of the three measures above)	0																								
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>																									
Resolved	0																								
Ongoing	0																								
<b>ENFORCEMENT ACTIONS</b>																									
Number of compliance assistance rendered	3																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">Administrative</th> <th style="width: 25%;">Civil/Judicial</th> <th style="width: 10%;">Total</th> </tr> </thead> <tbody> <tr> <td>Number of show cause, remedial, corrective actions issued</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of stop work orders</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of injunctions obtained</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of penalty and other enforcement actions</td> <td style="text-align: center;">28</td> <td style="text-align: center;">0</td> <td style="text-align: center;">28</td> </tr> <tr> <td>Number of referrals to Attorney General for possible criminal action</td> <td colspan="2"></td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		Administrative	Civil/Judicial	Total	Number of show cause, remedial, corrective actions issued	0	0	0	Number of stop work orders	0	0	0	Number of injunctions obtained	0	0	0	Number of penalty and other enforcement actions	28	0	28	Number of referrals to Attorney General for possible criminal action			0
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<b>PENALTIES</b>																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0																								

\* The number of retail sites is used to calculate the universe.

# Electronics Recycling



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# **WATER AND SCIENCE ADMINISTRATION**

# Water and Science Administration

## Executive Summary

The Water and Science Administration (WSA) has compliance and enforcement responsibilities for the water quality and resource conservation programs that follow in this report. The Compliance Program is responsible for compliance associated with state groundwater discharges, federal and state surface water discharges, pretreatment, erosion and sediment control for construction activity, waterway construction, and tidal and non-tidal wetlands. The Water Supply Program (WSP) is responsible for public drinking water and water appropriation and use permit compliance, and the Sediment, Stormwater and Dam Safety Program (SSDSP) is responsible for dam safety compliance.

WSA's Compliance Program inspects sites for compliance with numerous laws, regulations and permits or other authorizations addressing wastewater discharges, surface water and groundwater pollution, stormwater discharges and erosion and sediment control, tidal and nontidal wetlands, and waterway construction. As a result, many of the enforcement cases may address numerous categories of violations and injunctive relief.

WSA's Compliance Program continues to prioritize inspections to ensure compliance with environmental laws. All people holding general permits for stormwater associated with construction activities are required to inspect their sites for erosion and sediment controls weekly and after every major storm event. Thirteen county governments and 10 municipalities are delegated erosion and sediment control enforcement authority for these projects and perform inspections of projects in their jurisdictions. In 2013, the Compliance Program revised its erosion and sediment control inspection priorities to focus on large construction sites. Larger sites take longer to inspect and may hold multiple Agency permits, which may translate to fewer sites visited, but their environmental impact when in noncompliance can be much greater than small sites.

The Sediment, Stormwater, and Dam Safety Program (SSDSP) is responsible for reviewing and approving erosion and sediment control and stormwater management plans for State and federal construction projects and has seen an increase in best management practice (BMP) retrofit project submissions in the last year. Over the course of the last year, SSDSP completed the transfer of sediment control and stormwater management plan review and approval authority to the State Highway Administration (SHA) and the Maryland Transit Administration (MTA). Currently, all new construction projects undertaken by these agencies will be reviewed and approved by SHA and MTA. This will allow SSDS staff to concentrate on new development projects from all other State and federal agencies.

SSDSP is also responsible for administering Maryland's Dam Safety Program. This involves issuing permits and inspecting new dam construction and maintenance and repair of existing structures. The State's current inventory contains 572 dams, 66 of which are breached and not inspected on a regular basis. A total of 665 permits have been issued for Maryland's inventory. This amount includes the number of new dams built and the total number of maintenance and repair permits issued. In past years, a significant compliance concern for the SSDSP is that many of Maryland's high and significant hazard dams lacked current Emergency Action Plans (EAPs), which are critical for storm preparedness and

public safety. In May 2017, the State enacted new legislation requiring that owners of High and Significant hazard dams must submit updated EAPs by May 1<sup>st</sup> of each year.

The Dam Safety Division (DSD) receives requests for technical expertise regarding small embankment facilities. The addition of two engineers in FY 2017 to the DSD was instrumental in addressing this issue. The DSD continues to engage the soil conservation districts and local county stormwater management officials. The DSD will continue these efforts in the future.

The mission of the Water Supply Program (WSP) is accomplished through planning and permitting for water withdrawal, protection of water sources that are used for public water supplies, oversight and enforcement of routine water quality monitoring at public water systems, regular on-site inspections of public water systems, review of design plans for new or upgraded water treatment, and prompt response to water supply emergencies.

In FY 2017, Maryland continued implementation and enforcement of the Safe Drinking Water Act (SDWA) for all public water systems (PWS) in Maryland in accordance with the most recent primacy MDE has received. To assist PWS with meeting the compliance requirements of the rules, WSP provided training and on-site technical assistance throughout the State. It is expected that even with the additional assistance from the WSP, the systems with limited resources will encounter challenges in the implementation of the most recent regulations in the first couple of years after the rules become effective; this is generally seen as an increase in the number of technical violations. During this period, the compliance rate for PWSs in Maryland improved in comparison to the previous year.

WSP recorded almost 39,000 additional audits of reports submitted by drinking water systems. This is more than double the number of audits performed in past years. The migration of data to the Safe Drinking Water Information System-State (SDWIS-State) was completed in late FY 2016. The new database is designed to capture more of the compliance data that are submitted to MDE by the public water systems and allows the auditing of this additional data.

For FY 2017, the program heightened its concerns about lead in drinking water as a result of the problems in Flint, Michigan, legionella outbreaks in hospitals and preventative measures to avoid Legionella outbreaks, monitoring schools for lead (FY2017 House Bill 270), and emerging contaminants such as perfluorinated compounds (PFOS and PFOA).

During FY 2017, WSP worked with permittees with Water Appropriation and Use Permits to bring them into compliance. Larger public water systems conduct water audits and submit water loss plans to reduce unaccounted for water. Reviews of the audits showed that many systems need to devote additional resources into reducing the amount of unaccounted-for water. Notices of Violation were sent to permit holders with outstanding reporting requirements, expired permits, and those who used water in excess of their permitted allocation.

**Water and Science Administration  
Performance Measures Executive Summary**

	<u>2016 Totals</u>	<u>2017 Totals</u>
<u>PERMITTED SITES/FACILITIES</u>		
Number of Permits/Licenses Issued	4,257	4,175
Number of Permits/Licenses in Effect at Fiscal Year End	26,950	24,548
<u>OTHER REGULATED SITES/FACILITIES</u>		
Other Sites	3,602	3,583
<u>INSPECTIONS</u>		
Number of Sites Inspected	4,630	5,563
Number of Sites Audited but Not Inspected	3,200	3,353
Number of Inspections, Audits, Spot Checks	46,569	89,417
<u>ENFORCEMENT ACTIONS</u>		
Number of Compliance Assistance Rendered	8,308	7,711
Number of Enforcement Actions Taken*	1,432	771
<u>PENALTIES</u>		
Amount of Administrative or Civil Penalties Obtained	\$1,176,876	\$1,652,682

\* Calculated as the sum of all enforcement actions for each program as listed in the chart for each program.

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# Discharges – Groundwater (Municipal & Industrial)

## PURPOSE

Excessive nutrients, bacteria, and industrial pollutants in wastewater have the potential to impact the quality of groundwater. The groundwater discharge permitting process provides a means of managing these impacts through monitoring, inspection and enforcement. The Wastewater Permits Program issues groundwater discharge permits to control the disposal of treated municipal or industrial wastewater into the State's groundwater via spray irrigation or other land-treatment methods such as subsurface discharge. Upon permit issuance, the Compliance Program is responsible for inspections and compliance assurance. Groundwater discharge permits establish pollutant discharge limits and require the permit holder to meet self-monitoring, record-keeping, and reporting requirements to protect public health and minimize groundwater pollution.

## AUTHORITY

STATE: Environment Article, Title 9, Subtitle 3; COMAR 26.08

## PROCESS

The Compliance Program performs inspections of sites with groundwater discharge permits as part of its overall inspection priority scheme, with priority given to sites that are the subject of complaints or are in violation based on failure to perform required self-monitoring and reporting, or due to violations of the effluent limitations in the permit. The inspector may conduct unannounced inspections and may collect samples for independent laboratory analysis as necessary to verify compliance with permit limits. Self-monitoring results are filed at the frequency specified by the permit (usually monthly or quarterly) in the form of Discharge Monitoring Reports (DMRs). DMRs are reviewed in the office, including queries of electronic data in the Integrated Compliance Information System to identify violations, and during inspections at the facilities in order to determine whether the facility is in compliance with applicable requirements. DMR reviews are shown in the following table on the line identified as "Inspections, Audits, Spot Checks." DMR reviews are not included in the determination of the inspection coverage rate.

## SUCCESSSES/CHALLENGES

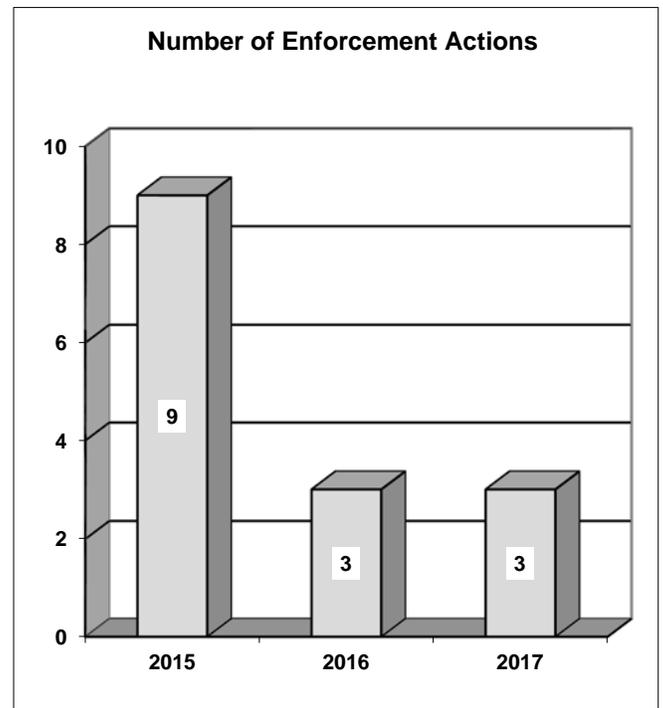
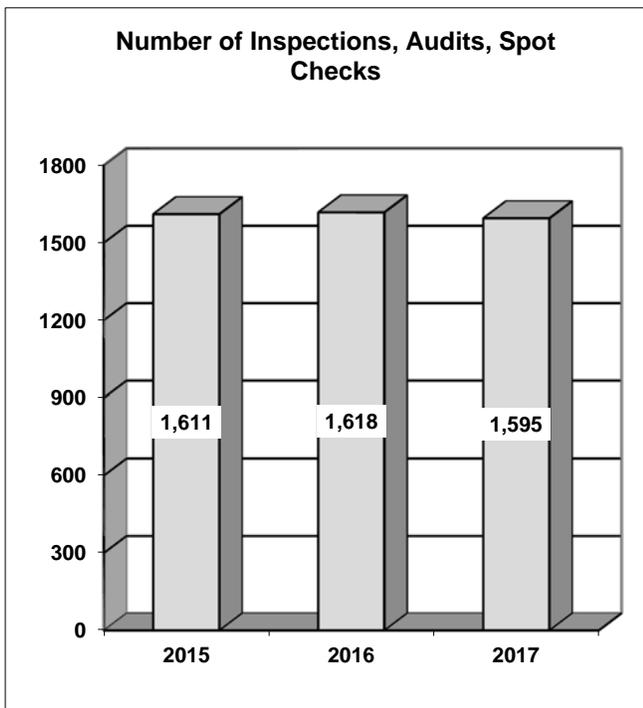
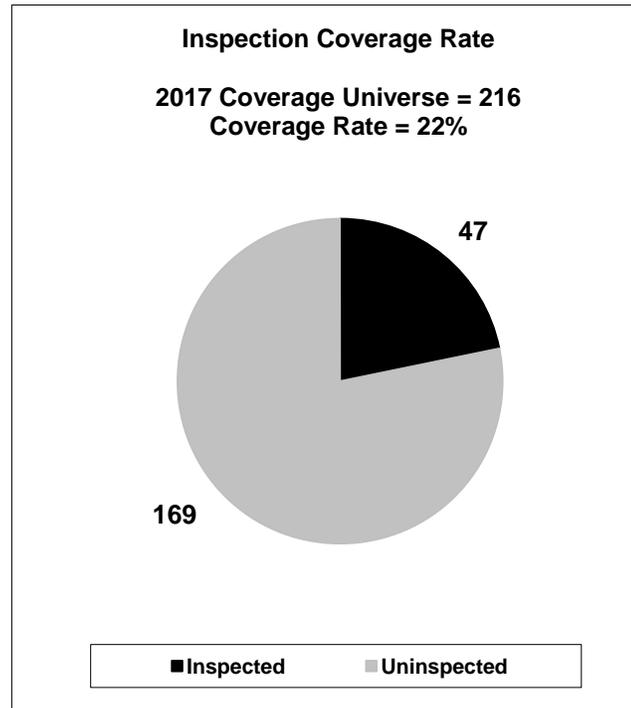
WSA continues to investigate and pursue enforcement cases to address groundwater pollution. WSA works with the Attorney General's Office on enforcement cases to address groundwater pollution concerns.

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## Discharges – Groundwater (Municipal and Industrial)

Performance Measure			TOTAL
<b>PERMITTED SITES/FACILITIES</b>			
Number of permits/licenses issued			52
Number of permits/licenses in effect at fiscal year end			216
<b>INSPECTIONS</b>			
Number of sites inspected (“inspected” defined as at the site)			47
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)			106
Number of sites evaluated for compliance (sum of the two measures above)			153
Number of inspections, spot checks (captures number of compliance activities at sites)			84
Number of audits (captures number of reviews of file/submittals for compliance)			1,511
Number of inspections, audits, spot checks (sum of the two measures above)			1,595
<b>COMPLIANCE PROFILE</b>			
Number of inspected sites/facilities with significant violations			2
Percentage of inspected sites/facilities with significant violations			4%
Inspection coverage rate (number of sites inspected/coverage universe)			22%
<b>SIGNIFICANT VIOLATIONS</b>			
Number of significant violations involving environmental or health impact			0
Number of significant violations based on technical/preventative deficiencies			2
Number of significant violations carried over awaiting disposition from previous fiscal year			15
Total number of significant violations (sum of the three measures above)			17
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>			
Resolved			7
Ongoing			10
<b>ENFORCEMENT ACTIONS</b>			
Number of compliance assistance rendered			1
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	2	0	2
Number of stop work orders	0	0	0
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	1	0	1
Number of referrals to Attorney General for possible criminal action			0
<b>PENALTIES</b>			
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$15,170

# Discharges – Groundwater (Municipal and Industrial)



# **Discharges - Surface Water (Municipal & Industrial) State and NPDES Permits**

## **PURPOSE**

The federal Clean Water Act's National Pollutant Discharge Elimination System (NPDES) Program controls water pollution generated from a wide variety of sources including industrial activities, sewage treatment plants, certain agricultural activities and stormwater runoff from industrial, municipal and agricultural sources. All industrial, commercial or institutional facilities that discharge wastewater, including stormwater from certain industrial facilities, directly to surface waters of Maryland need a permit. Permit holders include local, state, and federal government agencies, as well as privately-owned treatment systems.

The NPDES permit system includes a stormwater component to control pollution generated from runoff associated with certain industrial sites, municipal storm sewer systems, construction activities, and concentrated animal feeding operations. Eleven categories of industry, and storm sewer systems operated by certain government agencies, are required under the Clean Water Act to have their stormwater discharges covered under an NPDES permit. For any construction activity that disturbs one or more acres, coverage must be obtained under MDE's general and individual NPDES permits for construction activity. These permits require developers to perform self-inspection and record keeping to ensure that sediment and erosion control measures are maintained and functioning in accordance with approved plans to prevent water pollution and stream bank erosion caused by excess erosion, siltation, and stormwater flows from construction sites.

Surface water discharge permits may combine all applicable State and NPDES requirements into one permit for facilities that discharge to State surface waters. The permit is designed to protect water quality in the water receiving the discharge.

## **AUTHORITY**

FEDERAL: Clean Water Act

STATE: Environment Article, Title 9, Subtitle 3; COMAR 26.08

## **PROCESS**

The Compliance Program performs inspections of sites with surface water discharge permits as part of its overall inspection priority scheme, with priority given to sites that are the subject of complaints or in violation based on failure to perform permit required self-monitoring and reporting or due to violations of the effluent limitations in the permit. The inspector may conduct unannounced inspections and may collect samples for independent laboratory analysis as necessary to verify compliance with permit limits. Self-monitoring results are filed at the frequency specified by the permit (usually monthly or quarterly) in the form of Discharge Monitoring Reports (DMRs). During FY 2017 EPA regulations that require all DMRs to be submitted by the regulated entities via an electronic system took effect. Maryland uses the NetDMR system for this purpose, and the DMRs permittees submit through NetDMR are passed electronically to EPA's Integrated Compliance Information System database (ICIS). DMRs are reviewed in the office, including queries of ICIS to identify violations, and during inspections at the facilities in order to determine whether the criteria for "Significant Noncompliance" have been met. DMR reviews performed by the Compliance Program's Enforcement Division are included in the following

Table on the line identified as “Inspections, Audits, Spot Checks.” DMRs were reviewed for all permitted sites that require DMR submittals as a part of their permit.

### **SUCSESSES/CHALLENGES**

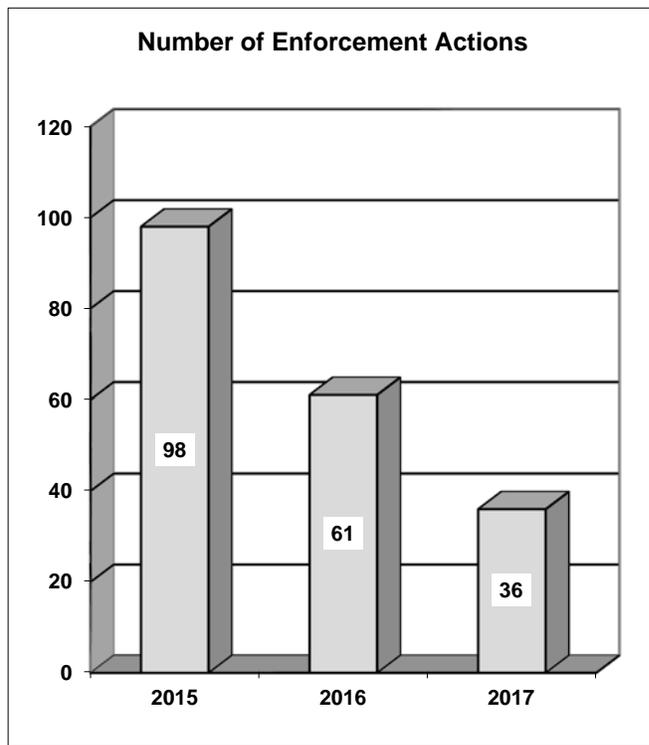
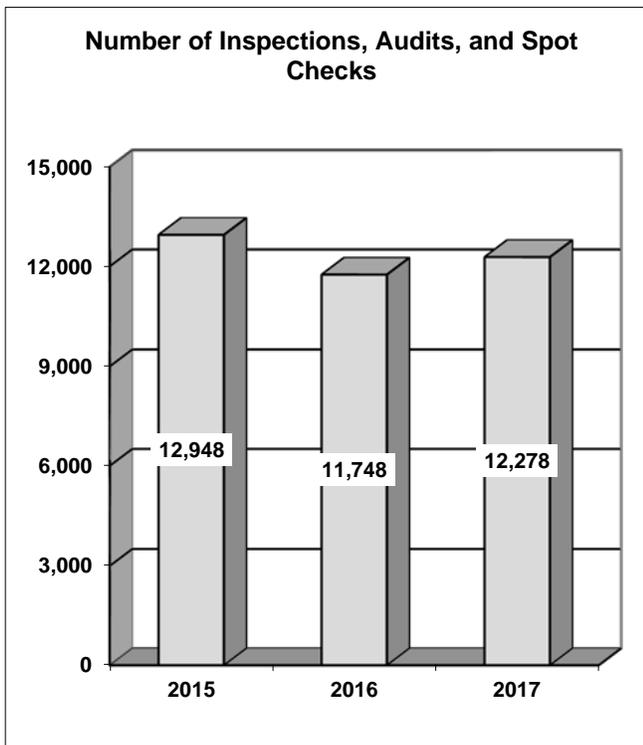
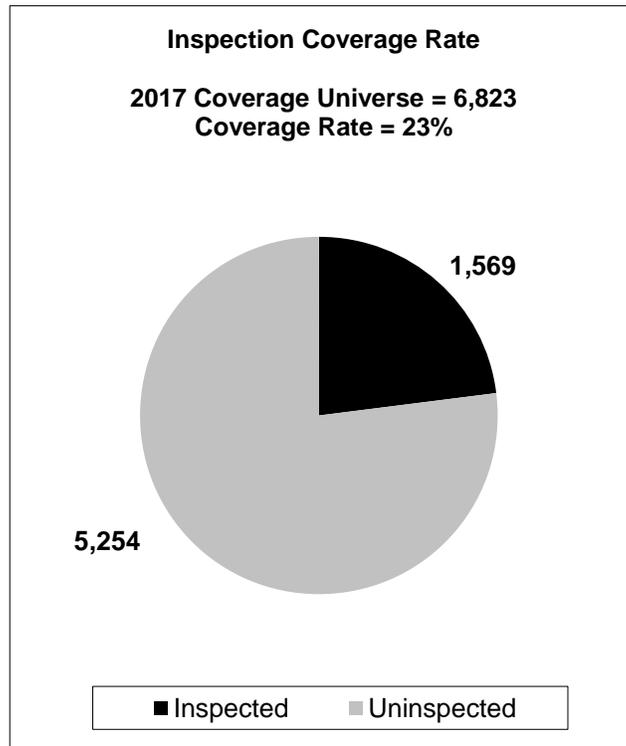
The Compliance Program inspects sites to check for compliance with numerous laws, regulations and permits or other authorizations addressing wastewater discharges, surface water and groundwater pollution, stormwater discharges and erosion and sediment control, tidal and nontidal wetlands and waterway construction, so many of the enforcement cases address numerous categories of violations and injunctive relief.

## Discharges – Surface Water (Municipal and Industrial) State and NPDES Permits

Performance Measure			TOTAL
<b>PERMITTED SITES/FACILITIES</b>			
Number of permits/licenses issued*			1,317
Number of permits/licenses in effect at fiscal year end			6,823
<b>INSPECTIONS</b>			
Number of sites inspected (“inspected” defined as at the site)			1,569
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)			1,002
Number of sites evaluated for compliance (sum of the two measures above)			2,571
Number of inspections, spot checks (captures number of compliance activities at sites)			3,794
Number of audits (captures number of reviews of file/submittals for compliance)			8,484
Number of inspections, audits, spot checks (sum of the two measures above)			12,278
<b>COMPLIANCE PROFILE</b>			
Number of inspected sites/facilities with significant violations			16
Percentage of inspected sites/facilities with significant violations			1%
Inspection coverage rate (number of sites inspected/coverage universe)			23%
<b>SIGNIFICANT VIOLATIONS</b>			
Number of significant violations involving environmental or health impact			33
Number of significant violations based on technical/preventative deficiencies			2
Number of significant violations carried over awaiting disposition from previous fiscal year			129
Total number of significant violations (sum of the three measures above)			164
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>			
Resolved			67
Ongoing			97
<b>ENFORCEMENT ACTIONS</b>			
Number of compliance assistance rendered			323
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	7	1	8
Number of stop work orders	0	0	0
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	27	1	28
Number of referrals to Attorney General for possible criminal action			0
<b>PENALTIES</b>			
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$1,532,625

\* This number includes new permits, renewals, and conversions/modifications of permits.

# Discharges – Surface Water (Municipal & Industrial) State and NPDES Permits



# Discharges – Pretreatment (Industrial)

## PURPOSE

The Pretreatment Program is responsible for regulating wastewaters from industrial and other non-domestic sources discharged into publicly-owned treatment works (POTW). The Pretreatment Program seeks to prevent the discharge of toxic or corrosive discharges to the collection systems serving POTWs that may result in process upsets and failure of critical infrastructure. In accordance with its authority as delegated by EPA, MDE oversees 20 local pretreatment programs that are responsible for 180 industrial sources. In addition, pretreatment permits are issued directly to five industries discharging to non-delegated POTWs. Local pretreatment program responsibilities include issuing discharge permits to industrial users, conducting industrial inspections and performing compliance monitoring, developing and enforcing local limits, enforcing federal pretreatment standards, and assessing penalties against industrial users. These requirements are included in a delegation agreement, which is signed by the operator of the POTW and WSA, and incorporated by reference into the NPDES permit issued by WSA. Local governments are responsible for issuing penalties and enforcement actions associated with this program; therefore, those numbers are not reflected in WSA's enforcement statistics.

## AUTHORITY

FEDERAL: Clean Water Act

STATE: Environment Article, Title 9, Subtitle 3; COMAR 26.08

## PROCESS

The Pretreatment Program oversees local pretreatment program implementation. This oversight is performed by the permitting program staff by conducting pretreatment compliance inspections of pretreatment programs; audits of pretreatment programs; joint review of industrial user permits; independent and joint industrial inspections with the POTW; review of quarterly status reports from the delegated POTWs; and initiation of enforcement actions when the POTW fails to act in accordance with its delegated responsibilities. The Pretreatment Program also issues permits to categorical industrial users discharging to wastewater treatment plants in areas of the state without delegated pretreatment programs. Compliance of these industrial users is tracked by review of periodic compliance reports and the results of annual inspections.

WSA oversees delegated pretreatment programs and takes enforcement action when needed to support the proper treatment of industrial discharges to wastewater collection and treatment systems to prevent damage to the treatment processes or infrastructure and pass through of pollutants to waters of the State.

The Pretreatment Program currently issues permits to categorical industrial users located in areas not serviced by jurisdictions with delegated pretreatment programs. In addition it provides oversight to 20 delegated pretreatment programs with technical and regulatory assistance. The Pretreatment Program also performs inspections at several industrial users that are permitted by local delegated pretreatment programs. The inspection coverage rate includes these industrial users as well as the entities directly permitted by WSA.

## **SUCSESSES/CHALLENGES**

The Program is responsible for inspecting the permittees, the POTWs and only some of the industrial users permitted by the delegated POTWs. The Program is required by statute to provide a 100% coverage rate of those facilities. In FY 2017, the program successfully met that requirement.

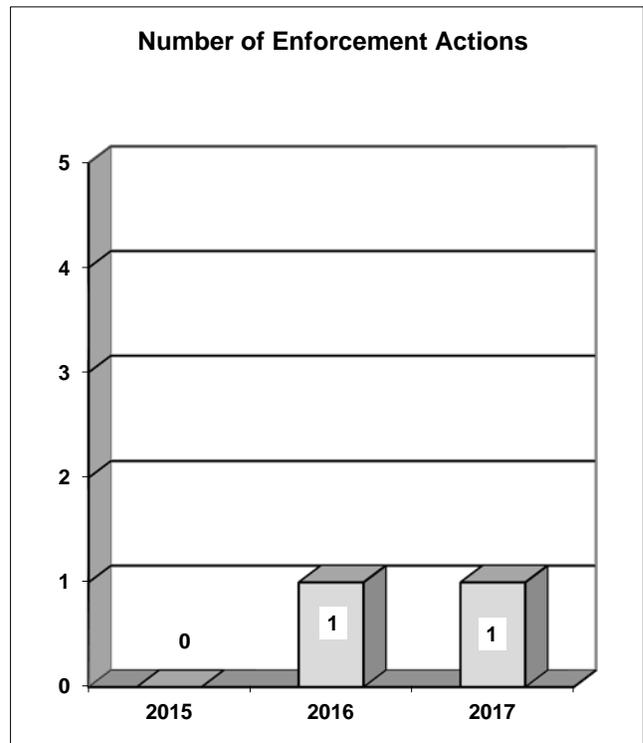
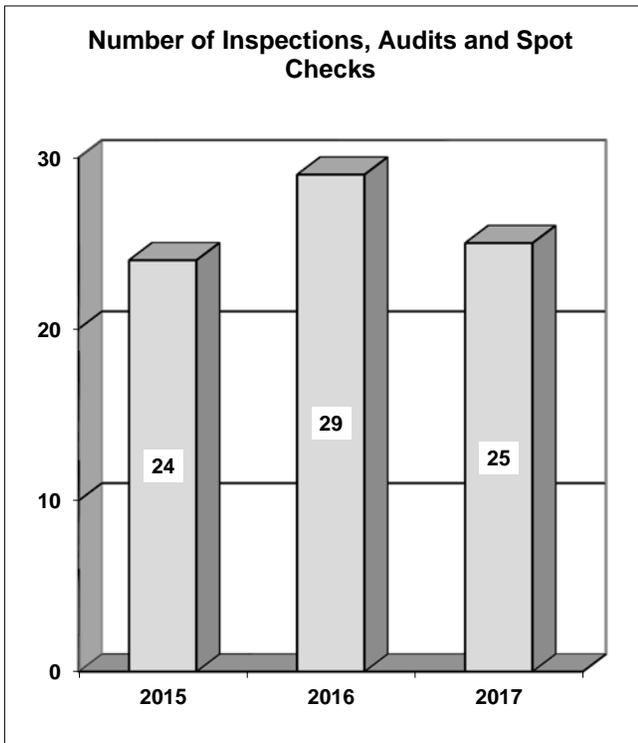
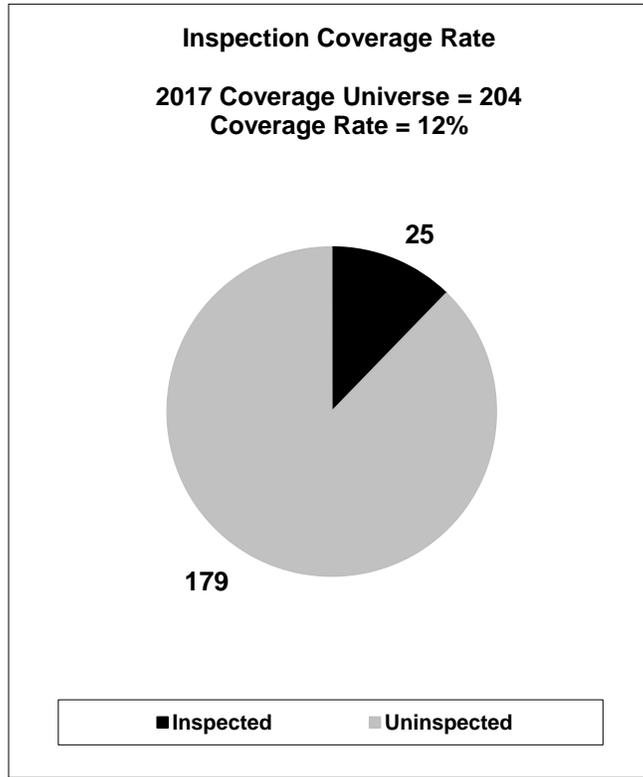
## Discharges – Pretreatment (Industrial)

Performance Measure	TOTAL
<b>PERMITTED SITES/FACILITIES</b>	
Number of permits/licenses issued	1
Number of permits/licenses in effect at fiscal year end *	4
<b>OTHER REGULATED SITES/FACILITIES</b>	
POTWs	20
POTW issued permits (delegated programs)	180
<b>INSPECTIONS</b>	
Number of sites inspected (“inspected” defined as at the site)	25
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	0
Number of sites evaluated for compliance (sum of the two measures above)	25
Number of inspections, spot checks (captures number of compliance activities at sites)	25
Number of audits (captures number of reviews of file/submittals for compliance)	0
Number of inspections, audits, spot checks (sum of the two measures above)	25
<b>COMPLIANCE PROFILE</b>	
Number of inspected sites/facilities with significant violations	1
Percentage of inspected sites/facilities with significant violations	4%
Inspection coverage rate (number of sites inspected/coverage universe) **	12%
<b>SIGNIFICANT VIOLATIONS</b>	
Number of significant violations involving environmental or health impact	0
Number of significant violations based on technical/preventative deficiencies	1
Number of significant violations carried over awaiting disposition from previous fiscal year	0
Total number of significant violations (sum of the three measures above)	1
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>	
Resolved	1
Ongoing	0
<b>ENFORCEMENT ACTIONS</b>	
Number of compliance assistance rendered	2
	Administrative      Civil/Judicial      Total
Number of show cause, remedial, corrective actions issued	0                      0                      0
Number of stop work orders	0                      0                      0
Number of injunctions obtained	0                      0                      0
Number of penalty and other enforcement actions	1                      0                      1
Number of referrals to Attorney General for possible criminal action	0
<b>PENALTIES</b>	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0

\* These are State-permitted industries subject to Categorical Pretreatment Standards under U.S. EPA regulations 40 CFR 403.6 and 40 CFR Chapter I, Subpart N.

\*\* Coverage rate is defined as the number of sites inspected divided by the sum of permits/licenses in effect, the POTWs and the significant industrial users.

# Discharge – Pretreatment (Industrial)



# **Stormwater Management and Erosion & Sediment Control for Construction Activity**

## **PURPOSE**

The purpose of the erosion and sediment control program is to lessen the impact to the aquatic environment caused by sediment leaving construction sites. The purpose of the stormwater management program is to reduce stream channel erosion, pollution, siltation, and local flooding caused by land use changes associated with urbanization, by maintaining, after development, the pre-development runoff conditions. Any construction activity in Maryland that disturbs 5,000 square feet or more of land or results in 100 cubic yards or more of earth movement must have approved erosion and sediment control and stormwater management plans before construction begins.

## **AUTHORITY**

FEDERAL: Clean Water Act, Section 402; 40 CFR

STATE: Environment Article, Title 4, Subtitle 1 and Subtitle 2; COMAR 26.17

## **PROCESS**

Inspection and enforcement authority for erosion and sediment control has been delegated or partially delegated to 13 counties, and eight municipalities and the Washington Suburban Sanitary Commission (WSSC) by the state. MDE inspections cover construction projects in non-delegated counties and State and federal projects. This report does not reflect the erosion and sediment control inspection and enforcement activities conducted by local governments in delegated jurisdictions.

Stormwater management approval for all non-state and non-federal projects is, by law, the responsibility of each local jurisdiction. MDE inspections of stormwater management facilities are performed for State and federal projects only. Upon issuance of a permit or authorization [whether by WSA's Sediment, Stormwater and Dam Safety Program (SSDSP) or by the local sediment control approval authority], a project file is transferred to the Compliance Program where an inspection priority is assigned. Routine inspections are scheduled based on the assigned priority and as workload allows. Facilities are not given advance notification of routine inspections. At any time during the process, the inspection frequency can be adjusted as site conditions or workload demand.

Stormwater and Erosion and Sediment Control are combined into one table because at the State level these projects are reviewed and approved as one project. For State and federal projects, plan review is performed by SSDSP and inspections are performed by the Compliance Program. All other projects are reviewed at the local level, and if delegated, inspected at the local level. In non-delegated jurisdictions, the MDE Compliance Program performs sediment control inspections.

Inspections performed related to an NPDES permit for the discharge of stormwater associated with construction activities are included in the table for surface water discharges.

## **SUCSESSES/CHALLENGES**

Inspections are prioritized by focusing on large construction sites in non-delegated areas and State and federal projects, along with sites brought to MDE's attention by citizen complaints. In 2013, Larger sites take longer to inspect, which results in fewer sites visited, but their impact when in noncompliance can be much greater than small sites.

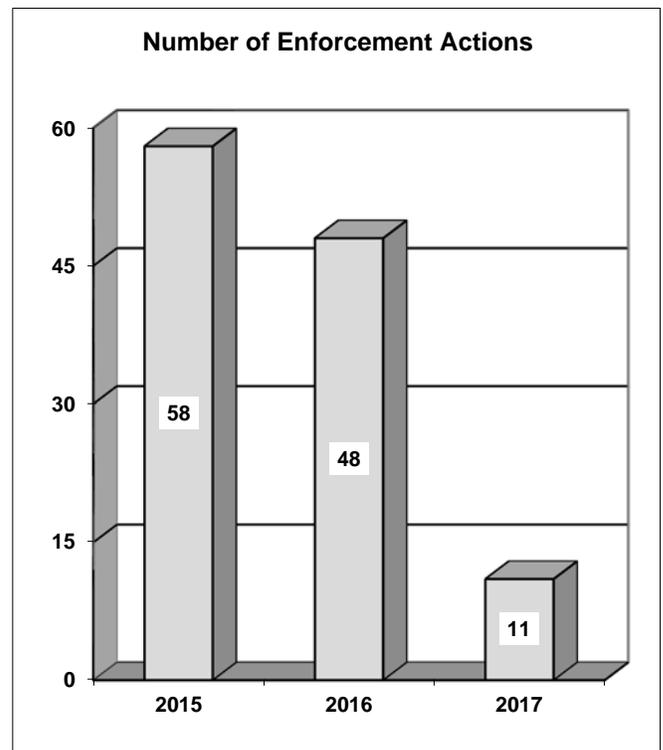
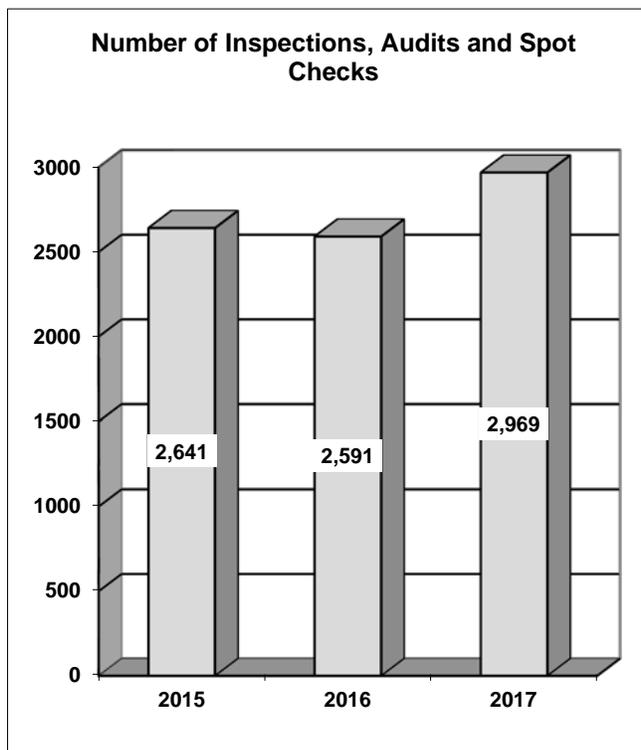
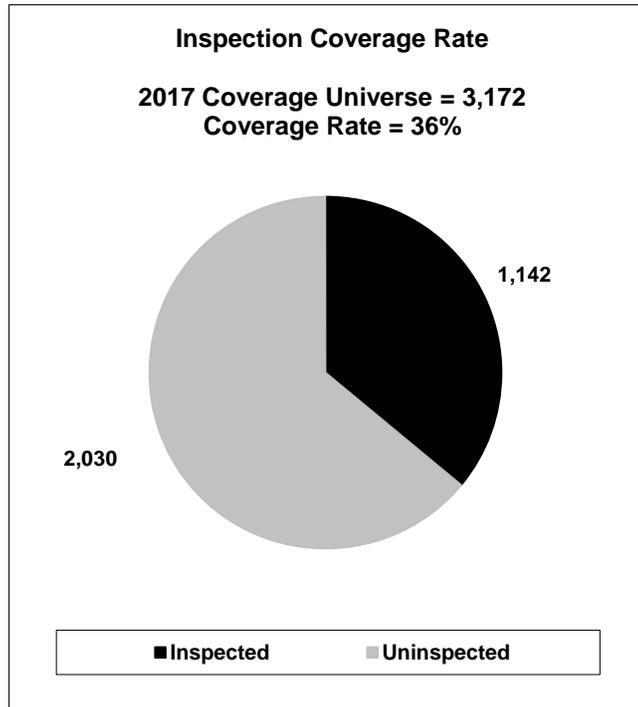
As in previous years, the Allegany, Caroline, Frederick, Queen Anne's and Washington Soil Conservation Districts continued to perform Erosion and Sediment Control inspections on behalf of MDE under Memoranda of Understanding. These districts are independent of county government. The numbers of sites inspected and numbers of inspections on the following table only include MDE's activities.

The Compliance Program continues to review files to ensure expired and completed projects are removed from the Program's list of approvals in effect. Similarly to last year's report, this review has resulted in a significant decrease in the number of sediment approvals reported as in effect in this year's report when compared with the FY 2016 report.

## Stormwater Management and Erosion & Sediment Control for Construction Activity

Performance Measure	TOTAL
<b>PERMITTED SITES/FACILITIES</b>	
Number of approvals issued	263
Number of approvals in effect at fiscal year end	3,127
<b>INSPECTIONS</b>	
Number of sites inspected (“inspected” defined as at the site)	1,142
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	0
Number of sites evaluated for compliance (sum of the two measures above)	1,142
Number of inspections, spot checks (captures number of compliance activities at sites)	2,969
Number of audits (captures number of reviews of file/submittals for compliance)	0
Number of inspections, audits, spot checks (sum of the two measures above)	2,969
<b>COMPLIANCE PROFILE</b>	
Number of inspected sites/facilities with significant violations	8
Percentage of inspected sites/facilities with significant violations	1%
Inspection coverage rate (number of sites inspected/coverage universe)	36%
<b>SIGNIFICANT VIOLATIONS</b>	
Number of significant violations involving environmental or health impact	7
Number of significant violations based on technical/preventative deficiencies	0
Number of significant violations carried over awaiting disposition from previous fiscal year	80
Total number of significant violations (sum of the three measures above)	87
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>	
Resolved	27
Ongoing	60
<b>ENFORCEMENT ACTIONS</b>	
Number of compliance assistance rendered	272
	Administrative      Civil/Judicial      Total
Number of show cause, remedial, corrective actions issued	3                      1                      4
Number of stop work orders	0                      0                      0
Number of injunctions obtained	0                      0                      0
Number of penalty and other enforcement actions	7                      0                      7
Number of referrals to Attorney General for possible criminal action	0
<b>PENALTIES</b>	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$90,414

# Stormwater Management and Erosion & Sediment Control for Construction Activity



# Water Supply Program

## **PURPOSE**

The mission of the Water Supply Program (WSP) is to ensure that public drinking water systems provide safe and adequate water to all current and future users in Maryland, and that appropriate usage, planning, and conservation policies are implemented for Maryland's water resources. This mission is accomplished through proper planning for water withdrawal, protection of water sources that are used for public water supplies, oversight and enforcement of routine water quality monitoring at public water systems, regular on-site inspections of water systems, review of design plans for new or upgraded water treatment, and prompt response to water supply emergencies. In addition to ensuring that public drinking water systems meet federal and State requirements under the Public Water System Supervision program, WSP also administers the wellhead/source protection program, and issues Water Appropriation and Use Permits for both public and privately owned water suppliers, and thousands of other entities withdrawing water for agricultural, industrial or commercial purposes statewide. The Program also certifies laboratories that analyze water samples and issues licenses for water samplers, and oversees two professional licensure Boards: the Board of Water and Wastewater Systems Operators and the Board of Well Drillers. Because all of these activities reside together in WSP, Maryland has the ability to evaluate and regulate public drinking water systems from a broad perspective that includes an evaluation of the resource for both quantity and quality. WSP's comprehensive approach ensures safe and adequate drinking water for over five million Marylanders, while protecting the sustainability of water resources for present and future Marylanders.

## **Community and Non-Transient Non-Community Water Systems**

WSP regulates approximately 999 community water systems (including municipal, county, and private systems), and non-transient non-community water systems (such as businesses, schools, and day care facilities that have their own water source). These systems must test for over 90 regulated contaminants on schedules that vary based on water source, system type and population.

## **Transient Non-Community Water Systems**

In addition, there are approximately 2,282 transient non-community water systems (such as rest areas, gas stations, campgrounds, and restaurants with their own water source) throughout the State, which are regularly inspected and tested for acute contaminants. Since 1998, WSP has negotiated delegation agreements with county health departments for enforcement of Safe Drinking Water Act regulations for the transient non-community water systems. Seventeen of the twenty-three counties have accepted delegated authority for these systems, and WSP directly enforces the requirements for the six remaining counties.

## **Drinking Water Laboratory Certification**

This program is mandated by the federal Safe Drinking Water Act. The certification assures the reliability of the compliance samples that are analyzed by State-certified laboratories. Providing high quality data is critical to evaluating public water systems, and is the primary means of evaluating the safety of the drinking water supplies. The laboratories that are certified under this program are also used by the county health

departments and other MDE programs to analyze drinking water for private wells, and for investigation of underground storage tanks.

### **Water Appropriation and Use Permits**

In order to conserve and protect the State's water resources, WSP regulates water withdrawals and diversions through a permitting system. Water uses for most purposes, including public supply, business, institutional, subdivision of land, or agricultural use over 10,000 gallons per day (gpd), require a permit. Groundwater users of 5,000 gpd or less may file for a Notice of Exemption in lieu of obtaining a permit unless the use is by a community water system, or within a designated water management strategy area. Maryland regulates water use under the doctrine of reasonable use, which means the quantity must be reasonable for its intended purpose, and the impacts of the use to the natural resources of the State must not be unreasonable.

### **Board of Waterworks and Waste Systems Operators**

In order to protect the quality of water in Maryland, protect public health and prevent pollution, WSP oversees a state-wide certification program for operators and superintendents of water treatment plants, water distribution systems, wastewater treatment plants, wastewater collection systems, industrial wastewater facilities and certain pretreatment facilities that discharge to sanitary sewers. Certification helps to protect public health and the environment by setting minimum education, experience, and examination standards that applicants must satisfy.

### **Board of Well Drillers**

As part of Maryland's strategy to assist in the orderly development and protection of its groundwater resources, and protect the public interest, the State Board of Well Drillers was created in 1968. The Board of Well Drillers is responsible for regulation of individuals who engage in the practice of well drilling, and installation of water pumps and water conditioning equipment. The Board sets standards and administers qualifying examinations to license individuals who drill water wells, or install water pumps or water conditioning equipment. The practice of well drilling includes engaging in any of the following activities for profit: (1) Making, altering, repairing or sealing a well; or (2) Installing, altering, repairing or disconnecting well system equipment.

## **PROCESS**

### **Community and Non-Transient Non-Community Water Systems**

WSP uses a multi-tier approach to ensure that public drinking water systems in Maryland are able to provide a safe and adequate supply of drinking water to their consumers. This approach includes review and approval of potential water sources and construction plans; evaluation of a new system's technical, financial, and managerial capacity; regular inspection of drinking water facilities; close oversight of water quality monitoring; and ensuring licensed operators are employed by water treatment facilities.

Public water systems are required to conduct routine sampling of their water quality. The type and frequency of analysis depend on the type of system, its population, and the vulnerability of its water supply. WSP reviews and evaluates more than 50,000 water quality records each year. Emphasis is placed on preventive measures to avoid serious public health incidents. The vast majority of drinking water violations are corrected

immediately, or following the issuance of a Notice of Violation. Systems must notify their consumers when violations of the Safe Drinking Water Act occur.

### **Transient Non-Community Water Systems**

Seventeen of the 23 counties are delegated responsibilities from WSP for transient non-community water systems. These counties conduct routine inspections and ensure that systems are monitored in accordance with State and federal requirements. Transient non-community water systems are required to monitor only for contaminants that have acute health risks, including nitrate, nitrite, and bacteria. In addition to providing funding, WSP provides guidance and training to the counties, and reports health-based violations to EPA for these systems. WSP conducts evaluations on all new public drinking water wells to determine whether groundwater systems are under the influence of surface water. Groundwater systems under the influence of surface water will be required to meet federally-mandated treatment technique requirements, and to conduct additional bacteria monitoring as well as turbidity monitoring. In addition, WSP performs audits of the delegated counties every three years in order to determine that regulations are implemented appropriately.

WSP directly oversees implementation of federal and State regulations for 725 transient non-community water systems in Anne Arundel, Charles, Prince George's, Montgomery, Cecil, and Wicomico counties since these six counties declined acceptance of the delegated program and funding assistance. Oversight includes regular inspections of the systems, enforcement of monitoring requirements, and follow-up to any water quality problems that arise. WSP reports technical and health-based violations to EPA on a quarterly basis for these systems.

### **Drinking Water Laboratory Certification**

The Water Supply Program regulates and certifies 43 in-State and 59 out-of-State laboratories that analyze compliance samples for public drinking water systems. All in-state laboratories are inspected on a triennial basis. In addition, laboratories submit an annual renewal package that includes performance testing results for each approved test method, standard operating procedures, and method detection limit studies. An inspection is required before a laboratory receives certification, or approval for a new test method.

### **Water Appropriation and Use Permits**

The Water Appropriation Permit review process is complex, and requires significant technical and administrative evaluation. All applicants except agricultural users are required to submit the results of aquifer tests and hydrogeologic investigations as part of their permitting process. For agricultural users, WSP staff conducts hydrogeologic investigations on their behalf.

Applicants for new permits or increases in large withdrawals must identify adjacent property owners and notify them of a pending application. WSP verifies the notification list and sends an additional notification, providing a brief summary statement of the potential impacts and providing an opportunity for the public to comment or request an informational meeting. This notice is also published in a local paper. In some cases, WSP may determine that the requested withdrawal could have an unreasonable impact on the water resource and/or other users in the vicinity and, as a result, the permit request is denied or modified.

Since 2014 the Program has used a web-based format database (Water Supply Information and Permitting System) that is geographically based, allowing project managers to observe the relationship between a withdrawal request and other nearby permits.

In FY 2017, 439 water appropriation permits were issued. At the end of the FY 2017, there were 7,813 active permits reflecting a total annual average authorized use of about 10 billion gallons per day.

### **Board of Waterworks and Waste Systems Operators**

In FY 2017, 1,134 new certifications were issued and 1,255 certifications were renewed. At the end of the fiscal year there were 9117 active certifications.

### **Board of Well Drillers**

In FY 2017, 60 new licenses were issued and 446 licenses were renewed. At the end of the fiscal year there were 504 active licenses. The Board took two disciplinary actions against licensed master well drillers in FY2017.

## **SUCSESSES/CHALLENGES**

### **Community and Non-transient Non-community Water Systems**

In FY2017, Maryland continued implementation of the new federal drinking water regulations. These regulations are complex, and, in many cases, result in increased monitoring and capital costs for the regulated communities. WSP provided training and on-site technical assistance for water systems throughout the State. The Program's emphasis on assisting smaller systems to better understand compliance requirements for the existing rules resulted in an overall improved compliance rate for all water systems in Maryland during this period

In FY2017, because of the lead issues in Flint, Michigan, questions regarding whether every State uniformly implements the lead and copper rule became a dominating topic nationally. In Maryland, it required a significant amount of resources be dedicated to this issue. The impact of this water quality problem on Maryland has been limited, but the demand for information placed an additional workload on staff.

There was a large increase in the number of audits for drinking water systems. Beginning in March 2016, the migration of data from the legacy database (Public Drinking Water Information System-PDWIS) to the Safe Drinking Water Information System-State (SDWIS-State) was completed. The new database is designed to capture more of the compliance data that are submitted to MDE by the public water systems allowing the program to audit these additional data.

### **Transient Non-Community Water Systems**

The transient non-community water systems continue to represent a challenge to Water Supply Program and the County Health Departments. Effective April 2016, the Revised Total Coliform Rule added new regulatory requirements for increased testing, and follow-up in the event that coliform bacteria is detected in the drinking water. Additional site visits,

assessments, and special seasonal start-up testing requirements have impacted workloads.

### **Water Appropriation and Use Permits**

During FY 2017, WSP worked with permittees to bring them into compliance. Larger public water systems conduct water audits and submit water loss plans to reduce unaccounted for water. Reviews of the audits showed that many systems need to devote additional resources into reducing the amount of unaccounted-for water. Notices of Violation were sent to permit holders with outstanding reporting requirements, expired permits, and those who used water in excess of their permitted allocation.

### **Laboratory Certification**

In FY 2017, the Laboratory Certification Program met its targeted goal of completing all triennial inspections for the year.

### **Public Water System Enforcement**

As of June 30, 2017, 343 enforcement actions had been issued to community and non-transient non-community water systems. Seventeen of these water systems had violations that were based on exceeding drinking water health standards. The remaining violations were technical violations.

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# Water Supply Program

## Community and Non-Transient Non-Community Water Systems

Performance Measure	TOTAL		
<b>PERMITTED SITES/FACILITIES</b>			
Number of permits/licenses issued	0		
Number of permits/licenses in effect at fiscal year end	0		
<b>OTHER REGULATED SITES/FACILITIES</b>			
Number of community and non-transient non-community water systems *	999		
<b>INSPECTIONS</b>			
Number of sites inspected ("inspected" defined as at the site)	482		
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	517		
Number of sites evaluated for compliance (sum of the two measures above)	999		
Number of inspections, spot checks (captures number of compliance activities at sites)	482		
Number of audits (captures number of reviews of file/submittals for compliance)	53,439		
Number of inspections, audits, spot checks (sum of the two measures above)	53,921		
<b>COMPLIANCE PROFILE</b>			
Number of inspected sites/facilities with significant violations **	0		
Percentage of inspected sites/facilities with significant violations	0%		
Inspection coverage rate (number of sites inspected/coverage universe) ***	48%		
<b>SIGNIFICANT VIOLATIONS</b>			
Number of significant violations involving environmental or health impact	0		
Number of significant violations based on technical/preventative deficiencies	0		
Number of significant violations carried over awaiting disposition from previous fiscal year	0		
Total number of significant violations (sum of the three measures above)	0		
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>			
Resolved	0		
Ongoing	0		
<b>ENFORCEMENT ACTIONS</b>			
Number of compliance assistance rendered ****	999		
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	0	0	0
Number of stop work orders	0	0	0
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	343	0	343
Notices given to public by water systems under Section 9-410	46		
Number of referrals to Attorney General for possible criminal action	0		
<b>PENALTIES</b>			
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$6,500		

\* This number is the total number of systems at the end of the fiscal year. This number can fluctuate throughout the year. The coverage universe is 1,005.

