



Maryland
Department of
the Environment

ANNUAL ENFORCEMENT & COMPLIANCE REPORT

FISCAL YEAR 2015

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TABLE OF CONTENTS

Section One – REPORT BASIS AND SUMMARY INFORMATION	3
Statutory Authority and Scope	4
Organization of the Report	4
MDE Executive Summary	5
MDE Performance Measures – Executive Summary	6
Enforcement Workforce	6
Section 1-301(d) Penalty Summary	7
MDE Performance Measures Historical Annual Summary FY 1998 – 2003	8
MDE Performance Measures Historical Annual Summary FY 2004 – 2009	9
MDE Performance Measures Historical Annual Summary FY 2010 – 2015	10
MDE Enforcement Actions Historical Annual Summary FY 1998 – 2015	11
MDE Penalties Historical Annual Summary Chart FY 1998 - 2015	11
MDE’s Enforcement and Compliance Process and Services to Permittees and Businesses	12
The Enforcement and Compliance Process	12
Enforcement Process Flow Chart	13
Supplemental Environmental Projects (SEPs)	14
Contacts or Consultations with Businesses	15
Compliance Assistance	15
Consultations with Businesses	15
Section Two - ADMINISTRATION DETAILS	17
Measuring Enforcement and Compliance	18
Performance Measures Table Overview and Definitions	19
Enforcement and Compliance Performance Measures Table Format	23
Air and Radiation Management Administration (ARMA)	25
ARMA Executive Summary	26
ARMA Performance Measures	27
Ambient Air Quality Control	28
Air Quality Complaints	34
Asbestos	38
Radiation Machines	42
Radioactive Materials Licensing and Compliance	48
Land Management Administration (LMA)	55
LMA Executive Summary	56
LMA Performance Measures	57
Land Restoration	58
Hazardous Waste	60
Lead Poisoning Prevention	64
Oil Control - Aboveground Facilities	68
Oil Control - Pollution Remediation Activities	72
Oil Control - Underground Storage Tank Systems	76

Refuse Disposal	80
Scrap Tires	84
Sewage Sludge Utilization	88
Animal Feeding Operations	92
Natural Wood Waste Recycling	96
Mining – Coal	100
Mining – Non-Coal	104
Oil and Gas Exploration and Production	108
Mercury Switch Recovery	112
Electronics Recycling	116
Water Management Administration (WMA)	121
WMA Executive Summary	122
WMA Performance Measures	124
Discharges – Groundwater (Municipal and Industrial)	125
Discharges – Surface Water (Municipal and Industrial) State/NPDES	128
Discharges – Pretreatment (Industrial)	132
Stormwater Management and Erosion and Sediment Control for Construction Activity	136
Water Supply Program	140
Waterway Construction – Dam Safety	154
Wetlands and Waterways – Non-Tidal and Floodplain	158
Wetlands – Tidal	162
Office of Budget and Infrastructure Financing	167
Water Supply and Sewerage Construction	168
Office of the Attorney General Environmental Crimes Unit (ECU)	173
ECU Executive Summary and Performance Measures	174
Section Three – APPENDICES	181
Appendix A: Organizational Charts	182
Appendix B: List of Enforcement Areas Included in This Report	187
Appendix C: Environment Article Section 1-301(d)	188
Appendix D: MDE Penalty Policy	190
Appendix E: Environmental Audit Guidance	191
Appendix F: Supplemental Environmental Projects	194
Appendix G: Brownfield Master Inventory List – Active Sites	199
Appendix H: Brownfield Master Inventory List – Archive Sites	217

SECTION ONE
REPORT BASIS AND SUMMARY
INFORMATION

ANNUAL ENFORCEMENT AND COMPLIANCE REPORT FISCAL YEAR 2015

Statutory Authority and Scope

Environment Article §1-301(d), enacted in 1997 (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 2015 results. A table on pages eight through ten compares the historical annual Department-wide performance measures from FY 1998 – 2015. 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) nineteenth Enforcement and Compliance Report, for Fiscal Year 2015 (July 2014-June 2015), 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 2015, MDE provided regulatory oversight for 169,094 regulated entities, with 69,088 permits in effect in 33 different enforcement areas. The number of permits in effect declined by 9,500, largely due to efforts to remove completed projects from the General Permit for Stormwater Associated with Construction Activities. The number of other regulated facilities increased by almost 9,000, largely due to the expansion of the rental property registration requirements in the Lead Poisoning Prevention Program to properties built prior to 1978.