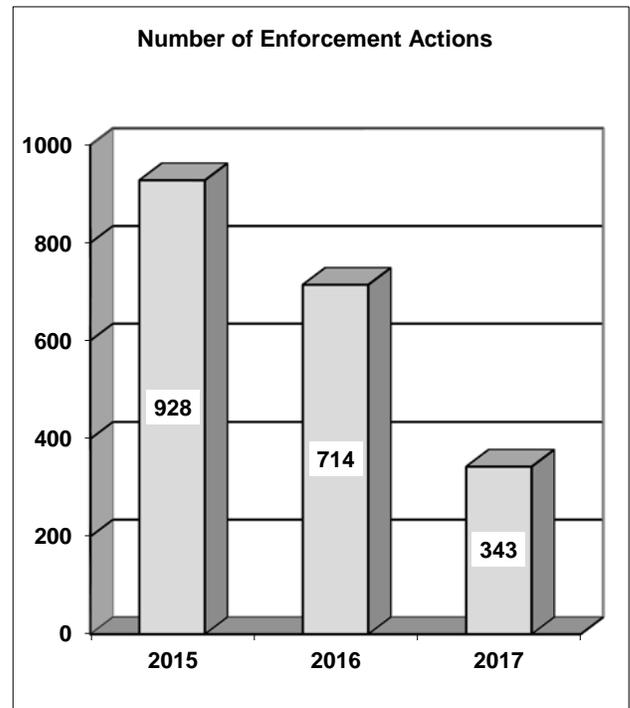
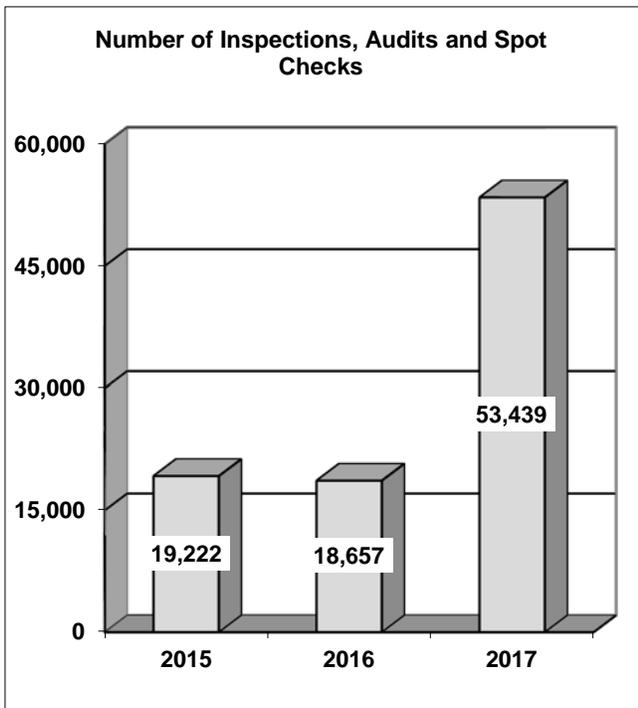
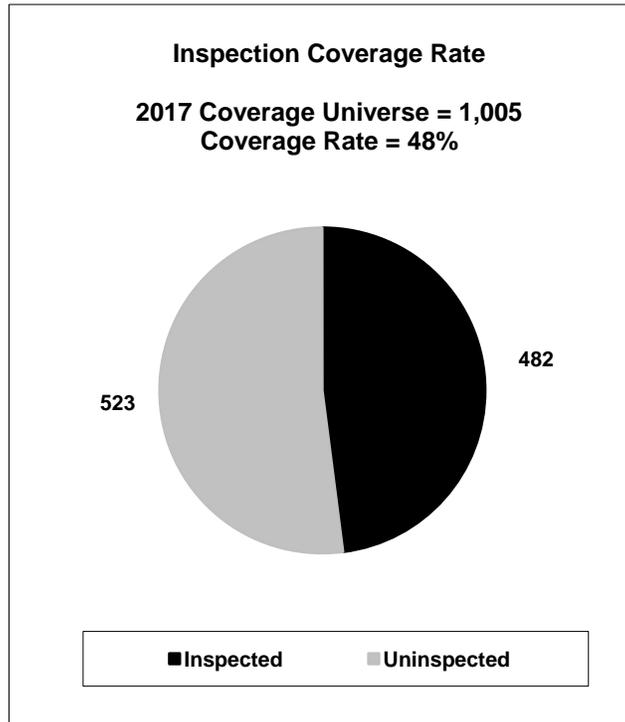
\*\* Number of sites in significant violation includes sites with violations carried over. MDE adopted a new policy for significant violations that was implemented in FY 2009.

\*\*\* Coverage rate is computed by dividing the number of inspected systems by the total number of community and non-transient non-community water systems.

\*\*\*\* This number includes actions to inform public water systems of monitoring requirements under the Safe Drinking Water Act.

# Water Supply Program

## Community and Non-transient Non-Community Water Systems



# Water Supply Program

## Transient Non-Community Water Systems

Performance Measure	TOTAL		
<b>PERMITTED SITES/FACILITIES</b>			
Number of permits/licenses issued	N/A		
Number of permits/licenses in effect at fiscal year end	N/A		
<b>OTHER REGULATED SITES/FACILITIES</b>			
Number of transient non-community water systems	2,282		
<b>INSPECTIONS</b>			
Number of sites inspected ("inspected" defined as at the site)	606		
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	1,556		
Number of sites evaluated for compliance (sum of the two measures above)	2,162		
Number of inspections, spot checks (captures number of compliance activities at sites)	606		
Number of audits (captures number of reviews of file/submittals for compliance)	14,710		
Number of inspections, audits, spot checks (sum of the two measures above)	15,316		
<b>COMPLIANCE PROFILE</b>			
Number of inspected sites/facilities with significant violations	0		
Percentage of inspected sites/facilities with significant violations	0%		
Inspection coverage rate (number of sites inspected/coverage universe) *	27%		
<b>SIGNIFICANT VIOLATIONS</b>			
Number of significant violations involving environmental or health impact	0		
Number of significant violations based on technical/preventative deficiencies	0		
Number of significant violations carried over awaiting disposition from previous fiscal year	2		
Total number of significant violations (sum of the three measures above)	2		
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>			
Resolved	2		
Ongoing	0		
<b>ENFORCEMENT ACTIONS</b>			
Number of compliance assistance rendered	0		
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	0	0	0
Number of stop work orders	0	0	0
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	212	0	212
Notices given to public by water systems under Section 9-410 **	7		
Number of referrals to Attorney General for possible criminal action	0		
<b>PENALTIES</b>			
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0		

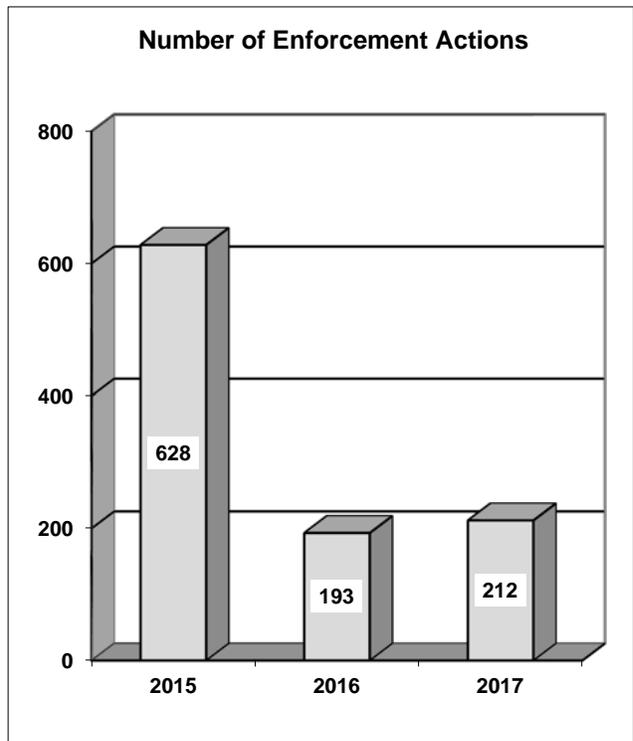
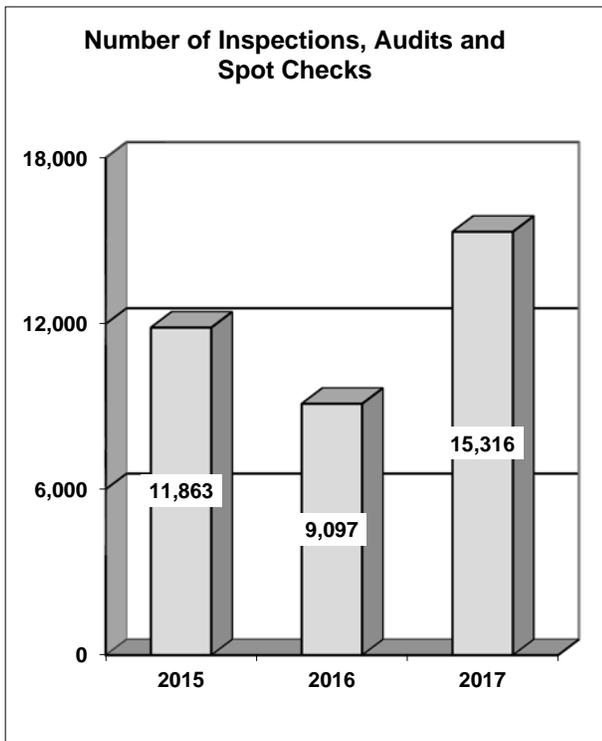
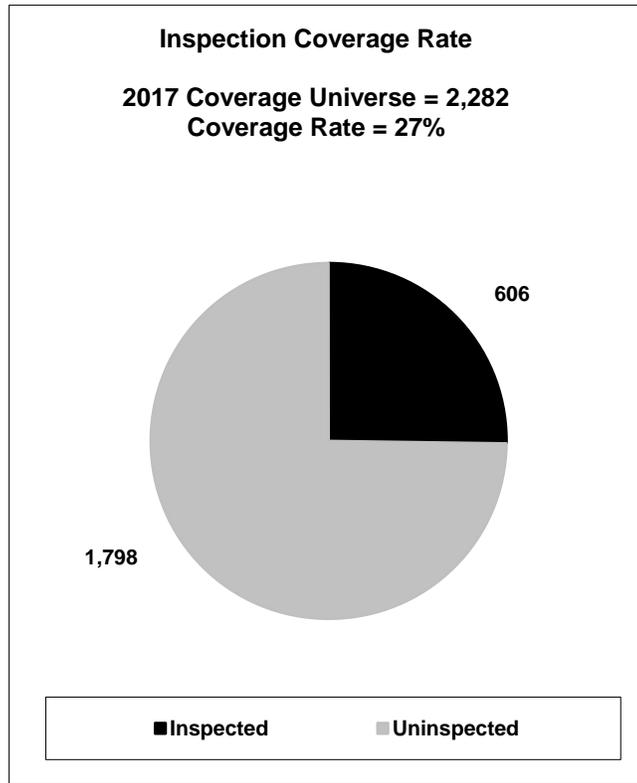
\* Coverage rate is computed by dividing the number of inspected systems by the total number of transient non-community water systems.

\*\* This number includes actions to inform public water systems of monitoring requirements under the Safe Drinking Water Act.

Note: counties have until 9/30/2016 to submit reports for FY 2016.

# Water Supply Program

## Transient Non-Community Water Systems



# Water Supply Program

## Drinking Water Laboratory Certification

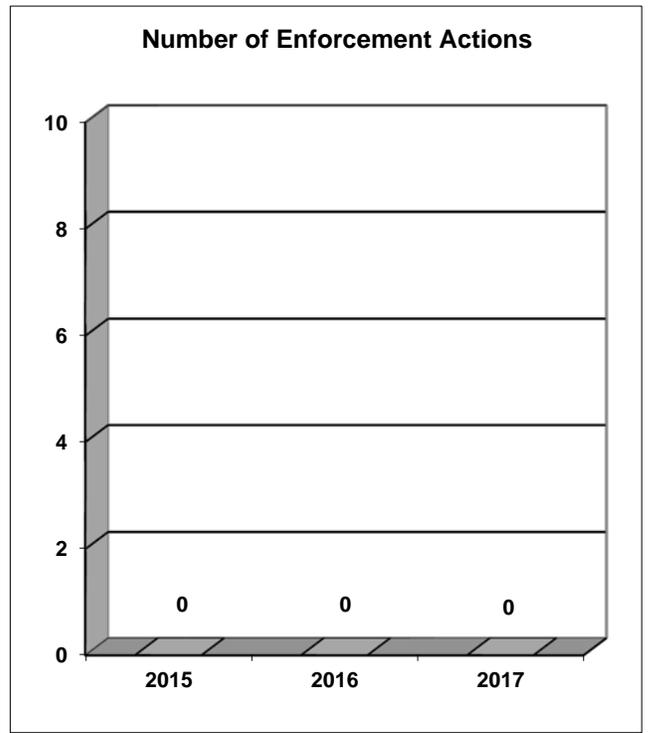
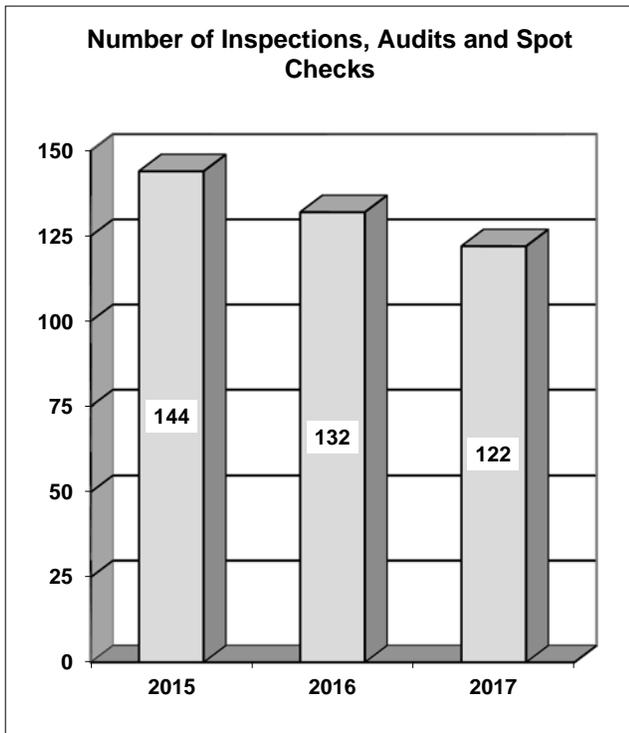
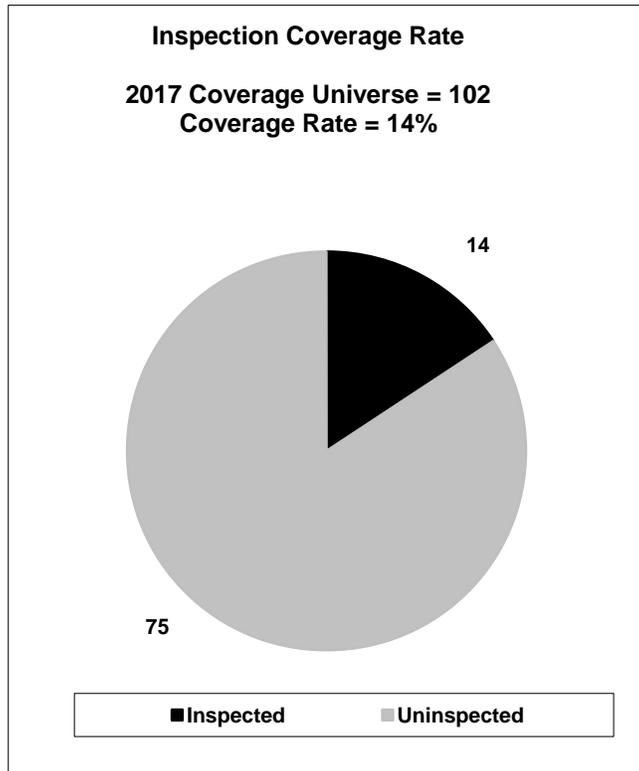
Performance Measure	TOTAL		
<b>PERMITTED SITES/FACILITIES</b>			
Number of permits/licenses issued	107		
Number of permits/licenses in effect at fiscal year end	102		
<b>OTHER REGULATED SITES/FACILITIES</b>			
Number of state-certified drinking water laboratories*	102		
<b>INSPECTIONS</b>			
Number of sites inspected ("inspected" defined as at the site)	14		
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	100		
Number of sites evaluated for compliance (sum of the two measures above)	114		
Number of inspections, spot checks (captures number of compliance activities at sites)	18		
Number of audits (captures number of reviews of file/submittals for compliance)	104		
Number of inspections, audits, spot checks (sum of the two measures above)	122		
<b>COMPLIANCE PROFILE</b>			
Number of inspected sites/facilities with significant violations	0		
Percentage of inspected sites/facilities with significant violations	0%		
Inspection coverage rate (number of sites inspected/coverage universe)*	14%		
<b>SIGNIFICANT VIOLATIONS</b>			
Number of significant violations involving environmental or health impact	0		
Number of significant violations based on technical/preventative deficiencies	0		
Number of significant violations carried over awaiting disposition from previous fiscal year	0		
Total number of significant violations (sum of the three measures above)	0		
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>			
Resolved	0		
Ongoing	0		
<b>ENFORCEMENT ACTIONS</b>			
Number of compliance assistance rendered			
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	0	0	0
Number of stop work orders	0	0	0
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	0	0	0
Notices given to public by water systems under Section 9-410	N/A		
Number of referrals to Attorney General for possible criminal action	0		
<b>PENALTIES</b>			
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0		

\* This is the total number of laboratories that had certification during the fiscal year and may be greater than the number in effect at the end of the fiscal year.

\*\* Coverage rate is computed by dividing the number of inspected systems by the total number of water quality laboratories.

# Water Supply Program

## Drinking Water Laboratory Certification



# Water Supply Program

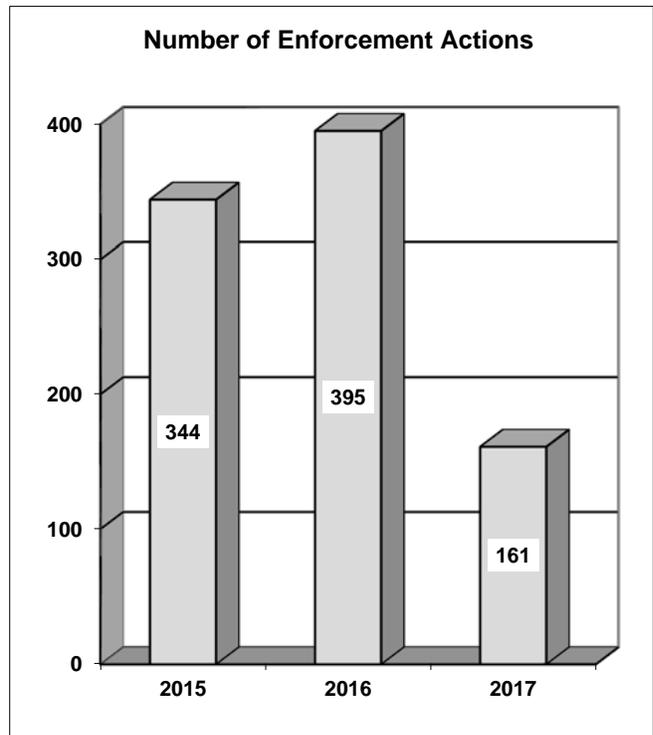
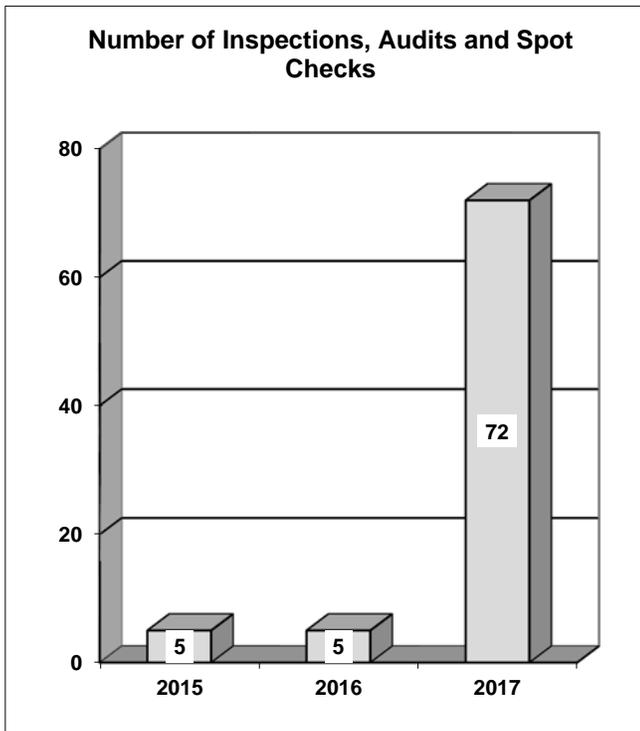
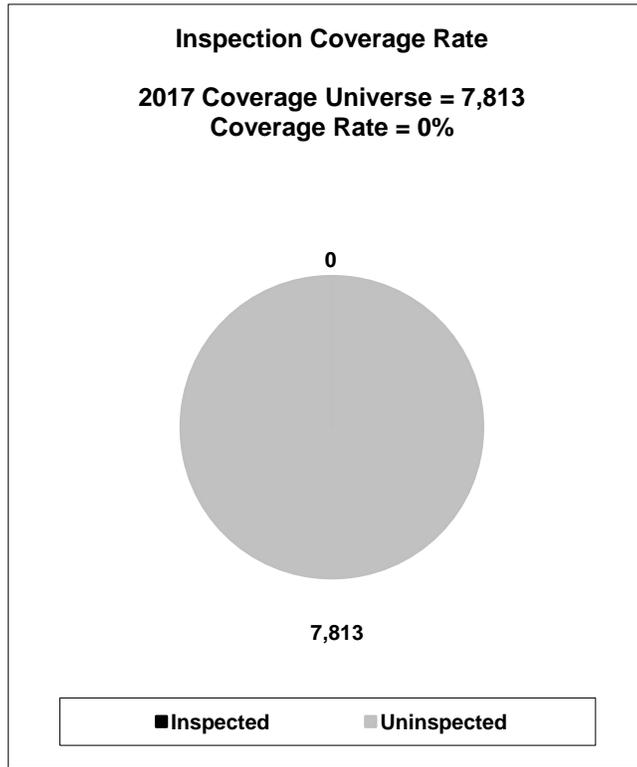
## Water Appropriation Permits

Performance Measure	TOTAL		
<b>PERMITTED SITES/FACILITIES</b>			
Number of permits/licenses issued	439		
Number of permits/licenses in effect at fiscal year end	7,813		
<b>OTHER REGULATED SITES/FACILITIES</b>			
	N/A		
<b>INSPECTIONS</b>			
Number of sites inspected ("inspected" defined as at the site)	0		
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	72		
Number of sites evaluated for compliance (sum of the two measures above)	72		
Number of inspections, spot checks (captures number of compliance activities at sites)	0		
Number of audits (captures number of reviews of file/submittals for compliance)	72		
Number of inspections, audits, spot checks (sum of the two measures above)	72		
<b>COMPLIANCE PROFILE*</b>			
Number of inspected sites/facilities with significant violations	0		
Percentage of inspected sites/facilities with significant violations	0%		
Inspection coverage rate (number of sites inspected/coverage universe)	0.0%		
<b>SIGNIFICANT VIOLATIONS</b>			
Number of significant violations involving environmental or health impact	0		
Number of significant violations based on technical/preventative deficiencies	0		
Number of significant violations carried over awaiting disposition from previous fiscal year	0		
Total number of significant violations (sum of the three measures above)	0		
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>			
Resolved	0		
Ongoing	0		
<b>ENFORCEMENT ACTIONS</b>			
Number of compliance assistance rendered	5,949		
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	0	0	0
Number of stop work orders	0	0	0
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	161	0	161
Notices given to public by water systems under Section 9-410	N/A		
Number of referrals to Attorney General for possible criminal action	0		
<b>PENALTIES</b>			
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0		

\* This activity does not include inspections. Annual or semiannual reports are required for certain water appropriation permits.

# Water Supply Program

## Water Appropriation Permits



# Waterway Construction – Dam Safety

## PURPOSE

The purpose of the Dam Safety Division is to ensure that dams and other impoundment structures are designed, constructed, operated, and maintained safely, in order to protect public safety. The Dam Safety Division issues waterway construction permits for new dams and ponds, as well as for modifications to existing water impoundments. In addition, the Dam Safety Division conducts safety inspections of existing dams, conducts construction inspections, and provides technical assistance to dam owners and local Soil Conservation Districts (SCDs).

Many dams in Maryland were constructed decades ago and are now showing signs of deterioration. In order to provide safe service, dams require frequent safety inspections, monitoring, maintenance, and rehabilitation. In addition to larger dams, thousands of smaller dams (typically under 20 feet high) were constructed decades ago with corrugated metal pipe spillways. Often constructed on farms that have since been developed into residential communities, many of these dams are now in poor condition and threaten the safety of residents who live in newer homes constructed downstream of them.

The Dam Safety Division, through its dam inspection, dam owner assistance, permitting, and enforcement activities, seeks to prevent dam failures and the resultant loss of life, property damage, and environmental impacts. In addition to possible loss of life and significant property damage, significant erosion of stream channels and sediment deposition occur downstream of a failed embankment structure. In addition, dam failures can cause significant damage to wetlands and habitat, both aquatic and terrestrial, through the destructive force of the depth and velocity of the flood wave.

## AUTHORITY

STATE: Environment Article, Title 5, Subtitle 5; COMAR 26.17.04.05

## PROCESS

Dam Safety Division engineers conduct quality assurance inspections. The Compliance Program may inspect the site to determine whether construction has begun, perform sediment control inspections at the request of the Dam Safety Division, or respond to citizens' complaints.

Dams are classified into three categories according to the consequences of a potential failure:

- High Hazard: loss of life and significant property damage
- Significant Hazard: property/infrastructure damage
- Low Hazard: damage to floodplain and the dam itself

The inspection frequency is based on national guidelines and is responsive to the potential failure consequences as follows:

<b>Hazard Class</b>	<b>Number in Category</b>	<b>Inspection Frequency</b>	<b>Sites Targeted/Year</b>
High	89	Annually	89
Significant	125	Every 3 years	42
Low	292	Every 5-7 years	50
<b>Total</b>	<b>506</b>	--	<b>181</b>

Based upon the inspection findings, the Dam Safety Division may initiate enforcement actions, varying from a letter advising the owner to correct routine deficiencies up to issuing an order requiring immediate repairs to be performed or removing the structure due to an unsafe condition. MDE does not have the statutory authority to collect administrative or civil penalties for this program. However, MDE has statutory authority to collect criminal penalties.

### **SUCCESSSES/CHALLENGES**

The Dam Safety Division performed 228 inspections of inventory dams in FY 2017. A total of 75 “high hazard” dams out of 89 have been inspected with the remaining structures scheduled for inspection by the end of calendar year 2017. In addition, the Division inspected sites with permits to construct new dams, reinspected existing dams when problems were found during the initial inspection, and inspected SCD ponds and Natural Resources Conservation Service dams.

As shown below, 665 permits were in effect as of the end of FY 2017. This number reflects the number of inventoried dams (506) plus the number of maintenance and repair permits issued.

The Division receives many weekly requests for technical expertise regarding small embankment facilities that are not its direct responsibility. The Division hired two additional engineers in FY 2017 to address this issue. The Division also engages the soil conservation districts and local county stormwater management officials in helping with this workload. The Division will continue these efforts in the future.

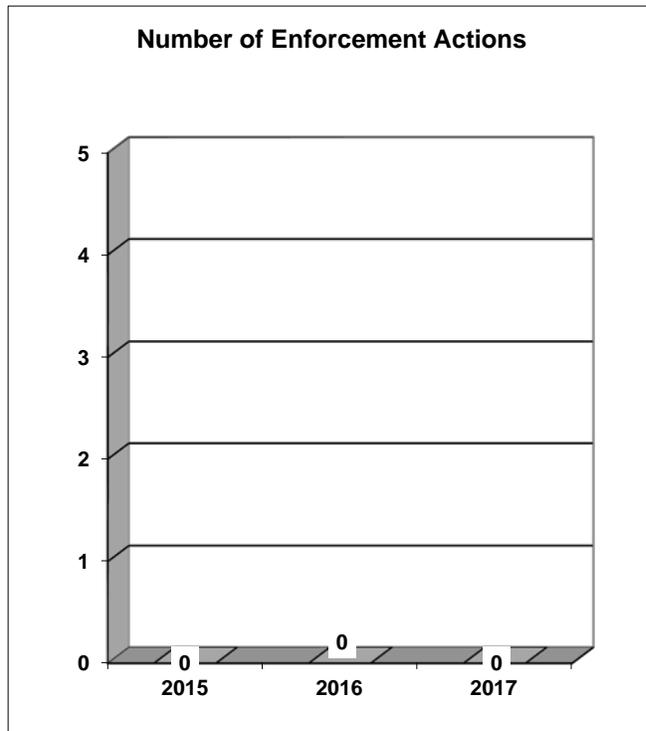
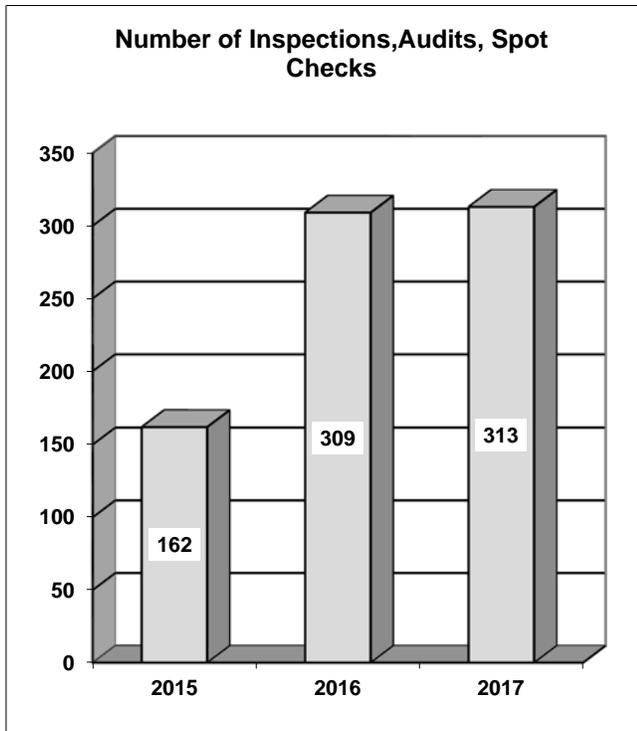
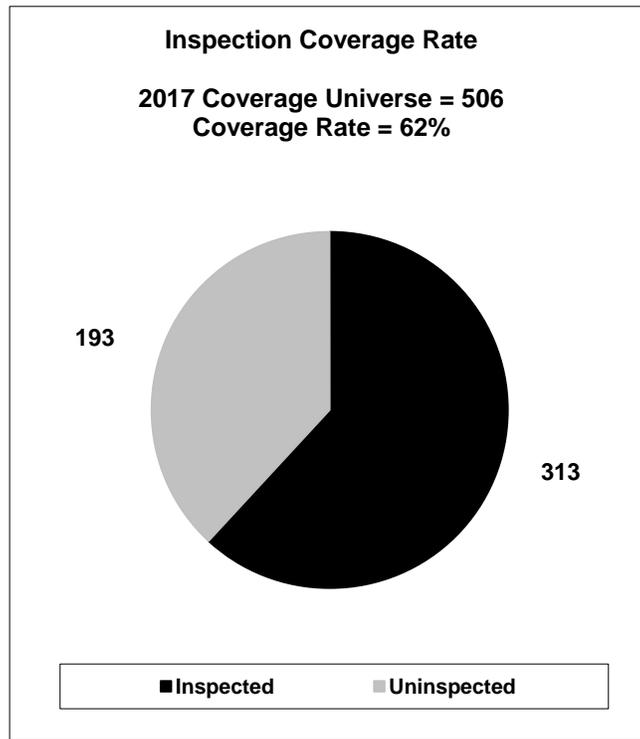
In past years, a significant compliance concern for Division is that many of Maryland’s high and significant hazard dams lacked current Emergency Action Plans, which are critical for storm preparedness and public safety. In May 2017 the State enacted new legislation requiring that owners of High and Significant hazard dams must submit updated Emergency Action Plans by May 1 of each year.

## Waterway Construction – Dam Safety

Performance Measure	TOTAL																								
<b>PERMITTED SITES/FACILITIES</b>																									
Number of permits/licenses issued	23																								
Number of permits/licenses in effect at fiscal year end	665																								
<b>OTHER REGULATED SITES/FACILITIES</b>																									
Dams in operation	506																								
<b>INSPECTIONS</b>																									
Number of sites inspected (“inspected” defined as at the site)	313																								
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	0																								
Number of sites evaluated for compliance (sum of the two measures above, same as #11 on the prior charts)	313																								
Number of inspections, spot checks (captures number of compliance activities at sites)	313																								
Number of audits (captures number of reviews of file/submittals for compliance)	0																								
Number of inspections, audits, spot checks (sum of the two measures above)	313																								
<b>COMPLIANCE PROFILE</b>																									
Number of inspected sites/facilities with significant violations	25																								
Percentage of inspected sites/facilities with significant violations	8%																								
Inspection coverage rate (number of sites inspected/coverage universe)*	46%																								
<b>SIGNIFICANT VIOLATIONS</b>																									
Number of significant violations involving environmental or health impact	0																								
Number of significant violations based on technical/preventative deficiencies	25																								
Number of significant violations carried over awaiting disposition from previous fiscal year	4																								
Total number of significant violations (sum of the three measures above)	29																								
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>																									
Resolved	23																								
Ongoing	6																								
<b>ENFORCEMENT ACTIONS</b>																									
Number of compliance assistance rendered	19																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">Administrative</th> <th style="width: 25%;">Civil/Judicial</th> <th style="width: 10%;">Total</th> </tr> </thead> <tbody> <tr> <td>Number of show cause, remedial, corrective actions issued</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of stop work orders</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of injunctions obtained</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of penalty and other enforcement actions</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of referrals to Attorney General for possible criminal action</td> <td colspan="2"></td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		Administrative	Civil/Judicial	Total	Number of show cause, remedial, corrective actions issued	0	0	0	Number of stop work orders	0	0	0	Number of injunctions obtained	0	0	0	Number of penalty and other enforcement actions	0	0	0	Number of referrals to Attorney General for possible criminal action			0
	Administrative	Civil/Judicial	Total																						
Number of show cause, remedial, corrective actions issued	0	0	0																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	0	0	0																						
Number of referrals to Attorney General for possible criminal action			0																						
<b>PENALTIES</b>																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0																								

\* Coverage rate above is computed as the total number of sites inspected and dividing that by the dams in operation. See narrative for more detail about the Dam Safety Division’s approach to inspection frequency.

# Waterway Construction – Dam Safety



# **Wetlands and Waterways Program**

## **Nontidal Wetlands, Waterways, and Floodplain**

### **PURPOSE**

The goal of the Nontidal Wetlands Protection Act is to attain no net loss in nontidal wetland acreage and to strive for a net resource gain in non-tidal wetlands over present conditions. One of the mechanisms established by the Act to accomplish this goal is a comprehensive regulatory program that targets all activities that have a potential to adversely impact nontidal wetlands. These activities include the following:

- Removal, excavation, or dredging of soil or materials of any kind;
- Changing existing drainage or flood retention characteristics;
- Disturbance of the water level or water table by drainage, impoundment, or other means;
- Filling, dumping, discharging of material, driving piles, or placing obstructions;
- Grading or removal of material that would alter existing topography; and
- Destruction or removal of plant life.

Through its permit application review process, MDE first prevents wetland loss by requiring the applicant to evaluate project designs that will avoid wetland impacts. Based on this evaluation of alternatives, if MDE finds that impacts are unavoidable, the applicant is required to utilize the project design that will minimize the wetland impacts and provide appropriate mitigation for those impacts.

Mitigation, required for all unavoidable impacts that are authorized by MDE, means that the applicant must replace lost wetland acreage, function and value. This is usually accomplished by requiring the creation of new wetlands, restoration of relic wetlands, enhancement of degraded wetlands or some acceptable combination. MDE may also accept monetary compensation if it is determined that mitigation for nontidal wetland losses is not a feasible alternative. For example, monetary compensation may be accepted if the size of the nontidal wetland loss is less than one acre and a suitable mitigation site cannot be identified within the impacted watershed. The payment is deposited into the State's Nontidal Wetlands Compensation Fund and used by the State to construct non-tidal wetlands throughout Maryland.

In addition, MDE is also responsible for addressing potential impacts to the State's nontidal waterways. Authorization is required to conduct any activity that changes the course, current or cross-section of a nontidal stream or body of water, including the 100-year floodplain. Waterway construction activities are evaluated to ensure that they do not create flooding on upstream or downstream properties. Such activities are additionally evaluated to ensure protection of aquatic resources, including the maintenance of fish habitat and migration, from degradation.

### **AUTHORITY**

STATE: Environment Article, Title 5, Subtitles 5 and 9; COMAR 26.17 and 26.23

## **PROCESS**

MDE inspectors schedule routine inspections of the facilities adhering to the assigned priority. The inspection frequency is adjusted as site conditions or workload demand. Inspections are performed to verify that the projects are in accordance with the authorization. Because a site may involve nontidal wetlands, waterways and/or 100-year floodplain impacts, inspectors evaluate whether all the resultant construction impacts are in accordance with the permits. This may involve identifying or verifying a non-tidal wetland boundary and documenting findings in the inspection report. At sites where there may be 100-year floodplain impacts, it may be necessary to determine the floodplain boundary before project compliance can be determined.

MDE does not have the statutory authority to collect administrative penalties for this program.

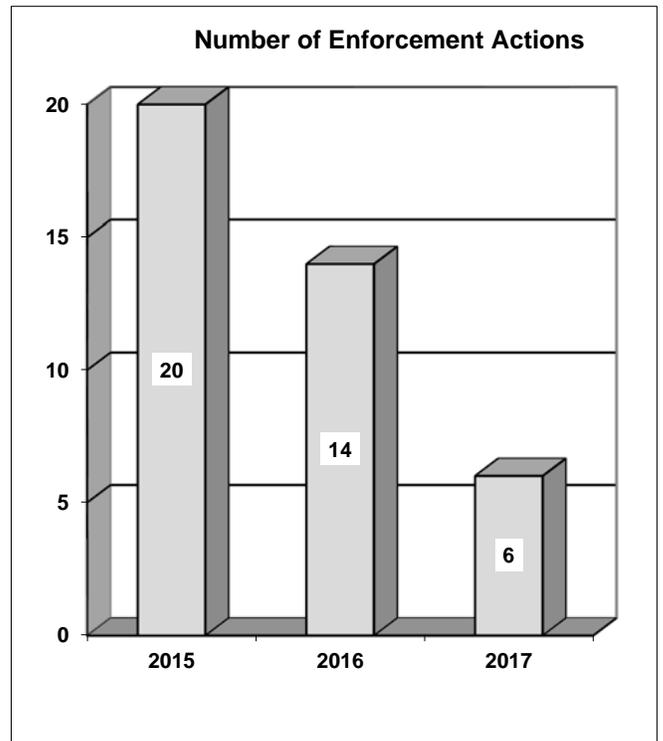
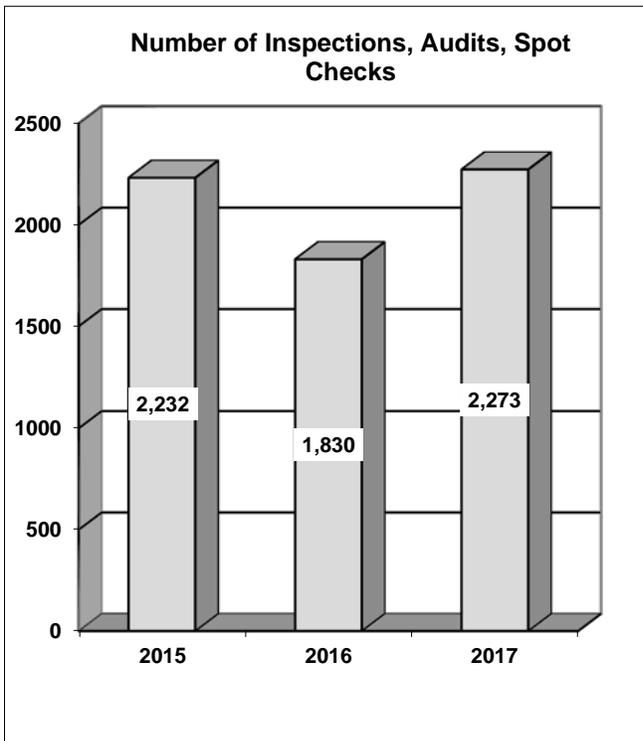
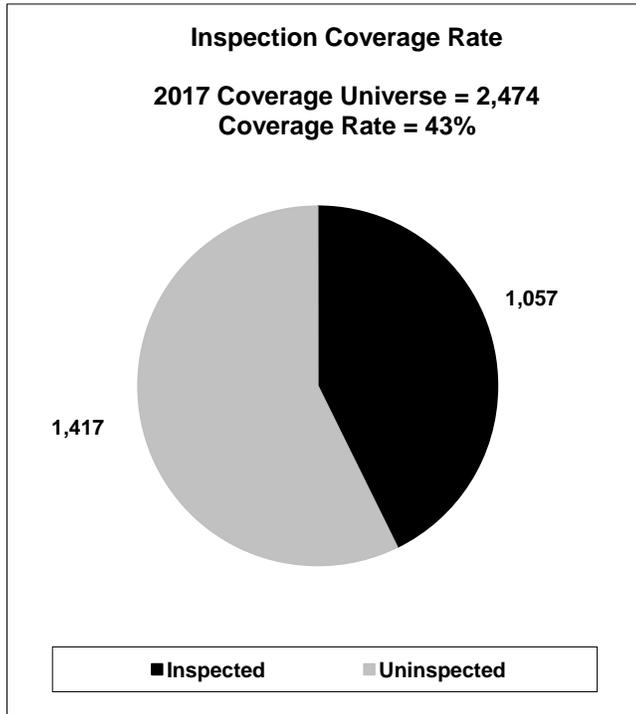
## **SUCSESSES/CHALLENGES**

The program continues to inspect and take enforcement actions to address violations impacting nontidal wetlands and waterways. The program pursues enforcement cases involving nontidal wetlands through referrals to the Attorney General's Office, many as a result of investigation of citizen complaints.

## Wetlands and Waterways – Nontidal and Floodplain

Performance Measure	TOTAL
<b>PERMITTED SITES/FACILITIES</b>	
Number of permits/authorizations issued	865
Number of permits/authorizations in effect at fiscal year end	2,474
<b>INSPECTIONS</b>	
Number of sites inspected (“inspected” defined as at the site)	1,054
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	0
Number of sites evaluated for compliance (sum of the two measures above)	1,057
Number of inspections, spot checks (captures number of compliance activities at sites)	2,273
Number of audits (captures number of reviews of file/submittals for compliance)	0
Number of inspections, audits, spot checks (sum of the two measures above)	2,273
<b>COMPLIANCE PROFILE</b>	
Number of inspected sites/facilities with significant violations	4
Percentage of inspected sites/facilities with significant violations	0%
Inspection coverage rate (number of sites inspected/coverage universe)	43%
<b>SIGNIFICANT VIOLATIONS</b>	
Number of significant violations involving environmental or health impact	3
Number of significant violations based on technical/preventative deficiencies	0
Number of significant violations carried over awaiting disposition from previous fiscal year	60
Total number of significant violations (sum of the three measures above)	63
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>	
Resolved	21
Ongoing	42
<b>ENFORCEMENT ACTIONS</b>	
Number of compliance assistance rendered	130
	Administrative      Civil/Judicial      Total
Number of show cause, remedial, corrective actions issued	4                      0                      4
Number of stop work orders	0                      0                      0
Number of injunctions obtained	0                      0                      0
Number of penalty and other enforcement actions	2                      0                      2
Number of referrals to Attorney General for possible criminal action	0
<b>PENALTIES</b>	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0

# Wetlands and Waterways – Nontidal and Floodplain



# Wetlands and Waterways - Tidal

## PURPOSE

Tidal wetlands are open water and vegetated estuarine systems affected by the rise and fall of the tide. In 1970, the Maryland General Assembly enacted the Wetlands and Riparian Rights Act to restrict and regulate activities conducted in tidal wetlands in order to preserve and protect them.

Prior to enactment of the Wetlands and Riparian Rights Act wetlands were being destroyed throughout tidewater Maryland every year. Today, through its regulatory program, MDE strives for a net resource gain over present conditions. Tidal wetlands are managed to provide reasonable use while furnishing essential resource protection. Licenses are issued for activities conducted in State wetlands by the Maryland Board of Public Works, based on recommendations from MDE. Permits are issued directly by MDE for activities conducted in private wetlands. A license or permit must be obtained before a person dredges, fills or otherwise alters a tidal wetland.

The following projects require authorization from MDE if conducted in tidal wetlands: dredging or filling; shoreline protection projects, including marsh creation, stone revetments and bulkheads; piers; boat ramps; jetties, groins and breakwaters; cable crossings; storm drain systems; and similar structures. The regulatory process for tidal wetlands is similar to that described for nontidal wetlands and waterways. Applications are evaluated to ensure that appropriate steps are taken to first avoid, and then minimize impacts to tidal wetlands. Mitigation is required for unavoidable impacts, with the amount of mitigation based on resources impacted; type of mitigation proposed; and location of mitigation. In-kind and on-site mitigation is preferred and required wherever appropriate site conditions exist.

## AUTHORITY

STATE: Environmental Article Title 16; Subtitle 2; COMAR 26.24

## PROCESS

Upon issuance of a license/permit/authorization, the file is transferred to the Compliance Program where an inspection priority is assigned. The inspectors then schedule routine inspections of the facilities adhering to the assigned priority as workload allows. Facilities are not given advance notification of routine inspections. At any time during the process, the inspection frequency can be adjusted as site conditions or workload demand. Inspections typically verify that the work being performed is in accordance with the work authorized and that all license or permit conditions are in compliance.

MDE does not have the statutory authority to collect administrative penalties for this program.

## SUCSESSES/CHALLENGES

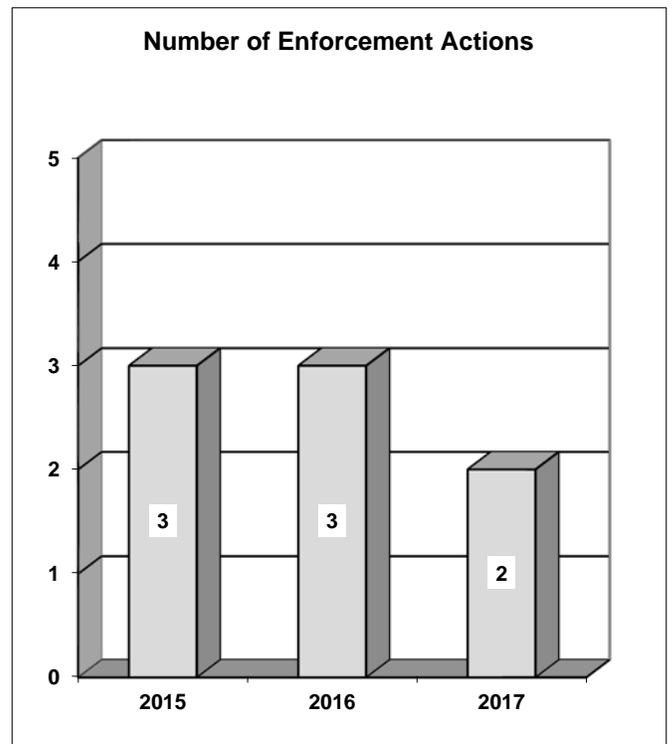
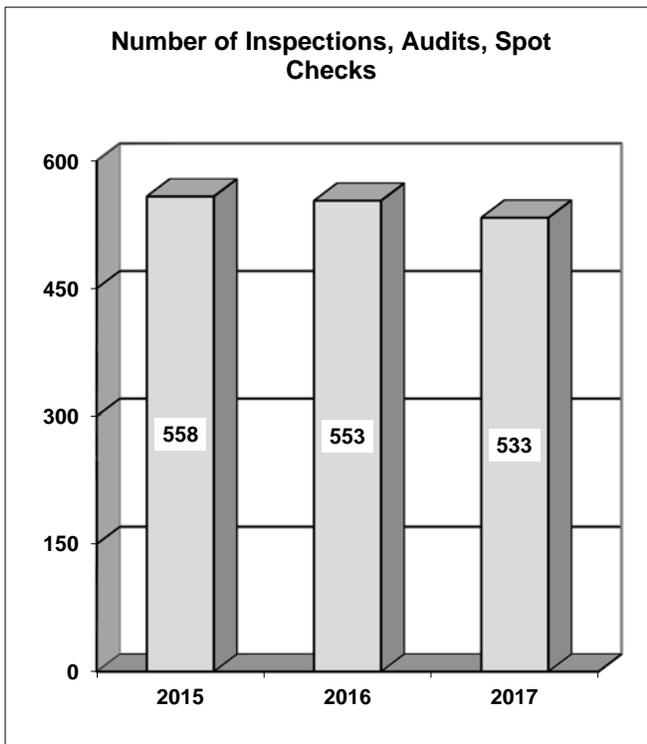
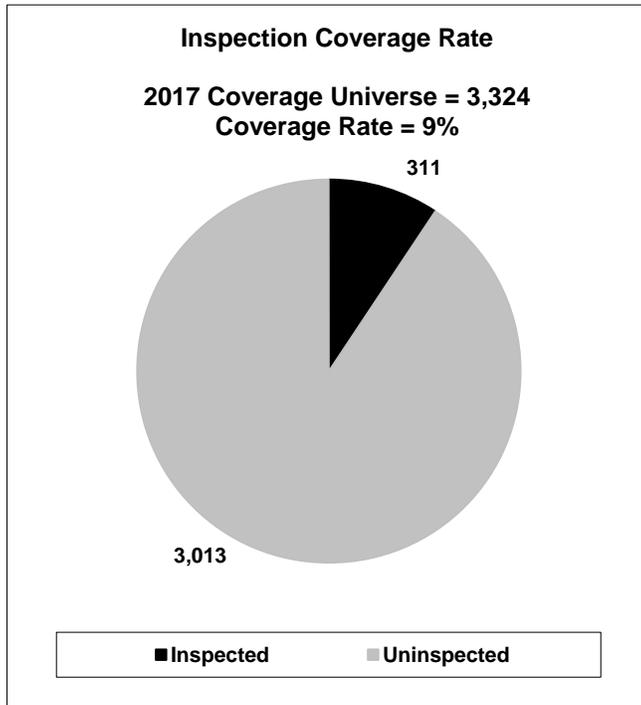
The program actively worked in close cooperation with the Attorney General's Office to resolve numerous cases involving unauthorized impacts to tidal wetlands. Many of the cases are developed as the result of citizen complaints about pier extensions, adding boat lifts or boat houses, or building or extending bulkheads.

The program responds to citizen complaints in to identify the majority of tidal wetlands violations through on-site inspections. Development of improved access to regular aerial photography of tidal coastlines with sufficient staff to review the information to identify work underway that has not been approved by MDE could help identify many other sites in violation. The on-site investigation and enforcement process is impacted by the limited number of inspectors, enforcement staff, and attorneys available to devote to tidal wetlands actions, and many cases will require significant time from identification to conclusion if a court action is needed.

## Wetlands and Waterways – Tidal

Performance Measure	TOTAL																								
<b>PERMITTED SITES/FACILITIES</b>																									
Number of permits/licenses issued	1,108																								
Number of permits/licenses in effect at fiscal year end	3,324																								
<b>INSPECTIONS</b>																									
Number of sites inspected (“inspected” defined as at the site)	311																								
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	0																								
Number of sites evaluated for compliance (sum of the two measures above)	311																								
Number of inspections, spot checks (captures number of compliance activities at sites)	533																								
Number of audits (captures number of reviews of file/submittals for compliance)	0																								
Number of inspections, audits, spot checks (sum of the two measures above)	533																								
<b>COMPLIANCE PROFILE</b>																									
Number of inspected sites/facilities with significant violations	4																								
Percentage of inspected sites/facilities with significant violations	1%																								
Inspection coverage rate (number of sites inspected/coverage universe)	9%																								
<b>SIGNIFICANT VIOLATIONS</b>																									
Number of significant violations involving environmental or health impact	3																								
Number of significant violations based on technical/preventative deficiencies	0																								
Number of significant violations carried over awaiting disposition from previous fiscal year	103																								
Total number of significant violations (sum of the three measures above)	106																								
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>																									
Resolved	38																								
Ongoing	68																								
<b>ENFORCEMENT ACTIONS</b>																									
Number of compliance assistance rendered	16																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">Administrative</th> <th style="width: 25%;">Civil/Judicial</th> <th style="width: 10%;">Total</th> </tr> </thead> <tbody> <tr> <td>Number of show cause, remedial, corrective actions issued</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Number of stop work orders</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of injunctions obtained</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of penalty and other enforcement actions</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Number of referrals to Attorney General for possible criminal action</td> <td colspan="2"></td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		Administrative	Civil/Judicial	Total	Number of show cause, remedial, corrective actions issued	2	0	2	Number of stop work orders	0	0	0	Number of injunctions obtained	0	0	0	Number of penalty and other enforcement actions	0	0	0	Number of referrals to Attorney General for possible criminal action			0
	Administrative	Civil/Judicial	Total																						
Number of show cause, remedial, corrective actions issued	2	0	2																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	0	0	0																						
Number of referrals to Attorney General for possible criminal action			0																						
Number of show cause, remedial, corrective actions issued	2	0	2																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	0	0	0																						
Number of referrals to Attorney General for possible criminal action			0																						
<b>PENALTIES</b>																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$7,973																								

# Wetlands and Waterways – Tidal



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OFFICE OF BUDGET AND  
INFRASTRUCTURE FINANCING

# Water Supply and Sewerage Construction

## PURPOSE

Adequate water and sewer infrastructure is essential to public health and water quality protection. Water and sewerage construction permits help ensure that projects for water and sewerage are designed and constructed in accordance with sound engineering principles and comply with the State design guidelines to protect water quality and public health. These permits are required before installing, extending or modifying community water supply and/or sewerage systems including treatment plants, pumping stations and major water mains and sanitary sewers greater than 15 inches in diameter. These permits also help to ensure compliance with local comprehensive land use and water and sewerage plans and are supportive of community revitalization and land redevelopment.

## AUTHORITY

STATE: Environment Article, Title 9, Subtitle 2, COMAR 26.03.12

## PROCESS

Pre-approval: The applicant must show that the proposed water or sewerage facility is included in the current county water and sewerage plans, has a valid NPDES discharge permit (if applicable), and will be operated either publicly or privately under a financial management plan.

Post-approval: The project must be constructed in accordance with the approved plans and specifications. Staff engineers perform inspections to verify the facility is constructed to the approved design and/or the permittee submits “as built” plans or certification that the project was built in accordance with original plans as approved by MDE. Other approvals associated with the construction (i.e. sediment control, wetlands, etc.) are inspected under those media and by those inspectors. This program does not have authority to pursue traditional enforcement actions. For projects where MDE is providing funding, construction violations would necessitate the return of state funds by the local jurisdiction. If a construction violation were to go unnoticed, the eventual result would be the failure of the facility to meet its discharge permit requirements or other performance requirements. At that time, traditional enforcement tools available under the discharge permit program would be utilized.

There is no correlation between the number of permits issued and the number of sites inspected because inspections are performed only at active construction sites for projects being financed by MDE. Once construction has begun, these funded projects are inspected on a routine basis through completion.

## SUCCESSSES/CHALLENGES

MDE monitors all projects for which State financial assistance is being provided. Accordingly, the annual number of inspections will vary as the number of financed projects initiate and complete construction. The program is on target with its goals.

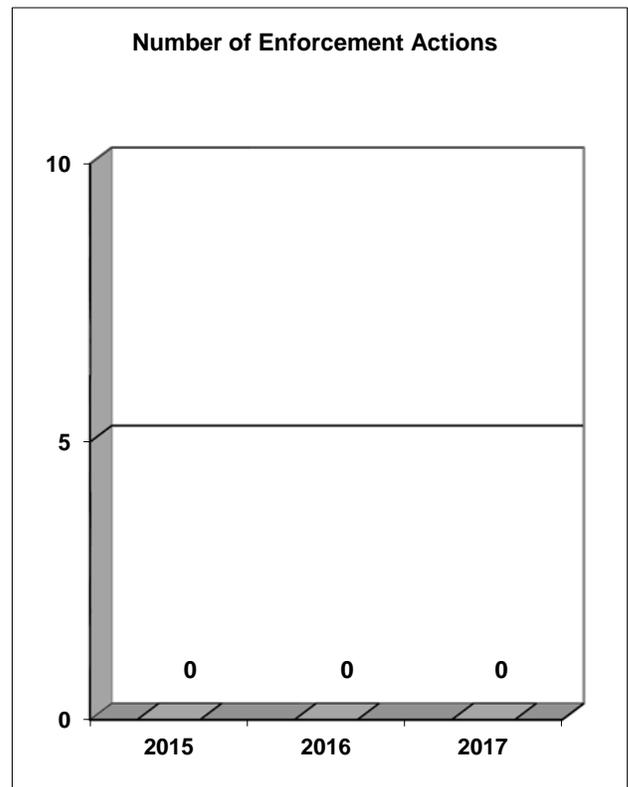
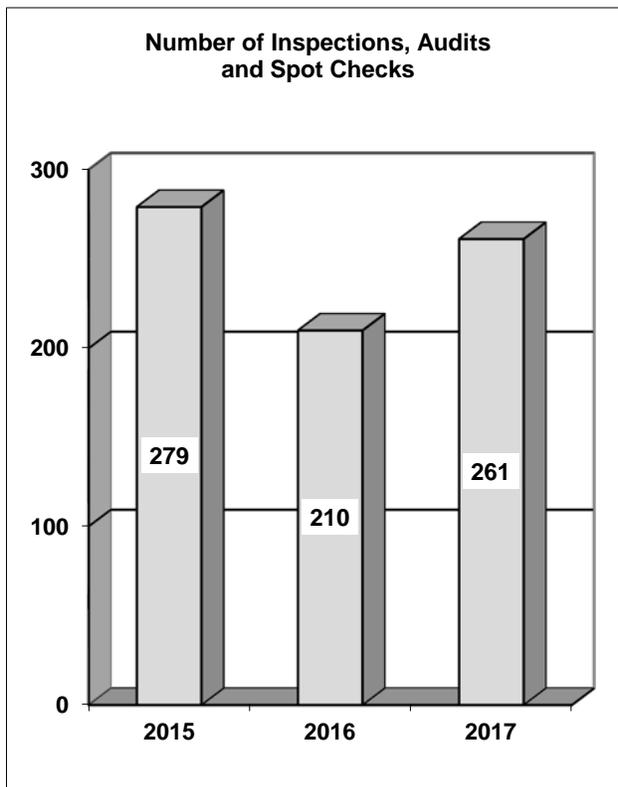
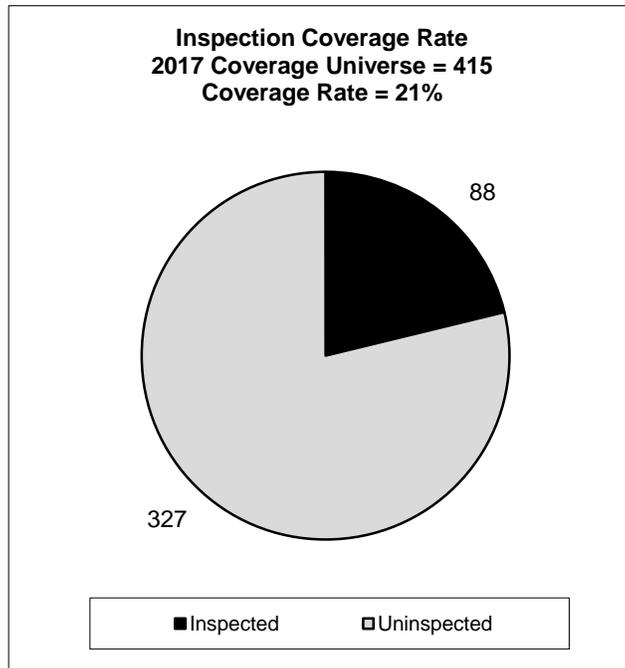
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# Water Supply and Sewerage Construction

Performance Measure	TOTAL																								
<b>PERMITTED SITES/FACILITIES</b>																									
Number of permits/licenses issued	124																								
Number of permits/licenses in effect at fiscal year end	415																								
<b>INSPECTIONS</b>																									
Number of sites inspected ("inspected" defined as at the site)	88																								
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	0																								
Number of sites evaluated for compliance (sum of the two measures above)	88																								
Number of inspections, spot checks (captures number of compliance activities at sites)	261																								
Number of audits (captures number of reviews of file/submittals for compliance)	0																								
Number of inspections, audits, spot checks (sum of the two measures above)	261																								
<b>COMPLIANCE PROFILE</b>																									
Number of inspected sites/facilities with significant violations	0																								
% of inspected sites/facilities with significant violations	0%																								
Inspection coverage rate (number of sites inspected/coverage universe)	21%																								
<b>SIGNIFICANT VIOLATIONS</b>																									
Number of significant violations involving environmental or health impact	0																								
Number of significant violations based on technical/preventative deficiencies	0																								
Number of significant violations carried over awaiting disposition from previous fiscal year	0																								
Total number of significant violations (sum of the three measures above)	0																								
<b>DISPOSITION OF SIGNIFICANT VIOLATIONS</b>																									
Resolved	0																								
Ongoing	0																								
<b>ENFORCEMENT ACTIONS*</b>																									
Number of compliance assistance rendered	0																								
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	Administrative	Civil/Judicial	Total																						
Number of show cause, remedial, corrective actions issued	0	0	0																						
Number of stop work orders	0	0	0																						
Number of injunctions obtained	0	0	0																						
Number of penalty and other enforcement actions	0	0	0																						
Number of referrals to Attorney General for possible criminal action			0																						
<b>PENALTIES</b>																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0																								

\* Program does not have direct legal authority to pursue traditional enforcement actions for violations. It may require the return of State funding if significant problems arise. MDE may indirectly use its general water pollution authority if a constructed facility violates the law.

# Water Supply and Sewerage Construction



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OFFICE OF THE ATTORNEY GENERAL  
ENVIRONMENTAL CRIMES UNIT

## **Environmental Crimes Unit Executive Summary**

The Environmental Crimes Unit (ECU) of the Criminal Division of the Maryland Attorney General's Office investigates and prosecutes environmental crimes throughout Maryland. During FY 2017, ECU handled eighty-seven in-coming inquiries, case-referrals, complaints, and/or requests. Of that total, ECU opened fifty-three criminal investigations. Of the fifty-three investigations, fourteen were the result of referrals from the Maryland Department of the Environment (MDE). Of the fifty-three investigations, twenty-eight were closed at the conclusion of investigation or prosecution, and twenty-five investigations remained open or pending at the close of the 2017 fiscal year. Criminal charges were filed by ECU in eleven cases. Six prosecutions were completed in the state courts during the fiscal year, resulting in ordered jail terms totaling two years, probation terms totaling eight years and criminal fines, restitutions and costs totaling \$40,137.50. Courts additionally ordered community service, restitution and other penalties. The matters investigated and reviewed without opening a full-scale criminal investigation were the result of insufficient information available to justify a full-scale investigation; matters readily resolved; or matters sent to another, more appropriate agency to handle.

## **Environmental Crimes Unit**

### **PURPOSE**

The Environmental Crimes Unit of the Maryland Office of the Attorney General is responsible for the coordination, investigation and prosecution of criminal environmental violations and other associated criminal charges throughout the State of Maryland. Typical environmental cases involve the illegal discharge of pollutants into the waters of the State, the illegal accumulation, storage or disposal of hazardous waste, open dumping, accumulation or disposal of solid waste, violations of natural resource laws, and frauds associated with Maryland's lead paint laws.

Various factors are considered when making the determination whether to pursue criminal enforcement for violations of Maryland's environmental laws. These considerations include: (1) whether there is significant environmental harm and/or long term effects on the public health; (2) whether there is evidence of intentionally deceptive, misleading or fraudulent misconduct; (3) whether the violator was operating outside the regulatory scheme; (4) whether the violations are repetitive; (5) whether the violation(s) were part of an isolated incident or instead a pattern of continuing conduct; and (6) whether the violator(s) has either a prior criminal record or a history of civil/regulatory enforcement action.

In Fiscal Year 2017, the Unit consisted of two Assistant Attorney Generals and two criminal investigators with specialized training and experience in the investigation and prosecution of environmental crimes. Additionally, the Unit coordinates with the U.S. Environmental Protection Agency, the Maryland Department of the Environment, the Maryland Department of Natural Resources and other local, state and federal agencies to prosecute the most significant and egregious criminal violations of Maryland's environmental laws.

## **AUTHORITY**

The General Assembly, through the *Environment Article*, provides the Attorney General exclusive or concurrent authority to prosecute criminal violations stemming from investigations involving water pollution, air pollution and waste. Likewise, the *Natural Resources Article* provides authority for ECU to prosecute certain natural resource cases. Furthermore, the Attorney General's office is granted authority pursuant to Article V, Section 3 of the Constitution of Maryland to investigate and prosecute certain specified crimes as directed by the Governor. Historically the Governor has included authority to investigate and prosecute violations of Maryland's Litter Control Law (§10-110 of the *Criminal Law Article*), and other broadly defined related offenses. The Unit seeks the Governor's authorization to investigate and prosecute other violations not within the *Environment Article* on either a case-by-case basis, or based on specific areas of concern.

## **PROCESS**

The Environmental Crimes Unit receives complaints or allegations of possible criminal activity from multiple sources, including citizen complaints, other governmental and law enforcement agencies, MDE Administrations, or as a result of ECU investigation initiatives. Complaints are initially reviewed by an ECU prosecutor and investigator to determine the appropriateness and available resources for a full investigation. Cases deemed potentially suitable for prosecution are then subjected to a full investigation for the purpose of gathering sufficient evidence to accurately assess whether to file criminal charges. If ECU prosecutors file criminal informations or seek indictments returned by grand juries, the cases are handled by the Unit throughout the trial, subsequent violations of probation and any possible appeals. In FY 2017 ECU handled 6 violations of probation and one on-going appeal of a post-conviction.

## **MDE REFERRALS**

In FY 2017, as a result of MDE referrals, ECU opened 14 new in-depth criminal cases, and filed charges in four cases generated from MDE referrals. Three prosecutions were completed during the fiscal year from cases referred by MDE.

## **SUCSESSES/CHALLENGES**

A continuing challenge is to improve attorney and investigative resources for better effectiveness. It is only through complete and full investigation that criminal cases can be properly assessed and charges filed. The Unit's statewide responsibilities are currently carried out with a smaller staff than in the past, with a total number of five at the end of the fiscal year. This includes two investigators and two prosecutors, all of whom are directly involved in the criminal investigation and enforcement work conducted by ECU. Various outside police agencies which previously had officers assigned to ECU, have removed all staff out of ECU as a result of budget constraints. At this time, there are currently no sworn law enforcement personnel with statewide authority assigned to this Unit. At points in the past there were as many as seven sworn law enforcement officers assigned to the unit for investigation. Since FY 1999, ECU has had no sworn law enforcement officers assigned to the Unit. The lack of sworn police officers assigned to the division limits the actions which ECU can pursue. Additionally, investigations are further slowed with a reduced number of attorneys available to provide investigatory input, review evidence, make charging determinations and pursue prosecutions of each case.

Restoration to higher staffing levels will allow ECU to be more proactive in the pursuit of businesses and individuals who commit environmental crimes, and would allow for more cases to be pursued. These types of cases can be complex and involved, especially in a proactive form, and without full staffing, results will be hampered.

**CHART 1** shows the number of investigations conducted by ECU during FY 2017 and the source of the complaints leading to the investigations.

FY '17 – INVESTIGATIONS OPENED		
SOURCE OF COMPLAINTS		INVESTIGATIONS OPENED
<b>M D E</b>	ARA	1
	LMA	13
	WSA	0
	ERD	0
MDE TOTAL		14
OTHER SOURCES		39
<b>TOTAL</b>		<b>53</b>

The MDE administrations, ARA, LMA, and WSA, have traditional enforcement programs. The Emergency Response Division responds to environmental emergencies and they may be caused by criminal activities.

**CHART 2** shows the number of cases prosecuted by ECU during FY 2017. The chart distinguishes between the number of cases where prosecution was initiated during FY 2017 and the number of cases concluded during FY 2017. In prosecuting criminal cases, it is not uncommon for charges in a case to be filed during one fiscal year and concluded during a subsequent fiscal year. Charges may also be formally filed in a different fiscal year than when the investigation was opened by ECU.

FY '17 – PROSECUTIONS			
SOURCE OF COMPLAINTS		NO. OF CASES FILED	NO. OF CASES CONCLUDED
<b>M D E</b>	ARA	0	0
	LMA	4	3
	WSA	0	0
	ERD	0	0
	OS	0	0
MDE TOTAL		4	3
OTHER SOURCES		7	3
<b>TOTAL</b>		<b>11</b>	<b>6</b>

**CHART 3** The Report of Enforcement Activities mandated by §1-301(d) of the Environment Article requires reporting of information for criminal cases prosecuted under specified subtitles of the Environment Article. The chart reflects all ECU activity for the fiscal year.

FY '17 – YEARLY TOTALS	ENVIRONMENT ARTICLE (EN)		CRIMINAL LAW (CL)	NATURAL RESOURCES (NR)	TOTAL
	Title 1	Title 9	Title 10	NR 4	
	Subtitle 3	Subtitle 3	Subtitle 11	Subtitle 10	
* Number of Convictions Obtained	1	1	1	1	4
Imprisonment Time Ordered (Years)	0	0	1	1	2
Imprisonment Time To Be Served	0	0	0	0	0
Probation Ordered (Years)	2	3	18 mos	18 mos	8
Community Service Ordered (Hours)	40	0	0	40	80
Criminal Fines, Restitution & Costs Ordered	20,057.50	10,000	10,057.50	22.50	40,137.50
Criminal Fines, Restitution & Costs to be Paid	5,000	2,500	1,000	0	8,500

\* Note – A single case may involve charges from any number of the various titles.

**Environment Article (EN)**

Title 1 – Enforcement

Title 9 – Water, Ice, and Sanitary Facilities

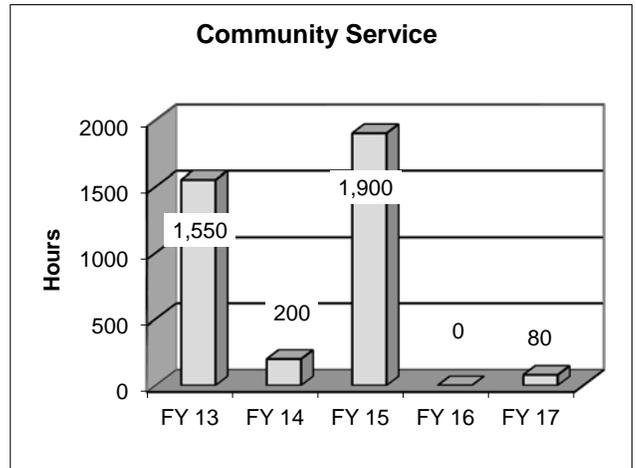
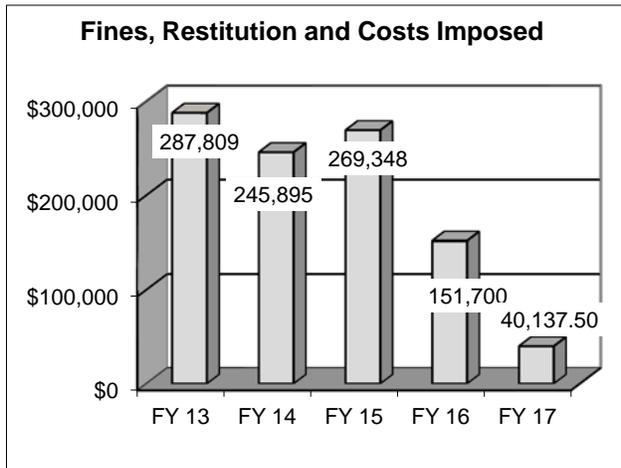
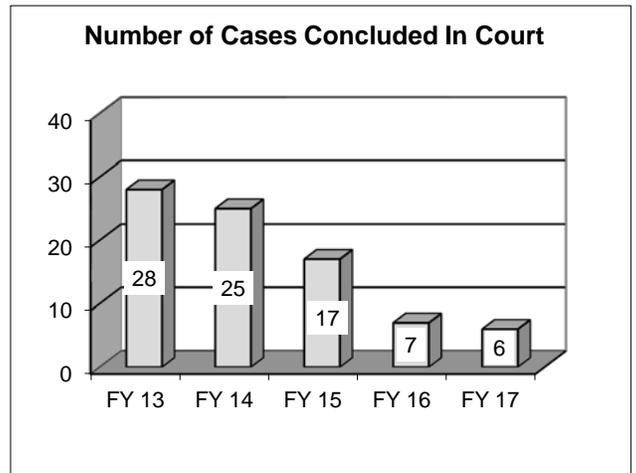
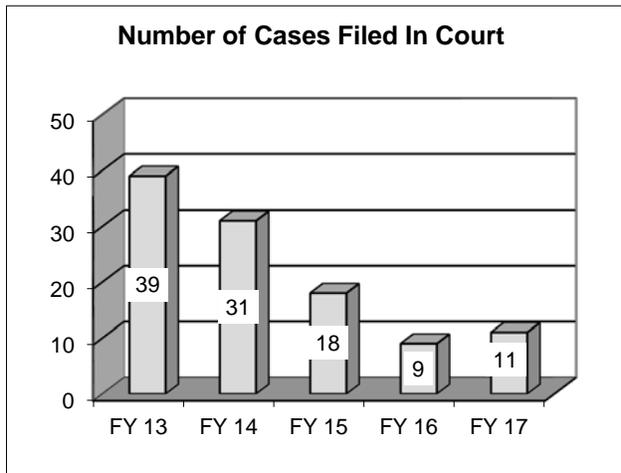
**Criminal Law Article (CL)**

Title 10 – Crimes against public health.

**Natural Resources Article (NR)**

Title 4 – Fish and Fisheries

# Environmental Crimes Unit

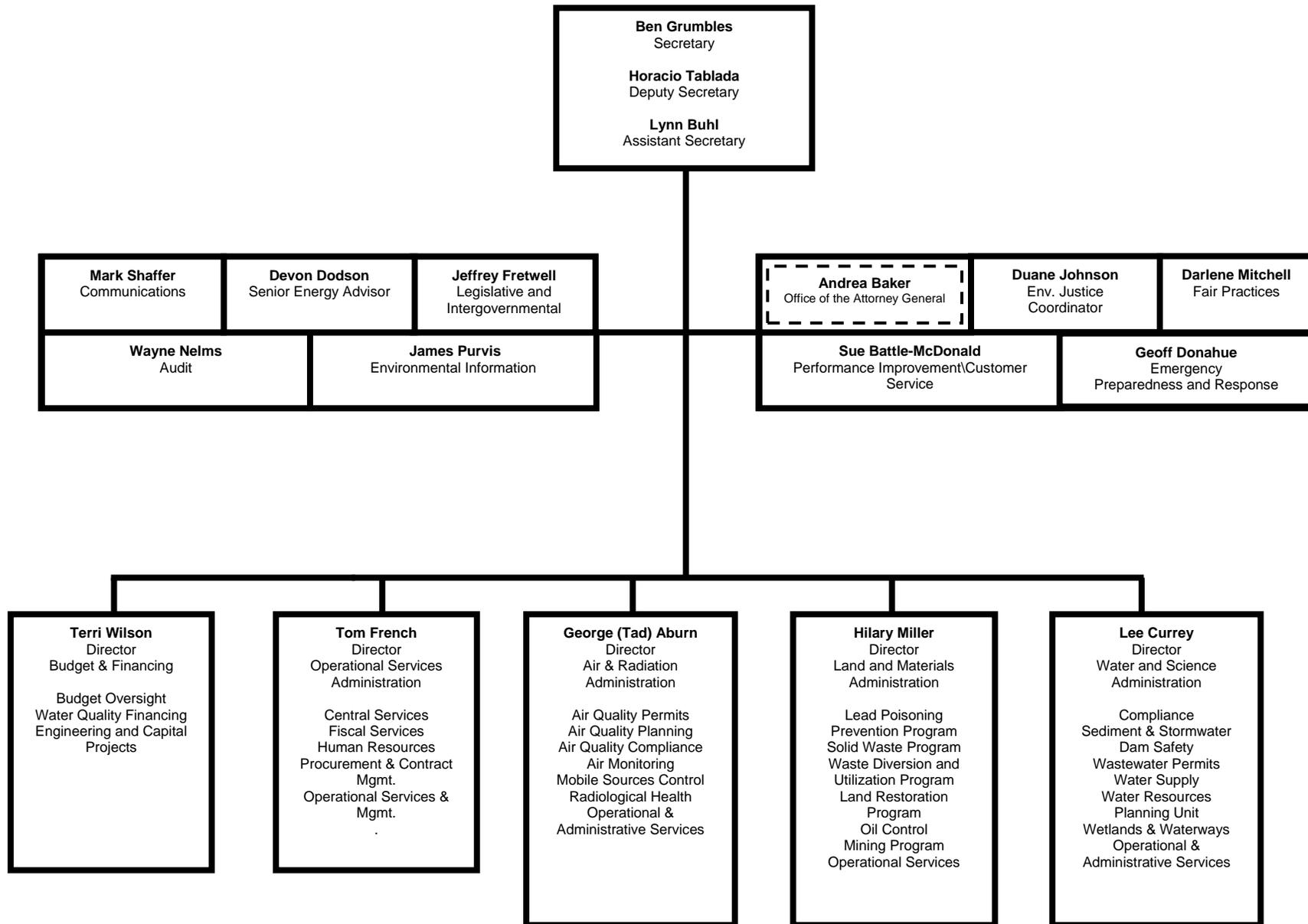


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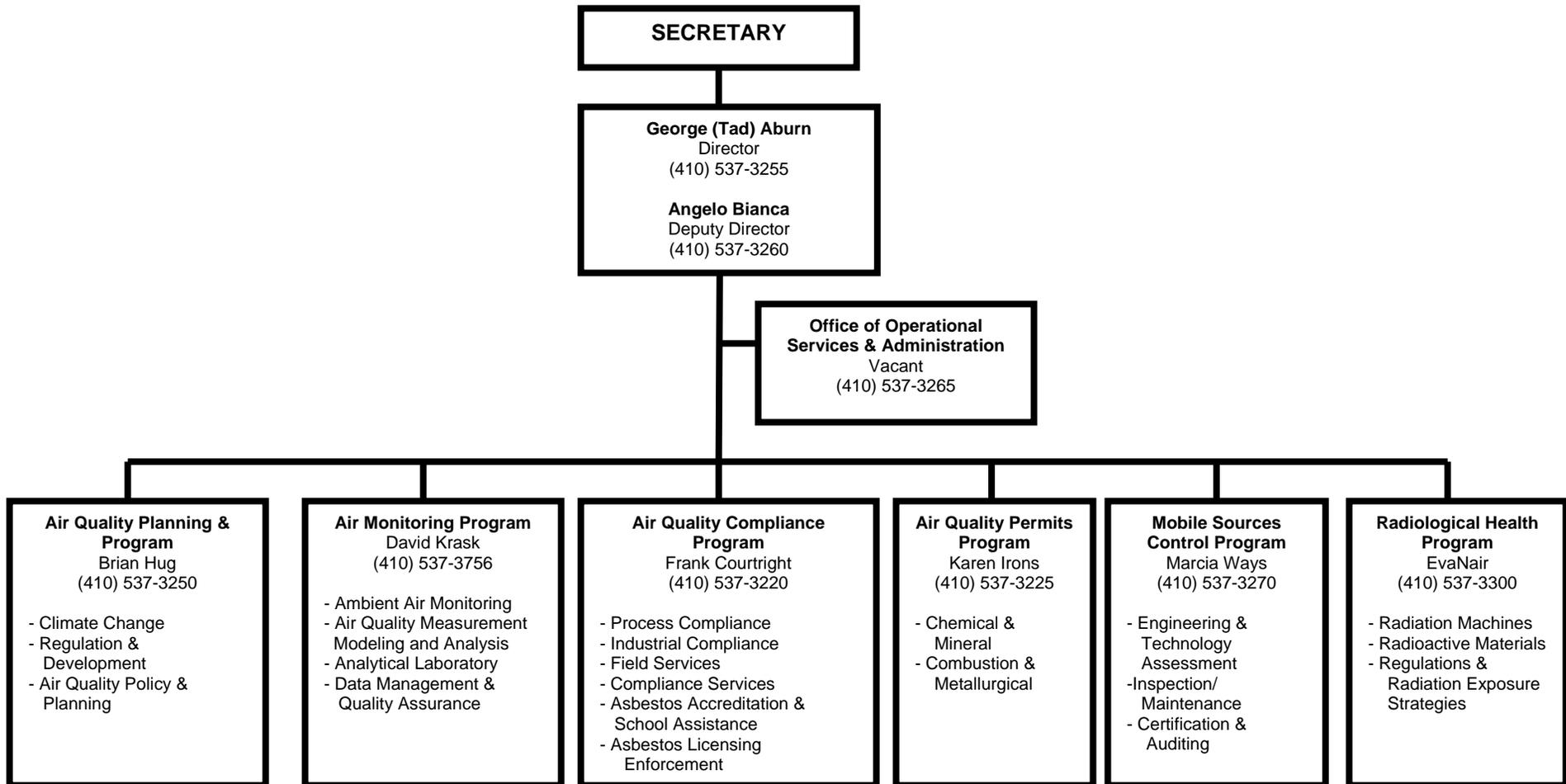
**SECTION THREE**  
**APPENDICES**

**APPENDIX A**  
**MDE Organization**

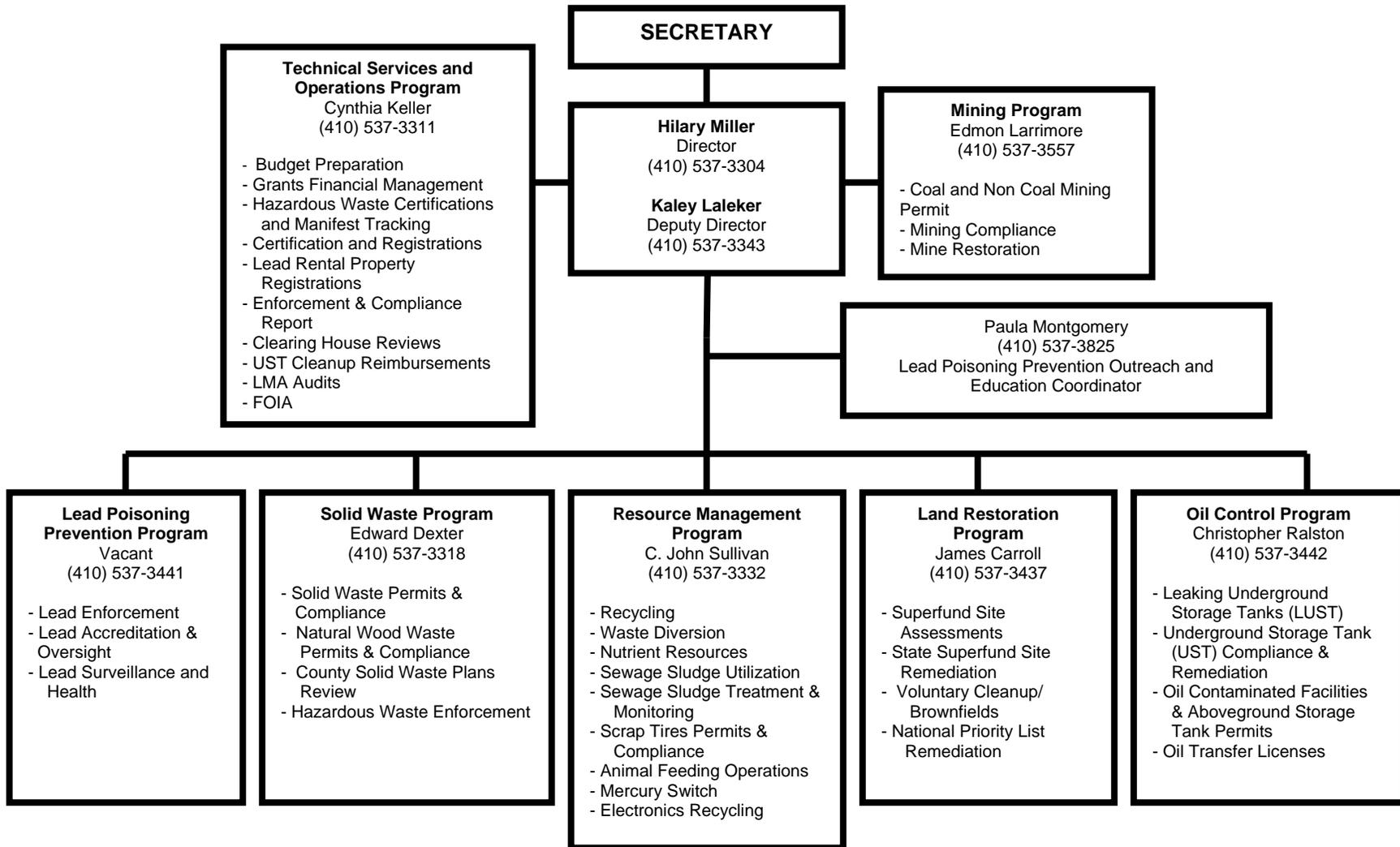
# MARYLAND DEPARTMENT OF THE ENVIRONMENT



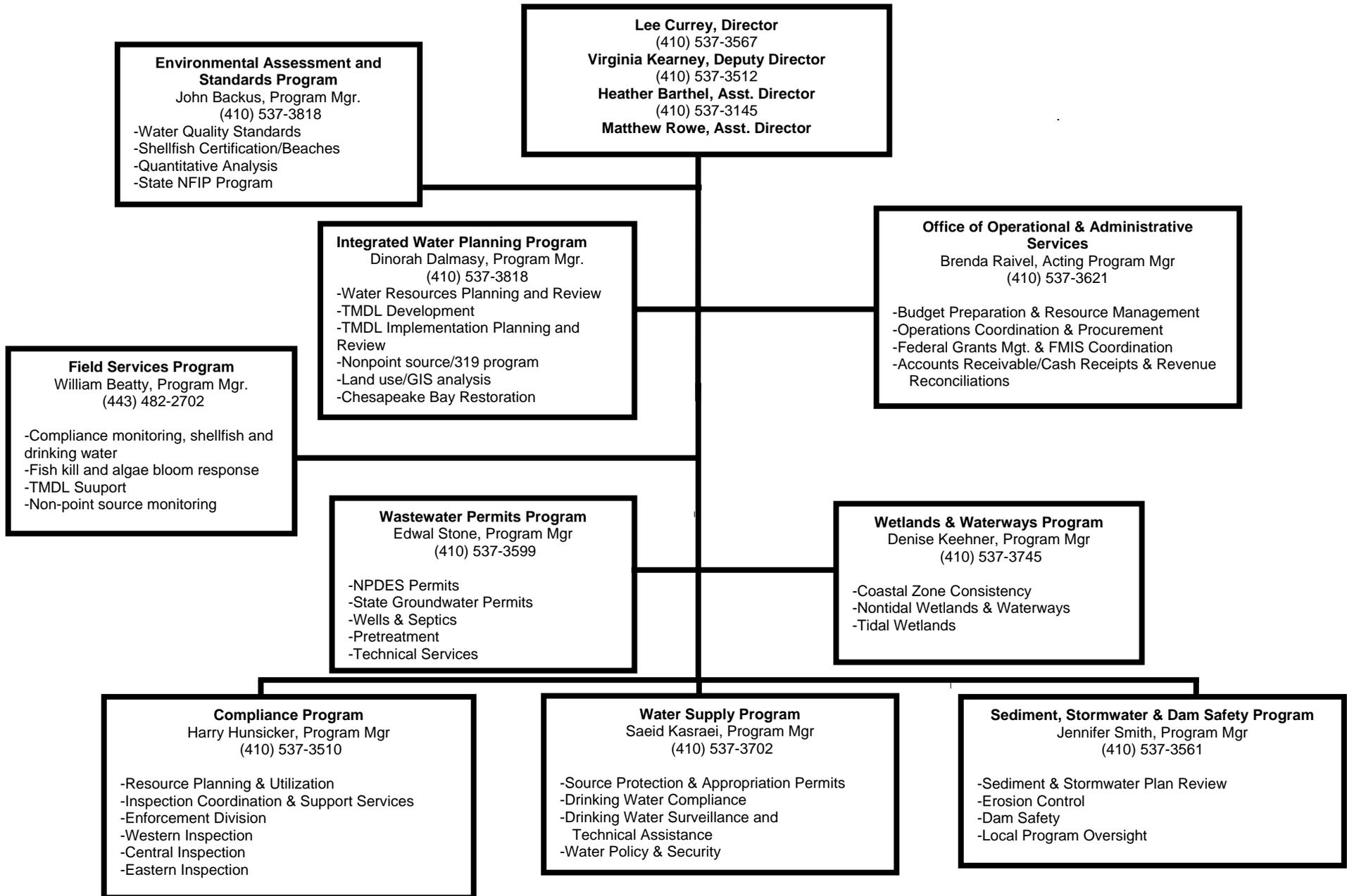
# Air and Radiation Administration



# Land and Materials Administration



# Water and Science Administration



## **APPENDIX B**

### **List of Enforcement Areas Included In This Report**

#### **ENFORCEMENT AREAS INCLUDED IN ANNUAL ENFORCEMENT AND COMPLIANCE REPORT**

1. Ambient Air Quality Control
  - a. High-Impact Facilities
  - b. Low-Impact Facilities
2. Air Quality Complaints
3. Asbestos
4. Radiological Health Program
  - a. Radiation Machines Program
  - b. Radioactive Materials Licensing and Compliance
5. Environmental Restoration and Redevelopment
6. Hazardous Waste
7. Lead Poisoning Prevention
8. Oil Aboveground Facilities
9. Oil Pollution Remediation Activities
10. Oil Underground Storage Tank Systems
11. Refuse Disposal
12. Scrap Tires
13. Sewage Sludge Utilization
14. Animal Feeding Operations
15. Natural Wood Waste Recycling
16. Mining – Coal
17. Mining – Non-Coal
18. Oil and Gas Exploration and Production
19. Electronics Recycling
20. Discharges – Groundwater (Municipal and Industrial)
21. Discharges – Surface Water (Municipal and Industrial) State and NPDES Permits
22. Discharges – Pretreatment (Industrial)
23. Stormwater Management and Erosion and Sediment Control for Construction Activity
24. Water Supply Program – Community and Non-transient Non-community Water Systems
25. Water Supply Program – Transient Non-community Water Systems
26. Water Supply Program – Laboratory Certification
27. Water Supply Program – Water Appropriation and Use
28. Waterway Construction – Dam Safety
29. Wetlands and Waterways – Non-tidal and Floodplain
30. Wetlands – Tidal
31. Water Supply and Sewerage Construction
32. Environmental Crimes Unit

## **APPENDIX C**

### **Environment Article Section 1-301(d)**

#### **§1-301(d) Report on Enforcement Activities.**

(1) (i) On or before October 1 of each year, the Secretary, in consultation with the Attorney General, shall submit to the Legislative Policy Committee, in accordance with §2-1246 of the State Government Article, a report on enforcement activities conducted by the Department during the previous fiscal year.

(ii) The report shall:

1. Include the information required under this subsection and any additional information concerning environmental enforcement that the Secretary decides to provide;
2. Be available to the public as soon as it is forwarded to the Legislative Policy Committee;
3. Include information on the total number of permits and licenses issued by or filed with the Department at any time and still in effect as of the last date of the fiscal year immediately preceding the date on which the report is filed;
4. Include information concerning specific enforcement actions taken with respect to the permits and licenses during the immediately preceding fiscal year; and
5. Include information on the type and number of contacts or consultations with businesses concerning compliance with State environmental laws.

(iii) The information required in the report under paragraph (3) of this subsection shall be organized according to each program specified.

(2) The report shall state the total amount of money as a result of enforcement actions, as of the end of the immediately preceding fiscal year:

- (i) Deposited in the Maryland Clean Air Fund;
- (ii) Deposited in the Maryland Oil Disaster Containment, Clean-up and Contingency Fund;
- (iii) Deposited in the Nontidal Wetland Compensation Fund;
- (iv) Deposited in the Maryland Hazardous Substance Control Fund;
- (v) Recovered by the Department from responsible parties in accordance with §7-221 of this article;
- (vi) Deposited in the Sewage Sludge Utilization Fund; and
- (vii) Deposited in the Maryland Clean Water Fund.

(3)(i) The report shall include the information specified in subparagraphs (ii), (iii), (iv), and (v) of this paragraph for each of the following programs in the Department:

1. Ambient air quality control under Title 2, Subtitle 4 of this article;
2. Oil pollution under Title 4, Subtitle 4 of this article;
3. Nontidal wetlands under Title 5, Subtitle 9 of this article;
4. Asbestos under Title 6, Subtitle 4 of this article;
5. Lead paint under Title 6, Subtitle 8 of this article;
6. Controlled hazardous substances under Title 7, Subtitle 2 of this article;
7. Water supply, sewerage systems, and refuse disposal systems under Title 9, Subtitle 2 of this article;
8. Water discharges under Title 9, Subtitle 3 of this article;
9. Drinking water under Title 9, Subtitle 4 of this article; and

10. Wetlands under Title 16, Subtitle 2 of this article.

(ii) For each of the programs set forth in subparagraph (i) of this paragraph, the Department shall provide the total number or amount of:

1. Final permits or licenses issued to a person or facility, as appropriate, and not surrendered, suspended or revoked;
2. Inspections, audits, or spot checks performed at facilities permitted;
3. Injunctions obtained;
4. Show cause, remedial, and corrective action orders issued;
5. Stop work orders;
6. Administrative or civil penalties obtained;
7. Criminal actions charged, convictions obtained, imprisonment time ordered, and criminal fines received; and
8. Any other actions taken by the Department to enforce the requirements of the applicable environmental program, including:
  - A. Notices of the removal or encapsulation of asbestos under §6-414.1 of this article; and
  - B. Actions enforcing user charges against industrial users under §9-341 of this article.

(iii) In addition to the information required in subparagraph (ii) of this paragraph, for the Lead Paint Program under Title 6, Subtitle 8 of this article, the report shall include the total number or amount of:

1. Affected properties registered; and
2. Inspectors or other persons accredited by the Department, for whom accreditation has not been surrendered, suspended, or revoked.

(iv) In addition to the information required in subparagraph (ii) of this paragraph, for the Controlled Hazardous Substances Program under Title 7, Subtitle 2 of this article, the report shall include the following lists, updated to reflect the most recent information available for the immediately preceding fiscal year:

1. Possible controlled hazardous substance sites compiled in accordance with §7-223 (a) of this article.
2. Proposed sites listed in accordance with §7-223 (c) of this article at which the Department intends to conduct preliminary site assessments; and
3. Hazardous waste sites in the disposal site registry compiled in accordance with §7-223 (f) of this article;

(v) In addition to the information required in subparagraph (ii) of this paragraph, for the Drinking Water Program, the report shall include the total number of:

1. Actions to prevent public water system contamination or to respond to a Safe Drinking Water Act emergency under §§9-405 and 9-406 of this article; and
2. Notices given to the public by public water systems under §9-410 of this article.

## APPENDIX D MDE Penalty Policy

### MDE's Approach to Determining the Appropriate Response to Violations

MDE is committed to a consistent, timely and appropriate compliance assurance program, which is protective of the public health and the environment while creating a credible deterrent against future violations. It is MDE's policy to assess fair and equitable penalties in keeping with the factors specified by the governing statute, and commensurate with the nature of the violations. The statutory factors that MDE must consider in assessing administrative penalties are:

1. The ***willfulness of the violation***, the extent to which the existence of the violation was known to but uncorrected by the violator, and the extent to which the violator exercised reasonable care;
2. Any ***actual harm to the environment or to human health***, including injury to or impairment of the air, waters, or natural resources of this State;
3. The ***cost of cleanup and the cost of restoration*** of the natural resource;
4. The ***nature and degree of injury to or interference*** with general welfare, health, and property;
5. The extent to which the ***location of the violation***, including the location near waters of this State or areas of human population, creates the potential for harm to the environment or to human health and safety;
6. The ***available technology*** and economic reasonableness of controlling, reducing, or eliminating the violation;
7. The degree of ***hazard posed by the particular pollutant*** or pollutants involved;
8. The extent to which the current violation is part of a ***recurrent pattern*** of the same or similar type of violation committed by the violator.

MDE will consider each of the specific factors on a case-by-case basis. While all factors set forth in the statute will be considered, it is not necessary for all of the factors to be applicable before the maximum penalty may be assessed. A single factor may warrant the imposition of the maximum penalty. Furthermore, all factors, even if applicable in a given case, are not necessarily of equal weight in MDE's determination of a reasonable penalty.

## **APPENDIX E**

### **Environmental Audit Guidance**

**(Revised 5/15/2006)**

The Maryland Department of the Environment (MDE) recognizes the benefit from regulated entities that routinely evaluate their internal work processes for compliance with federal and State environmental requirements. Equally as important as identifying violations is the reporting of such violations to MDE for proper and complete remediation and abatement. MDE encourages self-auditing and compliance management as effective environmental management techniques. MDE may use its enforcement discretion in evaluating penalties for regulated entities that disclose violations of environmental laws or regulations as provided herein.

*This guidance is not intended nor should it be construed to be a regulation as defined in Section 10-101, State Government Article. It sets forth criteria and guidelines for use by MDE staff in resolution of enforcement cases, and does not confer any legal rights upon any person.*

### **Definitions**

“Department” means the Maryland Department of the Environment.

“Environmental Audit” and “Compliance Management System” have the definitions used in the Environmental Protection Agency’s “Incentives for Self-Policing: Discovery, Disclosure, Correction and Prevention of Violations,” Final Policy Statement effective May 11, 2000:

“Environmental Audit” is a systematic, documented, periodic and objective review by regulated entities of facility operations and practices related to meeting environmental requirements.

“Compliance Management System” encompasses the regulated entity’s documented systematic efforts, appropriate to the size and nature of its business, to prevent, detect, and correct violations through various procedures, policies, mechanisms, and efforts.

“Environmental Requirement” means a requirement in (1) a state or federal law or regulation enforced by the Department, a rule adopted by the Department, a permit or order issued by the Department, or (2) an ordinance or other legally binding requirement of a local government unit under authority granted by state law relating to environmental protection.

“Regulated Entity” means a corporation, partnership, individual, municipality, governmental unit, or any other legal entity regulated under federal, state, or local environmental laws or regulations.

## **Statement of Guidance**

- A. The Department may reduce a civil or administrative penalty for violations of environmental requirements that are voluntarily disclosed following an environmental audit or as a result of compliance management if:
1. The regulated entity discloses the violation to the Department in writing within 21 days after the violation is discovered, or within a shorter time limit, if required by statute or regulation;
  2. The regulated entity promptly initiates action to correct or eliminate the violation and all public or environmental harm caused by the violation. If the violation cannot be fully corrected within 60 days, the regulated entity shall submit a compliance plan to the Department within 60 days for review. The regulated entity shall maintain compliance with the plan as approved by the Department;
  3. The regulated entity provides the Department with a plan that includes steps to prevent recurrence of the violation; and
  4. The regulated entity fully cooperates with the Department regarding investigation of the disclosed violation.
- B. The relief outlined in Section A is not available if the Department determines that:
1. The violation was discovered through a legally mandated monitoring or sampling requirement prescribed by statute, regulation, permit, judicial or administrative order, or consent agreement. The violation must be discovered voluntarily and not as a result of an environmental requirement;
  2. The Department or a third party discovered the violation prior to disclosure by the regulated entity to the Department, or the regulated entity made the disclosure after commencement of a federal, State, or local agency inspection, investigation, or request for information;
  3. The violation was committed willfully, wantonly, intentionally, knowingly, or with gross negligence by the regulated entity;
  4. The regulated entity did not promptly initiate or diligently act to correct or eliminate the violation;
  5. The violation made imminent or caused significant environmental harm or had a significant effect upon public health;

6. The same or a related violation has occurred within the past three years or the violation is part of a pattern of recurrent violations by the regulated entity. For purposes of this section, violation includes any violation of a federal, State or local environmental law or regulation identified in a judicial or administrative order, consent agreement, order or decree, complaint, or notice of violation, conviction or plea agreement; or
  7. The disclosure is made for a fraudulent purpose.
- C. This guidance is not intended for use under circumstances in which the violation(s) at issue would result in the regulated entity gaining an economic advantage over its competitors.
  - D. This guidance does not affect individual liability for criminal misconduct.
  - E. This guidance does not apply to liability under a judicial or administrative order, consent agreement, order or decree, complaint, notice of violation, conviction or plea agreement.
  - F. Relief under this guidance shall not be available if the Department receives formal notification from the delegating federal agency of that agency's intention to propose rescission of the Department's authority over the applicable federal environmental program.

Original signed by Secretary Philbrick  
Kendl P. Philbrick  
Secretary, Maryland Department of  
the Environment

May 15, 2006  
Date

## APPENDIX F Supplemental Environmental Projects

A Supplemental Environmental Project (SEP) is an enforcement tool that augments traditional penalty actions. They are important because the projects provide direct environmental benefits to communities beyond those achieved by facilities returning to compliance. The Air and Radiation Administration, the Land and Materials Administration and the Water and Science Administration all made use of SEPs during FY 2016 totaling \$1,019,000. The administrations issued three SEPs during FY 2017. Details about each administration's SEPs are on the following pages.

Administration	Number of SEPs		Total Value of SEPs	
	2016	2017	2016	2017
Air and Radiation Administration	0	1	0	\$15,000
Land and Materials Administration	3	1	\$964,000	\$4,000
Water and Science Administration	3	1	\$1,358,000	\$1,000,000
<b>TOTALS</b>	<b>6</b>	<b>3</b>	<b>\$2,322,000</b>	<b>\$1,019,000</b>

## **Air and Radiation Administration SEPs, FY 2017**

Total SEPs: 1

Total Value: \$15,000

Lifoam Industries - Consent Order signed in October 2016 with penalty & SEP (\$15,000 project) for Electric Vehicle (EV) Charging Stations

## Land and Materials Administration SEPs, FY 2017

Total SEPs: 1

Total Value: \$4,000

The Land and Materials Administration issued one SEP in FY 2017 for a lead enforcement case. The SEP required the property owner to replace all windows in their affected rental unit containing lead based paint. The following table lists the individual SEP.

<b>Program</b>	<b>Case #</b>	<b>Property Owner</b>	<b>Description</b>	<b>SEP Value</b>
Lead	16-30-21081	Kim Jensen	1 - SEP, Units Requiring Window Replacement	\$4,000

## **Water and Science Administration SEPs, FY 2017**

Total SEPs: 1

Total Cost: \$1,000,000

NRG Chalk Point – The SEP consists of three projects: oyster restoration in the Potomac River, restoration of Hance Pond, and the installation of a pervious parking lot for the Town of Eagle Harbor.