MDE inspected more than 104,000 sites, which is 146% more sites in FY 2015 than in FY 2014, and performed over 183,000 inspections, audits, and spot checks, which is a 45% increase from FY 2014. Almost all of this increase is due to changes in the number of third-party inspections in the Lead Poisoning Prevention Program due to the expansion of the rental property registration requirements to properties built prior to 1978. There was a large increase in the number of enforcement actions this year due to an enforcement initiative for property owners who failed to renew rental registrations for the lead rental registry. This initiative, pursued to support the Department's ongoing efforts to further reduce childhood lead poisoning as well as to respond to a legislative audit finding, resulted in more than 5,000 enforcement actions in FY 2015, which is greater than the total number of enforcement actions from the rest of the Department.

This year, penalties collected from environmental violators totaled \$3,681,138. This is a slight increase from last year's total of \$3,620,272. Large changes in penalties collected often reflect the presence or absence of large settlements during the year.

Resource constraints continue to limit the Department's enforcement capabilities. MDE has responded to this ongoing situation by prioritizing enforcement activities based on risks to public health and the environment. These constraints have also affected the legal resources available to MDE. The Office of the Attorney General continues to experience an enforcement backlog despite concerted efforts at backlog reduction through expedited case processing and modifications in MDE's enforcement approach. As of September 2015, 84 cases remained on in the OAG backlog, down from 101 cases the previous year.

Please refer to MDE's website (<http://www.mde.maryland.gov>) for the latest information on enforcement actions and other compliance activities.

MDE PERFORMANCE MEASURES EXECUTIVE SUMMARY

	<u>2014 Totals</u>	<u>2015 Totals</u>
<u>PERMITTED SITES/FACILITIES</u>		
Number of Permits/Licenses Issued	8,708	10,332
Number of Permits/Licenses in Effect at Fiscal Year End	78,588	69,088
<u>OTHER REGULATED SITES/FACILITIES</u>		
Total Sites	160,332	169,094
<u>INSPECTIONS</u>		
Number of Sites Inspected	42,414	104,454
Number of Sites Audited But Not Inspected	7,911	8,465
Number of Inspections, Audits, Spot Checks	126,337	183,192
<u>ENFORCEMENT ACTIONS</u>		
Number of Compliance Assistance Rendered	20,536	16,762
Number of Enforcement Actions Taken	2,151	7,676
<u>PENALTIES</u>		
Amount of Administrative or Civil Penalties Obtained	\$3,620,272	\$3,681,138
Supplemental Environmental Projects	12 (\$1,163,250)	8 (\$3,594,000)

ENFORCEMENT WORKFORCE

	Compensation*		Workforce			
			Inspectors**		FTE Vacancies***	
	FY 2014	FY 2015	FY 2014	FY 2015	FY 2014	FY 2015
Air/Radiation	\$3,152,109	\$3,475,266	40.0	41.0	1.0	2.42
Land	\$4,389,830	\$5,076,486	69.0	73.0	10.6	9.8
Water	\$3,564,637	\$3,603,557	44.0	42.6	5.85	8.9
Total	\$11,106,576	\$12,155,309	153.0	156.6	17.45	21.12

* "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 2014	FY 2015
Clean Air Fund (includes Air Quality and Asbestos)	\$327,333	\$273,833
Clean Water Fund (includes Water and Land Management)	\$1,836,710	\$1,713,925
Hazardous Substance Control Fund	\$54,650	\$49,900
Nontidal Wetland Compensation Fund	\$293,290	\$11,375
Oil Disaster Containment Clean Up and Contingency Fund	\$257,813	\$488,475
Recovered from Responsible Parties (under §7-221)**	\$109,616	\$151,802
Sewage Sludge Utilization Fund (This fund is now included in the Clean Water Fund)	0	0
Total	\$2,879,412	\$2,689,310

* 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 \$3,681,137.