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**APPENDIX G**  
**Brownfield Master Inventory List – Active Sites**

**Allegheny County**

BMI#: MD1766  
 Artmor Plastics Corporation  
 Site Alias: Allegheny Instrument Company  
 Location: 1000 Wills Mountain Road, Cumberland

BMI#: MD1008  
 Brock Steel Company And Larry Brock DBA Brock Equipment Co.  
 Site Alias: Queen City Metals & Recycling  
 Location: 220 West King Street, Cumberland

BMI#: MD0003  
 Cabin Run Landfill  
 Site Alias:  
 Location: Cabin Run Road, Frostburg

BMI#: MD0031  
 Celanese Fibers Co. - Amcelle Plant  
 Site Alias: Celanese Amcelle; Celanese Site Fire Training Center; Celanese Fibers Co.; Celanese Amcelle Landfill  
 Location: Route 220 South - 5 miles west of Cumberland, Cumberland

BMI#: MD1174  
 Country House LLC  
 Site Alias:  
 Location: 15 Cumberland Street, Cumberland

BMI#: MD1206  
 CSX Former Bolt and Forge Site  
 Site Alias: Rolling Mill  
 Location: Williams Street and Maryland Avenue, Cumberland

BMI#: MD1902  
 CSXT Locomotive Shop  
 Cumberland  
 Site Alias:  
 Location: 16 East Offut Street, Cumberland

BMI#: MD0628  
 Deluxe Cleaners  
 Site Alias:  
 Location: 32 West Mechanic Street, Frostburg

BMI#: MD1020  
 Footer's Dye Works (Canal Place)  
 Site Alias:  
 Location: 27 Howard Street, Cumberland

BMI#: MD1272  
 Former Sacred Heart Hospital  
 Site Alias:  
 Location: 215 Decatur Street, Cumberland

BMI#: MD0197  
 Frostburg Gas & Light Company  
 Site Alias:

Location: 75 South Grant Street, Frostburg

BMI#: MD0969  
 Highway Petroleum Inc  
 Site Alias:  
 Location: 1002 Virginia Avenue, Cumberland

BMI#: MD0004  
 Hoffman Landfill  
 Site Alias:  
 Location: Frostburg Industrial Park, Route 236; Route 36 Hoffman Village, Frostburg

BMI#: MD0410  
 Kelly Springfield Tire Co.  
 Site Alias:  
 Location: 800 Kelly Road, Cumberland

BMI#: MD0042  
 Koppers Company - Old Town  
 Site Alias: Charles Walters Site  
 Location: Ruby Road, Old Town

BMI#: MD0084  
 Limestone Road Site  
 Site Alias: Cumberland Cement & Supply; Diggs Sanitation  
 Location: Limestone Road off Route 51, Cumberland

BMI#: MD0139  
 Old Cumberland City/County Dump  
 Site Alias:  
 Location: Limestone Road, Cumberland

BMI#: MD0005  
 Vale Summit Landfill I  
 Site Alias: Allegheny Coal and Land Company  
 Location: Haul Road; 0.25 miles from intersection with Route 36, Frostburg

**Anne Arundel County**

BMI#: MD1676  
 1719 Elkridge Drive  
 Site Alias:  
 Location: 1719 Elkridge Drive, Edgewater

BMI#: MD1761  
 1800 Block West Street  
 Site Alias: West Street PCE Investigation  
 Location: 1800 Block of West Street, Annapolis

BMI#: MD1723  
 41 & 43 Spa Road and 285 West Road  
 Site Alias: Duckett and Hottel; Spa West LP; Crown Central Petroleum, G&M Imports, R&R Auto Sales, Bay Auto Sales, Arundel Laundry & Cleaners  
 Location: 41 & 43 Spa Road and 285 West Street, Annapolis

BMI#: MD0824  
 7603 Energy Parkway  
 Site Alias: Brandon Woods Business Park; Commerce Corporation  
 Location: 7603 Energy Parkway, Baltimore

BMI#: MD1588  
 8531-8541 Fort Smallwood Road  
 Site Alias: Rock Creek Village Shopping Center; Rock Creek Shopping Center  
 Location: 8531-8541 Fort Smallwood Road, Pasadena

BMI#: MD0362  
 B&O Railroad Landfill  
 Site Alias:  
 Location: Kembo Road and Fort Smallwood Road, Baltimore

BMI#: MD0811  
 Bausum Property  
 Site Alias:  
 Location: 2654 Riva Road, Annapolis

BMI#: MD1755  
 Bill's North Odenton Shopping Center  
 Site Alias: 1692 Annapolis Road  
 Location: 1692 Annapolis Road, Odenton

BMI#: MD1871  
 Brandon Woods Phase III  
 Site Alias: Part of Brandon Woods Business Park  
 Location: 7599 Perryman Court, Glen Burnie

BMI#: MD0107  
 Browning Ferris Industries - Elkridge Landing Road  
 Site Alias:  
 Location: Elkridge Landing Road; P.O. Box 8643, Linthicum

BMI#: MD0006  
 Browning Ferris Industries - Solley Road Landfill - BFI  
 Site Alias: BFI - Solley Rd (MD-043 & MD-008); Solley Road Landfill - BFI  
 Location: 7890 Solley Road, Glen Burnie

BMI#: MD1079  
 BWI Airport  
 Site Alias:  
 Location: Aviation Boulevard, BWI Airport, Baltimore

BMI#: MD1492  
 Cape St. Claire Shell #29  
 Site Alias:  
 Location: 1318 Cape St. Claire Road, Annapolis

BMI#: MD1769  
 Cedar Hill - Land Area D  
 Site Alias: James Lee Margie B. Lee; Glen Abbey II LLC, Glen Abbey, LLC, Daniel Vaughn,

Jesse Blanton, Charles Hamlen, Jr.  
 Location: 325, 339, 345 Cedar Hill Lane and an unspecified address on Cedar Hill Lane, Baltimore

BMI#: MD0966  
 Cedar Hill - Land Area A  
 Site Alias: Snow Hill Lane Site Phase IV  
 Location: Parcel 60, northeast of interchange of Route 2 and I-695, Brooklyn

BMI#: MD1768  
 Cedar Hill - Land Area B  
 Site Alias: includes Snow Hill Lane, Phase I (MD-0934) and Snow Hill Lane, Phase II (MD-1396); Glen Abbey Property; also located in zip cod  
 Location: Snow Hill Lane (Parcel 34) and Arundel Corporation Road (Parcel 43), Glen Burnie

BMI#: MD1418  
 Cedar Hill - Land Area C  
 Site Alias: Previously known as Parcel 247  
 Location: 1600 Aspen Street, Baltimore

BMI#: MD0800  
 Centre at Wayson's Corner  
 Site Alias:  
 Location: 5481 Southern Maryland Boulevard, Lothian

BMI#: MD1657  
 Concorde Circle Phase II Development, Lot 6B  
 Site Alias:  
 Location: Airport Square Technology Park, Linthicum Heights

BMI#: MD0456  
 Cox Creek Dredge Containment Facility and Expansion  
 Site Alias: Cox Creek Refining, Cristal Chemical, Millennium Chemical Curtis Bay  
 Location: 1000 Kembo Road, Curtis Bay

BMI#: MD0758  
 Crownsville Hospital Center  
 Site Alias: Crownsville State Hospital  
 Location: 1520 Crownsville Road, Crownsville

BMI#: MD0203  
 David Taylor/Annapolis Launch  
 Site Alias: Bay Head Road Nike Launch (C03MD0236)  
 Location: Bay Head Road, Annapolis

BMI#: MD1282  
 Eastport Shopping Center  
 Site Alias:

Location: Corner of Bay Ridge Avenue and Chesapeake Avenue, Annapolis

BMI#: MD0107  
Elkridge Landing Road - BFI  
Site Alias: BFI-Elkridge Landing Road (MD-168)  
Location: P.O. Box 8643 Elkridge Landing Road, Baltimore

BMI#: MD0889  
Energy Parkway  
Site Alias:  
Location: 7621 Energy Parkway, Baltimore

BMI#: MD1146  
Flecknoe Residence - Hardy Road  
Site Alias: Adjacent to A.S. Pearmon  
Location: 1286 Hardy Road, Arnold

BMI#: MD1242  
Former Rainbow Cleaners  
Site Alias:  
Location: 1801 West Street, Annapolis

BMI#: MD1319  
Former Reichold Site  
Site Alias: NL Chemicals, NL Industries Baltimore, Textron Inc  
Location: 6401 Chemical Road, Baltimore

BMI#: MD1456  
Formica Property  
Site Alias: National Plastics Prod; Nevamar/International Paper  
Location: 8305 Telegraph Road, Odenton

BMI#: MD0208  
Fort Smallwood - Control Nike BA-43  
Site Alias: C03MD0240  
Location: Old Nike Missile Site Road (off Fort Smallwood Road), Pasadena

BMI#: MD0207  
Fort Smallwood - Launch Nike BA-43  
Site Alias: C03MD0240  
Location: 9034 Fort Smallwood Road, Pasadena

BMI#: MD0599  
Generals Highway Sanitary Landfill  
Site Alias: Johnson Dump  
Location: 1700 block of Generals Highway, Annapolis

BMI#: MD0336  
GSA Curtis Bay Depot  
Site Alias: Defense Logistics Agency, Curtis Bay Depot  
Location: 710 Ordnance Road, Baltimore

BMI#: MD1443

Harundale Well Field  
Site Alias: Harundale Plaza/ Mall; Lord Baltimore Cleaners  
Location: 7700 Ritchie Highway, Glen Burnie

BMI#: MD1358  
Headquarters I & II  
Site Alias: Headquarters Commercial Center  
Location: 401-407, 406-415 Headquarters Drive, Millersville

BMI#: MD0796  
Honeywell Inc  
Site Alias:  
Location: 2nd Street Extension Greenwood Acres, Annapolis

BMI#: MD0158  
Honeywell Inc.  
Site Alias: Alliant Techsystems; Windemere Information Technology Systems (WITS), Hopkins Engineering  
Location: 401 Defense Highway, Annapolis

BMI#: MD1830  
J.H. Holt Sanitary Landfill #2  
Site Alias:  
Location: 936 Fiorenza Drive, Lothian

BMI#: MD1089  
Joey's Septic  
Site Alias:  
Location: 1576 Gray's Ford Road, Odenton

BMI#: MD0073  
Joy Reclamation Company  
Site Alias: Phelps Co.  
Location: 402 Arundel Corporation Road, Glen Burnie

BMI#: MD0286  
Kop-Flex, Inc.  
Site Alias: 101 Harmans Road; EMERSUB 16, LLC  
Location: 7565 Harmans Road, Hanover

BMI#: MD1642  
Lindamoore Neighborhood  
Site Alias: Multiple Addresses in Lindamoore Neighborhood  
Location: Multiple Streets in Lindamoore, Annapolis

BMI#: MD1880  
Lusby Crossroads  
Site Alias: Gomuļjak Dump; I-97 SC D1 #76020 & 76038  
Location: West of I-97, North of Broad Creek, Annapolis

BMI#: MD1197  
Marley Neck Property  
Site Alias:  
Location: Marley Neck Road and Marley Neck Boulevard, Glen Burnie

BMI#: MD1650

Marley Neck Townhouses  
Site Alias: Baldwin Property; Bell Property; Higgins Property  
Location: Marley Neck Road, Parcels 57-60, 234 & 357, Glen Burnie

BMI#: MD1141  
Maryland Pennysaver Group  
Site Alias:  
Location: 408 Headquarters Drive, Millersville

BMI#: MD0484  
MCS Baltimore Site  
Site Alias:  
Location: 605 Pittman Road, Baltimore

BMI#: MD1526  
Niermann Weeks Company, Inc.?  
Site Alias:  
Location: 760 General's Highway, Millersville

BMI#: MD1838  
Old Towne Cleaners  
Site Alias:  
Location: Brightview Drive; Brightview Business Complex, Millersville

BMI#: MD1228  
Patriot's Plaza  
Site Alias: Former Ida's Dry Cleaning  
Location: 8039 Ritchie Highway, Pasadena

BMI#: MD0503  
Pennington Avenue Landfill  
Site Alias:  
Location: 1501 Aspen Street, Baltimore

BMI#: MD1884  
Ridings at North Branch  
Site Alias:  
Location: 1635-1685 Underwood Road, Gambrills

BMI#: MD0201  
Snow Hill Lane Site  
Site Alias: Portion of property is VCP  
Location: Snow Hill Lane and Cedar Hill Lane, Brooklyn

BMI#: MD1139  
Snow Hill Lane Site Phase III  
Site Alias:  
Location: (Parcel 46); Abutting Snow Hill Lane Phase II, Brooklyn

BMI#: MD1406  
Snow Hill Lane Site Phase V  
Site Alias:  
Location: Aspen Street And Pennington Avenue, Brooklyn

BMI#: MD1090  
Spa Creek Landfill  
Site Alias: Providence Recycling Center

Location: 965 Spa Road, Annapolis

BMI#: MD1091  
Tanyard Cove  
Site Alias:  
Location: Northwest end of Tanyard Cove Road, Glen Burnie

BMI#: MD0406  
U.S. Coast Guard - Curtis Bay  
Site Alias: Coast Guard Yard  
Location: 2401 Hawkins Point Road, Baltimore

BMI#: MD0063  
U.S. Naval Academy  
Site Alias:  
Location: Badger and Sollers Road on USNA Base; Public Works Department, Annapolis

BMI#: MD0334  
U.S. Naval Station Annapolis  
Site Alias:  
Location: Annapolis Naval Complex, Annapolis

BMI#: MD0067  
USA Fort George G. Meade  
Site Alias: Fort Meade  
Location: Annapolis Road, Fort Meade

BMI#: MD0059  
USN Commissary Store Park Lot Area South  
Site Alias:  
Location: 321 Kinkaid Road, Annapolis

BMI#: MD1870  
Walton and Johnson Landfill  
Site Alias:  
Location: 920 Governor's Bridge Road, Davidsonville

BMI#: MD1095  
Waugh Chapel  
Site Alias: Old Waugh Chapel Road Study Area  
Location: 510-654 Old Waugh Chapel Road; 1360-1384 Galloway Road, Odenton

BMI#: MD0192  
Woods Road Site  
Site Alias: Formerly Old Hall's Dump  
Location: End of Woods Road, Pasadena

**Baltimore City**

BMI#: MD0725  
101 Garrett Street  
Site Alias:  
Location: 101 Garrett Street, Baltimore

BMI#: MD1460  
1100 James Street  
Site Alias: B & O Railroad Company Stables

Location: 1100 James Street, Baltimore

BMI#: MD0737  
120-250 West Dickman Street  
Site Alias: Atlantic Forest Products; AFP Properties, LLC; 240 West Dickman St (previous VCP)  
Location: 120-250 West Dickman Street, Baltimore

BMI#: MD1572  
1220 Towson Street Property  
Site Alias: John H. Burke & Company, Inc.  
Location: 1220 Towson Street, Baltimore

BMI#: MD1096  
1236 & 1240 West Pratt Street  
Site Alias:  
Location: 1236 & 1240 West Pratt Street, Baltimore

BMI#: MD1847  
1238 Light Street  
Site Alias: Seidel Cleaners, 1240 Light Street, 1242 Light Street  
Location: 1238 Light Street, Baltimore

BMI#: MD1746  
1301 Warner Street  
Site Alias:  
Location: 1301 Warner Street, Baltimore

BMI#: MD1028  
1301 Wicomico Street  
Site Alias: Durrette-Shepard Steel Company  
Location: 1301 Wicomico Street, Baltimore

BMI#: MD1454  
1302 Key Highway  
Site Alias: formerly Countess Service Center  
Location: 1302 Key Highway, Baltimore

BMI#: MD1737  
1321 Western Avenue  
Site Alias: Winchester Homes, Inc.  
Location: 1321 Western Avenue, Baltimore

BMI#: MD1654  
1323 Key Highway Property  
Site Alias: 1321 Key Highway; Globe Brewing Company  
Location: 1323 Key Highway, Baltimore

BMI#: MD1609  
1325-1381 Western Avenue  
Site Alias: Washington Lumber Company, Montgomery Ward Co Freight Terminatl, Winchester Homes Warehouse, Mygrant Glass, Pamarco Global Gra  
Location: 1325-1381 Western Avenue, Baltimore

BMI#: MD1741  
1401 Woodall Street  
Site Alias:  
Location: 1401 Woodall Street, Baltimore

BMI#: MD0901  
1421 Lawrence Street  
Site Alias:  
Location: 1421 Lawrence Street, Baltimore

BMI#: MD0858  
1440 Key Highway  
Site Alias:  
Location: 1440 Key Highway, Baltimore

BMI#: MD0894  
1520-1530 and 1600 Beason Street  
Site Alias: Perishable Deliveries, Inc.  
Location: 1520-1530 and 1600 Beason Street, Baltimore

BMI#: MD1713  
1600 Harford Avenue  
Site Alias: Former Stop, Shop & Save  
Location: 1600 Harford Avenue, Baltimore

BMI#: MD0923  
1645 Warner Street  
Site Alias: Part of Warner Street Properties (VCP) and Gateway South aand Warner Properties (VCP)  
Location: 1645 Warner Street, Baltimore

BMI#: MD1747  
1650 Union Avenue  
Site Alias: Pepsi Bottling Plant  
Location: 1650 Union Avenue, Baltimore

BMI#: MD1196  
1800-1818 Hanover Street  
Site Alias: Middleton and Mead  
Location: 1800,1818 and 1900 Hanover Street, Baltimore

BMI#: MD0892  
1801 East Oliver Street and 1731 Llewelyn Avenue Property  
Site Alias: Baltimore City Water Department Pumping Station; Clendenin Brothers Tacks and Nails Mfg, Roman Fuel Co, Baltimore Bureau of Wat  
Location: 1801 East Oliver Street and 1731 Llewelyn Avenue, Baltimore

BMI#: MD1649  
201 and 211 West McComas Street  
Site Alias:  
Location: 201 and 211 West McComas Street, Baltimore

BMI#: MD1753  
203 West McComas Street  
Site Alias:  
Location: 203 West McComas Street, Baltimore

BMI#: MD1781  
205 and 213 West McComas Street  
Site Alias:  
Location: 205, 207 and 213 West McComas Street, Baltimore

BMI#: MD1899  
209 West McComas Street  
Site Alias:  
Location: 209 West McComas Street, Baltimore

BMI#: MD1353  
2101 East Pratt Street  
Site Alias:  
Location: 2101 East Pratt Street, Baltimore

BMI#: MD1619  
2101 Race Street  
Site Alias: Schuster Concrete; Lyon Conklin  
Location: 2101 Race Street and 151 McComas Street, Baltimore

BMI#: MD1897  
2300 South Hanover Street  
Site Alias: CALC, Center for Aquatic Life and Conservation  
Location: 2300 South Hanover Street, Baltimore

BMI#: MD1564  
2700 Block Property  
Site Alias: Millers Square  
Location: 301 West 28th Street, 2700, 2718, 2722, 2724 Remington Avenue, 310 W27th Street, 2727-2733 Fox Street, Baltimore

BMI#: MD1565  
2800 Block Property  
Site Alias: Millers Square  
Location: 301 West 29th Street, Baltimore

BMI#: MD1232  
2804 Wilkens Avenue  
Site Alias: Coyne Textile Services or 2806 Wilkens Avenue  
Location: 2804 Wilkens Avenue, Baltimore

BMI#: MD0757  
2940 Waterview Avenue  
Site Alias: Coastal Tank Lines, R&E Hauling and Leasing Co., Riteway Transport Co., Calvert Trash Systems, Durham School Services  
Location: 2940 Waterview Avenue, Baltimore

BMI#: MD1401  
301 East Cromwell Street  
Site Alias: Port Covington - Parcel B; CSX Port Covington Property;

Location: 301 East McComas Street, East Cromwell Street, Baltimore

BMI#: MD1894  
3400 Boston Street  
Site Alias: Kaufman Electric Company  
Location: 3400 Boston Street, Baltimore

BMI#: MD1064  
3700 Potee Street  
Site Alias: 3640 Potee; Potee Street Junkyard  
Location: 3700 Potee Street, Baltimore

BMI#: MD1744  
3800 Buena Vista Avenue  
Site Alias: Ober Woodworking  
Location: 3800 Buena Vista Avenue, Baltimore

BMI#: MD1436  
424 through 438 East Oliver Street  
Site Alias: Lord Baltimore Press; 1500 Greenmount  
Location: 424-438 East Oliver St, Baltimore

BMI#: MD1065  
4400 Reisterstown Road  
Site Alias:  
Location: 4419-4431, 4501-4551 Reisterstown Road, Baltimore

BMI#: MD1620  
4701 O'Donnell Street  
Site Alias: Lenmar  
Location: 4701 O'Donnell Street, Baltimore

BMI#: MD1004  
5600 Lombard Street  
Site Alias:  
Location: 5600 Lombard Street, Baltimore

BMI#: MD1455  
7 Acre AK Steel Parcel  
Site Alias:  
Location: 1120 Edison Highway, Baltimore

BMI#: MD1690  
800 Fleet Street  
Site Alias: Della Notte; Mo's Crab and Pasta Factory; Duker Alley  
Location: 801 Eastern Avenue, 502 Albemarle Street, Baltimore City Duker Alley, Baltimore

BMI#: MD1070  
806 North Haven Street  
Site Alias:  
Location: 806 North Haven Street, Baltimore

BMI#: MD0817  
950 South Caroline Street  
Site Alias:  
Location: 950 South Caroline Street, Baltimore

BMI#: MD0608 Academy Cleaners Site Alias: Location: 5219 York Road, Baltimore	Site Alias: Part of Carr Lowery Glass Corp (VCP Site) Location: 2201 Kloman Street, Baltimore	Baltimore Sun Site Alias: Sun Park Printing Facility Location: 300 East Cromwell Street, Baltimore	BMI#: MD0659 Bugle Rental Site Alias: 1501 N, Chester Location: 1501 North Chester Street, Baltimore
BMI#: MD1840 ACECO Site Alias: Location: 285 South Hilton Street, Baltimore	BMI#: MD1810 Apex Cleaners Site Alias: Location: 218 E Baltimore St, Baltimore	BMI#: MD1666 Barclay Square Properties Site Alias: Greenmount Avenue Consolidated Location: East 20th Street, East 21st Street, and Worsley Streets, Baltimore	BMI#: MD0971 Cambrex Facility Site Alias: Part of property entered VCP (Lombard Street Property - 5901 E. Lombard St.) Location: 5901 - 6001 Lombard Street, Baltimore
BMI#: MD1181 Acme Business Park - Rosemont Site Alias: Location: 2120 West Lafayette Avenue, Baltimore	BMI#: MD1224 Armistead Gardens/Herring Run EPA SI Site Alias: Lower Herring Run Park Location: End of Alricks Way, Baltimore	BMI#: MD0161 Bayard Station Site Alias: Location: Bayard Street and Nanticoke Street, Baltimore	BMI#: MD1905 Canton Crossing Site Alias: Location: 1516 Baylis Street and 1501 Highland Avenue, Baltimore
BMI#: MD0473 Ainsworth Paint Mfg Site Site Alias: Location: 3200 East Biddle Street, Baltimore	BMI#: MD1386 Auto Repair Facility Site Alias: Automobile Repair Facility Location: 1539 North Calvert Street, 201-215 East Federal Street, Baltimore	BMI#: MD1698 Bea Sharp Cleaners Site Alias: Location: 2303-9 E. Jefferson Street, Baltimore	BMI#: MD1670 Canton Crossing Dock Area (Lot 001) Site Alias: COPT Dock Area, Exxon Main Terminal Location: 1410 South Clinton Street, Baltimore
BMI#: MD0010 Allied Chemical - Agriculture Plant Site Alias: Location: 2000 Race Street, Baltimore	BMI#: MD0578 Autobahn Motors Site Alias: Location: 3704 South Hanover Street, Baltimore	BMI#: MD0466 Bloede Manufacturing Site Alias: Location: 700 block of Caton Avenue, Baltimore	BMI#: MD1671 Canton Crossing Dock Area (Lot 002) Site Alias: COPT Dock Area, Exxon Main Terminal Location: 1460 South Clinton Street, Baltimore
BMI#: MD0013 Allied Chemical Corp. - Baltimore Works Site Alias: Honeywell, Inc Location: Block Street and Wills Street, Baltimore	BMI#: MD1811 B&O Chesapeake Site Alias: Location: 1225 S Chesapeake Ave, Baltimore	BMI#: MD0554 Bohager Site Alias: Pennington Avenue Landfill Location: Aspen Street, Baltimore	BMI#: MD1672 Canton Crossing Dock Area (Lot 003) Site Alias: COPT Dock Area Location: 1500 South Clinton Street, Baltimore
BMI#: MD1841 Allied Machinery and Service Company Site Alias: Location: 3021 East Madison Avenue, Baltimore	BMI#: MD1783 Baltimore American Ice Co. Site Alias: Location: 2100 West Franklin Street, Baltimore	BMI#: MD0922 Boston at Conkling (2 Parcels) Site Alias: Obrecht Brothers Parcels 1 & 2; Gunther Brewer VCP Sites Location: Boston Street and Conkling Street, Baltimore	BMI#: MD1673 Canton Crossing Dock Area (Lot 004) Site Alias: COPT Dock Area, Exxon Main Terminal Location: 1520 South Clinton Street, Baltimore
BMI#: MD0652 American Cleaners Site Alias: Location: 1600 Light Street, Baltimore	BMI#: MD0940 Baltimore City Ordnance Facility Site Alias: Washington Boulevard Plant - Koppers Co (C03MD1018); Baltimore Ordnance Plant Location: 3141-3143 and 2900- 3103 Washington Avenue, Baltimore	BMI#: MD0154 Bowley's Lane Landfill Site Alias: Herring Run Study Location: 6101 Bowleys Lane, Baltimore	BMI#: MD1898 Canton Crossing Retail Phase 2 Site Alias: Standard Oil Refinery; Exxon/Exxon Mobil Location: 3901 Boston Street, Baltimore
BMI#: MD0011 American Recovery Company, Inc. (Curtis Bay Facility) Site Alias: American Recovery Corporation (MD-103); 2001 Benhill Avenue (MD-103) Location: 1901 Birch Street, Baltimore	BMI#: MD1011 Baltimore City Solid Waste Facility Site Alias: Location: 701 Reedbird Avenue, Baltimore	BMI#: MD1816 Braddish Avenue Landfill Site Alias: Blue Ridge Fuel Corporation Location: 1300 Braddish Avenue, Baltimore	BMI#: MD0856 Canton East - Lot 18A Site Alias: 1212 East Apartments Location: 1220 South East Avenue, Baltimore
BMI#: MD1118 American Visionary Arts Museum Site Alias: Location: 820 Key Highway, Baltimore	BMI#: MD1812 Baltimore City Zoo Dump Site Alias: Location: Druid Hill Park, Baltimore	BMI#: MD0019 Browning Ferris Industries - Quarantine Road Site Alias: Portion of SCM Corp. Quarantine Rd Dump MD-009; Quarantine Road - BFI Location: 5901 Quarantine Road, Baltimore	BMI#: MD1848 Capitol Cleaners Site Alias: Location: 1525 West Baltimore Street, Baltimore
BMI#: MD1809 Amesteam Generators Site Alias: Location: 219 East 25th Street, Baltimore	BMI#: MD0921 Baltimore Museum of Industry Site Alias: Location: 1415 and 1437 Key Highway, Baltimore	BMI#: MD1845 Brusowankin and Sons Dry Cleaners Site Alias: Location: 925 East Baltimore Street, Baltimore	BMI#: MD1817 Cardinal Gibbons High School Dump Site Alias: St. Mary's Industrial School
BMI#: MD0140 Anchor Hocking Corp./Carr Lowery Glass	BMI#: MD1653		

Location: 1100 Caton Avenue, Baltimore

BMI#: MD1763  
Carey Machinery and Supply  
Site Alias:  
Location: 3501 Brehms Lane, Baltimore

BMI#: MD0989  
Carr-Lowery Glass Company  
Site Alias: Includes Anchor Hocking Corp (MD-140)  
Location: 2201 Kloman Street and 2841 Waterview Avenue, Baltimore

BMI#: MD1023  
Carroll Camden Area  
Site Alias:  
Location: 600 acres approximately, Baltimore

BMI#: MD1002  
Center for Aquatic Life and Conservation (CALC)  
Site Alias: Dickman Street, National Aquarium; includes 7.043-acre Middle Branch Park BF & 0.83-acre 101 West Cromwell VCP  
Location: 101 West Cromwell Street and 101 West Cromwell and 2400 Clarkson Street, Baltimore

BMI#: MD0082  
Chemical Metals Industries  
Site Alias: CMI  
Location: 2101 and 2103 Annapolis Road, Baltimore

BMI#: MD0479  
Cherry Hill/Pittman Road/Waldorf Trailer/Cherry Pit Drum Site (Cherry Hill Location)  
Site Alias: Magnetics, Inc., Authorized Trailer Sales  
Location: 1700 Cherry Hill Road, Baltimore

BMI#: MD1849  
Chesapeake Chemical Company  
Site Alias:  
Location: 3919 East Lombard Street, Baltimore

BMI#: MD1031  
Chesapeake Machine  
Site Alias:  
Location: 210 South Janney Street, Baltimore

BMI#: MD0143  
Chevron Texaco Baltimore - West Yard  
Site Alias: Chevron USA/Baltimore Refinery; 1901 Chesapeake Avenue  
Location: 1955 Chesapeake Avenue, Baltimore

BMI#: MD0786  
Chevron USA Inc., Operating Yard, Baltimore Asphalt Terminal

Site Alias: Prudential Oil; Continental Oil Co (Conoco)  
Location: 1955 Chesapeake Avenue, Baltimore

BMI#: MD0143  
Chevron USA/ Baltimore Refinery  
Site Alias: Includes VCP Chevron Sites  
Location: 1955 Chesapeake Ave, Baltimore

BMI#: MD0955  
City Center Property  
Site Alias:  
Location: 26, 30, 32, 34, 36 South Calvert Street, 108, 114 East Lombard Street, 31 Grant Street, Baltimore

BMI#: MD0965  
Cockey's Enterprises  
Site Alias: Baltimore Glass Mfg Co, Chesapeake Iron Works; Etc  
Location: 2001 Kloman Street, Baltimore

BMI#: MD1022  
Cold Spring Lane Landfill  
Site Alias:  
Location: 2221 West Cold Spring Lane, Baltimore

BMI#: MD1226  
Cold Spring South  
Site Alias:  
Location: Cold Spring Lane, Baltimore

BMI#: MD0176  
Colgate Pay Dump  
Site Alias:  
Location: 6700 Pulaski Highway, Baltimore

BMI#: MD1850  
Consolidated Dry Cleaners  
Site Alias: Arcade Cleaners & Laundry Inc.  
Location: 3201 Nobel Street, Baltimore

BMI#: MD1668  
Coyne Textile Off-Site Investigation  
Site Alias:  
Location: 2804 Wilkens Avenue, Baltimore

BMI#: MD0112  
Crown Central Petroleum (6000 Pennington Avenue)  
Site Alias:  
Location: 6000 Pennington Avenue, Baltimore

BMI#: MD1066  
CSX Chesapeake and Shell  
Site Alias:  
Location: Shell Road and Childs Street, Baltimore

BMI#: MD0789  
CSX Chesapeake Avenue Lot  
Site Alias:

Location: 700 West Chesapeake Avenue, Baltimore

BMI#: MD1067  
CSX Shell and Patapsco  
Site Alias:  
Location: Shell Road and Patapsco Street, Baltimore

BMI#: MD0622  
Dixie Metal Co Lead Smelter  
Site Alias: Site 290; Dixie Metal Company; K. Hettelman & Sons  
Location: 3437 9th Street, Brooklyn

BMI#: MD1103  
DPW Central Garage Property  
Site Alias: Dickman Garage, Baltimore DPW Garage; Site is now 101 West Dickman  
Location: 101 West Dickman Street and 2300 South Hanover Street, Baltimore

BMI#: MD1820  
Druid Hill Park Dump  
Site Alias:  
Location: 3201 Clipper Mill Road, Baltimore

BMI#: MD1851  
Dry Clean Super  
Site Alias: Gordon Dry Cleaner, Discount Supply Co, Dry Clean Max, Sun Cleaners  
Location: 1119 East Monument Street, Baltimore

BMI#: MD0016  
Dundalk Marine Terminal  
Site Alias:  
Location: 2700 Broening Highway, Baltimore

BMI#: MD0561  
Eastalco Compensatory Storage Yard  
Site Alias:  
Location: 4000 Fort Armistead Road, Baltimore

BMI#: MD1743  
Edgehill Mews  
Site Alias: American Builders & Contractors Supply Co., Inc.  
Location: 3901 Buena Vista Avenue (Rear), Baltimore

BMI#: MD1846  
Emerick and Pennock Properties  
Site Alias: Calvert Wholesale Florist  
Location: 2001, 2011, and 2013 West Coldspring Lane, Baltimore

BMI#: MD1716  
Erdman Shopping Center  
Site Alias:  
Location: 3901 Erdman Avenue, Baltimore

BMI#: MD1795  
Excelsior Cleaners  
Site Alias: EPA MD#654

Location: 4216 Edmonson Avenue, Baltimore

BMI#: MD1854  
Exelon Building Block 1815 Lot 2  
Site Alias: Area 1 Harbor Point, Exelon Building, Allied Signal, Allied Chemical, Baltimore Works  
Location: 1000 Wills Street, Land Unit 2, Baltimore

BMI#: MD1030  
Fairfield Homes  
Site Alias:  
Location: Childs Street and Shell Road, Baltimore

BMI#: MD1068  
Fairfield Mixed Residential I  
Site Alias: Portion of Old Fairfield (VCP)  
Location: North of Chesapeake Avenue and west of Fairfield Road, Baltimore

BMI#: MD1183  
Fairfield Mixed Residential II  
Site Alias: Portion of Old Fairfield (VCP Site)  
Location: North of Chesapeake Avenue and east of Fairfield Road, Baltimore

BMI#: MD0555  
Fairfield Service Company Dump  
Site Alias:  
Location: Near Route 895 and Frankfurst Avenue, Baltimore

BMI#: MD0769  
FMC Agricultural Product Group Lots 1 and 7  
Site Alias: Part of FMC Corp  
Location: 1600 East Patapsco Avenue, Baltimore

BMI#: MD0017  
FMC Corp.  
Site Alias: FMC Corp. Agricultural Group (MD-102)  
Location: 1701 East Patapsco Avenue, Baltimore

BMI#: MD0948  
FNT Realty Cherry Hill  
Site Alias:  
Location: Cherry Hill Road and Metal Road, Baltimore

BMI#: MD1903  
Former Cambridge Iron & Metal Scrap Yard  
Site Alias:  
Location: 2030 Aliceanna Street, Baltimore

BMI#: MD1403  
Former GE Power Systems Apparatus Service Center  
Site Alias: GE Fort Ave (Non-ML Site)  
Location: 900-920 East Fort Avenue, Baltimore

BMI#: MD1807

Former Millennium Specialty Chemicals Site Alias: St. Helena Manufacturing Location: 2701 Broening Highway, Baltimore	Site Alias: Woodrow H Kratz Location: 16 South Calverton Road, Baltimore	Location: 3437 9th Street, Baltimore	BMI#: MD1833 Lebanon Chemical Site Alias: FMC Location: 2400 S Clinton Street, Baltimore
BMI#: MD1458 Former Reese Press Site Alias: Location: 2301 Kirk Avenue, Baltimore	BMI#: MD1695 Gloria/Bellona Cleaners Site Alias: Location: 5718 York Road, Baltimore	BMI#: MD0830 John T. Lewis and Brothers Site Alias: Location: 1013-1019 East Fayette Street, Baltimore	BMI#: MD1834 Lenderking Metal Products Site Alias: Location: 1000 South Linwood Avenue, Baltimore
BMI#: MD1133 Former Republic Steel Facility (3501 East Biddle Street And 4100 Ashland Avenue) Site Alias: BTR Biddle Property; Armco Baltimore Works; Includes Armco, Inc. (MD-106) Location: 3501 East Biddle Street and 4100 Ashland Avenue, Baltimore	BMI#: MD0539 Gordon Carton / J.B.MacNeal Site Alias: Part of Warner Street Properties (VCP) Location: South of intersection of Warner Street and Worcester Street, Baltimore	BMI#: MD0918 Johns Hopkins University Bayview Research Center Site Alias: Location: 4940 Eastern Avenue, Baltimore	BMI#: MD1861 Lexington Gateway Property Site Alias: Six Parcels Along West Clay Street Location: 213 & 215 Park Avenue, 208 & 210 North Liberty Street, 105 & 109 West Clay Street, Baltimore
BMI#: MD1063 Former Southern Can Company Site Alias: 3500 E. Biddle Street Location: 3500 East Biddle Street, Baltimore	BMI#: MD0917 Gunther Brewery Site Alias: Location: 1101, 1211 and 1221 South Conkling Street, Baltimore	BMI#: MD0169 Kane and Lombard Site Alias: Kane and Lombard Street Drums Location: Lombard Street; west of intersection with Kane Street, Baltimore	BMI#: MD1835 Loudon Park Cemetery Dump Site Site Alias: Location: 3800 Frederick Avenue, Baltimore
BMI#: MD0738 Former Westport Generating Station Site Alias: Location: 2033-2101 Kloman Street, Baltimore	BMI#: MD1826 H.A. Wolfe Metals Site Alias: Location: Chesapeake Avenue, Baltimore	BMI#: MD1347 Kane Street Site Alias: 61 Kane Street Location: 61 Kane Street, Baltimore	BMI#: MD1097 Lower Herring Run Park Site Alias: Location: End of Aldricks Way, Baltimore
BMI#: MD1069 Fort McHenry Shipyard Site Alias: Location: 1201 Wallace Street, Baltimore	BMI#: MD1787 Haven Overlook Site Alias: Includes 601 South Haven Street (VCP); Includes 715 South Haven Street (VCP) Location: 601 and 715 South Haven Street, Baltimore	BMI#: MD0284 Kaydon Ring & Seal, Inc. Site Alias: Former Koppers Company, Inc. - PRS, Beazer Materials & Services, Inc. Location: Bush & Wicomico Streets, Baltimore	BMI#: MD0909 Maryland Plaza Site Alias: Location: 30, 36 West Biddle Street, 1204 Morton Street, Baltimore
BMI#: MD0977 Gambel Property Site Alias: American Recovery Corp (MD-11/MD-103) Location: 5301 Andard Avenue, Baltimore	BMI#: MD1029 Hawkins Point Terminal Facility Site Alias: Baltimore Cargo Port of Embarkation; Fort Armistead (C03MD0351) Location: West bank of Patapsco River, north of Hawkins Point, Baltimore	BMI#: MD1832 Klein Property I Dump Site Alias: Location: 3550 Potee Street, Baltimore	BMI#: MD0877 Masonville Cove Site Alias: Location: 3100 Childs Street, Baltimore
BMI#: MD0968 General Chemical - Baltimore Terminal Site Alias: Olin Corp. - Curtis Bay (MD-014) Location: 5501 Pennington Avenue, Baltimore	BMI#: MD1032 Hiken Brothers Site Alias: Location: 307 South Eaton Street, Baltimore	BMI#: MD1373 Kurt Iron and Metal, Inc. Site Alias: Seawitch Salvage, Patapsco Recycling Location: 3000 Childs Street, Baltimore	BMI#: MD0936 Matrix Metals Site Alias: Balitmore Casting, American Brake Shoe & Foundry Co., Abex Corporation-Baltimore Works, and ABC Rail Location: 2001-45 Winchester Street, Baltimore
BMI#: MD0728 General Motors Site-Area C Site Alias: Chevrolet Baltimore Division of GM, Fisher Body BA Location: West of Broening Highway and north of Keith Avenue, Baltimore	BMI#: MD1765 Hoen Lithograph Site Alias: Location: 2101 East Biddle Street, Baltimore	BMI#: MD0776 Lafarge Property Site Alias: Location: 2401 Kloman Street and 2901 Waterview Avenue, Baltimore	BMI#: MD0007 MES Hawkins Point/Maryland Port Administration Site Alias: Hawkins Point Hazardous Waste Landfill Location: Hawkins Point Road; 5501 Quarantine Road, Baltimore
BMI#: MD1216 General Motors Truck and Bus Site Alias: General Motors Site - Area B and Area C (VCP) Location: 2122 Broening Highway, Baltimore	BMI#: MD0367 Hutton Avenue Landfills (East and West) Site Alias: Location: 4825-4835 Windsor Mill Road, Baltimore	BMI#: MD1699 Laundry City Site Alias: Tri Star Auto Location: 3101 W. Belvedere Avenue, Baltimore	BMI#: MD1779 Metro West Property Site Alias: Social Security Administration Location: 300 and 400 North Greene Street, Baltimore
BMI#: MD1853 Globe Solvents	BMI#: MD1855 Isaac Cohen & Sons Site Alias: Superior Service Inc. Location: 419 West Baltimore Street, Baltimore	BMI#: MD1852 Lavanderia de Pueblo Site Alias: Fells Point Cleaners Location: 119 South Broadway Street, Baltimore	BMI#: MD0092 Monument Street Landfill Site Alias:
	BMI#: MD1515 Jarvis Steel Site Alias:	BMI#: MD0559 Leading Point Site Alias: Location: 5400 Quarantine Road, Baltimore	

<p>Location: 3500 East Monument Street (Monument St and Edison Hwy), Baltimore</p> <p>BMI#: MD1304 Moorings at Canton Site Alias: Location: 2600 Boston Street, Baltimore</p>	<p>Old Fairfield Site Alias: Includes Fairfield Mixed Residential I and II (BF); Includes AOC 1 &amp;2, AOC 4&amp;5, AOC 6&amp;7, Nine Lots in City Block 7360 Location: Chesapeake Avenue and Carbon Avenue; Sun Street and Weedon Street, Baltimore</p>	<p>Location: 4300 Shannon Drive, Baltimore</p> <p>BMI#: MD0179 Picorp Inc Site Alias: Part of Kane &amp; Lombard Location: 6508 East Lombard Street, Baltimore</p>	<p>Riverside Yard, Baltimore &amp; Ohio, Chesapeake &amp; Ohio, Chessie Location: 1600 Ludlow Street, Baltimore</p>
<p>BMI#: MD1561 Morton Shenk Cleaning Supply Site Alias: Location: 412 West Baltimore Street, Baltimore</p>	<p>BMI#: MD1082 Old Fairfield - 3208 Remley Street Site Alias: Part of Same PUD as Old Fairfield (VCP) Location: 3208 Remley Street, Baltimore</p>	<p>BMI#: MD1292 Pistorio Property Site Alias: Location: 1601 South Highland Avenue, Baltimore</p>	<p>BMI#: MD0109 Sasol North America - Baltimore Plant Site Alias: Conoco Chemical - Baltimore Plant Location: 3441 Fairfield Road, Baltimore</p>
<p>BMI#: MD1584 Mount Clare CSX Intermodal Facility Site Site Alias: Location: Near Intersection of Georgetown Road and Parksley Avenue, Baltimore</p>	<p>BMI#: MD1422 Olin Chemical Site Alias: See also MD-0014 Location: 5701 Pennington Avenue, Baltimore</p>	<p>BMI#: MD1745 Pleasant View Gardens Apartments Site Alias: Location: St. Matthews Street at East Street (201 N. Aisquith Street), Baltimore</p>	<p>BMI#: MD1691 Schroedl Custom Cleaners Site Alias: Location: 5330 Reisterstown Road, Baltimore</p>
<p>BMI#: MD1322 MTA Property Site Alias: State Application Identifier MD20050812-0733 Location: 2099 Kloman Street, Baltimore</p>	<p>BMI#: MD0014 Olin Corp. - Curtis Bay Site Alias: Part of General Chemical (VCP Site); Olin Chemical Location: 5501 Pennington Avenue, Baltimore</p>	<p>BMI#: MD1729 Port Covington Site Alias: Fort Covington, Starwood Ceruzzi; Under Armour Port Covington Campus (Block 1053, Lot 10 and 10C) Location: 101 East McComas Street, 101, 103, 201 East Cromwell Street; 2501, 2551, 2601, 2701 Port Covington Drive, Baltimore</p>	<p>BMI#: MD0009 SCM Corp. - Quarantine Road Site Site Alias: SCM Millenium Hpp; Robb Tyler; Glidden; Dupont Location: 5901 Quarantine Road, Baltimore</p>
<p>BMI#: MD1879 New Paris Cleaners (Baltimore City) Site Alias: New Patterson Cleaners Location: 3019 East Baltimore Street, Baltimore</p>	<p>BMI#: MD1092 Oriole Park At Camden Yards Site Alias: Location: 333 West Camden Street, Baltimore</p>	<p>BMI#: MD1914 Port Covington Comprehensive Soil Management Plan Stock Piles Site Alias: Location: On Lot 1B, 100 East Cromwell Street, Baltimore</p>	<p>BMI#: MD0191 Scott Street Station Site Alias: Durrett-Sheppard Location: Scott Street and Ostend Street, Baltimore</p>
<p>BMI#: MD1780 New Shiloh Family Apartments Site Alias: Cloverland Farms Dairy Factory Location: 1930 Windsor Avenue, Baltimore</p>	<p>BMI#: MD0926 Parkin Street Site Alias: Portion of Camden Crossing (VCP) Location: 200 Scott Street, Baltimore</p>	<p>BMI#: MD1806 Port Covington Lot 11A Site Alias: Tidewater Yacht, Part of Port Covington Parcel B Location: 301 East McComas Street, East Cromwell Street, Baltimore</p>	<p>BMI#: MD1071 Seton Business Park Site Alias: Location: Metro Drive, Baltimore</p>
<p>BMI#: MD1652 Nick's Fish House Site Alias: Location: 2600 Insulator Drive, Baltimore</p>	<p>BMI#: MD1238 Pat Blox Property Site Alias: Location: 807 North Haven Street, Baltimore</p>	<p>BMI#: MD1287 Port Covington Property- Parcel A Site Alias: Location: 301 East Cromwell Street, Baltimore</p>	<p>BMI#: MD1184 Shannon Drive Site Alias: Sinclair Industrial Park (Brownfields) Location: 4225 Shannon Drive, Baltimore</p>
<p>BMI#: MD0434 NIH-NIA Gerontology Research Center Site Alias: Location: 4940 Eastern Avenue, Baltimore</p>	<p>BMI#: MD1865 Paul and Dell Cleaners Site Alias: 1823 Eastern Ave Location: 500 Wolfe Street, Baltimore</p>	<p>BMI#: MD1806 Port Covington Lot 11A Site Alias: Tidewater Yacht, Part of Port Covington Parcel B Location: 301 East McComas Street, East Cromwell Street, Baltimore</p>	<p>BMI#: MD1604 Silo Point NPS SPS Site Alias: Silo Point North Pad Site and South Pad Site Location: 1700 Beason Street, Baltimore</p>
<p>BMI#: MD1793 North Avenue Gateway II Site Alias: Location: 3000, 3006-3052 West North Avenue and 1900-1904 North Longwood Street, Baltimore</p>	<p>BMI#: MD0055 Pemco Corporation - Baltimore Facility Site Alias: Pemco Products Location: 5601 Eastern Avenue, Baltimore</p>	<p>BMI#: MD1287 Port Covington Property- Parcel A Site Alias: Location: 301 East Cromwell Street, Baltimore</p>	<p>BMI#: MD0645 Simpson and Doeller Label Company Site Alias: East Preston Company; Levinson &amp; Klein Furniture Location: 2827 East Preston Street, Baltimore</p>
<p>BMI#: MD1823 North Avenue Gateway II Additional Parcels Site Alias: Location: 3016, 3018, 3034, 3036, and 3038 West North Avenue, Baltimore</p>	<p>BMI#: MD1382 Phillip Distribution Center LLC Site Alias: MTA/Centralized Mobility Division; Wicomico Redevelopment Location: 1430 and 1650 South Monroe Street, Baltimore</p>	<p>BMI#: MD0020 Reedbird Landfill Site Alias: Location: Potee Street and Reedbird Avenue, Baltimore</p>	<p>BMI#: MD1273 Society Cleaners Site Alias: Snyder's Cleaners; Biscoe Property; 5900 Eastern Ave Location: 5920 Eastern Avenue, Baltimore</p>
<p>BMI#: MD1044</p>	<p>BMI#: MD1124 Phipps Construction Site Alias:</p>	<p>BMI#: MD1389 Ritz Carlton Hotel Site Alias: Location: 801 Key Highway, Baltimore</p>	<p>BMI#: MD1907 Somerset Courts Extension Project Site Alias: Location: , Baltimore</p>

BMI#: MD1399  
South Eden Street  
Site Alias:  
Location: 415, 417, 419 South  
Eden Street, Baltimore

BMI#: MD0571  
South Locust Point Marine  
Terminal  
Site Alias:  
Location: 2025 E McComas  
Street, Baltimore

BMI#: MD1876  
Spiniello Companies  
Site Alias: Former Doracon &  
Southern Can; Part of Fomer  
Southern Can Brownfields Site  
(MD1063)  
Location: 3500 East Biddle  
Street, Baltimore

BMI#: MD0145  
Spring Gardens - BGE  
Site Alias:  
Location: 1699 Leadenhall  
Street, Baltimore

BMI#: MD1590  
Stadium Square I Property  
Site Alias: Baltimore Tool Works;  
ABC Box Company; Hanover  
Cross Street  
Location: 101, 117, 123, 125,  
127, 129, 131, 133, 135 West  
Cross St; 1103, 1105, 1107,  
1109, 1111, 1135 Leadenhall St;  
138 West, Baltimore

BMI#: MD1610  
Stadium Square II Property  
Site Alias: Furst Brothers,  
VacPac, U.S. Post Office,  
Durapak  
Location: 101, 125, 127, 129,  
131, 133, 135, 137, 145 West  
West Street, 1203 & 1223  
Leadenhall Street, 150 West  
Ostend Street, 1220 Race,  
Baltimore

BMI#: MD0975  
Stadium Square III  
Site Alias: formerly 139 West  
Ostend Street  
Location: 155 West Ostend  
Street, Baltimore

BMI#: MD0819  
State Center Parcel I2  
Site Alias:  
Location: 101 West Preston  
Street, Baltimore

BMI#: MD0818  
State Center Property - Parcel G  
Site Alias:  
Location: 900 North Eutaw  
Street, Baltimore

BMI#: MD1837  
Superior Service Cleaners  
Site Alias:  
Location: 419 East Baltimore  
Street, Baltimore

BMI#: MD0131  
Texaco Inc.  
Site Alias: Texaco USA -  
Baltimore Terminal  
Location: 3820 Fourth Avenue,  
Baltimore

BMI#: MD0778  
The 2005 Maryland Ave, LLC  
Site Alias:  
Location: 223-225 Pearl Street,  
Baltimore

BMI#: MD0558  
Thoms Cove  
Site Alias:  
Location: 5501 Quarantine Road,  
Baltimore

BMI#: MD0927  
Tolkoff Warehouse  
Site Alias: Part of Gunther  
Brewery - Parcel 5 - "Ale, Pilsner  
and Stout Building"  
Location: 1101, 1211, and 1221  
South Conkling Street and 3701  
O'Donnell Street, Baltimore

BMI#: MD0888  
Undeveloped Lot - 6001 East  
Lombard Street  
Site Alias: Old Bayview Rubble  
Fill; Cambrex Bioscience  
Location: 6001 East Lombard  
Street, Baltimore

BMI#: MD1839  
Union Stockyard  
Site Alias:  
Location: 1201 Brunswick Street,  
Baltimore

BMI#: MD1180  
Warner Street Properties  
Brownfields  
Site Alias: Maryland Chemical;  
includes Gordon Carton-JB  
MacNeal Site (PreRem)  
Location: 1551 Russell Street,  
1501, 1601, 1633 Warner Street,  
2104 Worcester Street, 2102 Oler  
Street, Baltimore

BMI#: MD1274  
Warner Street Wetlands  
Site Alias:  
Location: 1400-1600 Warner  
Street, Baltimore

BMI#: MD1821  
Warwick Apartments  
Site Alias: RAJ Plastics; JLN  
Construction Services, LLC;  
Avalon Consulting Services, Inc.  
Location: 300 North Warwick  
Avenue, Baltimore

BMI#: MD0773  
Washington Hill  
Site Alias:  
Location: 1951 East Fayette  
Street, Baltimore

BMI#: MD1357

Waterview Property  
Site Alias: Former WFBR Station  
Building  
Location: 3100 Waterview  
Avenue, Baltimore

BMI#: MD0815  
West 25th Street and North  
Howard Street Properties - East  
Side  
Site Alias: Anderson Automotive;  
United Railways and Electric Car  
Barn  
Location: 101 West 25th Street,  
Baltimore

BMI#: MD0814  
West 25th Street and North  
Howard Street Properties - West  
Side  
Site Alias: Indian Oil Refining  
Company; Security Oil Company;  
Anderson Automotive (Honda  
Sales);Wallace and Gale  
Company; John H. Hampshir  
Location: 204 West Ware Street;  
2438 North Howard Street; 2500  
Huntingdon Avenue; 300, 330 and  
400 West 24th Street, Baltimore

BMI#: MD1040  
Westport Junction Depot  
Site Alias:  
Location: 2120 Annapolis Road,  
Baltimore

BMI#: MD1707  
Westport Property  
Site Alias: Combines Westport  
Waterfront Properties, Carr-  
Lowery Glass Co, Fomer  
Westport Generating Station,  
Former MTA, Cockey's Enterpri  
Location: 2001, 2033, 2099,  
2101, 2201, 2401 Kloman Street;  
2841 Waterview Avenue and bed  
of Kloman Street adjacent to 2101  
Kloman, Baltimore

BMI#: MD1388  
Wetzel Brothers  
Site Alias:  
Location: 2213 McElderry Street,  
Baltimore

BMI#: MD1750  
Whole Foods/BCI Site  
Site Alias: 711 S. Central Avenue  
Location: 711 S. Central Avenue,  
Baltimore

BMI#: MD0869  
Woodberry Quarry  
Site Alias:  
Location: 2107 West Cold Spring  
Lane, Baltimore

#### **Baltimore County**

BMI#: MD1428  
11411 Red Run Blvd.  
Site Alias:  
Location: 11411 Red Run Blvd.,  
Owings Mills

BMI#: MD1728  
12110 Pulaski Highway  
Site Alias:  
Location: 12110 Pulaski  
Highway, Joppa

BMI#: MD1805  
2010 Reservoir Road  
Site Alias: American National  
Can Company  
Location: 2010 Reservoir Road,  
Sparrows Point

BMI#: MD1648  
3603 Jackson Cabin  
Site Alias:  
Location: 3603 Jackson Cabin  
Road, Phoenix

BMI#: MD1770  
4500 Transway Road  
Site Alias: Part of Smuck Dump  
(MD-0080)  
Location: 4500 Transway Road,  
Baltimore

BMI#: MD1742  
4611 North Point Boulevard  
Site Alias: Siemens Metallurgical  
Services  
Location: 4611 North Point  
Boulevard, Edgemere

BMI#: MD1843  
Arundel Cleaners  
Site Alias:  
Location: 6405 Windsor Mill  
Road, Gwynn Oak

BMI#: MD1697  
Athens Cleaners  
Site Alias:  
Location: 1726 Taylor Avenue,  
Baltimore

BMI#: MD1808  
Atlantic Cleaners  
Site Alias:  
Location: 718 Walker Ave,  
Baltimore

BMI#: MD1900  
Avalon Towson  
Site Alias: Towson Circle,  
Bahama Breeze, 100 East Joppa  
Road  
Location: 2 East Joppa Road,  
Towson

BMI#: MD0173  
Avesta Sheffield  
Site Alias: Eastern Stainless  
Steel  
Location: 7700 Rolling Mill Road,  
Baltimore

BMI#: MD1813  
Baltimore Laundry Suppliers  
Site Alias:  
Location: 8404 Harford Road,  
Parkville

BMI#: MD0603  
Baltimore Lumber Company  
Bozarth Job

<p>Site Alias: Bozarth Import Car Services Location: 2200 Edgewater Avenue, Dundalk</p> <p>BMI#: MD0606 Bare Hills Quarries and Pits Site Alias: Location: Near the intersection of Falls Road and Old Pimlico Road, Baltimore</p> <p>BMI#: MD0297 Bauer Farm Site Alias: Shaw's Discovery Location: North Point Road and Bauer Farm Road, Edgemere</p> <p>BMI#: MD0733 Belko Site Alias: Location: 11931 Jericho Road, Kingsville</p> <p>BMI#: MD0395 Bendix Corporation Site Alias: 1300 Joppa Road, Lot 3 Location: 1300 East Joppa Road, Towson</p> <p>BMI#: MD1025 Bethlehem Steel Shipyard Site Alias: Location: 600 Shipyard Road, Sparrows Point</p> <p>BMI#: MD1490 BGE Riverside Site Alias: Location: 4000 Broening Highway, Baltimore</p> <p>BMI#: MD0848 Bok Asbestos Mines Site Alias: Location: Off Dogwood Road, Baltimore</p> <p>BMI#: MD1815 Bonnie Blink Landfill Site Alias: Masonic Home Location: 300 International Circle, Cockeysville</p> <p>BMI#: MD0018 Browning Ferris Ind - Chemical Processing Center Site Alias: Norris Farm LF (MD-022/023); BFI Chemical Processing Center Location: 101 Norris Lane, Baltimore</p> <p>BMI#: MD1080 Chesapeake Park Plaza - Block D Site Alias: Glenn L Martin Facility - Plant 1, Lockheed Martin Location: 2323 Eastern Boulevard, Middle River</p> <p>BMI#: MD1072 Chesapeake Park Plaza - Block F Site Alias: Glenn L Martin Plant 1, Lockheed Martin</p>	<p>Location: 2323 Eastern Boulevard, Middle River</p> <p>BMI#: MD0958 Chesapeake Park Plaza - Block G, Lot 1 Site Alias: Glenn L Martin - Plant 1, Lockheed Martin Location: 2323 Eastern Boulevard, Middle River</p> <p>BMI#: MD0959 Chesapeake Park Plaza - Block H Site Alias: Glenn L Martin - Plant 1, Lockheed Martin Location: 2323 Eastern Boulevard, Middle River</p> <p>BMI#: MD0960 Chesapeake Park Plaza - Block I Site Alias: Glenn L Martin - Plant 1, Lockheed Martin Location: 2323 Eastern Boulevard, Middle River</p> <p>BMI#: MD1081 Chesapeake Park Plaza - Blocks E &amp; E Lot 3 Site Alias: Glenn L Martin Facility - Plant 1, Lockheed Martin Location: 2323 Eastern Boulevard, Middle River</p> <p>BMI#: MD1127 Cockeysville Drum Site Site Alias: Location: York Road and Beaver Run Lane, Cockeysville</p> <p>BMI#: MD1700 Consolidated Supply Site Alias: Location: 8118 Philadelphia Road, Rosedale</p> <p>BMI#: MD1128 Dupont Co. Site Alias: Location: Pulaski Highway and Batavia Farm Road, Rosedale</p> <p>BMI#: MD0174 East Baltimore Dumping Complex Site Alias: Includes 68th Street Dump/Industrial Enterprises/R.M. Winstead Location: 68th Street, Baltimore</p> <p>BMI#: MD0210 Fork - Control Nike BA-09 Site Alias: Fork Battery Control Area (C03MD0234) Location: End Of Hutschenreuter Road, Kingsville</p> <p>BMI#: MD0209 Fork - Launch Nike BA-09 Site Alias: Fork Launch Control Area (C03MD0234) Location: Off Stockdale Road, Kingsville</p> <p>BMI#: MD1479 Former Murray Cleaners</p>	<p>Site Alias: Murray's Cleaners, Murrays Silk Cleaners Location: 520 Main Street, Reisterstown</p> <p>BMI#: MD1732 Former Seagrams Property Site Alias: Joseph E. Seagram &amp; Sons, Inc; Brewery Station Location: 7101 Sollers Point Road, Baltimore</p> <p>BMI#: MD0851 Fort Carroll Island Site Alias: C03MD1017 Location: Patapsco River near Sollers Point Road, Baltimore</p> <p>BMI#: MD0514 Fort Carroll Mainland Site Alias: C03MD1017 Location: 300 Authority Drive and 900 South New Pittsburg Avenue, Baltimore</p> <p>BMI#: MD0528 Fort Howard Site Alias: C03MD0355 Location: Antietam Street, Baltimore</p> <p>BMI#: MD1638 Fuchs North America Site Alias: Baltimore Spice Inc., Fuchs Spices USA Inc. Location: 9740 Reisterstown Road, Owings Mills</p> <p>BMI#: MD0907 Galleria Atrium and Galleria Towers Site Alias: Seminary Galleria, LLC; Seminary Cleaners Location: 1407 and 1447 York Road, Lutherville</p> <p>BMI#: MD0316 Gibson Homans Site Alias: Hanslik, LLC Former Gibson Homans Facility Location: 1101 Hanzlik Avenue, Rosedale</p> <p>BMI#: MD1129 Glyndon Rail Tracks Dump Site Alias: Location: North of Butler Road and Wabash Avenue, Glyndon</p> <p>BMI#: MD0212 Granite - Control Nike BA-79/W-05 Site Alias: Location: 2845 Hernwood Road, Woodstock</p> <p>BMI#: MD0211 Granite - Launch Nike BA-79/W-05 Site Alias: C03MD0244 Location: 3085 Herwood, Woodstock</p> <p>BMI#: MD0214 Greenspring - Control BA92</p>	<p>Site Alias: C03MD0246 Location: 12100 Greenspring Avenue, Greenspring</p> <p>BMI#: MD0752 I-95 Section 100 Right-of-Way at Trumps Mill Road Site Alias: Location: I-95, Baltimore</p> <p>BMI#: MD0184 Industrial Enterprises Site Alias: Part of 68th Street Dump Location: 7100 Quad Avenue, Baltimore</p> <p>BMI#: MD0624 Industrial Metal Melting Lead Smelter Site Alias: Site 43 Location: 108 East Barney Street, Baltimore</p> <p>BMI#: MD1514 Jacksonville PCE Site Alias: Jarrettsville Pike PCE Location: 14106, 14108, 14110 - 14114 Jarrettsville Pike, Jacksonville</p> <p>BMI#: MD1831 Jett Open Dump Site Alias: Location: 2711 Frederick Road, Catonsville</p> <p>BMI#: MD1722 Logan Village Site Alias: South Parking Lot Location: 3447 and 3455 Dundalk Avenue, Dundalk</p> <p>BMI#: MD1522 Manor Road Wells Site Alias: Location: Manor Road and Turnberry Court, Phoenix</p> <p>BMI#: MD0172 Martin Marietta Laboratories Site Alias: Martin Marietta Corp.; Formerly 1601 South Rolling Road) Location: 1450 South Rolling Road, Baltimore</p> <p>BMI#: MD0304 Martin State Airport Site Alias: Location: 1701 Wilson Point Road, Baltimore</p> <p>BMI#: MD0310 Maryland Air National Guard Site Alias: Martin State Airport Site II (ANG) Location: Eastern Avenue and Wilson Point Road, Baltimore</p> <p>BMI#: MD0730 Maryland Department of Transportation Sparrows Point Site Alias:</p>
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Location: MD Route 157  
(Peninsula Boulevard), Baltimore

BMI#: MD1275  
Naval Reserve Industrial Plant -  
Bengies  
Site Alias: Glenn L. Martin Co  
Plant #2, Middle River Depot  
Location: 2700-2800 Eastern  
Avenue, Middle River

BMI#: MD1802  
New Paris Cleaners (Baltimore  
County)  
Site Alias:  
Location: 2101-2103 Old Orems  
Road, Middle River

BMI#: MD0449  
Parkton Landfill  
Site Alias:  
Location: Stabler's Church Road;  
I-83 and York Road, Parkton

BMI#: MD1381  
PDS Facility aka Canton Property  
Site Alias: Pre-Delivery Service  
Facility; Central Foundry Co.  
Location: 2950 Dundalk Avenue,  
Baltimore

BMI#: MD0157  
Phoenix Military Reservation Fire  
Control Area  
Site Alias: U.S. Army Phoenix -  
Control  
Location: Sunnybrook Road,  
Phoenix

BMI#: MD0234  
Phoenix Military Reservation  
Launch Area  
Site Alias: Phoenix Military  
Reservation Complex; U.S. Army  
Phoenix - Launch (C03MD0073);  
Paper Mill Recreation Center; Fee  
Taking Area SP  
Location: 3101 Paper Mill Road  
and Sunnybrook Road,  
Jacksonville

BMI#: MD0878  
Powhatan Second Prospect Site  
Site Alias: Mett Mine  
Location: Off Dogwood Rd,  
Baltimore

BMI#: MD0956  
Range at Red Run  
Site Alias: Highwoods Lot 2  
Property (2006-2010 VCP); 11311  
Red Run Boulevard; Former  
Pikesville Sportsman's Club  
Location: 11311 Red Run  
Boulevard, Owings Mills

BMI#: MD0133  
RM Winstead Co.  
Site Alias: Lacrosse Chemical  
Co; Part of MD-174  
Location: 68th Street And Pulaski  
Highway, Rosedale

BMI#: MD1132  
Rosedale SHA

Site Alias: Landscape Depot  
Location: 8355 Pulaski Highway,  
Rosedale

BMI#: MD1634  
Rosewood Hospital  
Site Alias:  
Location: 200 Rosewood Lane,  
Owings Mills

BMI#: MD1419  
Rossville Coal Ash Structural Fill  
Site  
Site Alias: Rossville Industrial  
Park (Phase IV), Baltimore Brick  
Company; Lennings Lane and  
Yellow Brick Road  
Location: 9114-9200 Yellow Brick  
Road, 9107-9201 Yellow Brick  
Road and west side Lennings  
Lane, Rosedale

BMI#: MD1669  
Rossville Coal Ash Structural Fill  
Site Off-Site Investigation  
Site Alias:  
Location: 9114-9200 Yellow Brick  
Road, 9107-9201 Yellow Brick  
Road and West Side Lennings  
Lane, Rosedale

BMI#: MD1692  
Ruxton Cleaners  
Site Alias: Royal Cleaners  
Location: 901 York Road,  
Baltimore

BMI#: MD0181  
Sauer Dump  
Site Alias:  
Location: 4225 Lynhurst Road,  
Baltimore

BMI#: MD1778  
Sheltered Harbor Phase II  
Property  
Site Alias: Sheltered Harbor  
Marina  
Location: 8100 Stansbury Road,  
Dundalk

BMI#: MD0586  
South Hilltop Road Dump  
Site Alias: Simkins Dump; Part of  
Simkins Industries (VCP)  
Location: 210 River Road,  
Catonsville

BMI#: MD1598  
Sparrows Point  
Site Alias: Bethlehem Steel;  
Severstal Sparrows Point  
Location: 1430 Sparrows Point  
Boulevard and 5111 North Point  
Boulevard, Baltimore

BMI#: MD1046  
Sparrows Point Shipyard LLC  
Site Alias: Bethlehem Shipyard  
Location: 600 Shipyard Road,  
Baltimore

BMI#: MD1540  
Spring Hill Road Groundwater  
Investigation

Site Alias: Chattolane  
Groundwater Investigation;  
Stebbins Burnham OCP Site  
Location: multiple addresses -  
Spring Hill Road; Greenspring  
Valley Road, Moales Lane; Golf  
Course Road; Cliffholme Road,  
Owings Mills

BMI#: MD0265  
Stansbury Park  
Site Alias:  
Location: Stansbury Road and  
Hydrangea Road, Dundalk

BMI#: MD0941  
Strawberry Point  
Site Alias:  
Location: 701 Wilson Point Road  
and 2323 Eastern Boulevard,  
Middle River

BMI#: MD1106  
Sudbrook Shopping Center  
Property  
Site Alias:  
Location: 1204 Reisterstown  
Road, Pikesville

BMI#: MD1718  
Tilley Chemical Co.  
Site Alias:  
Location: 501 Chesapeake Park  
Plaza, Middle River

BMI#: MD0663  
Towson Cleaners  
Site Alias:  
Location: 8608 Loch Raven  
Boulevard, Towson

BMI#: MD1473  
Towson Launch BA-92  
Site Alias: same as MD-213  
Location: Ridge Road near Route  
45, Towson

BMI#: MD1776  
Trucking Terminal  
Site Alias:  
Location: 7100 Quad Avenue,  
Rosedale

BMI#: MD0847  
Unnamed Prospect at Powhatan  
Site Alias: Mett Mine; Also  
includes part of Valerie Manor  
(Lots 1,2,3 & 4)  
Location: Off the intersection of  
Dogwood Road and Gwynn Oak  
Avenue, Woodlawn

BMI#: MD1822  
Warren Square Shopping Center  
Site Alias:  
Location: 504 Reisterstown  
Road, Pikesville

BMI#: MD0593  
Westview Park NOA Site  
Site Alias:  
Location: 1505 North Rolling  
Road, Catonsville

#### Calvert County

BMI#: MD1397  
Calvert Village Shopping Center,  
Parcel One  
Site Alias:  
Location: West Dares Beach  
Road and MD Route 2 and Route  
4, Prince Frederick

BMI#: MD1053  
Chesapeake Beach Detachment-  
Naval Res  
Site Alias:  
Location: 5813 Bayside Road,  
Chesapeake Beach

BMI#: MD1026  
Grafton Jones  
Site Alias: Calvert County Dump  
Location: 2901 Beaver Dam  
Road, Chesapeake Beach

BMI#: MD0058  
Naval Recreation Center  
Solomons  
Site Alias: Naval District  
Washington Solomons Complex;  
Navreecen Solomon's  
Location: Confluence of Patuxent  
River & Chesapeake Bay,  
Solomons

BMI#: MD0062  
Naval Research Lab -  
Chesapeake Bay Detachment  
Site Alias: NRL Chesapeake  
Location: Route 261, Randle Cliff  
Beach

BMI#: MD1340  
Solomon's Amphibious Training  
Base  
Site Alias:  
Location: Dowell Road,  
Solomons

BMI#: MD0058  
USN Surface Warfare Center -  
Solomon's Island  
Site Alias:  
Location: Department of the  
Navy, Solomon's Island

#### Caroline County

BMI#: MD1842  
Arden's  
Site Alias: Town Cleaners  
Location: 107 North 6th Street,  
Denton

BMI#: MD1001  
Electro-Therm Incorporated  
Facility  
Site Alias:  
Location: 24562 Meeting House  
Road (Route 404), Denton

BMI#: MD0240  
Reliance Wood Preserving  
Site Alias:  
Location: Industrial Park Drive,  
Federalsburg

BMI#: MD0563  
Roland Rigby Property  
Site Alias:  
Location: 463 Grygo Road,  
Marydel

BMI#: MD1148  
Rossnan Property, Goldsboro  
Site Alias:  
Location: 316 Railroad Avenue,  
Goldsboro

BMI#: MD1799  
Southern States  
Site Alias:  
Location: 107 Backlanding Road,  
Preston

BMI#: MD0576  
Sunshine Cleaners  
Site Alias: Sunshine Laundry and  
Dry Cleaners, Reliable/Resort  
Commercial Laundry  
Location: Main Street Extended  
(101 River Road), Federalburg

BMI#: MD1896  
TLC Laundrette  
Site Alias: Town and Country  
Laundromat  
Location: 616 Lincoln Street,  
Denton

#### **Carroll County**

BMI#: MD0602  
Avenue Cleaners  
Site Alias:  
Location: 46 1/2 Pennsylvania  
Avenue, Westminster

BMI#: MD0333  
Bachmans Valley Landfill,  
Location I  
Site Alias:  
Location: 737 Bachmans Valley  
Road, Manchester

BMI#: MD0370  
Black & Decker  
Site Alias:  
Location: 3626 Hanover Pike,  
Hampstead

BMI#: MD1007  
Castle Farms  
Site Alias: Adjacent to  
Hampstead Trade Center (VCP)  
Location: 701 Houcksville Road,  
Hampstead

BMI#: MD1312  
Clearview Airport  
Site Alias:  
Location: 526 Oaktree Road,  
Westminster

BMI#: MD1819  
Deer Park Landfill  
Site Alias: Uhler Landfill  
Location: 1708 Deer Park Road,  
Finksburg

BMI#: MD1258  
ESAB Welding & Cutting

Site Alias: All State Welding  
Location: 5112 Allendale Lane,  
Taneytown

BMI#: MD1828  
Hampstead Cleaners  
Site Alias:  
Location: 25 Gill Avenue,  
Hampstead

BMI#: MD1441  
Hampstead Trade Center  
Site Alias: Leister Property;  
adjacent to Castle Farms (BF)  
Location: Houcksville Road,  
Hampstead

BMI#: MD0447  
Hodges Landfill  
Site Alias:  
Location: Hodges Road,  
Eldersburg

BMI#: MD1076  
Hoff Property  
Site Alias:  
Location: Southeast of 1125  
Poole Road, Westminster

BMI#: MD0732  
Keystone Landfill  
Site Alias:  
Location: Pennsylvania, Union  
Township

BMI#: MD1516  
Klees Mill Road  
Site Alias:  
Location: 5412 S. Klees Mill  
Road, Sykesville

BMI#: MD1150  
Lippy Bros. Tire Dump  
Site Alias: Carroll County Tire  
Dump; Bachman Valley Tire  
Dump  
Location: 334 Lees Mill Road,  
Westminster

BMI#: MD0332  
Mil Spec Fasteners  
Site Alias:  
Location: 314 Hanover Pike  
(Route 30), Hampstead

BMI#: MD0595  
Mineral Hill Naturally Occurring  
Asbestos  
Site Alias: Mineral Hill NOA;  
Mineral Hill Mining Company;  
Tyler Mining Company  
Location: Off of Route 32;  
Southeast of Steep Drive,  
Eldersburg

BMI#: MD0577  
Modern Ideal Cleaners  
Site Alias:  
Location: 223 East Green Street,  
Westminster

BMI#: MD1420  
Northrop Gruman/Springfield  
Hospital Center

Site Alias: Northrop Gruman  
Systems Corporation Electronic  
Systems Sykesville Facility (7301  
Sykesville Road)  
Location: 6655 Sykesville Road,  
Sykesville

BMI#: MD1314  
Roop Farm  
Site Alias:  
Location: Route 27 and Kate  
Wagner Road, Westminster

BMI#: MD0919  
Southern States Grist Mill  
Site Alias: Serra Property  
Location: 7625 Main Street,  
Sykesville

BMI#: MD0590  
Springfield Mines Naturally  
Occurring Asbestos (NOA)  
Site Alias: Springfield Iron &  
Copper Mine  
Location: 900 feet Northeast of  
710 Obrecht Road, Sykesville

BMI#: MD1342  
Taneytown Cleaners  
Site Alias:  
Location: 9 Middle Street,  
Taneytown

BMI#: MD1694  
Tronox  
Site Alias: Mehring  
Transportation Services, LLC;  
Crop Production, Inc.  
Location: 1221 Bruceville Road,  
Keymar

BMI#: MD0798  
Westminster Citgo  
Site Alias:  
Location: Route 140 and Englar  
Road, Westminster

#### **Cecil County**

BMI#: MD0474  
Anchor Marina Assessment  
Site Alias: Anchor Marina, Inc.  
Location: Iroquois Drive, North  
East

BMI#: MD0430  
Bainbridge Naval Training Center  
Site Alias: Includes Bainbridge  
Residential Phase IA (VCP)  
Location: Route 222 (Bainbridge  
Road), Bainbridge

BMI#: MD0431  
Bainbridge Residential, Phase IA  
Site Alias: Part of Bainbridge  
Naval Training Ctr (MD-430)  
Location: Intersection of MD  
Route 222 and Bainbridge  
Boulevard, Port Deposit

BMI#: MD0592  
Bald Friar Quarry  
Site Alias: Camp Shadowbrook  
Location: Camp Shadowbrook  
Road, Conowingo

BMI#: MD0944  
Blue Chip Products  
Site Alias:  
Location: 301 Singerly Avenue,  
Elkton

BMI#: MD0545  
Carpenters Point Proof Range  
Site Alias:  
Location: Carpenters Point Road,  
Charlestown

BMI#: MD1315  
Charles Baker Property  
Site Alias:  
Location: 2116 Blue Ball Road,  
Elkton

BMI#: MD1237  
Chesapeake Publishing Company  
Elkton  
Site Alias:  
Location: 601 North Bridge  
Street, Elkton

BMI#: MD0318  
Childs Property  
Site Alias:  
Location: 172 Childs Road,  
Childs

BMI#: MD1151  
Cowentown Dump  
Site Alias: Duxbak, Inc.;  
Commander Garnet  
Location: 0.5 mile west of North  
East on Route 7 (south side),  
North East

BMI#: MD1818  
Crown Display and Fireworks Co.  
Site Alias: Maryland Display and  
Fireworks  
Location: RFD 4 Elkton, Elkton

BMI#: MD0313  
Dwyer Property  
Site Alias:  
Location: Route 275 and Route  
549, Elkton

BMI#: MD0433  
Elkton Farm  
Site Alias: Includes Herron Farm  
Area 1, Area 2, Area 3, Area 4  
(VCP)  
Location: 183 Zeitler Road,  
Elkton

BMI#: MD0533  
Elkton Farm Firehole  
Site Alias: Part of Herron Area 3  
(VCP)  
Location: Zeitler Road, Elkton

BMI#: MD0761  
Elkton Farm Unit 4  
Site Alias: Part of Elkton Farm  
(MD-433)  
Location: 183 Zeitler Road,  
Elkton

BMI#: MD0294  
GE Railcar Repair Services

Site Alias: Stauffer Chemical (MD-099)  
Location: 505 Blue Ball Road, Elkton

BMI#: MD0570  
Globe Fireworks/Bacon Hill  
Site Alias: Interstate Fireworks, Eagle Fireworks, Beacon Hill, Brooks Pyrotechnics  
Location: Route 7 near Elk Neck State Forest, North East

BMI#: MD1279  
Herron Area 1  
Site Alias: Part of Elkton Farm (MD-433)  
Location: Herron Farm, portion west of Laurel Run, Elkton

BMI#: MD0748  
Herron Area 2  
Site Alias: Part of Elkton Farm (MD-433)  
Location: Herron Farm, portion north of Zeitler Road, Elkton

BMI#: MD0749  
Herron Area 3  
Site Alias: Part of Elkton Farm (MD-433); Includes Elkton Farm Firehole (PA/SI/FUDS)  
Location: Herron Farm, portion south of Zeitler Road, Elkton

BMI#: MD0450  
Hopkins Quarry  
Site Alias:  
Location: Hopkins Quarry Road and Route 222, Port Deposit

BMI#: MD0984  
Ionics/Perelli Cable (off-site plume)  
Site Alias:  
Location: Adjacent to 801 Elkton Boulevard, Elkton

BMI#: MD0372  
IP Inc.  
Site Alias: Isocyanate Products, Inc  
Location: 505 Blue Ball Road, Triumph Industrial Park, Elkton

BMI#: MD0541  
Keystone Fireworks  
Site Alias:  
Location: 1687 East Old Philadelphia Road, Elkton

BMI#: MD0857  
LH Cleaners  
Site Alias:  
Location: 115 Railroad Ave, Elkton

BMI#: MD0582  
Maryland Assemblies  
Site Alias: Champion Company, Inc.; MDASM; 103 and 107 Remington Road  
Location: 683 Dr. Jack Road, Port Deposit

BMI#: MD0537  
Maryland Cork  
Site Alias:  
Location: Trinco/Triumph Industrial Park, P.O. Box 126, Elkton

BMI#: MD0033  
Maryland Sand, Gravel and Stone  
Site Alias: Sand, Gravel & Stone (MD-085)  
Location: Route 40; South of intersection of Marley Road and Nottingham Road, Elkton

BMI#: MD1760  
Mill Creek Perchlorate  
Site Alias: Route 7 Perchlorate Study, Sherwood Forrest Mobile Home Park  
Location: 1500-2100 blocks of Old Philadelphia Road, Elkton

BMI#: MD0137  
Montgomery Brothers Dump  
Site Alias: North East Drum Dump; Lakeside Park Development  
Location: w/s Inverness Drive, North East

BMI#: MD1050  
Morton Thiokol Ammunition Plant  
Site Alias: C03MD1012  
Location: Triumph Industrial Park off Blue Ball Road, Elkton

BMI#: MD0386  
National Fireworks  
Site Alias:  
Location: 900-1000 Singlerly Road, Elkton

BMI#: MD0075  
New Jersey Fireworks/Route 7 Dump  
Site Alias: Includes Route 7 Chemical Dump (MD-075)  
Location: 1726 Old Philadelphia Road, Elkton

BMI#: MD0268  
Ordnance Products  
Site Alias:  
Location: 1079 Mechanics Valley Road, North East

BMI#: MD0542  
Patriotic Fireworks  
Site Alias:  
Location: 200 Patriotic Lane, North East

BMI#: MD1152  
Perryville Rail Yard  
Site Alias:  
Location: Front Street, Perryville

BMI#: MD1119  
Port Deposit MGP  
Site Alias:  
Location: Main Street (Route 222), Port Deposit

BMI#: MD1797

Proposed Enhanced-Use Lease Project (The Village)  
Site Alias: EUL Project; Veterans Administration Medical Center  
Location: Area bounded by 1st Street, Avenue D, 5th Street, 4th Street, Avenue C, 5th Street and Avenue A, Perry Point

BMI#: MD0544  
Red Toad Road Disposal Site  
Site Alias:  
Location: Red Toad Road, Port Deposit

BMI#: MD0548  
Reginald Thompson Property  
Site Alias:  
Location: Oldfield Point Road, Elkton

BMI#: MD0075  
Route 7 Chem Dump Site  
Site Alias: Part of New Jersey Fireworks  
Location: 1.9 miles west off Route 40, Elkton

BMI#: MD0045  
Spectron  
Site Alias: Galaxy  
Location: 111 Providence Road, Elkton

BMI#: MD0600  
Sun Cleaners  
Site Alias:  
Location: 24 Buckley Avenue, Rising Sun

BMI#: MD0100  
Thiokol Corp. - Elkton  
Site Alias:  
Location: Trinco Industrial Park, Elkton

BMI#: MD0762  
Thiokol Motor Recovery Area  
Site Alias: Part of Elkton Farm (MD-433)  
Location: 183 Zeitler Road, Elkton

BMI#: MD1477  
Town of Elkton Groundwater Study  
Site Alias:  
Location: Multiple Addresses, Elkton

BMI#: MD1185  
Trinco Industrial Park - 18 Lots  
Site Alias: Cecil Industrial Park  
Location: 801 Blue Ball Road, Elkton

BMI#: MD0553  
Triumph Explosives Burn Pit  
Site Alias:  
Location: Triumph/Trinco Industrial Park, Elkton

BMI#: MD1889  
Triumph Explosives Industries

Site Alias: Area includes several other sites  
Location: Area bounded by MD 279, MD-213, Route 40 and Nottingham Road, Elkton

BMI#: MD0303  
Triumph Industrial Park/WL Gore  
Site Alias: WL Gore Left Bank; Trinco Industrial Park  
Location: Triumph Industrial Park off Blue Ball Road; 3 Blue Ball Road; P.O. Box 1130, Elkton

BMI#: MD0366  
Vicon Property  
Site Alias: Walnut Station; (Winsor Pointe) Walnut Hill Station  
Location: 900-1100 Singlerly Road, Elkton

BMI#: MD0536  
Victory Sparkler  
Site Alias: Plasticoid Company  
Location: 249 West High Street, Elkton

BMI#: MD0487  
Woodlawn II  
Site Alias: Son of Woodlawn  
Location: Waibel Road, Colora

BMI#: MD0050  
Woodlawn Landfill  
Site Alias: Associated w/ Woodlawn II (Non-ML Site)  
Location: One mile north of intersection of Route 275 and Route 276, Woodlawn

**Charles County**

BMI#: MD1758  
3138 Crain Highway  
Site Alias: 3130-3138 Crain Highway, Dryclean Express  
Location: 3130 Crain Highway, Waldorf

BMI#: MD0136  
Blossom Point Field Test Area  
Site Alias:  
Location: Cedar Point Neck, La Plata

BMI#: MD0261  
Charles County Sanitary Landfill  
Site Alias:  
Location: Route 425 and Route 484, Pisgah

BMI#: MD0774  
Cherry Hill/Pittman Road/Waldorf Trailer/Cherry Pit Drum Site (Waldorf Location)  
Site Alias: Magnetics, Inc.; Southern Maryland Traler Rental  
Location: 2690 Old Washington Road, Waldorf

BMI#: MD1377  
Jameson-Harrison American Legion Post 238 & Dyson Besche REA

<p>Site Alias: A.C. Besche Real Estate Location: 15322 Prince Frederick Road, Hughesville</p> <p>BMI#: MD0064 Naval Ordnance Station - Indian Head Site Alias: Naval Surface Warfare Center - Indian Head Location: 101 Strauss Avenue (Route 210), Indian Head</p> <p>BMI#: MD0218 Pomomkey - Control Nike W-54 Site Alias: Former Battery Control (C03MD0243) Location: Bumpy Oak Road, Pomomkey</p> <p>BMI#: MD0217 Pomomkey - Launch Nike W-54 Site Alias: C03MD0243 Location: Bumpy Oak Road, Pomomkey</p> <p>BMI#: MD1785 Proposed Charles County Elementary School #22 Site Alias: Location: 10065 Billingsley Road, White Plains</p> <p>BMI#: MD0219 Waldorf - Control Nike W44 Site Alias: C03MD0241 Location: Country Lane, Mattawoman</p> <p>BMI#: MD1882 Waldorf Station Property East Site Alias: Waldorf East; Includes Parcels 3 &amp; 59 located on Mattawoman-Beantown Road Location: 2120 Old Washington Rd, 12492 &amp; 12500 Substation Rd, 2273 Mattawoman-Beantown Rd, Waldorf</p> <p>BMI#: MD1881 Waldorf Station Property West Site Alias: Waldorf Gateway, Waldorf West, Waldorf Crossing, Embassy Dairy, New Community Church, J&amp;J Logistics, Xtra Fuel Gasoline Station Location: 2111, 2075, 2125, 2135, 2145 Crain Highway; 12435 &amp; 12480 Mattawoman Drive, Waldorf</p>	<p>Location: Convergence of Fishing Bay, Nanticoke River and Honga River, Dorchester</p> <p>BMI#: MD1361 Cambridge, Inc. Site Alias: Location: 105 Goodwill Road, Cambridge</p> <p>BMI#: MD1153 Connelly Container Site Alias: Location: 903 Woods Road, Cambridge</p> <p>BMI#: MD0854 Former Dorset Cleaners Site Alias: Stivers Property Location: 201 Green Street, Cambridge</p> <p>BMI#: MD0420 Nelson's Body Shop Site Alias: Location: 825 Chesapeake Drive, Cambridge</p> <p>BMI#: MD1149 Phillips Packing Site Alias: Location: 1 Washington Street, Cambridge</p> <p><b>Frederick County</b></p> <p>BMI#: MD1910 200 East Patrick Street Site Alias: Former Frederick News-Post and Former Birely Tannery buildings Location: 200 East Patrick Street, Frederick</p> <p>BMI#: MD0804 565 East Church Street Site Alias: Frederick Painting Company Location: 565 East Church Street, Frederick</p> <p>BMI#: MD1154 Applied Communications Building Site Alias: Amstar Building; 270 Technology Park Location: 5300 Spectrum Drive, Frederick</p> <p>BMI#: MD1917 Biggs Ford Solar Center Site Alias: Coronal Energy Location: 8300 Biggs Ford Road, Walkersville</p> <p>BMI#: MD0945 CSX Railyard Site Alias: Location: C&amp;O Canal Park near Mile Post 55, Brunswick</p> <p>BMI#: MD0202 Eastalco Aluminum Company Site Alias: Includes Catoctin Power property</p>	<p>Location: 5601 Manor Woods Road, Frederick</p> <p>BMI#: MD1504 ESSROC Cement Corporation (Well Contamination) Site Alias: Location: 4120 Buckeystown Pike, Frederick</p> <p>BMI#: MD1908 Former Birely Tannery Property Site Alias: Location: 200 East Patrick Street, Frederick</p> <p>BMI#: MD0076 Fort Detrick - USA Site Alias: Frederick Cancer Research Center (MD-066) Location: Fort Detrick, Frederick</p> <p>BMI#: MD0428 Fort Detrick Area B Site Alias: Location: Rosemont Avenue, Frederick</p> <p>BMI#: MD1186 Frederick Cooperative Site Alias: Farmers Cooperative Location: 35 East South Street, Frederick</p> <p>BMI#: MD1873 Frederick Corner I (Bluegrass) Site Alias: Bluegrass Materials Company Location: 830, 832, 834, and 838 East South Street, Frederick</p> <p>BMI#: MD1872 Frederick Corner II and Frederick Corner III (Bluegrass East) Site Alias: Wolfe Family, LLP; Romsburg Property Location: 813 East South Street, Frederick</p> <p>BMI#: MD1348 Frederick Parcel D Site Alias: Location: Commerce Street and East Street, Frederick</p> <p>BMI#: MD0925 Frederick Parcel F Site Alias: Location: East Street and Commerce Street, Frederick</p> <p>BMI#: MD1048 Frederick Parcel G Site Alias: Includes Lot/Bean Factory (Parcel G, Lot 1)(VCP) and Frederick Revitalization I (VCP) Location: 5 and 11 Commerce Street, 101 and 103 East South Street, 126 South Carroll Street, Frederick</p> <p>BMI#: MD1173 Frederick Parcels J and K Site Alias:</p>	<p>Location: 400-423 East Patrick Street, Frederick</p> <p>BMI#: MD0164 Frederick Town Gas Site Alias: Location: 350 East Church Street, Frederick</p> <p>BMI#: MD1911 Holstein Court Site Alias: Harland Heights; Harland Heights Location: 14507-A Holstein Court, Thurmont</p> <p>BMI#: MD1916 Legore Bridge Solar Center Site Alias: Coronal Energy Location: 12386 Clyde Young Road, Keymar</p> <p>BMI#: MD0740 Lot 2, Site F (Governor William Donald Schaefer State Office) Site Alias: Site F; Lot 2 "Site F" Location: 101 East All Saints Street, Lot 2, Frederick</p> <p>BMI#: MD1804 Main's Heights Site Alias: Location: West Side of Mains Lane, North Side of Bartonville Road, Frederick</p> <p>BMI#: MD0486 Marinace Pesticide Site Site Alias: Location: 10919 Green Valley Road, Johnsville</p> <p>BMI#: MD1278 McHenry Property Site Alias: McHenry Auto Parts, Frederick Site I; Patrick Street MGP Location: 300 East Patrick Street, Frederick</p> <p>BMI#: MD1187 Middletown Fuel Depot Site Alias: Location: 201 South Church Street, Frederick</p> <p>BMI#: MD0060 Naval Support Facility - USN Site Alias: USN Naval Support Facility Location: Catoctin Mountain National Park; Post Office Box 1000, Thurmont</p> <p>BMI#: MD0066 NCI Frederick Cancer Research Site Alias: Fort Detrick (MD-076) Location: Fort Detrick, Frederick</p> <p>BMI#: MD0629 North End Cleaners Site Alias: Joe's Cleaners, Joe's North End Cleaners Location: 413 North Market Street, Frederick</p>
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BMI#: MD0995  
Parcel J and Lot 1 of the Wayside (Young) Property  
Site Alias:  
Location: 400 Block on East Patrick Street, Frederick

BMI#: MD0734  
Parcel K  
Site Alias:  
Location: 400 Block of East Patrick Street, Frederick

BMI#: MD1867  
Prosperity Cleaners  
Site Alias:  
Location: 17 West Frederick Street, Walkersville

BMI#: MD1748  
Rayburn Property  
Site Alias: Preserve at Long Branch  
Location: 9515 Baltimore Road, Frederick

BMI#: MD0521  
Roddy Road Dump  
Site Alias: Roddy Road Corridor  
Location: 7914 Apples Church Road, also off of Roddy Road, Thurmont

BMI#: MD1240  
Rotorex Property, Parcel 74  
Site Alias: Fedders Corporation; Monocacy Trading Center  
Location: 8301-B Retreat Road, Walkersville

BMI#: MD1156  
Schrodel Farm  
Site Alias:  
Location: 9234-B Reichs Ford Road, Frederick

BMI#: MD1284  
Site D-Former B & O Terminal  
Site Alias:  
Location: Between Carroll Creek, Carroll Street, East Street and East All Saints Street, Frederick

BMI#: MD1541  
Stup's Garage  
Site Alias:  
Location: 8052 Ball Road, Frederick

BMI#: MD0943  
Thurmont Town Wells 7 & 8  
Site Alias:  
Location: Apples Church Road and Roddy Road/Apples Church Road and Carroll Road, Thurmont

**Garrett County**

BMI#: MD0351  
Harbison-Walker Refractories Company ( New Savage Works)  
Site Alias: Clayburn Brick Yard, Union Firebrick

Location: 16306 Bittinger Road, Grantsville

BMI#: MD1863  
Nu Way Cleaners  
Site Alias: Nuway Cleaners  
Oakland  
Location: 111 East Center Street, Oakland

BMI#: MD0255  
Oakland Junkyard Site  
Site Alias: Martin's Junk Yard  
Location: Route 219, Oakland

BMI#: MD0271  
Texas Eastern - Accident Station  
Site Alias:  
Location: Accident-Friendsville Road, Accident

**Harford County**

BMI#: MD1887  
1143 Main Street  
Site Alias:  
Location: 1143 Main Street, Darlington

BMI#: MD1589  
627 Water Street  
Site Alias:  
Location: 627 Water Street, Havre de Grace

BMI#: MD0741  
649 Water Street - Lot 2  
Site Alias: Lawson Distributing Company; Gilbert Enterprises  
Location: 649 Water Street, Havre De Grace

BMI#: MD0742  
649 Water Street - Lots 1 & 3  
Site Alias: Lawson Distributing Company; Gilbert Enterprises  
Location: 649 Water Street, Havre De Grace

BMI#: MD0949  
660 Revolution Street  
Site Alias:  
Location: 660 Revolution Street, Havre De Grace

BMI#: MD0579  
Aberdeen Cleaners  
Site Alias: Aberdeen Cleaners and Dry Cleaners  
Location: 19 West Bel Air Avenue, Aberdeen

BMI#: MD0001  
Aberdeen Dump  
Site Alias:  
Location: 361 Michael Lane, Aberdeen

BMI#: MD0032  
Aberdeen Proving Grounds - Edgewood Area  
Site Alias:  
Location: Off Route 40, Aberdeen

BMI#: MD0065

Aberdeen Proving Grounds - Michaelsville Area  
Site Alias:  
Location: Off Route 40, Aberdeen

BMI#: MD0301  
Abingdon Landfill  
Site Alias:  
Location: Old Philadelphia Road (Route 7), Abingdon

BMI#: MD1410  
Ames Shopping Plaza  
Site Alias: Master Cleaners, Swan Creek Village Center, Villages at Swann Creek  
Location: 2015-2113 Pulaski Highway, Havre De Grace

BMI#: MD0460  
Braxton Property Landfill  
Site Alias:  
Location: Bush Road and Old Philadelphia Road, Abingdon

BMI#: MD0002  
Bush Valley Landfill  
Site Alias:  
Location: Bush Road, Abingdon

BMI#: MD1255  
Cleaning Solutions Group Site  
Site Alias: Cello Property, Cello Corporation.; Carroll Company; Sherwin-Williams Company; 1354 Old Post Road  
Location: 1354 Old Post Road, Havre De Grace

BMI#: MD0612  
Clear Creek Glen Site  
Site Alias: Thompson Farm  
Location: Oldfield Point Road, Elkton

BMI#: MD0905  
Former New Pioneer Cleaners  
Site Alias: Hickory Hills Surface Water Contamination  
Location: 421 North Main Street, Bel Air

BMI#: MD0839  
Former Weber Farm  
Site Alias: Bulle Rock; The Paddocks at Bulle Rock; Cigar Lp; Native Dancer Cr; Man O War P; Affirmed Dr; Flying Ebony P  
Location: Chapel Road; Bulle Rock Pkwy; Ferdinand Dr; Temperence Hill Wy; Master Derby Dr; Smarty Jones Ter; War Admiral Wy, Havre de Grace

BMI#: MD1188  
Gilbert Property - 4 Parcels  
Site Alias: Gilbert Tank Farm; Part of 649 Water Street - Lots 1 & 3 (VCP)  
Location: 649 Water Street, Havre De Grace

BMI#: MD1338  
Glenn Heights  
Site Alias:

Location: Glenn Heights Subdivision off Route 40, Havre De Grace

BMI#: MD1877  
Harford County Site  
Site Alias: Former Orchard  
Location: 1143 Main Street, Darlington

BMI#: MD0037  
Havre de Grace Dump  
Site Alias:  
Location: End of Arundel Lane, Havre de Grace

BMI#: MD1120  
Havre de Grace Fireworks  
Site Alias: Fabrizio Property  
Location: North of Chapel Road, Havre de Grace

BMI#: MD0162  
Havre de Grace Plant  
Site Alias: Coca Cola Garage?  
Location: 200 block of Juniata Street, Havre de Grace

BMI#: MD0462  
Johnson Property  
Site Alias:  
Location: Sewell Road and Bush Road, Abingdon

BMI#: MD1157  
Joppa Sand and Gravel  
Site Alias:  
Location: West of Townewood Drive, Joppa

BMI#: MD0609  
Kroh's Cleaners  
Site Alias:  
Location: 15 East Pennsylvania Avenue, Bel Air

BMI#: MD0363  
Long's Septic Service  
Site Alias:  
Location: 4019-4027-4029 Gravel Hill Road, Havre De Grace

BMI#: MD0639  
McSpadden Cleaners  
Site Alias:  
Location: 137 North Washington Street, Havre de Grace

BMI#: MD0123  
Miller Chemical & Fertilizer Corp.  
Site Alias:  
Location: Route 136 and Route 135, Whiteford

BMI#: MD1890  
Mine Fields Naturally Occurring Asbestos Site  
Site Alias: Mine Fields NOA Site  
Location: 615 Cherry Hill Road, Street

BMI#: MD0569  
Monumental Fireworks

Site Alias: Possibly Havre de Grace Fireworks/Commercial Novelty Inc.  
Location: Off Post Road, Havre de Grace

BMI#: MD0038  
Mullins Landfill  
Site Alias:  
Location: End of Mullins Road, Havre De Grace

BMI#: MD1189  
Penns Marina  
Site Alias:  
Location: 411 Concord Street, Havre De Grace

BMI#: MD1182  
Post Road Cleaners  
Site Alias: Related to MD-162  
Location: 1100 Revolution Street, Havre De Grace

BMI#: MD1798  
Proposed Havre de Grace Middle School  
Site Alias:  
Location: 401 Lewis Lane, Havre de Grace

BMI#: MD1190  
Riegel Scrap Property  
Site Alias:  
Location: 514-516 Young Street, Havre De Grace

BMI#: MD0236  
Scarboro Landfill  
Site Alias: Located on Harford Waste Disposal Center  
Location: Scarboro Road, Street

BMI#: MD1803  
Starlight Cleaners  
Site Alias:  
Location: 113 West Bel Air Avenue, Aberdeen

BMI#: MD0446  
Union Road Dump  
Site Alias:  
Location: 1515 Union Road, Aberdeen

BMI#: MD1868  
Valet 1-Hour Cleaners  
Site Alias:  
Location: 34 North Parke Street, Aberdeen

BMI#: MD1362  
Washington Court  
Site Alias:  
Location: Cedar Drive, Edgewood

#### Howard County

BMI#: MD1012  
Calvert Ridge  
Site Alias:  
Location: 7035, 7043, 7047 Calvert Drive, Elkridge

BMI#: MD1057  
Carrs Mill Landfill  
Site Alias:  
Location: Carrs Mill Road and Bushy Park Road, Lisbon

BMI#: MD0305  
Cemetery Lane  
Site Alias: Includes Cemetery Lane West (VCP)  
Location: South of intersection of Mayfield Road and Meadowridge Road, Elkridge

BMI#: MD1013  
Daedalean Inc.  
Site Alias:  
Location: 15110 Frederick Road, Woodbine

BMI#: MD0591  
Daniels Quarry  
Site Alias:  
Location: South of Daniels Road, near the top of a north-facing slope approximately ½ mile south of Daniels, within the Patapsco State Pa, Ellicott City

BMI#: MD0886  
Daniels Road Drum Dump  
Site Alias:  
Location: 2090 Daniels Road, Ellicott City

BMI#: MD1355  
Enchanted Forest Shopping Center  
Site Alias:  
Location: 10000-10060 Baltimore National Pike, Ellicott City

BMI#: MD0805  
Former Boise Building Materials Distribution Site  
Site Alias: Includes Annapolis Junction Town Center - Lot D; Part of Annapolis Junction Town Center; Furman Lumber Co., Golden Key Homes, K  
Location: 8960 Henkels Lane, Annapolis Junction

BMI#: MD1552  
Grandfather's Garden Center  
Site Alias: Grandfather's Nursery, Grandfather's Gardens  
Location: 5320 Phelps Luck Drive, Columbia

BMI#: MD0890  
Grovemont Overlook  
Site Alias:  
Location: Landing Road; Cole Peyton Ln; Forest Kelly Crt; Wecker Wy, Elkridge

BMI#: MD0241  
Long Life Treated Wood Inc.  
Site Alias:  
Location: Dorsey Raceway Road, Dorsey

BMI#: MD1614  
Long Reach Village Center

Site Alias:  
Location: 8775 Cloudleap Court, Columbia

BMI#: MD1792  
Meadowridge Property  
Site Alias: Includes Cemetery Lane West (VCP)  
Location: South side of Meadowridge Road and due west of Interstate 95, adjacent to 6510 Meadowridge Road, Elkridge

BMI#: MD1014  
Merritt  
Site Alias:  
Location: 9525 Berger Road, Columbia

BMI#: MD1015  
Rendering Plant  
Site Alias:  
Location: Meadowridge Road; Route 100 (800 feet southwest of MD Route 103), Elkridge

BMI#: MD1544  
Ten Oaks Plaza  
Site Alias:  
Location: 3900 Ten Oaks Road, Glenelg

BMI#: MD1016  
Vista Road  
Site Alias:  
Location: 10613 Vista Road, Columbia

BMI#: MD0117  
W.R. Grace Washington Research Center  
Site Alias: W.R. Grace Columbia Property  
Location: 7379 Route 32, Columbia

BMI#: MD1056  
Worthington Elementary School  
Site Alias:  
Location: 4570 Roundhill Road, Ellicott City

#### Kent County

BMI#: MD1246  
107 North Cross Street  
Site Alias: Former Park Rug & Cleaners; Admiral Cleaners  
Location: 107 North Cross Street, Chestertown

BMI#: MD0198  
Chestertown Gas Co.  
Site Alias:  
Location: 813 West High Street, Chestertown

BMI#: MD0029  
Chestertown Municipal Dump  
Site Alias:  
Location: South of Cromwell Clark Road, Chestertown

BMI#: MD1801

Crop Production Services - Massey  
Site Alias:  
Location: 12200 Massey Road, Massey

BMI#: MD1827  
Galena-Millington Landfill/Dump Site  
Site Alias:  
Location: Daves Hill Road, Kennedyville

BMI#: MD0535  
KDI Quarry  
Site Alias: Kent Defense Industries Pit  
Location: Stockton Startt Road, Chestertown

BMI#: MD0532  
Kent Defense Industries Ordnance Plant  
Site Alias: KDI, Chestertown Ordnance Plant, Kent Defense Ind.  
Location: 800 High Street, Chestertown

BMI#: MD0138  
Laurence J. Nicholson Landfill  
Site Alias: Nicholson Landfill  
Location: Earl Nicholson Road, Chestertown

BMI#: MD0524  
Radcliffe Drive Dump (OU-3)  
Site Alias:  
Location: Radcliffe Drive, Chestertown

BMI#: MD0028  
Tenneco Inc. - Chestertown Plant  
Site Alias:  
Location: Route 297, Chestertown

BMI#: MD0221  
Tolchester - Control  
Site Alias: C03MD0237  
Location: Tolchester Beach Road (Route 21), Tolchester

BMI#: MD0220  
Tolchester - Launch  
Site Alias: C03MD0237  
Location: Rock Hall Tolchester Road (Route 445), Tolchester

#### Montgomery County

BMI#: MD0999  
1200 and 1212 East West Highway  
Site Alias: Silver Spring Auto City; Werners Exxon; All Tune & Lube  
Location: 1200 and 1212 East West Highway, Silver Spring

BMI#: MD0803  
13501 Layhill Road

Site Alias: Indian Springs Golf Course and Resort; Poplar Run Property Location: 13501 Layhill Road, Silver Spring	Fairchild Space and Defense Corporation; G Location: 12845, 12855, 12835, 12825, & 12815 Fairchild Drive, Germantown	BMI#: MD0222 Gaithersburg - Launch/Gaithersburg Research Facility Site Alias: Gaithersburg - Launch; Includes Reserve Business Center (VCP) Property Location: Off Snouffers School Road, Gaithersburg	Site Alias: USN Naval Surface Warfare Center White Oak Detachment Location: 10901 New Hampshire Avenue, Silver Spring
BMI#: MD0827 1900 Chapman Site Alias: Lot 14-A; Syms Corporation; Fawcett Printing Corporation; Former Haynes Lithograph Co.; Holladay Tyler Printing; Holladay Prope Location: 1900 Chapman Avenue, Rockville	BMI#: MD1017 City of Rockville Water Tower Site Alias: Talbott Street Water Tower Location: 200 Talbott Street, Rockville	BMI#: MD0822 Georgetown Square Shopping Center Site Alias: Location: 10400 Old Georgetown Road, Bethesda	BMI#: MD1344 Neutron Products Site Alias: Location: 22301 Mt. Ephraim Road, Dickerson
BMI#: MD1901 4809 Auburn Avenue Site Alias: Duron Paint Store; Sherwin Williams Paint Store Location: 4809 Auburn Avenue, Bethesda	BMI#: MD1764 Comsat Property Site Alias: Intelsat Technical Annex Facility; Telemetry Tracking Command and Monitoring; Satellite Control Facility Location: 22300 and 22021 Comsat Drive, Clarksburg	BMI#: MD1019 Harrison Island Drum Site Site Alias: Location: Approximately 0.5 mile downstream from White's Ferry, Poolesville	BMI#: MD1159 One Cherry Choke Road Site Alias: Kodak Parcel 9B, Kodak Processing Plant Location: 1 Cherry Choke Road, Rockville
BMI#: MD1906 5204 River Road Site Alias: Location: 5204 River Road, Bethesda	BMI#: MD0522 Conduit Road Test Site Site Alias: C03MD0345 Location: Near Clara Barton Parkway, Bethesda	BMI#: MD0306 Kenneth Shumaker Dump Site Alias: Location: 21723 Peach Tree Road, Barnesville	BMI#: MD1239 Park Potomac Site Alias: Fortune Park, Wheel of Fortune Location: 12500 Park Potomac Avenue, Potomac
BMI#: MD0782 7300-7308 Carroll Avenue Site Alias: Location: 7300-7308 Carroll Avenue, Takoma Park	BMI#: MD0409 David Taylor Research Center Site Alias: David Taylor Model Basin; Naval Surface Warfare Center Carderock Division; NSWC Carderock Location: Clara Barton Parkway, Bethesda	BMI#: MD0226 Laytonsville - Control Nike W93 Site Alias: Olney Nike Site; Nike W-93 Olney (C03MD0247) Location: Zion Road, Olney	BMI#: MD1624 Percontee Cherry Hill Road Facility Site Alias: Contee Sand and Gravel Company; Percontee Inc. - McCeney Tract; Pilot Construction, Inc.; Concrete Supply Corp. Location: 11700 Cherry Hill Road, Silver Spring
BMI#: MD1757 8008 Wisconsin Avenue Site Alias: 8008 and 8010 Wisconsin Avenue Location: 8004-8006 Wisconsin Avenue and 8013 Woodmont Avenue, Bethesda	BMI#: MD0937 Defense Mapping Agency Site Alias: Topographic Center Location: Sangamore Road, Bethesda	BMI#: MD0947 Montgomery Concrete Site Site Alias: Location: 15130 Southlawn Lane, Rockville	BMI#: MD1705 Piney Branch Shopping Center Site Alias: Keith's Laundromat; Dry Cleaners Flower Valet Location: 8501 Piney Branch Road, Silver Spring
BMI#: MD1678 8621 Georgia Avenue Site Alias: Johns Hopkins Physics Laboratory Location: 8621 Georgia Avenue, Silver Spring	BMI#: MD1018 Embassy Plaza Site Alias: Location: 7272 Wisconsin Avenue, Bethesda	BMI#: MD1553 Montgomery Village Golf Course Site Alias: Location: 19550 Montgomery Village Avenue, Gaithersburg	BMI#: MD0731 Poplar Mill Subdivision Site Alias: Location: Poplar Avenue and New Hampshire Avenue, Takoma Park
BMI#: MD1915 900 Thayer Avenue Site Alias: Location: 900 Thayer Avenue, Silver Spring	BMI#: MD1556 Falkland Road Residential, L.L.C. Site Alias: Falkland Chase Apartments - North Parcel Location: 1545 North Falkland Lane, Silver Spring	BMI#: MD0775 Montrose Crossing Center Site Alias: Location: 12015-12099 Rockville Pike, Rockville	BMI#: MD1426 Randolph Hills Shopping Center Site Alias: Location: 4816-4890 Boiling Brook Parkway and 11608-11634 Boiling Brook Road, Rockville
BMI#: MD0068 Adelphi Laboratory Center Site Alias: Harry Diamond Laboratories Location: 2800 Powdermill Road, Adelphi	BMI#: MD0849 Fenwick Station Site Alias: United States Post Office Location: 8616 2nd Avenue, Silver Spring	BMI#: MD0813 National Park Seminary (North of Linden Lane) Site Alias: National Park Girls College property, VCP site is a subset of this site Location: North of Linden Lane, Silver Spring	BMI#: MD0227 Rockville - Control Site Alias: U.S. Consumer Product Safety Commission (C03MD0248) Location: 10901 Darnestown Road, Gaithersburg
BMI#: MD1554 Bainbridge Bethesda Metro Site Site Alias: Location: 7340 Wisconsin Avenue, Bethesda	BMI#: MD1738 Former WSSC Compro Facility Site Alias: Location: 2201 Industrial Parkway, Silver Spring	BMI#: MD0335 Naval Medical Command Site Alias: Location: 8901 Wisconsin Avenue, Bethesda	BMI#: MD0226 Rockville Launch/Gaithersburg Research Facility Site Alias: Rockville - Launch (C03MD0248), W-92 Location: 770 Muddy Branch Road, Gaithersburg
BMI#: MD1773 Century Multifamily Site Alias: Fairchild Industries; Fairchild Stratos Corporation; Fairchild-Miller Coproroeation;	BMI#: MD0224 Gaithersburg - Control Site Alias: Location: 8510 Snouffers School Road, Gaithersburg	BMI#: MD0061 Naval Surface Warfare Center - White Oak	BMI#: MD0344

Safety Kleen Corp. - Silver Spring  
Site Alias:  
Location: 12164 Tech Road,  
Silver Spring

BMI#: MD0865  
Safeway Gasoline Station #2794  
Site Alias: Damascus Citgo  
Service Station; Citgo Gas Station  
Location: 26300 Ridge Road,  
Damascus

BMI#: MD1086  
Sears & Roebuck Company  
Warehouse  
Site Alias:  
Location: 16401 Shady Grove  
Road, Rockville

BMI#: MD0772  
Seven Locks Plaza  
Site Alias: Cabin John Shopping  
Center Parcel O; Cabin John  
Shopping Center Parcel A  
Location: 7817-7825, 7901-7973,  
and 7711-7749 Tuckerman Lane,  
Potomac

BMI#: MD1158  
Silver Spring Mega Mall  
Site Alias: Silver Spring  
Redevelopment Project (VCP)  
Location: Southeast corner of  
Georgia Avenue and Colesville  
Road, Silver Spring

BMI#: MD1570  
Springhouse by Manor Care,  
Westbard Citgo I, Westbard Citgo  
II  
Site Alias:  
Location: 5101 Ridgefield Road,  
5471 Westbard Avenue, 5335  
Westbard Avenue, Bethesda

BMI#: MD1330  
Takoma Langley Crossroads  
Shopping Center  
Site Alias: Langley Park SC;  
1301,1305-1327, 1329-1335  
University Blvd.; 1327-1337  
Holton Lane; 7601-7609, 7633-  
7659, 7551-7553, 7663-7677  
Location: 1329-1335 University  
Boulevard, 7601-7609, 7633-  
7659, 7551-7553, 7663-7677 New  
Hampshire Avenue, Holton Lane,  
Takoma Park

BMI#: MD0860  
Travilah Station  
Site Alias: Travilah Grove;  
Rickman Property; Travilah  
Trading Company, Travilah  
Recovery Industries, Inc.  
Location: 14211-14219 Travilah  
Road, Rockville

BMI#: MD0432  
Walter Reed Army Medical Center  
Site Alias: Forest Glen Annex  
Location: 2961 Linden Lane,  
Rockville

BMI#: MD0404

Walter Reed Army Medical Center  
- Forest Glen Annex  
Site Alias:  
Location: Route 193, Wheaton

BMI#: MD0885  
Weller's Cleaners Property  
Site Alias:  
Location: 8237 Fenton Street,  
Silver Spring

BMI#: MD0765  
West Farm, Parcel A (IFI Case)  
Site Alias: IFI Case  
Location: Tech Road and  
Broadbirch Drive, Silver Spring

BMI#: MD1575  
Westwood Shopping Center II  
Site Alias: 5110 Ridgefield Road  
Location: 5110 Ridgefield Road,  
Bethesda

BMI#: MD1562  
Westwood Towers and Strike  
Bethesda  
Site Alias:  
Location: 5401 Westbard Avenue  
and 5353 Westbard Avenue,  
Bethesda

BMI#: MD1680  
Wheaton Triangle Site  
Site Alias: Public Parking Lot 13  
Location: Reedie Drive and  
Grandview Avenue, Wheaton

BMI#: MD1408  
White Flint Crossing  
Site Alias: Park Inn International,  
Colonial Manor Inn  
Location: 11410 Rockville Pike,  
Rockville

BMI#: MD0763  
WSSC Laboratory  
Site Alias: IFI Case  
Location: Tech Road, Silver  
Spring

**Prince George's County**

BMI#: MD1459  
12307 Conway Road  
Site Alias: Fred Maier Block  
Company; United Concrete  
Products  
Location: 12307 Conway Road,  
Beltsville

BMI#: MD0967  
1600 - 1602 University Boulevard  
Site Alias: OJB/1600 University  
Blvd  
Location: 1600 - 1602 University  
Boulevard, Langley Park

BMI#: MD0359  
Aggregate Industries  
Site Alias:  
Location: Foxley Road, Upper  
Marlboro

BMI#: MD0024  
Anacostia River Park

Site Alias:  
Location: South of Bladensburg  
Road, Colmar Manor

BMI#: MD0088  
Andrews Air Force Base  
Site Alias: USAF Andrews Air  
Force Base  
Location: Allentown Road;  
Perimeter Road, Camp Springs

BMI#: MD0790  
Anti Aircraft Artillery Site/Census  
Bureau  
Site Alias: Suitland Federal  
Center (C03MD0336)  
Location: Silver Hill Road,  
Suitland

BMI#: MD0053  
Beltsville Agricultural Research  
Center  
Site Alias: U.S. Agricultural  
Center Beltsville (2 Tenants)  
Location: Buildings 1321 and  
204, Beltsville

BMI#: MD1814  
Bevard Landfill  
Site Alias: Sandy Hill Landfill  
Location: Duckettstown Road,  
Bowie

BMI#: MD1491  
BP Station - Temple Hills  
Site Alias:  
Location: 7101 Allentown Road,  
Temple Hills

BMI#: MD0229  
Brandywine - Control  
Site Alias: Brandywine Nike  
Missile Battery (C03MD0238)  
Location: 13400 Edgemeade  
Road, Upper Marlboro

BMI#: MD1461  
Brandywine - Launch  
Site Alias:  
Location: Candy Hill Road,  
Brandywine

BMI#: MD0413  
Brandywine DRMO Salvage Yard  
Site Alias: Brandywine Defense  
Reutilization and Marketing Office  
Location: Route 381 Brandywine  
Road, Andrews

BMI#: MD0863  
Calverton Shopping Center  
Site Alias:  
Location: Powder Mill Road and  
Beltsville Drive, Beltsville

BMI#: MD0902  
Clevenger Corporation Property  
Site Alias:  
Location: 10718 Tucker Street,  
Beltsville

BMI#: MD0231  
Croom - Control  
Site Alias: C03MD0239

Location: 15100 Mount Calvert  
Road, Upper Marlboro

BMI#: MD0228  
Croom/Brandywine - Launch  
Site Alias: Croom/Brandywine W-  
36; Brandywine - Launch  
(C03MD0238)  
Location: Candy Hill Road, Upper  
Marlboro

BMI#: MD0124  
Denese Mann Property  
Site Alias: National Fence Mfg  
Co. Inc.; Merchant Metals  
Location: 4301 46th Street,  
Bladensburg

BMI#: MD1313  
Ellis Property  
Site Alias:  
Location: 11901 Brandywine  
Road, Clinton

BMI#: MD1688  
Former Kiplinger Property  
Site Alias: Edition Apartments,  
Kiplinger Washington Editors,  
Editor's Park, Editor's Press;  
Prince George's Plaza  
Location: 3401 East West  
Highway and 6200 Editor's Park  
Drive, Hyattsville

BMI#: MD0750  
Free State Shopping Center  
Site Alias: Free State Mall;  
Former Diplomat Cleaners  
(15670)  
Location: 15460-15700 Annapolis  
Road, Bowie

BMI#: MD0427  
Glendale Plant Germplasm  
Quarantine Facility  
Site Alias:  
Location: 11601 Old Pond Drive,  
Glenn Dale

BMI#: MD0054  
GSA Bladensburg  
Site Alias:  
Location: 4125 46th Street,  
Bladensburg

BMI#: MD1191  
Hampton Business Park  
Site Alias:  
Location: Between Central  
Avenue and Ashwood Drive,  
Landover

BMI#: MD1751  
Kingdom Square Shopping  
Center  
Site Alias: Hampton Park;  
Hampton Mall  
Location: 9005 Central Avenue,  
Capital Heights

BMI#: MD0183  
Laurel City Landfill  
Site Alias:  
Location: Route 198 (Fort Meade  
Road), Laurel

BMI#: MD1367  
Laurel Shopping Center  
Site Alias:  
Location: 356 Domer Avenue (at Route 1 South), Laurel

BMI#: MD1567  
Laurel Town Center  
Site Alias:  
Location: 13344 Laurel Bowie Road, Laurel

BMI#: MD1762  
Litton Industries  
Site Alias: Amecon  
Location: 5115 Calvert Rd, College Park

BMI#: MD0976  
Marlow Square Shopping Center  
Site Alias: One Price Cleaners (MD1527)  
Location: 4305 Saint Barnabas Road, Temple Hills

BMI#: MD0946  
Melwood Park Site  
Site Alias:  
Location: Melwood Park Road, Upper Marlboro

BMI#: MD0278  
Mineral Pigments Corporation  
Site Alias: Laporte Pigments; Rockwood Pigments NA, Inc.; Huntsman Pigments  
Location: 7011 Muirkirk Road, Beltsville

BMI#: MD0896  
Mr. G Cleaning Center  
Site Alias: Mr. "G"; Marlow Heights  
Location: 4241 28th Avenue, Temple Hills

BMI#: MD0124  
National Fence Mfg Co Inc  
Site Alias: Denese Mann Property (VCP)  
Location: 4301 46th Street, Bladensburg

BMI#: MD0736  
Naval Air Test Center  
Site Alias: Naval Air Warfare Center, Aircraft Division  
Location: Cherry Tree Crossing and Brandywine Road, Brandywine

BMI#: MD0323  
Naval Communication Unit - USN  
Site Alias: U.S. Naval Communication Unit  
Location: Dangerfield and Commo Road, Cheltenham

BMI#: MD1749  
Naylor Station  
Site Alias: Branch Avenue Properties  
Location: 3100-3140, 3144, 3200-3206, 3300 & 3304 Branch

Avenue and two unaddressed parcels, Temple Hills

BMI#: MD0495  
Nazcon Concrete  
Site Alias: Nazcon, Inc.  
Location: 3408 52nd Avenue, Beltsville

BMI#: MD0355  
Nelson Perrie Dump  
Site Alias:  
Location: 15200 Nelson Perrie Road, Brandywine

BMI#: MD1527  
One Price Cleaners (ZIPS)  
Site Alias: Part of Marlow Square Shopping Center (VCP - MD0976)  
Location: 4333 St. Barnabas Road, Marlow Heights

BMI#: MD0852  
Osborne Shopping Center Parcel E  
Site Alias:  
Location: 7605 SW Crain Highway, Upper Marlboro

BMI#: MD0470  
Paint Branch Landfill Area #3  
Site Alias: University of Maryland Landfill  
Location: Paint Branch Parkway and B&O Railroad (Univ of Maryland College Park Campus), College Park

BMI#: MD0267  
Patuxent Wildlife Research Center  
Site Alias:  
Location: Route 197 and Powdermill Road, Laurel

BMI#: MD0617  
Peeler's Dry Cleaners  
Site Alias: Mercury Cleaners  
Location: 6227 Baltimore Avenue, Riverdale

BMI#: MD1659  
Proposed Fairmount Heights High School  
Site Alias:  
Location: Columbia Park Road and Columbia Avenue, Hyattsville

BMI#: MD1585  
SCUDERI Property  
Site Alias: Adjacent to Mr G's  
Location: 4235 28th Avenue, Temple Hills

BMI#: MD1844  
Stadium Station  
Site Alias:  
Location: 7501 Landover Road, Landover

BMI#: MD1045  
Summerfield Extended Stay Hotel  
Site Alias:  
Location: Inglewood Business Park, Landover

BMI#: MD0759  
Takoma Park Shopping Center (off-site plume)  
Site Alias:  
Location: Adjacent to 6809-6881 New Hampshire Avenue, Takoma Park

BMI#: MD1041  
Takoma Park Shopping Center Condominium - Land Unit 2  
Site Alias: Takoma Park Shopping Center  
Location: 6809-6881 New Hampshire Avenue, Takoma Park

BMI#: MD1236  
The Brick Yard  
Site Alias: Washington Brick Co, Borden Brick and Tile Co, Maryland Brick, Maryland Clay Products, General Shale Brick, Creative Landscaping  
Location: 7100 Muirkirk Road, Beltsville

BMI#: MD1427  
Transport International Pool, Inc. dba GE Capital/Trailer Fleet Services  
Site Alias:  
Location: 6111 Sheriff Road, Capitol Heights

BMI#: MD0904  
UniFirst Corporation Facility  
Site Alias:  
Location: 6201 Sheriff Road, Hyattsville

BMI#: MD0248  
United Rigging and Hauling  
Site Alias:  
Location: 6701 Ammendale Road, Beltsville

BMI#: MD0494  
University Housing Site  
Site Alias:  
Location: 8000 Boteler Lane, College Park

BMI#: MD0950  
Vermiculite WRG1  
Site Alias:  
Location: Zonolite Co/WR Grace, Beltsville

BMI#: MD0338  
W.P. Ballard/Beltsville Industrial Center  
Site Alias: W.P. Ballard Site; W.P. Ballard & Company of Washington Property  
Location: 10722 Tucker Street, Beltsville

BMI#: MD0232  
Waldorf Nike W-44 Launch  
Site Alias: C03MD0241  
Location: Country Lane, Mattawoman

BMI#: MD1702

West Hyattsville Metro Property  
Site Alias: Ginn's Office Supply; M.S. Ginn and Company  
Location: 5620 Ager Road, Hyattsville

BMI#: MD1549  
White Oak Petroleum Facility #24640  
Site Alias:  
Location: 7631 Marlboro Pike, District Heights

BMI#: MD1099  
Wildercroft Shopping Center  
Site Alias:  
Location: 6808-6820 Riverdale Road, Riverdale

BMI#: MD0764  
Wildercroft Shopping Center (Off-Site Plume)  
Site Alias:  
Location: 6808-6820 Riverdale Road, Riverdale

BMI#: MD0998  
Wilson Farm  
Site Alias: Redskins Stadium; Jack Kent Cooke Stadium  
Location: South of Sheriff Road across from Palmer Park, Landover

BMI#: MD0489  
Zeal Scrap Tire Site  
Site Alias:  
Location: 6205 Dowerhouse Road, Upper Marlboro

BMI#: MD1656  
Zips Cleaners  
Site Alias:  
Location: 7215 Baltimore Avenue, College Park

**Queen Anne's County**

BMI#: MD1161  
Banjo Lane  
Site Alias:  
Location: 204 and 206 Banjo Lane, Centreville

BMI#: MD1800  
Crop Production Services - Centreville  
Site Alias:  
Location: 1003 Hope Road, Centreville

BMI#: MD1352  
Former Wye Mills Substation  
Site Alias:  
Location: U.S. Route 50, north of Route 404, Wye Mills

BMI#: MD1253  
Grasonville Food Mart  
Site Alias:  
Location: 101 Drummer Drive, Grasonville

**Somerset County**

BMI#: MD1109  
Carvel Hall  
Site Alias:  
Location: 4251 Crisfield Highway,  
Crisfield

BMI#: MD1233  
Chesapeake Forest Products Co.  
Site Alias:  
Location: 33677 Costen Road,  
Pocomoke City

BMI#: MD0453  
Chesapeake Wood Treating  
Site Alias: Chesapeake Plywood  
Location: Off Puncheon Landing  
Road, Pocomoke City

BMI#: MD0111  
Crisfield City Dump  
Site Alias: Crisfield Dump  
Location: Water Street, Crisfield

BMI#: MD0193  
Crisfield Light and Power Co.  
Site Alias:  
Location: Route 413, Crisfield

BMI#: MD0831  
Former Linens of the Week  
Site Alias:  
Location: 407 Anne Street,  
Salisbury

BMI#: MD1306  
H&H Derby  
Site Alias: Brown Derby  
Location: 30197 Deal Island  
Road, Princess Anne

BMI#: MD0914  
Shellfish Seafood, Ltd.  
Site Alias:  
Location: 30660 Hampden  
Avenue, Princess Anne

BMI#: MD0130  
Westover Landfill  
Site Alias: Somerset Landfill  
Location: Arden Station Road,  
Westover

#### **St. Mary's County**

BMI#: MD0754  
Former Thiokol Chemical (PB II,  
LLC)  
Site Alias: Part of Thiokol -  
Mechanicsville (MD-101)  
Location: Southeast side of  
Friendship School Road and west  
of Route 235, Mechanicsville

BMI#: MD0589  
Leonardtown Cleaners  
Site Alias:  
Location: 41650 Fenwick Street,  
Leonardtown

BMI#: MD1058  
Leonardtown SHA  
Site Alias:  
Location: South of intersection of  
Route 5 and Route 243,  
Leonardtown

BMI#: MD1147  
Leonardtown Wharf  
Site Alias:  
Location: South end of  
Washington Street, Leonardtown

BMI#: MD0792  
Lexington Park Site  
Site Alias:  
Location: Great Mills Road,  
South Coral Drive, Tulagi Place  
and Three Notch Road, Lexington  
Park

BMI#: MD1856  
Modern Cleaners  
Site Alias: Charlie Garner's  
Modern Cleaners, Royal Cleaners  
Location: 21779 Tulagi Place,  
Lexington Park

BMI#: MD1864  
Park Hall Dump  
Site Alias:  
Location: Point Lookout Road  
and Old Hermanville Road, Park  
Hall

BMI#: MD0057  
Patuxent River Naval Air Station  
Site Alias:  
Location: On Cedar Point at  
confluence of Patuxent River and  
Chesapeake Bay; Butt Rifle Rand  
Landfill, Lexington Park

BMI#: MD1391  
St. Inigoes (NICE East) / Val  
Electronics Sys Eng Act - USN  
Site Alias: NAS Patuxent River  
Webster Field Annex  
Location: Beachville Road, St  
Inigoes

BMI#: MD0101  
Thiokol - Mechanicsville  
Site Alias: Includes Former  
Thiokol Chemical (PB II,  
LLC)(VCP)  
Location: 26100 Friendship  
School Road, Mechanicsville

BMI#: MD0640  
U.S. Navy Torpedo Test Range  
(NTTR)  
Site Alias: Part of Harry  
Lundeberg School and the Paul  
Hall Center  
Location: 17270 Piney Point  
Road, Piney Point

BMI#: MD0324  
USN Naval Electronics Sys Eng  
Act  
Site Alias:  
Location: Villa Road off Route 5,  
St. Inigoes

#### **Talbot County**

BMI#: MD1752  
Blizzard Property

Site Alias: Former SHA Cordova  
Storage Yard  
Location: Lewistown Road,  
Cordova

BMI#: MD1192  
Cordova Elementary School  
Site Alias:  
Location: Church Street (Route  
309) and Skipton Cordova Road,  
Cordova

BMI#: MD0415  
Doc National Marine Fisheries  
Serv.  
Site Alias:  
Location: South Morris Street  
Ext, Oxford

BMI#: MD1885  
Former Black and Decker, Inc.  
Site Alias:  
Location: 28721 Glebe Road,  
Easton

BMI#: MD1249  
Former SHA Eastern Regional  
Lab  
Site Alias: SHA Eastern Regional  
Lab  
Location: 7857 Ocean Gateway,  
Route 50, Easton

BMI#: MD1759  
Glebe Park Drive  
Site Alias: Airport Industrial Park,  
Glebe Park Industrial Park  
Location: Glebe Park Drive at  
Airpark Drive, Easton

BMI#: MD1829  
Hubbard Cleaners  
Site Alias: Riverside Cleaners  
Location: 210 N Talbot Street, St.  
Michaels

BMI#: MD0597  
Louis Charlie/Merrimac Cleaners  
Site Alias:  
Location: 106 - 108 North  
Washington Street, Easton

BMI#: MD1717  
Mansfield Septic  
Site Alias: Wastewater Recycling,  
Inc.  
Location: 9786 Klondike Road,  
Easton

BMI#: MD1193  
Tidewater Tractor  
Site Alias:  
Location: Route 50, south of  
Route 404, Wye Mills

#### **Washington County**

BMI#: MD0633  
Anderson Co. Dry Cleaners  
Site Alias: Anderson Cleaners  
Location: 104 - 108 East  
Washington Street, Hagerstown

BMI#: MD0302

Central Chemical - Hagerstown  
(Site)  
Site Alias:  
Location: 705 Mitchell Avenue,  
Hagerstown

BMI#: MD1061  
CSX Roundhouse Property  
Site Alias:  
Location: 300 South Burhans  
Boulevard (Route 11),  
Hagerstown

BMI#: MD0056  
Fairchild Republic Co. Plant 11  
Site Alias: Main Plant Complex,  
Air Force Plant #11  
(C03MD0376); Fairchild  
Industries; Fairchild Republic  
Location: 18434 Showalter Road,  
Hagerstown

BMI#: MD1062  
Former Municipal Electric Light  
Plant  
Site Alias: Hagerstown MELP  
Location: Intersection of Mt.  
Aetna Road and South Eastern  
Boulevard, Hagerstown

BMI#: MD0482  
Fort Ritchie - U.S. Army  
Site Alias:  
Location: Fort Ritchie Road,  
Cascade

BMI#: MD0350  
Genuine Parts Co - Raylock DIV  
Site Alias:  
Location: 100 Raylock Drive,  
Hancock

BMI#: MD1021  
Greenbriar State Park  
Site Alias:  
Location: Old Boonsboro  
Mountain Road, Boonsboro

BMI#: MD1767  
GTS-Welco Property  
Site Alias:  
Location: 400 West Memorial  
Blvd, Hagerstown

BMI#: MD1094  
Hagers Shoe (Cannon Shoe  
Factory)  
Site Alias:  
Location: 148 West Franklin  
Street, Hagerstown

BMI#: MD0341  
Hagerstown - Broadfording Road  
Site Alias:  
Location: Cearfoss Road and  
Broadfording Road, Hagerstown

BMI#: MD0194  
Hagerstown American Light and  
Heat Co.  
Site Alias: MD-194; MD-247  
Location: Sycamore Street and  
Smith Street, Hagerstown

BMI#: MD0246

Hagerstown Light and Heat -  
Locust St.  
Site Alias:  
Location: South Locust Street,  
Hagerstown

BMI#: MD0247  
Hagerstown Light and Heat -  
Washington Street  
Site Alias: See MD-194  
(Hagerstown American Light &  
Heat)  
Location: West Washington  
Street, Hagerstown

BMI#: MD1689  
Hagerstown Plant Site  
Site Alias: Pangborn Corporation;  
Carorundum; Kennecott;  
Standard Oil of Ohio; Sullivan  
Associates  
Location: 580 Pangborn  
Boulevard, Hagerstown

BMI#: MD1836  
Peter Pan Cleaners  
Site Alias:  
Location: 31, 37, 68, East  
Baltimore Street, Hagerstown

BMI#: MD0637  
Pottorf's/Keefauver Cleaners  
Site Alias:  
Location: 1096 South Potomac  
Street, Hagerstown

BMI#: MD1088  
University of Maryland -  
Hagerstown Center  
Site Alias: Baldwin House  
Location: 35-46 West  
Washington Street & 25.5-27  
Franklin Street, Hagerstown

#### **Wicomico County**

BMI#: MD1476  
2214 West Zion Road

Site Alias:  
Location: 2214 West Zion Road,  
Salisbury

BMI#: MD0243  
Atlantic Wood Industries  
Site Alias:  
Location: 28114 Old Eden Road,  
Fruitland

BMI#: MD1229  
Barr International, Inc.  
Site Alias:  
Location: 2407 North Salisbury  
Boulevard (U.S. Route 13 North),  
Salisbury

BMI#: MD0275  
Dresser Industries  
Site Alias:  
Location: 124 College Avenue,  
Salisbury

BMI#: MD0601  
Elite/Freestate/Star Cleaners  
Site Alias: 3 South 1st Street  
Location: 3 South First Street,  
Delmar

BMI#: MD0044  
Koppers Co. - Salisbury  
Site Alias:  
Location: Quantico Road,  
Salisbury

BMI#: MD1108  
Lester Garage  
Site Alias:  
Location: 28441 Old Quantico  
Road, Salisbury

BMI#: MD0660  
Old Fruitland Dump  
Site Alias: Fruitland Dump  
Location: Slab Bridge Road,  
Fruitland

BMI#: MD1247

Plymouth Tube Company  
Site Alias:  
Location: 2000 Industrial  
Parkway, Salisbury

BMI#: MD0793  
Salisbury City Yard/North Prong  
Site Alias: City of Salisbury  
Department of Public Works;  
State Roads Commission; SHA  
Location: 400 2 West Isabella  
Street, Salisbury

BMI#: MD0163  
Salisbury Town Gas  
Site Alias:  
Location: 520 Commerce Street,  
Salisbury

BMI#: MD1756  
Soft Touch Property  
Site Alias:  
Location: 677 South Salisbury  
Boulevard, Salisbury

#### **Worcester County**

BMI#: MD0186  
Berlin Landfill  
Site Alias:  
Location: Flower Street and  
Seahawk Road, Berlin

BMI#: MD1137  
Byrd Park  
Site Alias:  
Location: River Street, Snow Hill

BMI#: MD0875  
Golden Pride  
Site Alias:  
Location: Northwest of Route 12  
and Stockton Road, Stockton

BMI#: MD1531  
Highlander Center Laundromat  
Site Alias: Hylander Laundry  
Property; 1321 Market Street

Location: Intersection of Market  
and 14th Streets, Pocomoke

BMI#: MD0598  
Hoffman/Venable Cleaners  
Site Alias:  
Location: 206 Williams Street,  
Berlin

BMI#: MD0801  
Judlee Avenue Lift Station  
Site Alias:  
Location: Judlee Avenue, Ocean  
City

BMI#: MD1602  
Morris Mill Trichloroethylene  
Contamination (TCE)  
Site Alias: Salisbury TCE Site  
Location: 350-acres bounded by  
Morris Mill Pond, South Division  
Street, Tony Tank Creek,  
Coulbourn Mill Road, Route 13  
and Morris Prong, Salisbury

BMI#: MD1055  
Tri-State Oil  
Site Alias:  
Location: 303-305 East Market  
Street, Snow Hill

BMI#: MD1869  
Victory Cleaners  
Site Alias:  
Location: 218 Cedar Street,  
Pocomoke City

BMI#: MD0525  
Whaley Farm  
Site Alias: C03MD1024  
Location: 10841 Hayes Landing  
Road, Berlin

**APPENDIX H**  
**Brownfield Master Inventory List – Archive**  
**Sites**

**ALLEGANY COUNTY**

BMI#: MD0458  
Aetna Lumber  
Site Alias:  
Location: Route 220 - 7 Miles  
South/Southwest of Cumberland,  
Cumberland

BMI#: MD1259  
Allegany Technology, Inc.  
Site Alias: SI Technologies, Vishay  
SI Technologies  
Location: 11400 Pittsburg Plate  
Glass Road (Mexico Farms  
Industrial Park)  
Glass Road (Mexico Farms  
Industrial Park), Cumberland

BMI#: MD0952  
Country Club Mall  
Site Alias:  
Location: 1262 Vocke Road,  
Lavale

BMI#: MD0195  
Cumberland Gas Light Company  
Site Alias:  
Location: 200-214 North Mechanic  
Street, Cumberland

BMI#: MD0915  
Former PPG - Works No. 7  
(Pittsburg Plate Glass)  
Site Alias: PPG Industries/Mexico  
Farms Industrial Park  
Location: 11601 Pittsburg Plate  
Glass Road, Cumberland

BMI#: MD0328  
Lavale Warehouse Fire  
Site Alias: Former Surplus City  
Facility: Boughman Surplus  
Location: 1210 National Highway,  
Lavale

BMI#: MD0122  
Midland Sunoco Station  
Site Alias:  
Location: 14823 Broadway  
Avenue, SW, Midland

BMI#: MD0339  
Precise Metals & Plastics, Inc.  
(Cumberland Division)  
Site Alias:  
Location: Day Road SE (in Mexico  
Farms Industrial Park),  
Cumberland

BMI#: MD0457  
Willison Oil Co.  
Site Alias:  
Location: Baltimore Pike, Route 2  
Box 101, Cresaptown

**ANNE ARUNDEL COUNTY**

BMI#: MD0756  
1919 West Street, Annapolis

Site Alias: Cleaning by Riley  
Location: 1919 West Street, 1923  
West Street, 1925 West Street, 9  
Lee Street, Dorsey Street,  
Annapolis

BMI#: MD1378  
203 Eastern Avenue, Parcel 785  
Site Alias:  
Location: 203 Eastern Avenue,  
Annapolis

BMI#: MD1481  
7246 Mockingbird Circle  
Site Alias:  
Location: 7246 Mockingbird Circle,  
Glen Burnie

BMI#: MD1891  
74 Mayo Road  
Site Alias: AJ Nealy Auto; Former  
American Transmission  
Location: 74 Mayo Road,  
Edgewater

BMI#: MD1482  
803 Swift Road  
Site Alias:  
Location: 803 Swift Road,  
Pasadena

BMI#: MD0452  
A.S. Pearmon  
Site Alias:  
Location: 1270 Hardy Road,  
Arnold

BMI#: MD1262  
Admiral Cleaners Exchange  
Property  
Site Alias:  
Location: 10 Taylor Avenue,  
Annapolis

BMI#: MD0353  
Alco-Gravure Inc.  
Site Alias: Quebecor Printing, Inc.;  
Maxwell Communication  
Location: 7364 Baltimore  
Annapolis Boulevard, Glen Burnie

BMI#: MD1298  
Alliant Techsystems,  
Inc./Windermere Group, LLC  
Site Alias:  
Location: 2000 Windermere Court,  
Annapolis

BMI#: MD0104  
Ametek Inc. - Special Filaments  
Div.  
Site Alias: Ketema Inc; Specialty  
Filaments; Part of IEI (VCP)  
Location: 8335 Telegraph Road,  
Odenton

BMI#: MD0141  
Annapolis Plant  
Site Alias: Annapolis Gas & Light  
Company

Location: Calvert Street and St.  
John Street, Annapolis

BMI#: MD0911  
Annapolis Town Center at  
Parole/Parole Shopping Center  
Site Alias: Includes PNC Bank  
Parcel  
Location: Riva Road and Forest  
Drive, Annapolis

BMI#: MD0035  
Anne Arundel County Landfill  
Site Alias: Glen Burnie  
Convenience Center  
Location: 100 Dover Road, Glen  
Burnie

BMI#: MD1135  
Arundel Plaza  
Site Alias: Sears, PoFolks  
Restaurant, Sears Automotive  
Location: 6650 Governor Ritchie  
Highway, Glen Burnie

BMI#: MD1171  
Baymeadow Property  
Site Alias: Martin Marietta; Gould  
Electronics  
Location: 6711 Baymeadow Road,  
Glen Burnie

BMI#: MD0938  
Belle Grove Property  
Site Alias:  
Location: 4800 Belle Grove Road,  
Baltimore

BMI#: MD1621  
Belle Grove Road Community  
(Regional GW Contamination)  
Site Alias:  
Location: Belle Grove Road &  
Thomas Avenue, Baltimore

BMI#: MD1392  
Bert Jabins Eastport Yacht Yard  
Site Alias:  
Location: 726 Second Street,  
Annapolis

BMI#: MD1730  
BMW of Annapolis & Mini of  
Annapolis  
Site Alias:  
Location: 25 Old Mill Bottom Road,  
Annapolis

BMI#: MD1618  
Brandon Woods II  
Site Alias:  
Location: 7629 Gambrills Cove  
Road, Curtis Bay

BMI#: MD0480  
Cherry Hill/Pittman Road/Waldorf  
Trailer/Cherry Pit Drum Site B  
(Pittman Location)  
Site Alias: A-1 Transfer;  
Magnetics, Inc.

Location: 701 Pittman Road,  
Baltimore

BMI#: MD1212  
Cleaning By Riley  
Site Alias: Annapolis Town Center  
at Parole - Annex Property  
Location: 2060-2072 Somerville  
Road, Annapolis

BMI#: MD0891  
Concorde Circle/Lot 6  
Development  
Site Alias: Concorde Circle Phase  
II Development; Airport Square  
Technology Park  
Location: Concorde Circle,  
Linthicum Heights

BMI#: MD1725  
Cromwell Fields Shopping Center  
Site Alias: Carousel Cleaners  
Location: 7389 Baltimore-  
Annapolis Boulevard (Intersection  
with Dorsey Road), Glen Burnie

BMI#: MD0204  
David Taylor/Annapolis - Control  
Site Alias: C03MD0236  
Location: 640A Broadneck Road,  
Annapolis

BMI#: MD0206  
Davidsonville - Control Nike W-25  
Site Alias: C03MD0235  
Location: 3789 Queen Anne  
Bridge Road, Davidsonville

BMI#: MD0205  
Davidsonville - Launch Nike W-25  
Site Alias: C03MD0235  
Location: 3737 Elmer F. Hagner  
Lane, Davidsonville

BMI#: MD0071  
Diamond Shamrock Corp. -  
Chemicals Division  
Site Alias: Erachem Comilog, Inc.  
Location: 711 Pittman Road; 610  
Pittman Road, Curtis Bay

BMI#: MD0408  
Drumco Drum Dump  
Site Alias:  
Location: 1500 Arundel Boulevard,  
Baltimore

BMI#: MD0429  
EPA Central Regional Laboratory  
Site Alias:  
Location: 839 Bestgate Road,  
Annapolis

BMI#: MD1332  
Falls Grove at Riva Trace  
Site Alias: Riva Trace Baptist  
Church  
Location: 2990 Riva Trace  
Parkway, Annapolis

BMI#: MD0768 Fila U.S.A., Inc. - Brandon Woods Business Park Site Alias: Location: 7630 Gambrills Cove Road, Baltimore	Location: 211/213 Eastern Avenue; 712/714 Second Street, Annapolis	Nabb's Creek Marina and Yacht Yard Site Alias: Nabb's Creek Dock Bar & Grill, White Rocks Yacht Club, Maurgale Marina Location: 864 Nabbs Creek Road, Glen Burnie	Location: 450-484 Governor Ritchie Highway, Severna Park
BMI#: MD0365 Fresh Pond Site Alias: Location: Forest Glen Drive, 0.25 miles north of Mountain Road, Pasadena	BMI#: MD1235 Kanasco Ltd. Site Alias: Location: 6110 Robinwood Road, Glen Burnie	BMI#: MD0072 Nevamar Corp. Site Alias: Location: 8339 Telegraph Road, Odenton	BMI#: MD1256 Sachs Property Site Alias: BWI Tech Park Phase II, 1417, 1430, 1440 and 1450 West Nursery Road Location: 802, 803, 805, 806 and 809 Pinnacle Drive, Linthicum
BMI#: MD0178 Green Valley Road Site Site Alias: Location: End Of Green Valley Road, Arnold	BMI#: MD0780 Legion Center Site Alias: Ag Chemical Equipment Company, Peck Printing Inc., Kakota Ryan Painting, Annapolis Detailing Location: 300-314 Legion Avenue, 1814 George Avenue, 1813 Margaret Avenue, Annapolis	BMI#: MD0421 Nova-Kote Inc. Site Alias: Location: 7615 Energy Parkway, Baltimore	BMI#: MD0934 Snow Hill Lane Site Phase I Site Alias: part of Cedar Hill, Area B (MD-966); VCP Site is a Portion of Larger SML MD-201 Site Location: Abutting Snow Hill Lane, Brooklyn
BMI#: MD1083 Hanover MD Site Alias: TruGreen Landcare Location: 7135 Standard Drive, Hanover	BMI#: MD0991 Lot 1, Floodplain A&B, 1177 Patuxent Road Site Alias: Auto Placement Center, G&H Partnership, 1179 Patuxent Rd Location: 1177 Patuxent Road, Odenton	BMI#: MD1682 Old Mill Plaza Site Alias: Location: 657-697 Old Mill Road, Millersville	BMI#: MD1396 Snow Hill Lane Site Phase II Site Alias: Part of Cedar Lane-Land Area B (MD-966) Location: East of Cedar Hill Lane and north of I-695, Brooklyn
BMI#: MD1213 Hardaway Company Site Alias: Location: 325 Lokus Road, Odenton	BMI#: MD1772 MAA Aviation Boulevard Property Site Alias: Location: 10 Amtrak Way, Linthicum Heights	BMI#: MD0981 P&K Cleaners Site Alias: Glendale Well; Auto Emporium; Auto Clinic Location: 7628 Baltimore Annapolis Boulevard, Glen Burnie	BMI#: MD1291 Southgate Marketplace Site Alias: Location: 337 Hospital Drive, Glen Burnie
BMI#: MD0724 Hi-Tech Color, Inc. Site Alias: Borden Print Ink; Borden Chemical Location: 1721 Midway Road, Odenton	BMI#: MD1404 Maryland City Plaza Shopping Center Site Alias: Location: 3401-3495 Fort Meade Road (Route 198), Laurel	BMI#: MD0810 Park Place Development Site Alias: Location: Northeast of intersection of Taylor Avenue and West Street, Annapolis	BMI#: MD1281 Southwest Annex of Former Parole Plaza Shopping Center Site Alias: Location: Riva Road, Annapolis
BMI#: MD0871 IEI Property Site Alias: Includes Ametek Inc. (MD-104) Property Location: 8335 Telegraph Road, Odenton	BMI#: MD1140 Matlack, Inc. Site Alias: 4801 Belle Grove Road, Former Matlack Baltimore Terminal Location: 4801 Belle Grove Road, Brooklyn Park	BMI#: MD0867 Patapsco Center 1 & 2 Site Alias: Patapsco Industrial Park Location: 805 & 809 Barkwood Court (PC 1); 801, 803 & 80A Barkwood Court (PC2), Linthicum	BMI#: MD1612 The Enclave on Spa Site Alias: Annapolis Radiator and Autobody Shop, Inc., Enterprise Rental Car, Annapolis City School Bus Depot, Maryland Recover Impound Di Location: 1023 Spa Road, Annapolis
BMI#: MD1221 J. F. Johnson Lumber Company Site Alias: Location: 1901 West Street, Annapolis	BMI#: MD0070 Mid-Atlantic Wood Preservers Site Alias: Gunther's Leasing Transport Location: P.O. Box 58; 7457 Shipley Avenue, Harmans	BMI#: MD1486 Poole Property Site Alias: Bacon Ridge Landfill Location: Bacon Ridge Road terminus, Crownsville	BMI#: MD1546 Turkey Point Site Alias: Multiple Residential Properties - Paca Drive Location: Paca Drive, Edgewater
BMI#: MD1359 Jessup State Surplus Site Alias: Maryland State Agency for Surplus Property Location: 8037 Brook Ridge Road, Jessup	BMI#: MD0081 Middletown Road Dump Site Site Alias: Location: Middletown Road, Annapolis	BMI#: MD1533 Praxair, Inc. Site Alias: Union Carbide Plant Location: 7350 Carbide Road, Baltimore	BMI#: MD0868 USG Interiors - Access Floor Division Facility Site Alias: FastPark2, Airport Fast Park Location: 786 Elkridge Landing Road, Linthicum
BMI#: MD0030 Joy Boehm Landfill Site Alias: Boehm Tire Dump Location: 1373 St. Stephens Church Road, Crownsville	BMI#: MD1138 Mt. Tabor Road Site Site Alias: Former Norfolk Farm; 2355 and 2359 Mt. Tabor Road Location: 2355 Mt. Tabor Road, Gambrills	BMI#: MD1429 Ridge Road Parcel Site Alias: Location: 7140 Ridge Road, Hanover	BMI#: MD0041 Vectra Corp. - Odenton Site Alias: Chevron Chemical Plant; Part of Formica (VCP) Location: 8305 Telegraph Road, Odenton
BMI#: MD0928 J-World Site Alias: Parcel 784	BMI#: MD1683	BMI#: MD1385 Robinson Crossing Shopping Center Site Alias:	BMI#: MD1775

Wayson's Corner  
Site Alias: Wayson's Motor Court  
(Parcel 106, Lot 2)  
Location: 1358 Marlboro Road,  
Lothian

BMI#: MD1379  
Yacht Enterprises Limited  
Partnership Properties  
Site Alias:  
Location: 210 Eastern Avenue;  
712 and 714 Second Street,  
Annapolis

#### BALTIMORE CITY

BMI#: MD0859  
10 East North Avenue Property  
Site Alias:  
Location: 10 East North Avenue,  
Baltimore

BMI#: MD0881  
1000 Key Highway  
Site Alias: Egan Marine  
Contractors; Patapsco River  
Canvas and Sails; Ryder Truck  
Rental and Leasing  
Location: 1000 Key Highway,  
Baltimore

BMI#: MD1726  
1001 North Chester Street  
Site Alias: Wilcox Ziegler Coal  
Storage Yard; Gross Coal Co.;  
Potomac Coal Storage Yard;  
Anderson Auto Sales; Wise Fuel  
Oil  
Location: 1001 North Chester  
Street, Baltimore

BMI#: MD0802  
101 West Dickman Street  
Site Alias: Baltimore City  
Department of Public Works  
Location: 101 West Dickman  
Street, Baltimore

BMI#: MD0862  
1100 Fleet Street  
Site Alias: The Kimball, Tyler &  
Co. Barrel Factory, Kirwin & Tyler  
Tin Can Factory, Eishenhauer  
MacLea Co.  
Location: 511 South Central  
Avenue, Baltimore

BMI#: MD1735  
1111 Light Street Parcel  
Site Alias:  
Location: 1105-1117 Light Street,  
1108-1110 William Street, 133-135  
East Cross Street, 124-126 Weber  
Street, Baltimore

BMI#: MD0837  
1134 Hull Street  
Site Alias:  
Location: 1134 Hull Street,  
Baltimore

BMI#: MD1309  
1200 North Charles Street  
Site Alias:  
Location: 1201-1229 North  
Charles Street, Baltimore

BMI#: MD1661  
1207 South Highland Street  
Site Alias: Brewer's Green, LLC;  
Eastern Plating Company  
Location: 1207 South Highland  
Street, Baltimore

BMI#: MD0812  
121 Kane Street  
Site Alias: KSP Facility; Hardware  
Fair, Airco School of Welding, Solfa  
Shoe, Frank's Pallets, Owens  
Brockway, Graham Packaging  
Location: 121 Kane Street,  
Baltimore

BMI#: MD1557  
1215 East Fort Avenue Property  
Site Alias: Phillips Foods,  
McHenry Row II  
Location: 1215 - 1265 East Fort  
Avenue, Baltimore

BMI#: MD1110  
1300 Race Street  
Site Alias:  
Location: 1300 Race Street,  
Baltimore

BMI#: MD1646  
1301 Edison Highway  
Site Alias:  
Location: 1301 Edison Highway,  
Baltimore

BMI#: MD1264  
1301 South Conkling Street  
Site Alias: White & Herman  
Furniture Company; United  
Decorative Flower Company  
Location: 1301 South Conkling  
Street, Baltimore

BMI#: MD1712  
1325 Eastern Avenue  
Site Alias:  
Location: 1325 Eastern Avenue,  
Baltimore

BMI#: MD1321  
1400 Eastern Avenue  
Site Alias:  
Location: 1400 Eastern Avenue,  
Baltimore

BMI#: MD1425  
1411 Warner Street  
Site Alias: Lot J  
Location: 1411 Warner Street,  
Baltimore

BMI#: MD0719  
1501 St. Paul Street Property

Site Alias:  
Location: 1501 Saint Paul Street,  
Baltimore

BMI#: MD1375  
1600 -1606 Bush Street  
Site Alias: Former Southern  
Galvanizing  
Location: 1600-1606 Bush Street,  
Baltimore

BMI#: MD1631  
1715 Thames Street  
Site Alias: Rec Pier  
Location: 1715 Thames Street  
Wharf, Baltimore

BMI#: MD1721  
1901 South Charles Street  
Site Alias: P. Kennedy Foundry  
Location: 1901 South Charles  
Street, Baltimore

BMI#: MD0147  
1st Plant  
Site Alias: MD-147  
Location: 220 Guilford Avenue,  
Baltimore

BMI#: MD0864  
2 East Wells Street  
Site Alias: Industrial Sales  
Company, McCall Handling;  
Allstate Floor and Construction Co.  
Location: 2 East Wells Street,  
1800 Patapsco Street and 1802  
Patapsco Street  
, Baltimore

BMI#: MD1782  
200 West McComas Street  
Site Alias:  
Location: 200 West McComas  
Street, Baltimore

BMI#: MD0770  
2100 Van Deman Street  
Site Alias: Red Star Yeast  
Location: 2100 Van Deman Street,  
Baltimore

BMI#: MD1888  
2101 Russell Street  
Site Alias: Ringer Property;  
Texaco Service Station; Schreiber  
Truck Parts Co.  
Location: 2101 Russell Street,  
Baltimore

BMI#: MD0972  
2110 Haines Street  
Site Alias:  
Location: 2110 Haines Street,  
Baltimore

BMI#: MD1641  
2220 Langley Street  
Site Alias:  
Location: 2200 Langley Street,  
Baltimore

BMI#: MD0887  
2600 North Howard Street  
Site Alias: James and Lynn's Tire  
Service; Quality Auto Repair;  
Johns Tire Service, Furniture  
Warehouse, Elite Laundry & Dry  
Cleaning Co.;  
Location: 2600 North Howard  
Street, Baltimore

BMI#: MD0148  
2nd Plant  
Site Alias: Holliday Plant, Holliday  
Street Works, MD-148  
Location: Saratoga Street and  
Holliday Street, Baltimore

BMI#: MD1084  
3201 St. Paul Street  
Site Alias:  
Location: 3201 St. Paul Street and  
99 East 33rd Street, Baltimore

BMI#: MD1276  
3300-3305 Childs Street and Lot 1  
Site Alias: Allwaste Service, Inc.  
Location: 3300-3305 Childs Street,  
Baltimore

BMI#: MD0745  
3310 Childs Street  
Site Alias: Alliance Material  
Handling  
Location: 3310 Childs Street,  
Baltimore

BMI#: MD1577  
34-40 East Randall Street  
Site Alias: Leatherite Cleaners,  
Swift Cleaners  
Location: 34-40 East Randall  
Street, Baltimore

BMI#: MD1327  
3508-3520 Fairfield Road  
Site Alias: Part of Essex Industrial  
Chemical/Mid-States Oil Refining  
Location: 3508-3520 Fairfield  
Road, Baltimore

BMI#: MD1054  
3515 Dolfield Avenue  
Site Alias: Baltimore Auto Supply  
Company  
Location: 3515 Dolfield Avenue,  
Baltimore

BMI#: MD1293  
3545 Fairfield Road  
Site Alias: Tosco Site  
Location: 3545 Fairfield Road,  
Baltimore

BMI#: MD1366  
3601-3607 O'Donnell Street  
Site Alias: Gunther Brewery;  
Brewers Hill Parcel 3  
Location: 3601-3607 O'Donnell  
Street, Baltimore

BMI#: MD1405  
3800 E Biddle Street  
Site Alias: Former Continental Can Company; Former Cars Site  
Location: 3800 E Biddle Street, Baltimore

BMI#: MD1616  
4214 Mortimer Avenue Property  
Site Alias: Baltimore Gas & Electric; BGE  
Location: 4214 Mortimer Avenue, Baltimore

BMI#: MD1435  
440 East Oliver Street  
Site Alias: Lord Baltimore Press; 1500 Greenmount Ave  
Location: 440 East Oliver Street, Baltimore

BMI#: MD1257  
4500 and 4504 Harford Road Property  
Site Alias: Jesse C. King, Mini Mart  
Location: 4500 and 4504 Harford Road, Baltimore

BMI#: MD1660  
4501 Curtis Avenue  
Site Alias:  
Location: 4501 Curtis Avenue, 1701 Benhill Avenue, Baltimore

BMI#: MD0160  
4th Gas House  
Site Alias: Canton Station (MD-159)  
Location: Fait Street and Lakewood Avenue (formerly Lancaster Street and Patapsco Street), Baltimore

BMI#: MD1433  
600 S. Broadway and 1640 Fleet Street  
Site Alias:  
Location: 600 South Broadway and 1640 Fleet Street, Baltimore

BMI#: MD1432  
608 South Regester Street  
Site Alias: Marketplace Properties  
Location: 608 South Regester Street, Baltimore

BMI#: MD1414  
701 South Eden Street  
Site Alias:  
Location: 701 South Eden Street, Baltimore

BMI#: MD1421  
715 South Haven Street  
Site Alias: C. Hoffberger Co Ice Plant; Case Mason Filling Co; A&L Packaging, Westwood Chemical

Location: 715 South Haven Street, Baltimore

BMI#: MD0993  
719-723, 725 & 733 Fort Avenue  
Site Alias: T and M Painting, Patterns Unlimited  
Location: 719-723, 725 & 733 Fort Avenue, Baltimore

BMI#: MD1394  
801 South Caroline Street  
Site Alias: Includes 803 S. Caroline Street  
Location: 801- 857 South Caroline Street, Baltimore

BMI#: MD1093  
921/925 Fort Avenue  
Site Alias: Former Maryland White Lead Works  
Location: 921 and 925 Fort Avenue, Baltimore

BMI#: MD1409  
Ackerman and Baynes, Inc. Property  
Site Alias: 4211-4215 Erdman Avenue  
Location: 4215 Erdman Avenue, Baltimore

BMI#: MD1117  
American Brewery - Brewhouse Parcel  
Site Alias: John F. Wiessner & Sons Brewing Co, Brewery Parcel  
Location: 1701 North Gay Street, Baltimore

BMI#: MD0352  
American Can Company  
Site Alias: American National Can Company  
Location: 2400 Boston Street, Baltimore

BMI#: MD0152  
American Chemmate  
Site Alias: Chemical Services  
Location: 1113-1131 S. Howard Street, Baltimore

BMI#: MD0089  
American Shot and Lead Co.  
Site Alias:  
Location: Fayette Street and Front Street, Baltimore

BMI#: MD1363  
Amoco Baltimore Asphalt Terminal  
Site Alias: Part of Amoco Oil Co. (SML); Includes Biochem  
Location: 3901 Asiatic Avenue, Baltimore

BMI#: MD0105  
Amoco Oil Company  
Site Alias: Amoco Baltimore Asphalt Terminal

Location: 3901 Asiatic Avenue, Baltimore

BMI#: MD1260  
Ansam Metals, Inc.  
Site Alias:  
Location: 1026 East Patapsco Avenue, Baltimore

BMI#: MD0106  
Armco Baltimore Works  
Site Alias: Partially overlaps Former Republic Steet (VCP)  
Location: 3501 East Biddle Street, Baltimore

BMI#: MD1172  
Baltimore Camden Yards  
Site Alias: U.S. Can, Alltrista, Ball Corporation  
Location: 901 West Ostend Street, Baltimore

BMI#: MD0052  
Baltimore Housing Authority  
Site Alias:  
Location: 222 East Saratoga Street, Baltimore

BMI#: MD0257  
Baltimore Iron and Metal  
Site Alias:  
Location: 3800 Newgate Road, Pier 12, Baltimore

BMI#: MD0012  
Baltimore Smelting  
Site Alias: H. Landsman & Sons  
Location: 227 South Central Avenue, Baltimore

BMI#: MD0051  
Baltimore Steel Drum Corp.  
Site Alias:  
Location: 910 South Kresson Street, Baltimore

BMI#: MD0292  
Biochem  
Site Alias: Amoco Oil (MD-105); Amoco Balt. Asphalt (VCP)  
Location: 3901 Asiatic Avenue, Baltimore

BMI#: MD0293  
Biochem Management Inc.  
Site Alias: Former Multichem Corp; Delaware Hospital Service  
Location: 1917 Benhill Avenue, Baltimore

BMI#: MD1027  
Birtic Property  
Site Alias: Better Buildings Warehouse  
Location: 107 West Heath Street, Baltimore

BMI#: MD1451  
Bolton Yards

Site Alias:  
Location: 80 West Oliver Street and 1201 West Mount Royal Avenue, Baltimore

BMI#: MD0273  
Bruning Paint Co.  
Site Alias: Part of South Haven Properties (VCP)  
Location: 601 South Haven Street, Baltimore

BMI#: MD0613  
Buck's Auto Dump  
Site Alias:  
Location: 2900 Waterview Avenue, Baltimore

BMI#: MD1175  
Camden Crossing (Barre Station, Koppers Site)  
Site Alias: Barre Station, Koppers (MD-431), Parkin Street  
Location: Bounded by Scott Street, McHenry Street And Poppleton Street, Baltimore

BMI#: MD0841  
Canton Crossing Retail  
Site Alias: Part of Exxon Co. USA (MD-091); Standard Oil Refinery  
Location: 3501/3801 Boston Street, Baltimore

BMI#: MD0840  
Canton East - Lot 18  
Site Alias: 1212 East Apartments; Kane Bags and Tarps; Harbor Tool and Die Company; MG Manufacturing  
Location: 1202 South East Avenue, Baltimore

BMI#: MD0159  
Canton Station  
Site Alias: Canton Station Gas Plant; 4th Gas Plant (MD-160)  
Location: Fait Street and Lakewood Street, Baltimore

BMI#: MD0253  
Capital Assay Labs  
Site Alias:  
Location: 2901 Whittington Avenue, Baltimore

BMI#: MD0961  
Charles Village West  
Site Alias:  
Location: 3204-3222 St. Paul Street, 3 East 33rd Street, 3203 Lovegrove Street, Baltimore

BMI#: MD1774  
Chase Housing Property  
Site Alias:  
Location: 1027 Cathedral Street, Baltimore

BMI#: MD1060

Chesapeake Paperboard Parcel 2 Site Alias: McHenry Row I Location: 1215 East Fort Avenue, Baltimore	Site Alias: Part of 3800 E Biddle Street VCP Location: 3701 Duncanwood Lane, Baltimore	BMI#: MD0379 East Federal Street Site Site Alias: Location: East of 3520 East Federal Street, Baltimore	Site Alias: 1809 Bayard Street; Former Athey Paint Company Location: 1809 Bayard Street, Baltimore
BMI#: MD1269 Chevron U.S.A., Inc., Excess East Yard Property Site Alias: Part of Chevron Texaco Baltimore (MD-143) Location: 1955 Chesapeake Avenue, Baltimore	BMI#: MD0113 Crown Central Petroleum Site Alias: Location: 1622/1632 South Clinton Street, Baltimore	BMI#: MD1862 Essex High School Soil Sampling Site Alias: Gorsuch Avenue Study Area Location: Behind Eastern High School (1101 East 33rd St), Baltimore	BMI#: MD0411 Fort Holabird Crime Records Center Site Alias: Location: Corner of Oakland Avenue and Detroit Avenue, Baltimore
BMI#: MD0954 Circular Advertising (FETCHO) Site Alias: Location: 1500 South Monroe Street, Baltimore	BMI#: MD1202 Crown Simplimatic, Inc. Facility Site Alias: Location: 1200 South Newkirk Street or 4623 O'Donnell Street, Baltimore	BMI#: MD0538 Essex Industrial Chemicals, Inc. Site Alias: Part of 3508-3520 Fairfield Road (VCP) Location: 3520 Fairfield Road, Baltimore	BMI#: MD0855 Four Seasons/Legg Mason Tower Site Alias: Legg Mason Office Tower and Garage, Legg Mason Tower Retail, Four Seasons Residential, Four Seasons Hotel, Four Seasons Retail Location: Block 1800 [100, 200, 300 International Drive; 700, 716 President Street; 701 Aliceanna Street], Baltimore
BMI#: MD0916 Clipper Industrial Park Site Alias: 3500 Clipper Road Location: 3500 Clipper Road, 2000-2015 Clipper Drive and 3501 Parkdale, Baltimore	BMI#: MD1498 CSX Property (Fort Armistead Road) Site Alias: Ward 25 Sec. 9 Bk 7006 Lot 10 Location: Between Fort Armistead Road and I-695, Baltimore	BMI#: MD0114 Estech General Chemical Co. Site Alias: Location: 5500 Chemical Road, Baltimore	BMI#: MD1043 Frankford Gardens Shopping Center Site Alias: Location: Frankford Avenue and Sinclair Lane, Baltimore
BMI#: MD0110 Conoco Inc Baltimore Terminal Site Alias: Location: 3410 Fairfield Road, Baltimore	BMI#: MD1325 CSX Riverside Yard (Locust Point Terminal) Site Alias: Includes VCP Site Riverside Shop (MD1796) Location: North of East McComas, Baltimore	BMI#: MD0091 Exxon Co. USA Site Alias: Location: 3801 Boston Street, Baltimore	BMI#: MD1754 Frederick Elementary School Site Alias: Location: 2501 Frederick Avenue, Baltimore
BMI#: MD0263 Conrail Orangeville Yard Site Alias: Location: 6000 East Lombard Street/4400 Fayette Street, Baltimore	BMI#: MD1685 Dillon Street Property Site Alias: Location: 3900 Dillon Street, Baltimore	BMI#: MD0244 F. Bowie Smith & Son, Inc Site Alias: Location: 4500 East Lombard Street, Baltimore	BMI#: MD0319 G & M Terminal Site Alias: Location: 3500-3800 Asiatic Avenue, Baltimore
BMI#: MD1280 Constellation Property - Parcel 1 Site Alias: Location: 850 South Bond Street, Baltimore	BMI#: MD1736 Domain Brewers Hill Phase II/The National Apartments Site Alias: Part of 3601-3607 O'Donnell Street and 3701 O'Donnell Street VCP properties; Gunther Brewery Lot 6A Location: 3607 O'Donnell Street, Baltimore	BMI#: MD1164 Fleet Eden Garage Sites Site Alias: Includes Dynasurf (MD-153) Location: 1401/1415, 1417/1419, 1421 Eastern Avenue; 1424, 1426, 1432 Fleet Street; 509 South Eden Street, Baltimore	BMI#: MD0866 Gateway South and Warner Street Properties Site Alias: Includes Gateway South Phase I and Warners Street Properties VCP Sites. Maryland Chemical Co.; Chemstation Mid- Atlantic Location: 1501, 1525, 1551 Russell Street; 1501, 1601, 1629, 1633, 1645 Warner Street, 2119 Haines Street; 2104 Worcester Street and 2102, Baltimore
BMI#: MD1122 Constellation Property - Parcel A Site Alias: Location: 901 South Bond Street, Baltimore	BMI#: MD0153 Dynasurf Chemical Corp. Site Alias: Part of Fleet Eden Garage Sites (VCP) Location: 1411 Fleet Street, Baltimore	BMI#: MD0844 Former Chesapeake Paperboard Company Site Alias: McHenry Row I Location: 1001 East Fort Avenue, Baltimore	BMI#: MD1449 Gateway South, Phase I Site Alias: Maryland Chemical Co., Chemstation Mid-Atlantic; Gateway South and Warner St Location: 1501, 1525 and 1551 Russell Street, Baltimore
BMI#: MD1448 Constellation Property - Parcel D Site Alias: Location: 870-872 South Dallas Street, 900-915 South Caroline, 1500-1530 Thames Street, Baltimore	BMI#: MD1398 E. J. Codd Company Site Alias: Location: 700 & 704 South Caroline Street, Baltimore	BMI#: MD1446 Former Coliseum Building Site Alias: Location: 2201 North Monroe Street, Baltimore	BMI#: MD1320 General Motors Site-Area A Site Alias: Anchor Freight Motors; Chesapeake Commerce Center
BMI#: MD1113 Constellation Property - Parcels B and C Site Alias: Location: 1401/1403 and 1409 Thames Street, Baltimore	BMI#: MD1104 E. Stewart Mitchell Facility Site Alias: Mitchell E.S. Co., Mitchell Asphalt Location: 1400 Ceddox Street and 1500 Benhill Avenue, Baltimore	BMI#: MD1205 Former Esskay Plant Site Alias: Location: 3800 East Baltimore Street, Baltimore	
BMI#: MD0354 Continental Can Co. - USA Plant #16		BMI#: MD1169 Former Waterford Caseworks	

Location: West of Broening Highway and North of Holabird Avenue, Baltimore

BMI#: MD1215  
General Motors Site-Area B  
Site Alias: Anchor Motor Freight:  
General Motors Truck and Bus  
Location: South of Holabird Avenue and west of Broening Highway, Baltimore

BMI#: MD0729  
General Motors Site-Area D  
Site Alias: Fort Holabird  
Location: East of Broening Highway and north of Keith Avenue, Baltimore

BMI#: MD0766  
GP66 Building  
Site Alias: Camp Holabird; Fort Holabird  
Location: 1901 Portal Street, Baltimore

BMI#: MD1085  
GPA Industrial LLC  
Site Alias: Navistar International;  
1901-2015 Washington Boulevard  
Location: 1903 Washington Boulevard, Baltimore

BMI#: MD1566  
Greenmount Avenue Property  
Site Alias: 1400-1412 Greenmount Avenue  
Location: 1400-1428 Greenmount Avenue, Baltimore

BMI#: MD1686  
Grundy Street Property  
Site Alias: C&P Telephone Company  
Location: 910 Grundy Street, Baltimore

BMI#: MD0753  
Gunther Brewery - Parcel 10 -  
"Former Railroad Right-of-Way" -  
Northeast Portion  
Site Alias:  
Location: Southern border of Toone Street to intersection of O'Donnell Street and South Haven Street, Baltimore

BMI#: MD1739  
Gunther Brewery - Parcel 10 -  
"Former Railroad Right-of-Way" -  
Southwest Portion  
Site Alias:  
Location: Extends from 1300 block of South Conkling Street to the southern border of Toone Street, Baltimore

BMI#: MD1286  
Gunther Brewery - Parcel 4 - "Hops Building"

Site Alias:  
Location: 1200 South Conkling Street, Baltimore

BMI#: MD0720  
Gunther Brewery - Parcel 5 - "Ale, Pilsner and Stout Building"  
Site Alias:  
Location: 1211 South Conkling Street, Baltimore

BMI#: MD0721  
Gunther Brewery - Parcel 6  
Site Alias: Gunther Brewery Parcel 4; Easton Street  
Location: 3701 O'Donnell Street, Baltimore

BMI#: MD1289  
Gunther Brewery - Parcel 7 -  
"Toone Street"  
Site Alias: Toone Street  
Location: Toone Street, Baltimore

BMI#: MD1290  
Gunther Brewery - Parcel 9 -  
"Triangular Parcel/Parking Lot"  
Site Alias:  
Location: East of 1300 South Conkling Street, Baltimore

BMI#: MD1510  
Gwynns Falls/Middle Branch Arsenic Study  
Site Alias: Middle Branch Study  
Location: Middle Branch of the Patapsco River, Baltimore

BMI#: MD0783  
H.F. Miller & Son Building  
Site Alias: American Can Co.,  
Sumwalt Ice Co.; Miller Court  
Location: 2601 North Howard Street and 2643 Mace Street, Baltimore

BMI#: MD1121  
Harbor Point - Areas 2 and 3  
Site Alias: Former Allied Signal  
Location: Block Street, South Caroline Street, Philpot Street and Dock Street, Baltimore

BMI#: MD0233  
Highlandtown Gas  
Site Alias: BGE Highlandtown Substation  
Location: 3913 Pulaski Highway, Baltimore

BMI#: MD1511  
Hollinswood Shopping Center (Former Betty Brite)  
Site Alias: Betty Brite  
Location: 2157 West Patapsco Avenue, Baltimore

BMI#: MD1214  
Inland Leidy, Inc.

Site Alias: Windsor Terminal;  
Inland Oil Company (IOC, Inc.)  
Location: 2225 Evergreen Street, Baltimore

BMI#: MD0283  
J.W. Boorman Company, Inc  
Site Alias: Boorman, J.W.  
Company Inc.  
Location: 1421 Ridgely Street, Baltimore

BMI#: MD0929  
Kelco Property  
Site Alias:  
Location: 4020 East Baltimore Street, Baltimore

BMI#: MD0340  
Key Highway Shipyard  
Site Alias:  
Location: 1101 Key Highway, Baltimore

BMI#: MD1203  
Kirk-Steiff Silver Building  
Site Alias:  
Location: 800 Wyman Park Drive, Baltimore

BMI#: MD1468  
Kopper Co Inc - Metal Products Division  
Site Alias: Part of Camden Crossing (VCP)  
Location: 200 Scott St, Baltimore

BMI#: MD0021  
Koppers Co. Baltimore Treating Plant Landfill  
Site Alias:  
Location: 3100 Childs Street, Baltimore

BMI#: MD1415  
Lenmar, Inc.  
Site Alias: Lenmar Lacquers  
Location: 150 South Calverton Road, Baltimore

BMI#: MD1663  
Lion Brothers Building  
Site Alias: Globe Building; Globe Screen Printing  
Location: 873-875, 877-889 Hollins Street; 890, 892, 895 Boyd Street; 886 West Lombard Street, Baltimore

BMI#: MD0258  
Locomotive Junkyard  
Site Alias:  
Location: Near 6000 Chemical Road, Baltimore

BMI#: MD0784  
Lombard Street Property  
Site Alias: Cambrex Bioscience  
Location: 5901 East Lombard Street, Baltimore

BMI#: MD0897  
Lot 42, Hollander Ridge Business Park  
Site Alias: Hollander Ridge  
Location: 2001 62nd Street, Baltimore

BMI#: MD0118  
M&T Chemicals Inc. - Atotech  
Site Alias: Atotech USA, Inc.  
Location: 1900 Chesapeake Avenue, Baltimore

BMI#: MD1731  
Major Packaging Property  
Site Alias:  
Location: 3700-3800 4th Avenue, Baltimore

BMI#: MD1078  
Malt Mill Building  
Site Alias: Brewers Hill East (Brownfields Site)  
Location: 3701 Dillon Street, Baltimore

BMI#: MD1431  
Marketplace East  
Site Alias:  
Location: 607-627 South Broadway, 614-616 South Regester Street, Baltimore

BMI#: MD1430  
Marketplace West  
Site Alias:  
Location: 604-622 South Broadway, 1621-1631 Fleet Street, 611-623 South Bethel Street, 1630 Aliceanna Street, Baltimore

BMI#: MD1412  
Marlen Trading Company  
Site Alias:  
Location: 4101 Curtis Ave, Baltimore

BMI#: MD0095  
Martin Marietta Corp.  
Site Alias:  
Location: 1130 East 30th Street, Baltimore

BMI#: MD1644  
Maryland Stadiums Site  
Site Alias: Camden Industrial Park; Camden Yards Area  
Location: Camden Industrial Park; Camden Yards Area, Baltimore

BMI#: MD1684  
Metro Cleaners  
Site Alias:  
Location: 2728 Loch Raven Boulevard, Baltimore

BMI#: MD1039  
Montgomery Park Business Center

Site Alias: Former Montgomery Ward Catalog Building Complex; 1900 Washington Blvd.; 1800 Washington Blvd  
Location: 1000 South Monroe Street, Baltimore

BMI#: MD0471  
Morgan State University Site  
Site Alias:  
Location: 4101 Hillen Road, Baltimore

BMI#: MD0823  
Mr. Nifty Cleaners  
Site Alias:  
Location: 3223 Greenmount Avenue, Baltimore

BMI#: MD0119  
MRI Corporation  
Site Alias: M&T Chemicals, Inc. - MRI; 1900 Chesapeake Avenue  
Location: 3233 Vera Street, Baltimore

BMI#: MD0930  
National Bohemian Brewery  
Site Alias:  
Location: 3601 Dillon Street, Baltimore

BMI#: MD0096  
NL Industries Inc. Baltimore Metal Plant  
Site Alias:  
Location: 214 West Henrietta Street, Baltimore

BMI#: MD0098  
NL Industries Inc. White Lead Plt  
Site Alias:  
Location: 204 Spears Wharf, Baltimore

BMI#: MD0097  
NL Industries Merchants Shot Works  
Site Alias: Phoenix Shot Tower  
Location: 701 E Fayette Street, Baltimore

BMI#: MD1450  
Northwest Health and Rehabilitation Center  
Site Alias: Nursing Home or Convalescent Center; Millenium Health  
Location: 4601 Pall Mall Road, Baltimore

BMI#: MD1771  
Oldham Crossing  
Site Alias:  
Location: 4600 Gough St, 120 South Oldham St, 160 South Oldham St., Baltimore

BMI#: MD1198  
Overflo Warehouse Facility

Site Alias: Key Way Transport Inc, National Brewing Company  
Location: 3901 Dillon Street, Baltimore

BMI#: MD0488  
Parker Metals Decorating Inc.  
Site Alias: Parker Metals Site  
Location: 1301 South Howard Street, Baltimore

BMI#: MD1326  
Patapsco Industrial Center  
Site Alias: Former Harbison Walker Refractories  
Location: 1200 East Patapsco Avenue, Baltimore

BMI#: MD1423  
Penn Square  
Site Alias:  
Location: 2632-2678 Pennsylvania Avenue; 1611-1617 Clifton Avenue; 2655-2661, 2631-2649 & 2650-2656 Bruce Street, Baltimore

BMI#: MD0895  
Penn Square II Property  
Site Alias: Includes the eastern portion of the Penn Square property (VCP)  
Location: 2614 - 2626 Pennsylvania Avneue, eastern portion of 2632 Pennsylvania Avenue, Baltimore

BMI#: MD0249  
Plating Site  
Site Alias:  
Location: 1009 West Baltimore Street, Baltimore

BMI#: MD1305  
Point Breeze Business Center (C1,C2,C4)  
Site Alias:  
Location: 2400, 2500, 2501, 2510 Broening Highway (Parcel C, Lot 1,2,4), Baltimore

BMI#: MD1033  
Point Breeze Business Center (C3)  
Site Alias:  
Location: 2330 Broening Highway (Parcel C, Lot 3), Baltimore

BMI#: MD1201  
Point Breeze Business Center (D1,D5)  
Site Alias:  
Location: 2200 Broening Highway (Parcel D, Lots 1 And 5), Baltimore

BMI#: MD1209  
Point Breeze Business Center (D1A)  
Site Alias:  
Location: 2200 Broening Highway (Parcel D, Lot 1A), Baltimore

BMI#: MD1200  
Point Breeze Business Center (D2)  
Site Alias:  
Location: 2300 Broening Highway (Parcel D, Lot 2), Baltimore

BMI#: MD1210  
Point Breeze Business Center (D3)  
Site Alias:  
Location: 2310 Broening Highway (Parcel D, Lot 3), Baltimore

BMI#: MD0422  
Port Liberty Industrial Center  
Site Alias: Port Liberty Industrial Park  
Location: 1900 Frankfurst Avenue, Baltimore

BMI#: MD0880  
Potts and Callahan Quarry  
Site Alias: Redland Genstar, Inc., Gwynns Falls Ready Mix, Flintkote Company, Harry T. Campbell & Sons  
Location: 2902 West Baltimore Street, Baltimore

BMI#: MD1036  
Proctor & Gamble Soap Manufacturing  
Site Alias: Tide Point  
Location: 1422 Nicholson Street, Baltimore

BMI#: MD1142  
Pulaski Incinerator Facility  
Site Alias:  
Location: 6709 Pulaski Highway, Baltimore

BMI#: MD1507  
Raisin Monumental Company  
Site Alias:  
Location: 2000 Chesapeake Avenue, Baltimore

BMI#: MD1220  
Rhone-Poulenc  
Site Alias: Alcolac, Inc.; Rhodia, Inc.; Solvay USA, Inc.  
Location: 3440 Fairfield Road, Baltimore

BMI#: MD1368  
Riverside Wharf  
Site Alias: Main Steel (First VCP Application and BF Assessment); 1301 Boyle Street  
Location: 1420 Key Highway, Baltimore

BMI#: MD0343  
Safety-Kleen Corporation  
Site Alias: Safety Kleen Systems, Inc.  
Location: 1448 Desoto Road, Baltimore

BMI#: MD0245

Severn Street Station  
Site Alias: Includes Valspar Baltimore Plant (VCP)  
Location: 1400 Block Severn Street; 1700 Bayard Street, Baltimore

BMI#: MD1615  
SHA Storage Lot  
Site Alias:  
Location: 3510 Hawkins Point Road, Baltimore

BMI#: MD0279  
Sherwin Williams  
Site Alias:  
Location: 2325 Hollins Ferry Road, Baltimore

BMI#: MD1639  
Sinclair and Valentine, L.P.  
Site Alias: Flint Ink Corporation  
Location: 3520 East Federal Street, Baltimore

BMI#: MD0755  
South Haven Properties  
Site Alias: Includes Bruning Paint Co. (MD-273)  
Location: 601 South Haven Street, Baltimore

BMI#: MD0378  
Southgate Industrial Park  
Site Alias:  
Location: 2147 Wicomico Street, Baltimore

BMI#: MD0751  
Southside Marketplace  
Site Alias:  
Location: 857 East Fort Avenue, Baltimore

BMI#: MD1134  
SSI Realty Corporation  
Site Alias: 1201 South Paca Street  
Location: 710 West Ostend Street, 730 West West Street, 801-819 West West Street, Baltimore

BMI#: MD1283  
Station North Townhomes  
Site Alias:  
Location: 117 East Lafayette Avenue, Baltimore

BMI#: MD1704  
Stony Run Lot Childcare Site  
Site Alias: JHU Childcare  
Location: 200 Wyman Park Drive, Baltimore

BMI#: MD0312  
Striegel Supply  
Site Alias:  
Location: 6001 Chemical Road, Baltimore

BMI#: MD1195

Support Terminal Services, Inc.  
Site Alias: Port Liberty Industrial  
Park  
Location: 1800 Frankfurst Avenue,  
Baltimore

BMI#: MD1542  
Swann Park  
Site Alias:  
Location: McComas Street and  
Race Street, Baltimore

BMI#: MD1402  
Swann's Wharf  
Site Alias:  
Location: 951 Fell Street,  
Baltimore

BMI#: MD0390  
Tank Barge #626  
Site Alias:  
Location: Pier 1 Clinton Street,  
Baltimore

BMI#: MD0964  
The Greens at Irvington Mews  
Site Alias: Frederick Avenue  
Property (4200-4400 Frederick  
Ave) was previous property name  
and address under old application.  
Location: 4300 Frederick Avenue,  
Baltimore

BMI#: MD1411  
Tidewater Yacht Service Center  
Site Alias:  
Location: 1020-1022 Key Highway  
East, Baltimore

BMI#: MD0990  
TravelCenters of America Former  
Mobil Station  
Site Alias: Baltimore Travel Plaza,  
TCA No. 216, 5400 O'Donnell  
Street Cutoff  
Location: 5625 O'Donnell Street,  
Baltimore

BMI#: MD1651  
Tune Up City  
Site Alias: 703 Whitelock Street;  
705 Whitelock Street  
Location: 701 Whitelock Street,  
Baltimore

BMI#: MD0806  
Union Mill  
Site Alias: Life-Like Products, Inc.;  
Lifoam Manufacturing Co.  
Location: 1500 Union Avenue,  
Baltimore

BMI#: MD0832  
Union Wharf  
Site Alias: The Arundel  
Corporation; Taylor Supply; 915  
South Wolfe Street  
Location: 901 South Wolfe Street,  
Baltimore

BMI#: MD0760  
United Iron & Metal, LLC  
Site Alias:  
Location: 2545 Wilkens Avenue,  
Baltimore

BMI#: MD0722  
Vail Street  
Site Alias:  
Location: 5425 O'Donnell Street,  
Baltimore

BMI#: MD1166  
Valspar Baltimore Plant  
Site Alias: Severn Street Station  
MGP; Chesapeake Iron Works  
Location: 1401 Severn Street,  
Baltimore

BMI#: MD0809  
Warner Street Properties  
Site Alias: Part of Gateway South  
and Warner Street; Baltimore  
Cedar Company, JB McNeal Paint,  
Oil and Varnish Works, Gordon  
Carton, C.D. P  
Location: 1501, 1601, 1629, 1633  
and 1645 Warner Street, 2119  
Haines Street, Baltimore

BMI#: MD0015  
WR Grace & Co. - Davidson Chem  
Div.  
Site Alias:  
Location: 5500 Chemical Road,  
Curtis Bay

#### **BALTIMORE COUNTY**

BMI#: MD1859  
10100 Reisterstown Road  
Site Alias: Former Solo Cup  
Facility, Foundry Row Property  
Location: 10100 Reisterstown  
Road, Owings Mills

BMI#: MD1586  
11 West Aylesbury Road Property  
Site Alias: Adjacent to 1941  
Greenspring Drive  
Location: 11 West Aylesbury  
Road, Timonium

BMI#: MD0988  
1121 Berrymans Lane  
Site Alias: Former Smoot's Garage  
(Canby Site)  
Location: 1121 Berrymans Lane,  
Reisterstown

BMI#: MD1447  
1400 Taylor Avenue  
Site Alias: Bendix, ETG  
Location: 1400 Taylor Avenue,  
Baltimore

BMI#: MD1607  
2331 Cleanleigh Drive  
Site Alias:

Location: 2331 Cleanleigh Drive,  
Baltimore

BMI#: MD1878  
2905 Virginia Avenue  
Site Alias: Snyder's Pond  
Property, Storm Drain Odor  
Complaint  
Location: 2905 Virginia Avenue,  
Baltimore

BMI#: MD1866  
3807 Annapolis Road  
Site Alias: Krauss Residence  
Location: 3807 Annapolis Road,  
Baltimore

BMI#: MD1376  
40 West Auto Park Inc.  
Site Alias: Friendly Lincoln  
Mercury; Monarch Lincoln Mercury  
Location: 5525 Baltimore National  
Pike, Baltimore

BMI#: MD1794  
5 West Aylesbury Road Property  
Site Alias: Social Security  
Administration; USF Filtration, Pall  
Corporation; Memtec; Filterite; SKF  
Inc.  
Location: 5 West Aylesbury Road,  
Timonium

BMI#: MD1706  
602 South Rolling Road  
Site Alias:  
Location: 602 South Rolling Road,  
Catonsville

BMI#: MD0174  
68th Street Dump/Complex  
Site Alias: Colgate Pay  
Dump/Industrial Enterprises/Robb  
Tyler Chesaco Dump  
Location: 68th Street, Rosedale

BMI#: MD0874  
7020 Quad Avenue Site  
Site Alias:  
Location: 7020 Quad Avenue,  
Baltimore

BMI#: MD1860  
8604 Loch Raven Boulevard  
Site Alias:  
Location: 8604 Loch Raven  
Boulevard, Ridgeleigh

BMI#: MD0744  
8655 Pulaski Highway  
Site Alias: 8655 Pulaski Joint  
Venture, LLC  
Location: 8655 Pulaski Highway,  
Baltimore

BMI#: MD1708  
9 Melissa Court  
Site Alias:  
Location: 9 Melissa Court, Owings  
Mills

BMI#: MD1052  
Air Force Plant #50  
Site Alias: C03MD0377  
Location: 1919 Halethorpe  
Avenue, Halethorpe

BMI#: MD1674  
Andy Nelson's BBQ  
Site Alias: Dewilton W Haslup Jr  
Irrevocable Trust, Dewilston W  
Haslup, Jr.; DW Haslup, Jr.  
Location: 11003-11009 York  
Road, Cockeysville

BMI#: MD1208  
Arcade Towson/ Radio Park  
Site Alias:  
Location: 1220 East Joppa Road,  
Towson

BMI#: MD1617  
Avalon Hunt Valley  
Site Alias: Hunt Valley Towne  
Centre, Hunt Valley Mall, Macy's,  
Wal-Mart, MVP Lanes  
Location: 100 Shawan Road, Hunt  
Valley

BMI#: MD0448  
Back River  
Site Alias:  
Location: Off Beachwood Ave at  
Porter Point, Essex

BMI#: MD0069  
Baltimore Galvanizing Company  
Inc.  
Site Alias:  
Location: 7110 Quad Avenue,  
Rosedale

BMI#: MD1162  
Baltimore Goodwill Industries  
Site Alias:  
Location: 4001 Southwestern  
Boulevard, Baltimore

BMI#: MD0175  
Batavia Landfill  
Site Alias:  
Location: 619 Batavia Farm Road,  
Baltimore

BMI#: MD0388  
Beachwood Estates  
Site Alias: Merritt Farms  
Waterfront; Beachwood  
Development  
Location: East of Morse Lane and  
West of Todd Point Lane,  
Edgemere

BMI#: MD1230  
Bell Atlantic/Hunt Valley Business  
Park  
Site Alias: C&P Telephone  
Company Facility - GLC #25780;  
Bell Atlantic Maintenance Building

Location: 11119 McCormick Road, Cockeysville	BMI#: MD1714 Church Lane Shopping Center Site Alias: Location: 9946 York Road, Cockeysville	Gould Inc. Ind - Battery Div. Site Alias: Location: 1933 Greenspring Drive, Timonium	(even) Liberty Plaza Mall, Randallstown
BMI#: MD1489 Bengie's Road Site Alias: Lewis Davis Dump Location: Off Bengies Road, Middle River	BMI#: MD0315 Circuit City Site Alias: Balcon Site Location: 6211 Rossville Boulevard, Rossville	BMI#: MD0213 Greenspring - Launch BA92 Site Alias: Nike Site Towson Launch (MD-412 / C03MD0246) Location: Ridge Road, Greenspring	BMI#: MD1521 Lynch Cove Run Site Alias: Location: 1799 Merritt Boulevard, Dundalk
BMI#: MD0046 BIO Quest Site Alias: Location: Schilling Circle, Cockeysville	BMI#: MD1623 Country Ridge Shopping Center Site Alias: Location: 1550 Country Ridge Lane, Essex	BMI#: MD0951 Har Sinai Property Site Alias: Location: 2905 Walnut Avenue, Greenspring	BMI#: MD0389 Maryvale Preparatory School Site Alias: Location: 11300 Falls Road, Brooklandville
BMI#: MD1323 Blenheim Road Wells Site Alias: Location: Blenheim Road, Jacksonville	BMI#: MD0380 Cutronics Site Alias: Location: 1925 and 1941 Greenspring Drive, Timonium	BMI#: MD1130 Highlands Corporate Office Park Site Alias: Location: Ridgebrook Road and York Road, Sparks	BMI#: MD1199 Meadows Park Shopping Center Site Alias: Location: 6606-6658 Security Boulevard, Baltimore
BMI#: MD0187 Buck Steel Drum Site Alias: Location: 8234 Rosebank Avenue, Dundalk	BMI#: MD1335 Daniels Property Site Alias: Location: 3504 Washington Boulevard, Halethorpe	BMI#: MD0983 Ingleside Cleaners (Off-Site Plume) Site Alias: Location: Adjacent to 808 Ingleside Drive, Catonsville	BMI#: MD0277 Metals & Residues Processing - Marble Court Site Alias: Location: 10107 Marble Court, Cockeysville
BMI#: MD1126 Catonsville Plaza Site Alias: Brite America Cleaners/Catonsville Plaza Cleaners Location: 5301-5447 Baltimore National Pike, Baltimore	BMI#: MD0933 Eastport Industrial Center Site Alias: Location: 7001 Quad Avenue, Rosedale	BMI#: MD0280 J&L Industries Site Site Alias: Location: 6923 Ebenezer Road, Chase	BMI#: MD0276 Metals & Residues Processing - Milford Mill Site Alias: Location: 4400 Milford Mill Road, Baltimore
BMI#: MD1265 Chadwick Cleaners Site Alias: Location: 7137 Security Boulevard, Baltimore	BMI#: MD1098 Farboil Paint Company Site Alias: Location: 8200 Fischer Road, Baltimore	BMI#: MD0962 Karl Property Site Alias: Location: North Point Road (350 feet north of Lodge Farm Road), Dundalk	BMI#: MD1218 Mount Wilson Facility Site Alias: Thomas Wilson Center Location: Mount Wilson Lane, Pikesville
BMI#: MD1824 Chartley Park Shopping Center Site Alias: Location: 2-152 Chartley Park Drive and 525 Main Street, Reisterstown	BMI#: MD1416 Former Auto Repair Facility Site Alias: Location: 3500 Baltimore Washington Boulevard, Lansdowne	BMI#: MD0845 Keywell Property Site Alias: Location: 7600 Rolling Mill Road, Baltimore	BMI#: MD1523 MPA MESTEK Property Site Alias: Location: 10 Maryland Avenue, Dundalk
BMI#: MD1591 Chesaco Avenue OCP Site Alias: Location: 1207, 1209, 1209H, 1211, 1213, 1215 Chesaco Avenue, Baltimore	BMI#: MD0155 Former Bausch & Lomb Diecraft Plant Site Alias: Location: 14600 York Road, Sparks	BMI#: MD0285 Koppers Co. - Glen Arm Site Alias: United Container Machinery Group Location: 5200 Glen Arm Road, Glen Arm	BMI#: MD0444 M-V Santa Clara I Site Alias: Location: Baltimore Harbor, Baltimore
BMI#: MD0747 Chesapeake Park Plaza - Block B Site Alias: Glenn L Martin Facility - Plant 1, Lockheed Martin Location: 2323 Eastern Boulevard, Middle River	BMI#: MD1317 Former Kings Cleaners Site Alias: Former AMF Joppa Lanes Location: 1616 - 1628 East Joppa Road, Towson	BMI#: MD0309 Leo J. Mccourt Dump Site Alias: Location: 4360 North Point Boulevard, Baltimore	BMI#: MD0463 National Circuits - Pikesville Site Alias: Location: 4 Sherwood Drive, Baltimore
BMI#: MD0746 Chesapeake Park Plaza - Blocks A & A2 Site Alias: Glenn L Martin Facility - Plant 1, Lockheed Martin Location: 2323 Eastern Boulevard, Middle River	BMI#: MD0264 Four Corners (Jacksonville) Site Alias: Location: Intersection of Jarrettsville Pike, Sweet Air Road and Paper Mill Road, Jacksonville	BMI#: MD1442 Liberty Plaza Shopping Center Site Alias: Liberty Plaza; 8700 & 8710 Liberty Road, 3615 Brenbrook Drive Location: 8730 Liberty Road NS, 8701-8725 (odd) and 8624-8632	BMI#: MD1470 National Circuits Inc - Pikesville Property Site Alias: Location: Park Circle, Towson
	BMI#: MD0116		BMI#: MD0464 National Circuits, Inc. - Timonium Site Alias: Location: 108 and 110 West Timonium Road, Timonium

BMI#: MD1345  
Northview Shopping Center  
Site Alias:  
Location: 9634 Bel Air Road, Perry Hall

BMI#: MD0238  
O.H. Williamson  
Site Alias:  
Location: Williamson Lane, 0.1 miles north of Cockeysville, Cockeysville

BMI#: MD1701  
Pikesville Retail  
Site Alias: Walgreens Pikesville; Old Court Shopping Center  
Location: 1510 Reisterstown Road, Pikesville

BMI#: MD0908  
Pikesville Shopping Center  
Site Alias: Pikesville One Hour Cleaners  
Location: 1400 Reisterstown Road, Pikesville

BMI#: MD0534  
Pulaski Motors Site  
Site Alias: MD-534  
Location: 10001 Pulaski Highway, Middle River

BMI#: MD1457  
Quad Avenue Parcels 17, 19, and 218  
Site Alias:  
Location: East of 6800 Quad Avenue, Rosedale

BMI#: MD1131  
Reading/White Hall Paper Board Co.  
Site Alias: Federal Paperboard Company  
Location: Wiseburg Road and Big Falls Road, White Hall

BMI#: MD1370  
Redland Genstar- White Marsh  
Site Alias: White Marsh Plant, White Marsh West Plant  
Location: 10300 Pulaski Highway, White Marsh

BMI#: MD0331  
Reister's Property  
Site Alias: Reisterstown Village Tract  
Location: 34-36 Main Street; Junction of MD Route 30 and MD Route 40, Reisterstown

BMI#: MD1711  
Reisterstown Shopping Center  
Site Alias:  
Location: 11989 Reisterstown Road, Reisterstown

BMI#: MD0166  
Relay Mud Slide  
Site Alias:  
Location: Woodland Drive and Viaduct Avenue, Relay

BMI#: MD1177  
Ridgely Plaza Shopping Center  
Site Alias:  
Location: 1752-1776 York Road, Lutherville

BMI#: MD0383  
Robert E. Lee Park/Lake Roland Bridge  
Site Alias:  
Location: Railroad Marker 377+00 To Marker 440+00, Baltimore

BMI#: MD1248  
Roberts Property  
Site Alias: Robert's Trash  
Location: 3617 East Joppa Road, Parkville

BMI#: MD1874  
Rosedale Shopping Center  
Site Alias:  
Location: 8414 Philadelphia Road, Rosedale

BMI#: MD1790  
Royal Cleaners  
Site Alias:  
Location: 7500 Windsor Mill Road, Baltimore

BMI#: MD0349  
Safety Kleen Corp - Catonsville  
Site Alias:  
Location: 1012 1/2 Leslie Avenue, Catonsville

BMI#: MD0188  
Security Boulevard Site  
Site Alias:  
Location: 1718 Belmont Avenue, Baltimore

BMI#: MD1665  
Security Station  
Site Alias: Diamond Cleaners  
Location: 1700 North Rolling Road, Woodlawn

BMI#: MD1535  
SHA Brooklandville Central Laboratory  
Site Alias: 10615 Falls Rd  
Location: 2323 W. Joppa Road, Lutherville

BMI#: MD1536  
SHA Brooklandville Satelite Storage Yard  
Site Alias: Salt Barn  
Location: 10615 Falls Road, Lutherville

BMI#: MD1643

SHA Halethorpe Pipe Yard  
Site Alias: SHA Pipe Yard Salt Barn, SHA District 4 Pipe Yard Facility  
Location: 5000 Washington Boulevard, Halethorpe

BMI#: MD1222  
Signode Eastern Operations/HS Processing Inc.  
Site Alias: Heidtman Steel Products Inc.  
Location: 4505 North Point Boulevard/2121 Grays Road, Baltimore

BMI#: MD0562  
Simkins Industries  
Site Alias: Simkins Dump  
Location: 201 River Road, Catonsville

BMI#: MD0080  
Smuck Dump  
Site Alias:  
Location: 4500 Transway Road, Lansdowne

BMI#: MD1538  
Southern Maryland Oil  
Site Alias:  
Location: ,

BMI#: MD1539  
Spring Grove Hospital  
Site Alias:  
Location: Wade Avenue, Catonsville

BMI#: MD0288  
Sun Chemical Corp. - GPI Division  
Site Alias:  
Location: 42 Gwynns Mill Court, Owings Mills

BMI#: MD1207  
Texas Maintenance Yard  
Site Alias:  
Location: 9901 York Road, Cockeysville

BMI#: MD1000  
The Lakes at Stansbury Shores  
Site Alias: Johns Hopkins Property; Schaefer Industries Site  
Location: 8315 Stansbury Road, Baltimore

BMI#: MD1219  
Thomas Manufacturing Corporation  
Site Alias:  
Location: 500 Dairy Road, Parkton

BMI#: MD0289  
Thompson Steel Company Inc  
Site Alias:  
Location: 4515 North Point Boulevard, Baltimore

BMI#: MD0820

Towson City Center  
Site Alias: The Investment Building; One Investment Place  
Location: 1 Investment Place, Towson

BMI#: MD0900  
Towson Row  
Site Alias: Seitz Property; Swartz Property  
Location: 10, 21, 28 Susquehanna Avenue, 305 York Road, 13, 15, 21-23-25, 27-31, 47-49 Chesapeake Avenue, 301 Washington Avenue, West Su, Towson

BMI#: MD0132  
Vulcan Materials Metals Div.  
Site Alias: AMG Resources Corporation  
Location: 2415 Grays Road, Sparrows Point

BMI#: MD1009  
Walgreen Store Location #07574  
Site Alias: Ingleside Cleaners, Westview Lounge  
Location: Southeast corner of Ingleside Avenue and U.S. Route 40 (Baltimore National Pike), Catonsville

BMI#: MD1630  
Ward Machinery Company  
Site Alias: Ward Machinery; The Ward Machinery Company  
Location: 10615 Beaver Dam Road, Cockeysville

BMI#: MD1125  
Westview Mall  
Site Alias: Former Lord Baltimore Cleaners  
Location: I-695 and Route 40, Catonsville

BMI#: MD1010  
Wilkins Beltway Plaza  
Site Alias:  
Location: 4600 Wilkens Avenue, Baltimore

BMI#: MD1710  
Woodmoor Shopping Center - Baltimore  
Site Alias: 7015-7041 Woodmoor Shopping Center  
Location: 7017 Liberty Road, Baltimore

BMI#: MD1364  
Yorkridge Shopping Center  
Site Alias:  
Location: 30 West Ridgely Road, Lutherville

BMI#: MD1374  
Yorktowne Plaza  
Site Alias:

Location: 100 Block Cranbrook Road, Cockeysville

#### **CALVERT COUNTY**

BMI#: MD1074  
Chesapeake Ranch Estates  
Site Alias: Rousby Hall Road;  
Lower Compound Adjacent to Rio Grande Trail  
Location: Rousby Hall Road and Rio Grande Trail, Lusby

#### **CAROLINE COUNTY**

BMI#: MD0423  
Dave's Reloading and Gun Repair  
Site Alias:  
Location: 325 Fleetwood Road, Denton

BMI#: MD0924  
Former Famous Dry Cleaners  
Site Alias:  
Location: 114B South Main Street, Federalsburg

BMI#: MD1299  
Former Federalsburg Substation  
Site Alias:  
Location: 616 Academy Avenue, Route 307, Federalsburg

BMI#: MD0779  
General Mills Operations, Inc.  
Site Alias: Former Pillsbury Company  
Location: 300 Reliance Avenue, Federalsburg

BMI#: MD1006  
Old Town Barn  
Site Alias:  
Location: 107 East Central Avenue, Federalsburg

BMI#: MD0438  
Old West Denton Dump  
Site Alias:  
Location: Off River Road, Denton

BMI#: MD0416  
Skipjack Enterprises, Inc.  
Site Alias: Skipjack Chemicals  
Location: Route 16, south of Route 404, Denton

#### **CARROLL COUNTY**

BMI#: MD1559  
1201 Poole Road  
Site Alias:  
Location: 1201 Poole Road, Westminster

BMI#: MD1075  
1263 Emerald Ridge Drive  
Site Alias:  
Location: 1263 Emerald Ridge Drive, Westminster

BMI#: MD0345  
3M National Advertising - Westminster  
Site Alias:  
Location: 1030 Baltimore Boulevard, Westminster

BMI#: MD1295  
7520 Main Street  
Site Alias: Also 7522 Main St.  
Location: 7520 Main Street, Sykesville

BMI#: MD0920  
Admiral Cleaners  
Site Alias:  
Location: 3000 Gamber Road, Finksburg

BMI#: MD0467  
Bachman Valley Landfill - Location II  
Site Alias:  
Location: 1920 Bachmans Valley Road, Manchester

BMI#: MD1485  
Bachman Valley Tire Dump  
Site Alias: Bare/Manchester Tire Dump  
Location: 1920 Bachmans Valley road, Manchester

BMI#: MD1176  
Carrolltown Center  
Site Alias: Carrolltown Mall  
Location: 6400 Ridge Road, Eldersburg

BMI#: MD0142  
Catalyst Research  
Site Alias: Hoff Property  
Location: 1125 Poole Road, Westminster

BMI#: MD0190  
Cranberry Run Substation  
Site Alias:  
Location: Old Manchester Road and B&O Railroad, Westminster

BMI#: MD1077  
Joseph A. Banks Clothiers  
Site Alias:  
Location: 500 Hanover Pike, Hampstead

BMI#: MD0322  
Kate Wagner Landfill  
Site Alias:  
Location: 1205 Old Westminster Road (site entrance), Westminster

BMI#: MD0371  
Lang's Junkyard  
Site Alias:  
Location: Hanover Pike, Hampstead

BMI#: MD0437  
Lehigh Portland Cement  
Site Alias:  
Location: 117 South Main Street (Route 75), Union Bridge

BMI#: MD0320  
North Carroll Shopping Plaza  
Site Alias:  
Location: Route 30 and Brodbeck Road, Hampstead

BMI#: MD0167  
Powmatic  
Site Alias:  
Location: 2906 Baltimore Boulevard (MD Route 140); Industrial Park Drive, Finksburg

BMI#: MD0478  
Ray's Auto Parts E.R.  
Site Alias:  
Location: 7571 Middleburg Road, Detour

BMI#: MD1245  
River Downs Property  
Site Alias: Francis Scott Key Golf Club; former River Downs Golf Club  
Location: 1900 River Downs Drive, Finksburg

BMI#: MD0392  
Small Lab Site  
Site Alias:  
Location: 7606 Patapsco Road, Sykesville

BMI#: MD0357  
W. Dorsey Property  
Site Alias:  
Location: 804 East Ridgeville Blvd, Mt. Airy

BMI#: MD0146  
Westminster Plant  
Site Alias:  
Location: 7-R West George Street, Westminster

BMI#: MD0799  
Westminster Shopping Center  
Site Alias:  
Location: Route 140 and Englar Road, Westminster

BMI#: MD0307  
Wolf Hill  
Site Alias:  
Location: 4214-4311 Wolf Hill Road, Hampstead

#### **CECIL COUNTY**

BMI#: MD1709  
601 E. Pulaski Highway  
Site Alias:  
Location: 601 E. Pulaski Highway, Elkton

BMI#: MD1480  
614 Otsego Street (buried drum)  
Site Alias:  
Location: 614 Otsego Street, Perryville

BMI#: MD0156  
Back Creek Rear Range Structure - USCG  
Site Alias: USCG Back Creek Rear Range Structure  
Location: 25 feet square position at Welch Point, Chesapeake City

BMI#: MD0385  
Big Elk Chapel Road Landfill  
Site Alias:  
Location: Big Elk Chapel Road, Andora

BMI#: MD0027  
Cecil City Landfill/Cecil County Landfill  
Site Alias: Old Elk Neck Landfill  
Location: East Of Old Elk Neck Road, Elkton

BMI#: MD1495  
Cecil Industrial Park  
Site Alias: Triumph industrial Park/Trinco Industrial Park  
Location: 801 Blue Ball Road, Elkton

BMI#: MD0325  
Central Chemical - Elkton  
Site Alias:  
Location: Trinco Industrial Park; Zeitler Lane off Triumph Industrial Park, Elkton

BMI#: MD1662  
Colora Road Wells  
Site Alias:  
Location: 680 Colora Road, Colora

BMI#: MD0314  
Crouse Bros. Excavating Inc.  
Site Alias:  
Location: 415 West Pulaski Highway; Route 40 & Route 279, Elkton

BMI#: MD0196  
Elkton Gas Light Co.  
Site Alias:  
Location: South Street and Howard Street (formerly Water Street), Elkton

BMI#: MD0531  
Elkton Sparkler Company  
Site Alias: MD-531  
Location: 22 Sparkler Lane, North East

BMI#: MD1463  
Firestone Perryville Plant

Site Alias: Ikea Industrial Park (VCP)  
Location: Firestone Road, Perryville

BMI#: MD1268  
Former PECO Elkton Service Building  
Site Alias: Peco Energy Company  
Location: Intersection of Bridge Street and High Street, Elkton

BMI#: MD1508  
Former Ranger Station  
Site Alias:  
Location: 127 West Main Street, Elkton

BMI#: MD1261  
Herron Area 4  
Site Alias: Herron Unit 4  
Location: Herron Farm, portions north and south of Zeitler Road, west of Blue Ball Rd, Elkton

BMI#: MD0440  
Hog Hill Landfill  
Site Alias:  
Location: 758 East Old Philadelphia Road (Route 7), Elkton

BMI#: MD1360  
Ikea Industrial Park (f/k/a Woodlands-Coudon, Inc. Site)  
Site Alias: Woodlands-Coudon, Inc. Site  
Location: Route 7 And Woodlands Farm Lane, Perryville

BMI#: MD0439  
Ikea Industrial Park aka Occidental Chemical Corporation  
Site Alias: Firestone - Perryville Plant; Occidental Chemical  
Location: Firestone Road and Route 7, Perryville

BMI#: MD1513  
Intercounty Bus Lines  
Site Alias:  
Location: 513 S. Adams St., Havre de Grace

BMI#: MD1144  
Ionics, Incorporated  
Site Alias:  
Location: 801 Elkton Boulevard, Elkton

BMI#: MD0254  
Iron Hill Road Drum Site  
Site Alias:  
Location: 117 Iron Hill Road, Elkton

BMI#: MD0726  
Jim's Car Care  
Site Alias:

Location: 119 Railroad Avenue, Elkton

BMI#: MD0259  
Louisa Lane Dump Site  
Site Alias:  
Location: Off Louisa Lane, one mile north of Old Philadelphia Road, Charlestown

BMI#: MD0189  
Malmo Farms  
Site Alias:  
Location: 1445 Cayots Corner Road, Chesapeake City

BMI#: MD0074  
Old Elkton Dump  
Site Alias:  
Location: Jones Chapel Road, 2 miles west of Elkton, Elkton

BMI#: MD1332  
Port Deposit Coal Gas Plant  
Site Alias: Gas House  
Location: 88 S. Main Street, Port Deposit

BMI#: MD0455  
Principio Road  
Site Alias:  
Location: 551 Principio Road, Craigtown

BMI#: MD0369  
Reeves Site  
Site Alias:  
Location: 360/400 Marley Road, Elkton

BMI#: MD0472  
RMR/JMR Corporation  
Site Alias:  
Location: 655 North Bridge Street, Elkton

BMI#: MD0099  
Stauffer Chemical  
Site Alias: GE Railcar Repair Services (MD0294)  
Location: 505 Blue Ball Road, Elkton

BMI#: MD0451  
Stemmers Run  
Site Alias: Stemmers Run Landfill  
Location: Stemmers Run Road; south of Pearce Creek Bridge, Earleville

BMI#: MD1547  
Verizon  
Site Alias:  
Location: ,

BMI#: MD0402  
Whittaker Trojan Yacht Company  
Site Alias:  
Location: 2440 Oldfield Point Road, Elkton

BMI#: MD0337  
WL Gore - Cherry Hill  
Site Alias:  
Location: 2401 Singerly Road, Elkton

#### CHARLES COUNTY

BMI#: MD1297  
Bardon, Inc. Waldorf Facility  
Site Alias:  
Location: 12250 Acton Lane, Waldorf

BMI#: MD1302  
Bryans Road Shopping Center  
Site Alias:  
Location: 3041-3145 Marshall Hall Road, Bryans Road

BMI#: MD1886  
Former Exxon #21028  
Site Alias:  
Location: 3110 Leonardtown Road, Waldorf

BMI#: MD0317  
Hughesville Tire Site  
Site Alias:  
Location: Gallant Green Road and Mason Crossing Road, Hughesville

BMI#: MD0394  
Mattawoman Creek  
Site Alias: Dead Trees in a Pond  
Location: North of Route 225 and Route 224; 0.6 miles past corner of Glym, Pisgah

BMI#: MD0957  
Smallwood Village Shopping Center  
Site Alias:  
Location: 100-238 Smallwood Village Center, Waldorf

BMI#: MD0216  
U.S. Naval Research Laboratory - NIKE Base (Control Site)  
Site Alias: NRL Waldorf Annex NIKE Battery (Control Area); Waldorf NIKE Site/W-45/Site 2  
Location: 2675 Laurel Branch Drive, Waldorf

BMI#: MD0215  
U.S. Naval Research Laboratory - NIKE Base (Launch Site)  
Site Alias: NRL Waldorf Annex (Launch Area); NIKE Site W-45/Site 1  
Location: Bensville Road, Waldorf

#### DORCHESTER COUNTY

BMI#: MD1791  
10 Washington Street  
Site Alias:

Location: 10 Washington Street, Cambridge

BMI#: MD0299  
Beulah Landfill  
Site Alias:  
Location: Route 16, 0.5 mile southeast of Beulah, Beulah

BMI#: MD0026  
Cambridge City Disposal Plant WWTP  
Site Alias:  
Location: 1010 Roselyn Avenue, Cambridge

BMI#: MD0025  
Cambridge Site  
Site Alias: Cambridge Arundel Corporation; Part of Deep Harbour (VCP)  
Location: 311 Trenton Street, Cambridge

BMI#: MD0165  
Cambridge Town Gas  
Site Alias:  
Location: 402-404 Cherry Street, Cambridge

BMI#: MD0342  
Continental Can Co. - USA Plant 24

Site Alias:  
Location: 1 Railroad Avenue, Hurlock

BMI#: MD1294  
Deep Harbour  
Site Alias: Arundel Corporation, Kerr-McGee; Cambridge Site  
Location: West side of Cedar Street, Cambridge

BMI#: MD0242  
Eastern MD Wood Treating  
Site Alias: Eastern Maryland Wood Treating  
Location: 5127 Clarks Canning House Road, Federalsburg

BMI#: MD1034  
Eastern Shore Hospital Center  
Site Alias:  
Location: U.S. Route 50, Cambridge

BMI#: MD1883  
Phillips Cannery  
Site Alias: Cambridge Furniture Company, Canning Factory F  
Location: 407 and 411A Dorchester Avenue, Cambridge

BMI#: MD1452  
Sensata Technologies Maryland, LLC (Airpax)  
Site Alias: North American Phillips Corporation (NAPC); Phillips Technologies Airpax Protector

Group; Airpax Power Production  
Prod Plant #1  
Location: 807 Woods Road,  
Cambridge

BMI#: MD1543  
Taylor & Casson Property  
Site Alias:  
Location: Washington Street,  
Cambridge

BMI#: MD0290  
Western Publishing Co.  
Site Alias:  
Location: 806 Woods Road,  
Cambridge

#### FREDERICK COUNTY

BMI#: MD1478  
4014 Sigler Circle  
Site Alias:  
Location: 4014 Sigler Circle,  
Jefferson

BMI#: MD0384  
Abramson Property  
Site Alias:  
Location: 9925 Pine Tree Road,  
Woodsboro

BMI#: MD0573  
Apples Church Furniture Repair  
Site Alias:  
Location: 212 Apples Church  
Road, Thurmont

BMI#: MD1250  
Applied Electro Mechanics  
Site Alias:  
Location: 4016 Rock Hall Road,  
Point Of Rocks

BMI#: MD1343  
Butterfly Lane  
Site Alias:  
Location: 5731B & 5735 Butterfly  
Lane, Frederick

BMI#: MD1494  
Catoctin Power (Eastalco Works  
Property)  
Site Alias: Park of Eastalco  
Aluminum Co  
Location: 5601 Manor Woods  
Road, Frederick

BMI#: MD1234  
Dr. Perry Road Site  
Site Alias: Former St. Angelo's  
Facility; Octavian Square Complex  
Location: 9607 Doctor Perry Road,  
Ijamsville

BMI#: MD1356  
Frederick Board of Education  
Site Alias: Frederick Electronics  
Location: 7630 Hayward Road,  
Frederick

BMI#: MD1328  
Frederick County Public School's  
Central Office  
Site Alias: Parcel G, Lot 1 (The  
Bean Factory); Part of Frederick  
Parcel G (BF); Formerly 101A East  
South Street  
Location: 191 South East Street,  
Frederick

BMI#: MD1438  
Frederick Revitalization I  
Site Alias: Site G; Rogers Homes  
Location: 101A East South Street,  
Frederick

BMI#: MD0735  
Frederick Shopping Center  
Site Alias:  
Location: 1305 West Seventh  
Street, Frederick

BMI#: MD0356  
Frederick Tool and Die Co Inc  
Site Alias:  
Location: 579 East Church Street,  
Frederick

BMI#: MD1520  
Lions Merryland Park  
Site Alias:  
Location: 3673 Petersville Road,  
Rosemont

BMI#: MD0980  
Nu-Look Cleaners (Top Cleaners)  
Site Alias:  
Location: 225 North Church Street,  
Thurmont

BMI#: MD1271  
Plantronics, Inc  
Site Alias: Former Frederick  
Electronics Facility  
Location: Intersection of Hayward  
Road and Thomas Johnson Drive,  
Frederick

BMI#: MD1334  
Rotorex Property, Parcel 325  
Site Alias: Fedders Corporation  
Location: 8301-B Retreat Road,  
Walkersville

BMI#: MD1115  
Schroyer's Recycling Center  
Site Alias:  
Location: 8005 Reichs Ford Road,  
Frederick

BMI#: MD1341  
Standard Joist/Canam Steel Corp.  
Site Alias:  
Location: 1040 Clay Street, Point  
of Rocks

BMI#: MD1569  
Town Center Plaza  
Site Alias:

Location: 805-815 East Main  
Street, Middletown

BMI#: MD0250  
Trans Tech/Adamstown Site  
Site Alias:  
Location: 5520 Adamstown Road,  
Adamstown

BMI#: MD1875  
Walkersville Public Supply Well  
Site Alias:  
Location: 77 West Frederick  
Street, Walkersville

BMI#: MD1383  
Waverly View  
Site Alias:  
Location: 1831 Shookstown Road,  
Frederick

#### GARRETT COUNTY

BMI#: MD0347  
Bausch & Lomb - Oakland Plant  
Site Alias:  
Location: Route 135 and Bausch &  
Lomb Drive, Oakland

BMI#: MD0441  
Umbell Property  
Site Alias:  
Location: State Highway 42; 7  
miles north of Exit 4 on I-68,  
Friendsville

BMI#: MD0239  
Wood Products  
Site Alias:  
Location: 8th Street Extended,  
Oakland

#### HARFORD COUNTY

BMI#: MD1211  
1401 Trimble Road  
Site Alias:  
Location: 1401 Trimble Road,  
Edgewood

BMI#: MD0077  
Bata Shoe - Main Plant and Landfill  
Site Alias:  
Location: 4501 Pulaski Highway,  
Belcamp

BMI#: MD0296  
Bata Shoe (Latex Lagoons)  
Site Alias: Association to Belcamp  
Elementary School  
Location: 4501 Pulaski Highway,  
Belcamp

BMI#: MD1580  
Beards Hill Plaza Shopping Center  
Site Alias: Tartan Cleaners  
Location: 939 Beards Hill Road,  
Aberdeen

BMI#: MD1194

Bel Air Town Center  
Site Alias: McGill Development  
Limited Partnership #3  
Location: 502-592 Baltimore Pike,  
Belair

BMI#: MD0120  
Communis McCorquodale Inc.  
Site Alias: McCorquodale Color  
Card  
Location: 2737 Whiteford Road,  
Whiteford

BMI#: MD1595  
Cytec Industries Inc. - North Lot  
Site Alias: Cytec Aerospace  
Materials, Inc. / Cytec Engineered  
Materials, Inc / American  
Cyanamid / Bloomingdale Rubber  
Company  
Location: 1300 Revolution Street,  
Havre de Grace

BMI#: MD1596  
Cytec Industries Inc. - South Lot  
Site Alias: Cytec Aerospace  
Location: Old Post Road, Havre de  
Grace

BMI#: MD1503  
Edwards Lane  
Site Alias:  
Location: 2330 Edwards Lane, Bel  
Air

BMI#: MD0903  
ESD Scenic Manor Property  
Site Alias: Kathy Way; Scenic  
Manor Drive  
Location: Chapel Road, Havre de  
Grace

BMI#: MD0821  
Forita Property  
Site Alias:  
Location: 200 South Post Road,  
Aberdeen

BMI#: MD1339  
Gunpowder Farms Subdivision  
Site Alias:  
Location: Cul de sac at end  
Gunpowder Farms Road, Fallston

BMI#: MD0973  
Hickory I Complex  
Site Alias: Harford County DPW  
Hickory I Complex  
Location: 2220 Ady Road, Forest  
Hill

BMI#: MD0387  
I.W. Jenkins - Mountain Road  
Property  
Site Alias:  
Location: 2206 Mountain Road,  
Joppa

BMI#: MD1518  
Kozub Property

Site Alias: Laurel Bush Estates  
Location: Laurel Bush Road,  
Abingdon

BMI#: MD0461  
Moore Property Landfill  
Site Alias:  
Location: Bush Road; south of  
Harris Road, Abingdon

BMI#: MD1525  
Mountain Materials Surface Mine  
Property  
Site Alias:  
Location: Orsburn Lane, Joppa

BMI#: MD0403  
Mountain Road Emergency  
Response  
Site Alias:  
Location: Mountain Road and I-95,  
Joppa-magnolia

BMI#: MD1329  
Perdue Apartments/Norrisville  
Road  
Site Alias: Theresa Perdue  
Property  
Location: 4351 Norrisville Road,  
White Hall

BMI#: MD0879  
Proposed Chick-fil-A Restaurant  
#2928  
Site Alias:  
Location: 1001 Beards Hill Road,  
Aberdeen

BMI#: MD0843  
Villages at Highland Commons  
Site Alias: B. Michael & Sons, Inc.;  
Baldwin Manor; US Army Barracks  
for Aberdeen Proving Ground  
Location: 4 Taft Street, Aberdeen

BMI#: MD1647  
Winston's Choice Townhomes  
Site Alias:  
Location: Taft Street, Aberdeen

#### HOWARD COUNTY

BMI#: MD0942  
5635 Furnace Avenue  
Site Alias:  
Location: 5635 Furnace Avenue,  
Elkridge

BMI#: MD1733  
8235 Patuxent Range Road  
Warehouse  
Site Alias:  
Location: 8235 Patuxent Range  
Road, Jessup

BMI#: MD1483  
Adcock Property  
Site Alias:  
Location: 6043 - 6045 Old  
Washington Blvd., Elkridge

BMI#: MD1042  
BAC South Parcel  
Site Alias: Baltimore Air Coil South  
Parcel  
Location: 7595 Montevideo Road,  
Jessup

BMI#: MD1346  
Baltimore Aircoil - Western  
Drainage Ditch  
Site Alias:  
Location: Adjacent to 7595  
Montevideo Road, Jessup

BMI#: MD1049  
Baltimore Aircoil North Parcel  
Site Alias: BAC North Parcel;  
Montevideo Realty Trust  
Location: 7595 Montevideo Road,  
Jessup

BMI#: MD1727  
Baltimore-Washington Commerce  
Park  
Site Alias:  
Location: 7387-7397 Washington  
Boulevard, Elkridge

BMI#: MD1574  
Belmont Manor and Historic Park  
Site Alias: Belmont Manor;  
Carriage House  
Location: 6555 Belmont Woods  
Road, Elkridge

BMI#: MD1288  
Cabinet Discounters Building  
Site Alias: 9500 Berger Road;  
Merritt Diversified Signs / Cabinet  
Discounters  
Location: 9500 Snowden River  
Parkway, Columbia

BMI#: MD1114  
Cemetery Lane West  
Site Alias: Portion of Cemetery  
Lane (MD-305)  
Location: Off Meadowridge Road,  
Northwest of I-95, Elkridge

BMI#: MD0274  
Chesapeake Finished Metals  
Site Alias:  
Location: 6754 Santa Barbara  
Court, Elkridge

BMI#: MD1633  
Clarksville Well Water  
Contamination  
Site Alias:  
Location: Near Intersection of  
Clarksville Pike (Route 108) and  
Route 32, Clarksville

BMI#: MD1300  
Columbia Palace 9 Plaza  
Site Alias:  
Location: 8755, 8765, and 8775  
Centre Park Drive, Columbia

BMI#: MD1393  
Dorsey's Search Village Center  
Site Alias:  
Location: 4715,4725,4755,4785  
Dorsey Hall Drive, Columbia

BMI#: MD1336  
Gales Lane/Finnegans  
Site Alias:  
Location: 5931 Gales Lane,  
Columbia

BMI#: MD0717  
Gateway Commerce Center II  
Site Alias: General Electric Co  
(MD-115), Microwave Bldg.  
Location: 6751 Alexander Bell  
Drive, Columbia

BMI#: MD0115  
General Electric Co.  
Site Alias: Includes Gateway  
Commerce Center II (VCP Site)  
Location: Appliance Park East,  
Columbia

BMI#: MD0034  
Howard County Landfill  
Site Alias: New Cut Landfill  
Location: 4361 New Cut Road,  
Ellicott City

BMI#: MD1512  
Howard County Public Works  
(Scaggsville)  
Site Alias:  
Location: Ten Oaks Road and  
Clarksville Pike, Clarksville

BMI#: MD0308  
Johns Hopkins Applied Physics  
Lab  
Site Alias:  
Location: 11100 Johns Hopkins  
Road, Laurel

BMI#: MD1440  
Lotte Plaza  
Site Alias:  
Location: 8801-8815 Baltimore  
National Pike, Ellicott City

BMI#: MD0465  
Mayfield Repair Facility  
Site Alias:  
Location: 7751 Mayfield Road,  
Elkridge

BMI#: MD0330  
Mullinex Farm  
Site Alias:  
Location: Florence Road and  
Mullinex Road, Lisbon

BMI#: MD0970  
Oakland Mills Village Center  
Site Alias:  
Location: 5865 Robert Oliver  
Place, Columbia

BMI#: MD1437  
Oakmont at Turf Valley  
Site Alias:  
Location: 11030, 11050, 11070  
and 11090 Resort Road,  
Marriottsville

BMI#: MD0126  
Office of the Fire Marshall  
Site Alias:  
Location: George Howard  
Building, Ellicott City

BMI#: MD0272  
Olga Nelson Enterprises  
Site Alias:  
Location: 7269 Washington  
Boulevard, Elkridge

BMI#: MD1087  
PATS, Inc.  
Site Alias:  
Location: 9570 Berger Road,  
Columbia

BMI#: MD1107  
Pecoraro Property/Augustine  
Valley Residential Lots  
Site Alias: Adcock Property  
Location: Old Washington  
Boulevard, Elkridge

BMI#: MD0417  
Publishers Printing Service Inc  
Site Alias:  
Location: 10650 Riggs Hill Road,  
Jessup

BMI#: MD1640  
Scaggsville Maintenance Facility  
(Howard County DPW)  
Site Alias: Howard County DPW  
Scaggsville Annex Facility;  
Scaggsville Public Works Facility;  
Scaggsville Road Facility  
Location: 11226 NE Route 216,  
Scaggsville

BMI#: MD0262  
Scovitch Property  
Site Alias:  
Location: 9713 Washington  
Boulevard, Laurel

BMI#: MD0781  
Sun Chemical Facility  
Site Alias:  
Location: 9025 Junction Drive,  
Annapolis Junction

BMI#: MD0373  
Tate Access Floors, Inc.  
Site Alias:  
Location: 7510 Montevideo Road,  
Jessup

BMI#: MD1658  
The Residences at Oella Mills  
Site Alias:

Location: 840 Oella Avenue,  
Ellicott City

BMI#: MD0785  
Turf Valley Maintenance Facility -  
Villages Phase 4  
Site Alias:  
Location: 2700 Turf Valley Road,  
Ellicott City

BMI#: MD0826  
Villages at Turf Valley - Phase 1  
and 3  
Site Alias: Turf Valley Resort  
Location: 2700 Turf Valley Road,  
Ellicott City

BMI#: MD0326  
Westvaco Corporation  
Site Alias: West Virginia Pulp and  
Paper Company  
Location: 11101 Johns Hopkins  
Road, Laurel

BMI#: MD1143  
Wilde Lake Village Center  
Site Alias:  
Location: 10451 Twin Rivers  
Road, Columbia

BMI#: MD1354  
Woodmont Academy  
Site Alias:  
Location: 2000 Woodmont Drive,  
Cocksville

#### KENT COUNTY

BMI#: MD1136  
848 High Street  
Site Alias:  
Location: 848 High Street,  
Chestertown

BMI#: MD1123  
Beiler Property  
Site Alias:  
Location: Maryland Line Road,  
Massey

BMI#: MD0469  
Dutch Family Deli Oil Spill  
Site Alias:  
Location: Route 301 and River  
Road (Route 291), Millington

BMI#: MD1316  
Former Cannon Street Substation  
Site Alias: Connectiv  
Location: 100 block Cannon  
Street, Chestertown

BMI#: MD1424  
Former Crop Production Services  
Site Alias: Massey & Kilbourne,  
Peerless, Kerr-McGee, AGRICO;  
499 South Cross Street  
Location: 419 Cross Street,  
Chestertown

BMI#: MD0767  
Growmark FS Kennedyville  
Site Alias:  
Location: 12045 Kennedyville  
Road, Kennedyville

BMI#: MD0454  
Kent Pit  
Site Alias: Wilkens Lane Dump  
Location: East of Intersection of  
Cedar Lane and Wilkens Lane,  
Chestertown

#### MONTGOMERY COUNTY

BMI#: MD1509  
11800 Parklawn Drive  
Site Alias: Shell Station #100558  
Location: 11800 Parklawn Drive,  
Rockville

BMI#: MD1892  
14105 Seneca Place  
Site Alias: Secco Cleaners  
Location: 14105 Seneca Place,  
Darnestown

BMI#: MD1568  
1900 Chapman - Lot 14-B  
Site Alias: Record Lot 16  
Location: 1900 Chapman Avenue,  
Rockville

BMI#: MD1051  
19609 Frederick Road  
Site Alias:  
Location: 19609 Frederick Road,  
Germantown

BMI#: MD1560  
2217-2317 Kansas Avenue and  
2315-2319 Steward Avenue  
Property  
Site Alias:  
Location: 2217-2317 Kansas  
Avenue and 2315-2319 Steward  
Avenue, Silver Spring

BMI#: MD1369  
5221 River Road  
Site Alias:  
Location: 5221 River Road,  
Bethesda

BMI#: MD1413  
5420 Butler Road  
Site Alias: Friendship  
Location: 5420 Butler Road,  
Bethesda

BMI#: MD1371  
5450 Butler Road  
Site Alias: Friendship; Butler Road  
Property  
Location: 5450 Butler Road,  
Bethesda

BMI#: MD1655  
7351-7355 Wisconsin Avenue

Site Alias: Pheasandon, LLC;  
Carpet Palace  
Location: 7351-7355 Wisconsin  
Avenue, Bethesda

BMI#: MD1679  
814 Thayer Avenue  
Site Alias:  
Location: 814 Thayer Avenue,  
Silver Spring

BMI#: MD1594  
8240 Georgia Avenue  
Site Alias: Dale Music; Ripley East  
Location: 8240 Georgia Avenue,  
Silver Spring

BMI#: MD0883  
8300 Wisconsin Avenue  
Site Alias: Trillium Condominium,  
Four Points Sheraton, Bethesda  
Ramada, Governor's House Hotel,  
Wisconsin Tourist Home, Chatters  
Restaurant  
Location: 8300 Wisconsin Avenue,  
Bethesda

BMI#: MD1558  
Anselmo Property  
Site Alias: Cloverly Forest, Parcel  
A  
Location: 1010 Briggs Chaney  
Road, Silver Spring

BMI#: MD0996  
AT&T/Canada Dry  
Site Alias:  
Location: 1201 East-West  
Highway, Silver Spring

BMI#: MD1576  
Bethesda Avenue Cleaners  
Site Alias:  
Location: 4957 Bethesda Avenue,  
Bethesda

BMI#: MD1551  
Bethesda Commerce  
Site Alias: United Bank Site  
Location: 7535 Old Georgetown  
Road, Bethesda

BMI#: MD1163  
Briggs Chaney Plaza  
Site Alias:  
Location: 13800-13881 Outlet  
Drive, Silver Spring

BMI#: MD1587  
Brightview Rockville Town Center  
Site Alias: Giant Grocery Store  
#105  
Location: 285 North Washington  
Street, Rockville

BMI#: MD1179  
Burtonsville Crossing  
Site Alias:  
Location: 15701-15791 Columbia  
Pike, Burtonsville

BMI#: MD0477  
Cadwallader/North Potomac PCP  
Site Alias: Cadwallader Residence  
Location: 13801 Turkey Foot  
Road, Gaithersburg

BMI#: MD1308  
Center Property at Fairland  
Site Alias: Center Property at  
Fairland (Parcel 340)  
Location: Off Gunpowder Road,  
adjacent to Minnick Industrial Park,  
Burtonsville

BMI#: MD1496  
Chestnut Lodge  
Site Alias:  
Location: 500 W. Montgomery  
Avenue, Rockville

BMI#: MD1579  
Churchill Business Center  
Site Alias:  
Location: 13210-13220 Wisteria  
Drive, Germantown

BMI#: MD1720  
Crystal Cleaners, Inc.  
Site Alias:  
Location: 18526 Woodfield Road  
(Route 124), Gaithersburg

BMI#: MD1204  
Former Bell Cleaners  
Site Alias:  
Location: 7106 Woodmont Avenue  
and 7008-7034 Wisconsin Avenue,  
Bethesda

BMI#: MD1734  
Former Kodak Processing Plant  
Lot 9A (RAP)  
Site Alias: Former Kodak  
Processing Plant Lot 1B, part of  
former Kodak Processing Plt (NML)  
Location: 5 Choke Cherry Road,  
Rockville

BMI#: MD0931  
Former Kodak Processing Plant,  
Parcel 1A  
Site Alias: Part of NML Site Kodak  
Qualex Photoprocessing  
Location: One Choke Cherry  
Road, Rockville

BMI#: MD0144  
Former Maryland Wood Preserving  
Site Alias: Maryland Wood  
Preserving Facility  
Location: 235 Derwood Circle,  
Rockville

BMI#: MD1380  
Gaithersburg Square Shopping  
Center  
Site Alias:  
Location: 460-582 North Frederick  
Avenue, Gaithersburg

BMI#: MD0838  
Gaithersburg Y Site  
Site Alias: Wye Site; CSX  
Property; William M. Wetmore, Inc.,  
Electrical Contractors; Lashof  
Violins; Tony & Son Air  
Conditioning & Heating  
Location: 200 Olde Towne  
Avenue, Gaithersburg

BMI#: MD1005  
Gateway Tower  
Site Alias:  
Location: 401 North Washington  
Street, Rockville

BMI#: MD1664  
Georgia Avenue Assemblage  
Site Alias: Ripley East; CD  
Exchange; Bethel Church  
Location: 8236, 8238, 8242, &  
8252 Georgia Avenue, Silver  
Spring

BMI#: MD0882  
Hampshire Langley Shopping  
Center  
Site Alias: 7 Brother Cleaners;  
Langley Cleaners  
Location: 1100-1175 East  
University Boulevard, Takoma Park

BMI#: MD0939  
Jefferson at Congressional Village  
Site Alias: Congressional Airport  
Location: 180 Halpine Road,  
Rockville

BMI#: MD1517  
Kodak Qualex Photoprocessing  
Site Alias:  
Location: 8101 Snouffer School  
Road, Gaithersburg

BMI#: MD1637  
Larsen Products Corporation  
Site Alias: Larsen Moreman, Inc.  
Property  
Location: 5420 Randolph Road,  
Rockville

BMI#: MD0225  
Laytonsville - Launch Nike W93  
Site Alias: Laytonsville Olney  
Launch (C03MD0247)  
Location: 5321 Riggs Road, Olney

BMI#: MD1724  
Lot 2, Danac Technological Park  
Site Alias:  
Location: 3 and 5 Choke Cherry  
Road, Rockville

BMI#: MD0787  
Lot 9F(1)  
Site Alias: Former Kodak  
Processing Plant, Former Kodak  
Lot 1B, Former Kodak Lot 9A

Location: 9 Choke Cherry Road,  
Rockville

BMI#: MD0982  
M.J. Cleaners Wholesale/Party  
Cloths, Inc.  
Site Alias:  
Location: 2447 Linden Lane/2426  
Linden Lane, Silver Spring

BMI#: MD0899  
Mallory Square Phase 1  
Site Alias:  
Location: 9435 Key West Avenue,  
Rockville

BMI#: MD1555  
Mallory Square Phase 2  
Site Alias:  
Location: Key West Avenue,  
Rockville

BMI#: MD0398  
McCormick Paint Works  
Site Alias:  
Location: 2355 Lewes Avenue,  
Rockville

BMI#: MD0361  
Microdyne Corp.  
Site Alias:  
Location: 627 Lofstrand Lane,  
Rockville

BMI#: MD1524  
Montgomery County Country Club  
Site Alias: Bethesda Country Club  
Location: 7601 - 7701 Bradley  
Boulevard, Bethesda

BMI#: MD1715  
Montgomery County Service Park -  
Jerimiah Park  
Site Alias: Jerimiah Park  
Location: 16641, 16647, 16651  
Crabbs Branch Way, Rockville

BMI#: MD1622  
Muddy Branch Shopping Center  
Site Alias: Fashion Craft Cleaners  
Location: 800 Muddy Branch  
Road, Gaithersburg

BMI#: MD0407  
National Bureau of Standards  
Site Alias: U.S. Department of  
Commerce - National Bureau of  
Standards  
Location: 601 Quince Orchard  
Road, Gaithersburg

BMI#: MD0150  
National Institute of Health  
Site Alias:  
Location: 9000 Rockville Pike,  
Bethesda

BMI#: MD1270  
National Park Seminary (2801  
Linden Lane)

Site Alias: Includes a portion of the  
Brownfields site.  
Location: 2801 Linden Lane, Silver  
Spring

BMI#: MD0884  
Northgate Plaza Shopping Center  
Site Alias: Aspen Cleaners;  
Northgate Cleaners  
Location: 13830 Georgia Avenue,  
Silver Spring

BMI#: MD1101  
Park Potomac Apartments  
Site Alias: Parcels I, J, K; Park  
Potomac Property - Condominium  
(12500 Park Potomac Avenue);  
Parcel KK and LL  
Location: 12400 and 12430 Park  
Potomac Avenue, Rockville

BMI#: MD1913  
Park Potomac Building D  
Site Alias: Part of Park Potomoc  
(VCP)  
Location: 12435 Park Potomac  
Avenue, Potomac

BMI#: MD1100  
Park Potomac Property -  
Commercial  
Site Alias: Parcels O, Q, R, S  
Location: 12500 Park Potomac  
Avenue, Rockville

BMI#: MD0829  
Parking Lots 31 and 31-A  
Site Alias: The Darcy  
Condominium, The Flats  
Location: Intersection of Bethesda  
Avenue and Woodmont Avenue,  
Bethesda

BMI#: MD1167  
Potomac Place Shopping Center  
Site Alias: Crest Cleaners  
Location: 10100-10154 River  
Road, Potomac

BMI#: MD0834  
Potomac Promenade  
Site Alias: Potomac Mall; Potomac  
Day Spa; First  
Union/Wachovia/Wells Fargo Bank;  
Giant Food Store #198  
Location: 9812 Falls Road,  
Potomac

BMI#: MD0399  
Proto Circuits  
Site Alias:  
Location: 14674 Southlawn Lane,  
Rockville

BMI#: MD1571  
Quince Orchard Plaza Shopping  
Center  
Site Alias:  
Location: SW Corner of  
Intersection of Routes-124 (Quince  
Orchard Road) and 117 (Clopper  
Road), Gaithersburg

BMI#: MD0898  
Reserve Business Center/Former  
Nike Missile Launch Area  
Site Alias: Part of Gaithersburg  
Research Facility (Launch) MD-222  
Location: Snouffer School Road,  
Gaithersburg

BMI#: MD1784  
Ripley II  
Site Alias: 8210 Dixon Avenue,  
Solaire Ripley II, Progress Place,  
1014 Ripley Street  
Location: 8210 Colonial Lane,  
Silver Spring

BMI#: MD0873  
Ripley South  
Site Alias: 1030, 1046, and 1050  
Ripley Street  
Location: 1150 Ripley Street,  
Silver Spring

BMI#: MD1351  
Ripley Street Development  
Site Alias: Ken's Auto Body, 1031,  
1049, 1053 Ripley Street  
Location: 1015 and 1155 Ripley  
Street, Silver Spring

BMI#: MD0128  
Rixon Inc.  
Site Alias:  
Location: 2120 Industrial Parkway,  
Silver Spring

BMI#: MD0835  
Rock Creek Village Shopping  
Center  
Site Alias: Rock Creek Village  
Cleaners, Village Exxon  
Location: 5500-5576 Norbeck  
Road, Rockville

BMI#: MD1038  
Rockville Metro Plaza  
Site Alias: Midtown Shopping  
Center; Also Rockville Metro PLaza  
II East and West  
Location: 151 Rockville Pike,  
Rockville

BMI#: MD0816  
Rockville Metro Plaza II - East  
Parcel  
Site Alias: Part of Rockville Metro  
Plaza (VCP)  
Location: 121 Rockville Pike,  
Rockville

BMI#: MD0825  
Rockville Metro Plaza II - West  
Parcel  
Site Alias: Part of Rockville Metro  
Plaza (VCP)  
Location: 121 Rockville Pike,  
Rockville

BMI#: MD1263  
Rockville Post Office  
Site Alias: Federal Building and Post Office  
Location: 2 West Montgomery Avenue, Rockville

BMI#: MD0978  
Rockville Town Center Surface Parking Lot  
Site Alias:  
Location: 196 & 199 East Montgomery Avenue, Rockville

BMI#: MD0727  
Rockville Town Square I  
Site Alias:  
Location: 225 North Washington Street, Rockville

BMI#: MD1395  
Rockville Town Square II  
Site Alias:  
Location: 200 East Middle Lane, Rockville

BMI#: MD1168  
Self Storage Zone  
Site Alias:  
Location: 8001 Snouffer School Road, Gaithersburg

BMI#: MD1301  
Shoppes at Centre Pointe  
Site Alias:  
Location: 822 Rockville Pike, Rockville

BMI#: MD0426  
Silver Spring Custom Furniture  
Site Alias: Silver Spring Furniture Service  
Location: 8943 Brookville Road, Silver Spring

BMI#: MD1285  
Silver Spring Gateway  
Site Alias: CSX Parcel 2, 1139-1141 East West Highway  
Location: 1119-1141 East West Highway, Silver Spring

BMI#: MD1365  
Silver Spring Redevelopment Project  
Site Alias:  
Location: Howlett's Addition, Lots 5 - 11 and 19 - 24, Silver Spring

BMI#: MD1303  
Sugarloaf Shopping Center  
Site Alias: Germantown Plaza; Germantown Cleaners  
Location: 12933 Wisteria Drive, Germantown

BMI#: MD1740  
Talbot Center  
Site Alias: Edna's Dry Cleaner

Location: 1043 Rockville Pike, Rockville

BMI#: MD1563  
The Gymnasium @ National Park Seminary  
Site Alias: National Park Seminary; College at Forest Geln  
Location: 2747 Linden Lane, Silver Spring

BMI#: MD0992  
Travilah Square Shopping Center  
Site Alias: Keg and Kork  
Location: 10016-10076 Darnestown Road, Rockville

BMI#: MD0788  
Upper Rock  
Site Alias: Former Kodak Processing Plant 1A, Portion of Kodak Lot 9A  
Location: 9 and 11 Choke Cherry Road, Rockville

BMI#: MD0893  
Used Tire Shop  
Site Alias: Al's Transmission  
Location: 649 University Boulevard East, Silver Spring

BMI#: MD0360  
Vectrol Inc.  
Site Alias:  
Location: 1010 Westmore Avenue, Rockville

BMI#: MD0401  
Watkins Johnson Company  
Site Alias:  
Location: 700 Quince Orchard Road, Gaithersburg

BMI#: MD0180  
Weinschel Engineering  
Site Alias:  
Location: 1 Weinschel Lane, Gaithersburg

BMI#: MD1611  
Westech Village Corner  
Site Alias: International Fabricare Institute (IFI); 12251 Tech Road  
Location: 12251-12293 Tech Road, Silver Spring

BMI#: MD0739  
Westwood Shopping Center I  
Site Alias: A-4, Plat Book 63, Plat No. 5498  
Location: 5350-5460 Westbard Avenue, Bethesda

BMI#: MD0842  
Wheaton Apartments  
Site Alias: First Baptist Church of Wheaton  
Location: 10914 Georgia Avenue, Wheaton

BMI#: MD1266  
Wholesale Cleaners  
Site Alias:  
Location: 7216 New Hampshire Avenue, Takoma Park

BMI#: MD1667  
WMATA Off-Site Investigation  
Site Alias: Former National Institute of Dry Cleaning; WMATA Storage & Maintenance Facility  
Location: 901 Stoddard Place, Silver Spring

BMI#: MD0718  
WMATA Parcel MB-278 (Washington Metro Area Transit Authority)  
Site Alias: Former National Institute of Dry Cleaning, Inc.  
Location: 8021 Georgia Avenue, Silver Spring

BMI#: MD1550  
Woodmoor Getty/Shell Station  
Site Alias:  
Location: 10144 Colesville Road, Silver Spring

BMI#: MD1387  
Woodmoor Shopping Center - Silver Spring  
Site Alias:  
Location: 10117 Colesville Road, Silver Spring

**PRINCE GEORGE'S COUNTY**

BMI#: MD0963  
10333 Old Fort Road  
Site Alias: Besche Oil Facility, Toms Friendly Sunoco  
Location: 10333 Old Fort Road, Fort Washington

BMI#: MD1583  
2103 Rochell Avenue  
Site Alias: Hilltop Apartments; Downgradient property for 175 Cleaners  
Location: 2103 Rochell Avenue, District Heights

BMI#: MD1573  
3299 Queens Chapel Road  
Site Alias: Standard Pressing  
Location: 3299 Queens Chapel Road, Mount Ranier

BMI#: MD1858  
3801 Ironwood Place, Landover  
Site Alias: Johnson Truck Center Facility  
Location: 3801 Ironwood Place, Landover

BMI#: MD1111  
5401 Marlboro Pike  
Site Alias:

Location: 5401 Marlboro Pike, District Heights

BMI#: MD1857  
8907 Baltimore Avenue  
Site Alias: Proposed Chick-fil-A - College Park, MD  
Location: 8907 Baltimore Avenue, College Park

BMI#: MD0807  
Accokeek - Vacant Parcels  
Site Alias: Vacant Parcels  
Location: 15909 Hickory Knoll Road, Accokeek

BMI#: MD1307  
Addison Road  
Site Alias: Addison Road Dump Site; Addison Station Development  
Location: North of Central Avenue, northeast of Adak Street and Addison Road, Seat Pleasant

BMI#: MD0828  
Adelphi Plaza  
Site Alias: Norge Village Cleaners; Norse Village Cleaners  
Location: 2328-2340 University Boulevard East, Hyattsville

BMI#: MD0932  
Alta Branch - Phase I  
Site Alias:  
Location: Capital Gateway Drive, Suitland

BMI#: MD0716  
Alta Branch II  
Site Alias: Capital Gateway; Soho North  
Location: Capital Gateway Drive, Suitland

BMI#: MD1254  
Americas Body Company, Inc (ABC)  
Site Alias: Independence Truck Equipment  
Location: 6401 Aaron Lane (formerly known as 6401 and 6315 Aaron Lane), Clinton

BMI#: MD1400  
Andrews Manor Shopping Center  
Site Alias:  
Location: 4913 Allentown Road, Camp Springs

BMI#: MD1445  
Antonio Troiano Tile & Marble Co., Inc. / Beltsville Industrial Center  
Site Alias:  
Location: 10742 Tucker Street, Beltsville

BMI#: MD1603  
Avalon Laurel

Site Alias: Anderson's Corner; Avalon Konterra North, Konterra Overlook  
Location: 6901 Van Dusen Road, Laurel

BMI#: MD0476  
Beaverdam Creek PCB  
Site Alias: 3133 Pennsy Drive Site; Jack Stone Sign Company; John Stone Electric  
Location: Beaverdam Creek from the upper Metro crossing to the confluence of Cabin Branch and Beaverdam C, Landover

BMI#: MD1225  
Best Cleaners  
Site Alias:  
Location: 794 Harry S Truman Drive, Largo

BMI#: MD0039  
Bladensburg Acetylene  
Site Alias: Air Products, Inc  
Location: 2900 52nd Avenue, Hyattsville

BMI#: MD0994  
Bowie Market Place  
Site Alias: Belair Shopping Center Subdivision, So's Cleaners, Superior Lane Shopping Center, Stanton Cleaners  
Location: 3206-3273 Superior Lane, Bowie

BMI#: MD1241  
Bowie Plaza Shopping Center  
Site Alias:  
Location: 6796-6802, 6906-6940, 6980, and 6990 Laurel Bowie Road (Route 197), Bowie

BMI#: MD0090  
Bowie-Belair Landfill  
Site Alias: Browning Ferris Industries Belair Sanitary Landfill  
Location: Public Works Road via Route 450, Bowie

BMI#: MD0872  
Campbell Building  
Site Alias:  
Location: 10721 Tucker Street, Beltsville

BMI#: MD0108  
Capitol Wire & Fence  
Site Alias:  
Location: 3334 Kenilworth Avenue, Hyattsville

BMI#: MD0295  
Celia LUST  
Site Alias:  
Location: Baltimore Boulevard and Southardt Drive, Beltsville

BMI#: MD1116

Central Hampton Business Park  
Site Alias: Hampton One-Hour Cleaners  
Location: 9244 East Hampton Drive, Capitol Heights

BMI#: MD0266  
Cheltenham Battery  
Site Alias:  
Location: 10800 Frank Tippet Road, Cheltenham

BMI#: MD1231  
Chestnut Hills Shopping Center  
Site Alias: Beltsville Laundry & Dry Cleaning; Neil's Cleaners  
Location: 10452 Baltimore Boulevard, Beltsville

BMI#: MD0424  
City of Greenbelt, Department of Public Works  
Site Alias: Greenbelt Department of Public Works  
Location: 555 Crescent Road, Greenbelt

BMI#: MD1597  
Clinton Cleaners  
Site Alias:  
Location: 7505 Old Branch Avenue, Clinton

BMI#: MD0251  
Columbia Park Drum Site  
Site Alias:  
Location: Route 74 and Columbia Avenue, Landover

BMI#: MD0182  
Contee Sand and Gravel  
Site Alias:  
Location: Virginia Manor Road, Laurel

BMI#: MD0974  
County Plaza Shopping Center  
Site Alias: Hilltop Garden Apartments; 175 Cleaners  
Location: 1940 County Road, District Heights

BMI#: MD0230  
Croom - Launch  
Site Alias: C03MD0239  
Location: 8520 Duvall Road, Upper Marlboro

BMI#: MD0468  
Croom Military Housing  
Site Alias: C03MD0239  
Location: 15494, 15470, 15512 Mount Calvert Road, Upper Marlboro

BMI#: MD1500  
Diplomat Cleaners  
Site Alias: Former Diplomat Cleaners

Location: 15480-15642 Annapolis Road, Bowie

BMI#: MD0443  
Eagle Harbor Tire Fire  
Site Alias:  
Location: Eagle Harbor Road, Eagle Harbor

BMI#: MD1501  
Eastgate Shopping Center  
Site Alias:  
Location: 10545 and 10549 Greenbelt Road, Glenn Dale

BMI#: MD1502  
Eco Gardens  
Site Alias:  
Location: ,

BMI#: MD0170  
Evans Trail Dump Site  
Site Alias:  
Location: Evans Trail Road off Powder Mill Road, Calverton

BMI#: MD1434  
FERST, Inc.  
Site Alias: Gibbons Church Road Property; F&E Resource Systems Technology, Inc.  
Location: 14800 Gibbons Church Road, Brandywine

BMI#: MD1789  
Finn-Annapolis Road Property  
Site Alias:  
Location: 7730 Finns Lane & 7732-7740 Annapolis Road (Including Outlot A), Lanham

BMI#: MD0986  
Forest Laundromat  
Site Alias: Laundry Tub  
Location: 5247 Marlboro Pike, Capitol Heights

BMI#: MD1160  
Fort Foote Center Dry Cleaners  
Site Alias: Vegas Custom Cleaners; College Park Woods Property  
Location: 9201-9231 Oxon Hill Road, Oxon Hill

BMI#: MD1384  
Greenway Shopping Center  
Site Alias:  
Location: 7595 Greenbelt Road, Greenbelt

BMI#: MD1581  
Griffith Energy Services, Inc.  
Site Alias: Griffith Consumers Company  
Location: 2510 Schuster Drive, Hyattsville

BMI#: MD1331  
Hillcrest Heights Shopping Center

Site Alias:  
Location: 2300-2364 Iverson Street, Temple Hills

BMI#: MD0200  
Hyattsville Gas & Electric  
Site Alias: Hyattsville Gas Former MGP; Overlaps Hyattsville Gas Former MGP (VCP)  
Location: 4609 and 4661 Tanglewood Drive, Edmonston

BMI#: MD1465  
Hyattsville Gas Former MGP  
Site Alias: Washington Gas; Overlaps Hyattsville Gas & Electric (CHS)  
Location: 4609 Tanglewood Drive, Edmonston

BMI#: MD1407  
Industrial Towel Supply, Inc.  
Site Alias: ITS1  
Location: 136 Lafayette Avenue, Laurel

BMI#: MD0836  
Jara Property  
Site Alias:  
Location: St. Mary's Street and Route 1, Beltsville

BMI#: MD0291  
JL Clark Mfg Co/Stone Industries  
Site Alias:  
Location: 9207 51st Avenue, College Park

BMI#: MD0485  
Joseph Smith & Sons, Inc  
Site Alias:  
Location: 2001 Kenilworth Avenue, Capitol Heights

BMI#: MD1439  
Kettering Crossing  
Site Alias:  
Location: 51-97 Kettering Drive, Upper Marlboro

BMI#: MD0134  
Koppers Co Laurel  
Site Alias: Duplicate site listing of MD-40 (Koppers Co. Dump Site)  
Location: Riverside Drive, Laurel

BMI#: MD0040  
Koppers Co. Dumpsite - Laurel  
Site Alias:  
Location: 13501 Baltimore Avenue (Route 1), Laurel

BMI#: MD0953  
Lanham Center Property  
Site Alias:  
Location: 9005-9039 Lanham Severn Road, Lanham

BMI#: MD1037  
Laurel Building Supply

Site Alias: C.F. Shaffer Lumber Company, Inc.; MTA Laurel MARC Station, Parking Lot B  
Location: 100 Main Street (also 108 2nd Street, 114 2nd Street, 114 2nd Street and 145 Main Street), Laurel

BMI#: MD1613  
Laurel Commerce Center  
Site Alias:  
Location: 14709, 14711, 14713 Baltimore Avenue, Laurel

BMI#: MD0311  
London Hills Development  
Site Alias:  
Location: End of Highmount Lane, Capitol Heights

BMI#: MD1453  
McDonald Strosnider Transmissions  
Site Alias:  
Location: 7596 Annapolis Road, Hyattsville

BMI#: MD0419  
Mid-Atlantic Finishing, Inc.  
Site Alias:  
Location: 4656 Addison Road, Capitol Heights

BMI#: MD1165  
Mini Shopping Center  
Site Alias:  
Location: 5946 Martin Luther King, Jr. Highway, Capitol Heights

BMI#: MD0368  
NASA Goddard Space Flight Center  
Site Alias:  
Location: Main Gate off Greenbelt Road, Greenbelt

BMI#: MD0910  
Northhampton, City of Largo  
Site Alias: Haverford Homes (Brownfields Site)  
Location: Harry Truman Drive and Mt. Lubentia Road, Largo

BMI#: MD1296  
Office Depot Shopping Center  
Site Alias:  
Location: 123 Bowie Road, Laurel

BMI#: MD0171  
Old Fort Road Site  
Site Alias:  
Location: 11920 Old Fort Road, Piscataway

BMI#: MD1112  
Old Forte Village Shopping Center  
Site Alias:  
Location: 970 East Swan Creek Road, Fort Washington

BMI#: MD1105  
Osborne Shopping Center  
Site Alias: Official Cleaners  
Location: 7575 Southwest Crain Highway, Upper Marlboro

BMI#: MD0853  
Osborne Shopping Center Parcel G  
Site Alias:  
Location: 7610 South Osborne Road, Upper Marlboro

BMI#: MD1170  
Oxon Hill Plaza  
Site Alias:  
Location: 6105-6263 Livingston Road, Oxon Hill

BMI#: MD0913  
Penn Forest Shopping Center  
Site Alias:  
Location: 3300 Walters Lane, District Heights

BMI#: MD0979  
Penn Forest Shopping Center Off-Site Plume  
Site Alias: 3401 Walters Lane Property  
Location: 3401 Walters Lane, District Heights

BMI#: MD1324  
Penn Station Shopping Center  
Site Alias: Penn Station Cleaners (5562)  
Location: 5550, 5663, 5718 and 5736 Silver Hill Road, District Heights

BMI#: MD1625  
Penn-Mar Shopping Center  
Site Alias: Penn-Mar Dry Cleaners  
Location: 3000-4000 Donnell Drive, District Heights

BMI#: MD1350  
PG Contractors Leasehold Facility  
Site Alias:  
Location: 5411 Kirby Road, Clinton

BMI#: MD0127  
Piscataway WWTP  
Site Alias:  
Location: Route 1 Farmington Road, Accokeek

BMI#: MD1333  
Pointer Ridge Plaza Shopping Center  
Site Alias: Modern Laundry, Pointer Ridge Cleaners, Admiral Cleaners  
Location: 1300 NW Crain Hwy, Mitchellville

BMI#: MD1243  
Prince George's County Vehicle Audit Impoundment Lot

Site Alias:  
Location: 4920 Ritchie-Marlboro Road, Upper Marlboro

BMI#: MD1244  
Q&S Cleaners  
Site Alias: College Park Shopping Center  
Location: 7318 Baltimore Avenue, College Park

BMI#: MD1372  
Riverdale Plaza  
Site Alias:  
Location: 5601-5851 Riverdale Road and 5603 Kenilworth Ave, Riverdale

BMI#: MD1777  
Robey Towing  
Site Alias:  
Location: 5430 Lafayette Place, Hyattsville

BMI#: MD0445  
Rogers Electric  
Site Alias:  
Location: 5720 Columbia Park, Cheverly

BMI#: MD0935  
Rosecroft Shopping Center  
Site Alias: 3175 Brinkley Street  
Location: 3201-3297 Brinkley Road, Temple Hills

BMI#: MD1277  
Sargent Road Shopping Center  
Site Alias: Festival Laundry, 5613 Sargent Road, Post Laundromat  
Location: 5601-5615 Sargent Road, Hyattsville

BMI#: MD1599  
Shoppes at Metro Station  
Site Alias: Metro Cleaners  
Location: 6211 Belcrest Road, Hyattsville

BMI#: MD0833  
Silver Hill Plaza  
Site Alias:  
Location: 5812-5870 Silver Hill Road, Forestville

BMI#: MD0997  
Southgate Business Park Property  
Site Alias:  
Location: 9800 Martin Luther King Highway, Lanham

BMI#: MD1318  
Springhill Lake Cleaners at The Springhill Lake Apartment Property  
Site Alias: Springhill Lakes Dry Cleaner; Springhill Lake Apartments; Greenbelt Fraternal Order of Police (FOP)  
Location: 9230 Springhill Lane, Greenbelt

BMI#: MD1582  
Sunrise Shopping Center  
Site Alias:  
Location: 5450-5500 St. Barnabas Road, Oxon Hill

BMI#: MD1545  
The Cherokee Sanford Property (7100 Muirkirk Road)  
Site Alias: The Brick Yard (VCP)  
Location: 7100 Muirkirk Road, Beltsville

BMI#: MD0358  
William Pleasant Site  
Site Alias:  
Location: 10100 Block Allentown Road, Friendly

BMI#: MD0393  
Windsor Manor Road Site  
Site Alias: Upper Marlboro Township  
Location: 12020 Windsor Manor Road, Upper Marlboro

#### QUEEN ANNE'S COUNTY

BMI#: MD1893  
Centreville Spray Irrigation Farm  
Site Alias:  
Location: 751 Hope Road, Centreville

BMI#: MD1390  
Collins Electric/Johnson Property  
Site Alias: Johnson Property  
Location: Old Love Point Road, Stevensville

BMI#: MD1267  
Queen Anne's County Drum Site  
Site Alias:  
Location: 312 Safety Drive, Centreville

BMI#: MD0459  
Tom Dodd Sporting Clays Site  
Site Alias:  
Location: 620 Tom Dodd Farm Lane, Queenstown

BMI#: MD1645  
Town of Centreville Sewage Effluent Spray Irrigation Farm  
Site Alias: Centreville Wastewater Irrigation Field, Dump at Centreville Spray Irrigation Farm  
Location: Off of Hope Road, Centreville

#### SOMERSET COUNTY

BMI#: MD0791  
11731 Somerset Avenue  
Site Alias: Cato Oil, Texaco  
Location: 11731 Somerset Avenue, Princess Anne

BMI#: MD0425  
Beitzel Cabinet and Millwork  
Site Alias:  
Location: Broad Street, Princess Anne

BMI#: MD1629  
Mrs. Paul's Kitchens, Inc.  
Site Alias:  
Location: Norris Harbor Drive, Crisfield

BMI#: MD0129  
Ring Landfill  
Site Alias: Westover Landfill;  
Fairmont LF; Westover-Ring LF  
Location: Millard Road, Westover

BMI#: MD0287  
Sherwin Williams - Crisfield  
Site Alias: The Rubberset Company  
Location: 26466 Silver Lane; Route 413, Crisfield

#### ST. MARY'S COUNTY

BMI#: MD1178  
Bardon, Inc. Hollywood Facility  
Site Alias: Genstar Stone  
Location: 23350 Three Notch Road, California

BMI#: MD0185  
California Drum Site  
Site Alias:  
Location: St. Andrews Church Road, California

BMI#: MD0364  
Genstar Stone Products  
Site Alias: Bardon Hollywood (VCP)  
Location: Route 235, Hollywood

BMI#: MD1529  
Pax River ROW  
Site Alias:  
Location: ,

BMI#: MD0135  
Southern Maryland Wood Treating  
Site Alias: Southern MD Wood Treating  
Location: Route 235 across from Joy Lane, Hollywood

BMI#: MD0256  
Springer Septic Service  
Site Alias:  
Location: Route 238 and Chaptico Hurry Road, Chaptico

BMI#: MD0375  
St. Mary's Salvage  
Site Alias:  
Location: 43966 Commerce Avenue, Hollywood

BMI#: MD1311

St. Mary's Square Shopping Center  
Site Alias:  
Location: 21600 Great Mills Road, Lexington Park

#### TALBOT COUNTY

BMI#: MD1059  
Cadmus Journal Services, Inc.  
Site Alias: Former Waverly Press facility  
Location: 500 Cadmus Lane, Easton

BMI#: MD1417  
Chesapeake Publishing Company  
Site Alias: Duroolith  
Location: 29088 Airpark Drive, Easton

BMI#: MD0519  
D & B Products  
Site Alias:  
Location: 28825 Llandaff Road, Easton

BMI#: MD0199  
Easton Gas & Light Co.  
Site Alias:  
Location: 1 South West Street, Easton

BMI#: MD0281  
Easton Utilities Commission - Plant No. 1  
Site Alias: Easton Utilities Commission Muni Elec  
Location: 219 North Washington Street, Easton

BMI#: MD0282  
Easton Utilities Commission - Plant No. 2  
Site Alias: Easton Utilities Commission Power Plant; Glebe Park Drive  
Location: Airport Industrial Park, Easton

BMI#: MD1506  
Former Easton Municipal Public Works  
Site Alias:  
Location: 672 West Glenwood Avenue, Easton

BMI#: MD1592  
Former McCord Laundry and Cleaning, Inc.  
Site Alias: Brick Row; Lincoln County Land and Cattle Company  
Location: 114 South Washington Street, Easton

BMI#: MD1337  
Fuller Motor Sales  
Site Alias: David Wheeler Auto Park  
Location: 6546 Ocean Gateway (Route 50), Easton

BMI#: MD0723  
Marlboro Avenue Property  
Site Alias: Admiral Cleaners Store #67; Pad Site of Tred Avon Square Shopping Center  
Location: 220 Marlboro Avenue, Easton

BMI#: MD0125  
Noble Motor Rebuilders  
Site Alias:  
Location: 350 North Aurora Street, Easton

BMI#: MD0743  
The Contractor Yard, Inc  
Site Alias: Moore's Lumber & Building Supply, Inc  
Location: 8401 Ocean Gateway, Easton

BMI#: MD1626  
Wharton and Barnard, Inc.  
Site Alias:  
Location: 8431 Ocean Terrace, Easton

#### WASHINGTON COUNTY

BMI#: MD0346  
Angstrom Precision Inc.  
Site Alias:  
Location: 18400 Precision Place(formerly 1 Precision Place), Hagerstown

BMI#: MD0442  
Central Chemical Corp. (Office)  
Site Alias: Combined with MD-302  
Location: 49 North Jonathan Street, Hagerstown

BMI#: MD0396  
Certain Teed Metals  
Site Alias:  
Location: 290 Governor Lane Boulevard, Williamsport

BMI#: MD0094  
Chevron Chemical Co. - Williamsport  
Site Alias:  
Location: Old Boonsboro Road/Artisan Ave, Williamsport

BMI#: MD0298  
Chewsville Coop  
Site Alias:  
Location: Main Street, Chewsville

BMI#: MD0397  
Danzer Metal Works  
Site Alias:  
Location: 17500 York Road, Hagerstown

BMI#: MD1003  
Engineering Polymer Solutions, Inc.

Site Alias: Formerly a Part of Rustoleum; Rust-o-leum (MD-348); Engineered Polymer Solution  
Location: 16414 Industrial Lane, Interstate Industrial Park, Williamsport

BMI#: MD0036  
Former Koppers Company  
Site Alias: Koppers Co. - Hagerstown  
Location: 100 Clair Street, Hagerstown

BMI#: MD0475  
Franklin Spickler Property  
Site Alias:  
Location: Greencastle Pike (Route 63) at Mount Zion Church, Maugansville

BMI#: MD0777  
Hagerstown Shopping Center  
Site Alias:  
Location: 607-619 Dual Highway, Hagerstown

BMI#: MD0771  
Lion Ribbon Company Inc. a/k/a C.M. Offray  
Site Alias:  
Location: 857 Willow Circle, Hagerstown

BMI#: MD0870  
Long Meadow Shopping Center  
Site Alias:  
Location: Oak Hill Avenue, Hagerstown

BMI#: MD0797  
Lowe's Flatbed Distribution Center  
Site Alias: Part of Former Koppers Co.; Maryland Wood Preserving Co.; Century Wood Preserving Co.  
Location: 990 Wesel Boulevard, Hagerstown

BMI#: MD0078  
Mack Trucks Inc.  
Site Alias: Formerly 1999 Pennsylvania Avenue  
Location: 13302 Pennsylvania Avenue, Hagerstown

BMI#: MD0121  
Magnus Company Inc  
Site Alias:  
Location: Elizabeth Street, Hagerstown

BMI#: MD1252  
Maryland Metals, Inc.  
Site Alias:  
Location: 449 Antietam Drive, Hagerstown

BMI#: MD0876  
MP Moller, Inc. (Blue Mountain Woodworks)

Site Alias:  
Location: 403 North Prospect Street, Hagerstown

BMI#: MD0329  
Newell Enterprises, Inc  
Site Alias:  
Location: 18604 Leslie Drive, Hagerstown

BMI#: MD1632  
Orkin Pest Control Facility  
Site Alias: 6 East Linwood Road, Halfway, MD  
Location: 17827 Virginia Avenue, Hagerstown

BMI#: MD1528  
Patrick Street MGP  
Site Alias: MD1278 (McHenry Auto Parts)  
Location: 300 E. Patrick Street, Frederick

BMI#: MD1628  
PSP Limited  
Site Alias: Sharrett, Inc.; Mount Aetna Body Works  
Location: 1333 Dual Highway, Hagerstown

BMI#: MD0348  
Rustoleum Corp.  
Site Alias: Includes Engineering Polymer Solutions (VCP Site); Rust-o-leum  
Location: Governor Lane Boulevard and Industrial Lane, Williamsport

BMI#: MD1217  
SHA - Western Regional Lab  
Site Alias:  
Location: U.S Route 40 West and MD Route 144, Hagerstown

BMI#: MD0906  
Southern Ionics Incorporated  
Site Alias: Part of Sun Chemical (MD-400)  
Location: 10319 Grumbacker Lane, Williamsport

BMI#: MD0400  
Sun Chemical Corporation - GPI Division  
Site Alias: Includes Southern Ionics Incorporated (VCP)  
Location: 10319 Grumbacker Lane, Williamsport

BMI#: MD0151  
W.D. Byron and Sons Inc.  
Site Alias:  
Location: 312 North Conococheague Street; Fenton Ave, Williamsport

BMI#: MD1548  
Waggoner Property

Site Alias:  
Location: 18124 Oak Ridge Road, Hagerstown

BMI#: MD0418  
West Manufacturing Co.  
Site Alias:  
Location: 910 Eldridge Drive, Hagerstown

#### WICOMICO COUNTY

BMI#: MD0093  
125 Bateman Street  
Site Alias: Chevron Chemical Co. - Salisbury (MD-093)  
Location: 125 Bateman Street, Salisbury

BMI#: MD0321  
Adams Co. and Son Inc.  
Site Alias:  
Location: Northwood Drive and Arlington Road; Northwood Industrial Park, Salisbury

BMI#: MD0300  
Blackwater Solid Waste Transfer Station  
Site Alias:  
Location: Waller Road; 4 miles west of Delmar, Delmar

BMI#: MD0374  
Chesapeake Shipbuilders Inc.  
Site Alias:  
Location: 710 Fitzwater Street, Salisbury

BMI#: MD1499  
Dale Enterprises  
Site Alias:  
Location: 315 Lake Street, Salisbury

BMI#: MD1719  
Doe Run Groundwater Investigation  
Site Alias:  
Location: multiple Doe Run Drive and Jackson Road, Salisbury

BMI#: MD1145  
Former School Street Substation  
Site Alias: Connectiv  
Location: School Street (Mack Avenue) and Lake Street, Salisbury

BMI#: MD0861  
Goodwill Store  
Site Alias:  
Location: 700 South Salisbury Boulevard, Salisbury

BMI#: MD0047  
Grigco Waste Oil  
Site Alias:  
Location: 500 Water Street, Sharptown

BMI#: MD0237  
Long-Life Treated Wood  
Site Alias:  
Location: Old Railroad Road, Hebron

BMI#: MD1102  
River Harbor  
Site Alias: The Village Down River; a portion of MD-377  
Location: Riverside Drive East, Salisbury

BMI#: MD0377  
River Harbor Development  
Site Alias: Includes River Harbor (VCP)  
Location: Riverside Drive East, Salisbury

BMI#: MD0327  
Salisbury Marketing Inc.  
Site Alias:  
Location: 106 Bridgeview Street, Salisbury

BMI#: MD1635  
VPI Mirrex Plant  
Site Alias: Former Film & Converting Group/American Mirrex Corporation  
Location: 601 South Marvel Road, Salisbury

BMI#: MD1035  
Wawa Food Market  
Site Alias:  
Location: 668-682 South Salisbury Boulevard, Salisbury

BMI#: MD1627  
Wetcher Whistle Market  
Site Alias: OC Road Beer & Wine  
Location: 1300 Old Ocean City Road (S.R. 346), Salisbury

#### WORCESTER COUNTY

BMI#: MD0083  
Bishop Processing  
Site Alias: Bishopville Industrial; Bishopville Commercial  
Location: 16053 Old Stage Road, Bishopville

BMI#: MD1047  
Campbell Soup Property  
Site Alias:  
Location: 1947 Clarke Avenue Extended, Pocomoke City

BMI#: MD1349  
Connectiv Ocean City District Office  
Site Alias: Delmarva Power Ocean City District Office  
Location: 8403 Coastal Highway, Ocean City

BMI#: MD0912  
Former Snow Hill Substation

Site Alias:  
Location: Bay Street, Snow Hill

BMI#: MD0794  
Moore Business Forms, Inc.  
Site Alias:  
Location: 201 Belt Street, Snow Hill

BMI#: MD0795  
Noble Furniture Repair  
Site Alias: Noble Furniture Repair & Antique Restoration  
Location: 5512 Snow Hill Road, Snow Hill

BMI#: MD1310  
Tyson Chicken, Inc.  
Site Alias: Berlin Falls; Tyson Foods, Hudson Foods, Corbett Enterprises; 9943 and 10009 Ocean City Boulevard  
Location: 9943 Old Ocean City Boulevard, Berlin

BMI#: MD0376  
West Ocean City Landfill  
Site Alias: MD-252  
Location: Lewis Road; 2.3 miles from Route 50, Berlin