** 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 - 2003

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

* 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 2004 - 2009

MDE Performance Measure	2004	2005	2006	2007	2008	2009
PERMITTED SITES/FACILITIES						
Number of Permits/Licenses Issued	11,264	10,799	10,737	10,455	11,463	10,043
Number of Permits/Licenses in Effect at Fiscal Year End	75,729	73,155	77,721	77,041	100,206	92,960
OTHER REGULATED SITES/FACILITIES						
Other Sites	204,873	222,673	239,612	253,715	257,744	117,421
INSPECTIONS *						
Number of Sites Inspected	43,434	43,722	55,294	47,723	44,161	44,587
Number of Inspections, Audits, Spot Checks	106,845	103,586	115,977	107,496	122,389	122,079
ENFORCEMENT ACTIONS						
Number of Compliance Assistance Actions Rendered	18,646	10,953	11,067	10,158	11,443	14,412
Number of Enforcement Actions Taken	1,856	1,395	1,946	2,004**	2,704**	2,901
PENALTIES						
Amount of Penalties Obtained (\$)***	1,781,526	1,631,054	2,803,685	2,248,131	3,970,275	6,516,601

* 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 2010 - 2015

MDE Performance Measure	2010	2011	2012	2013	2014	2015
PERMITTED SITES/FACILITIES						
Number of Permits/Licenses Issued	8,982	9,089	8,369	8,405	8,708	10,332
Number of Permits/Licenses in Effect at Fiscal Year End	93,323	92,195	92,271	92,537	78,588	69,088
OTHER REGULATED SITES/FACILITIES						
Other Sites	158,112	158,058	158,161	160,223	160,332	169,094
INSPECTIONS *						
Number of Sites Inspected	45,332	52,561	43,448	39,458	42,414	104,454
Number of Inspections, Audits, Spot Checks	124,045	129,213	122,046	118,836	126,337	183,192
ENFORCEMENT ACTIONS						
Number of Compliance Assistance Actions Rendered	21,352	21,323	21,121	18,200	20,536	16,762
Number of Enforcement Actions Taken	3,099	2,564	2,655	2,280	2,151	7,676
PENALTIES						
Amount of Penalties Obtained (\$)**	5,099,340	3,486,141	3,622,330	5,878,392	3,620,272	3,681,138

* Inspections:

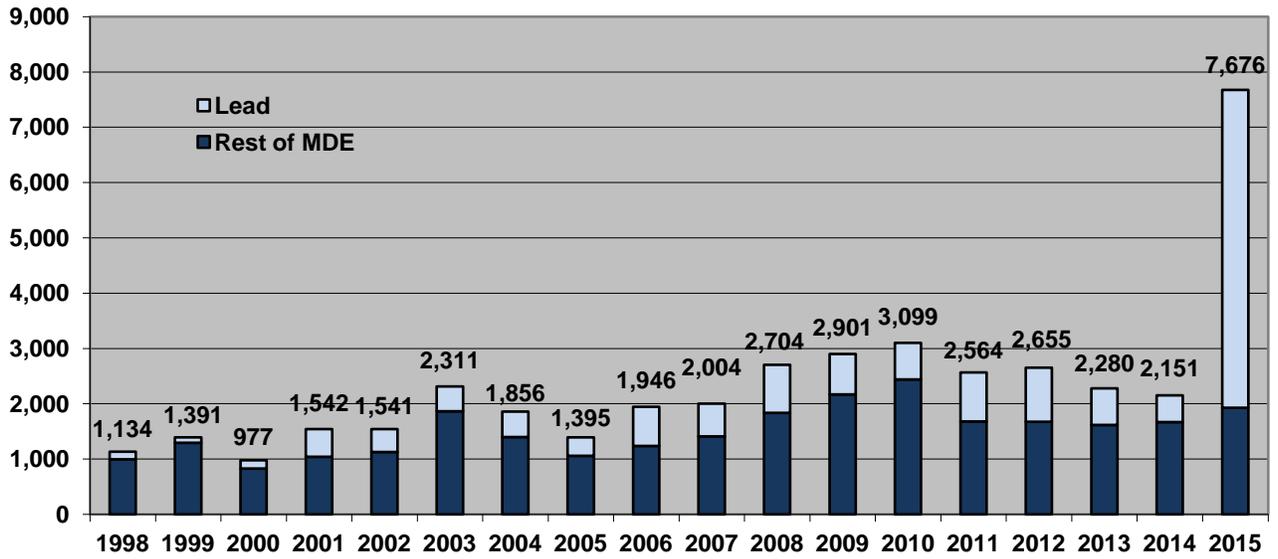
Number of Sites Inspected: The number of individual sites physically visited and inspected for compliance.

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.

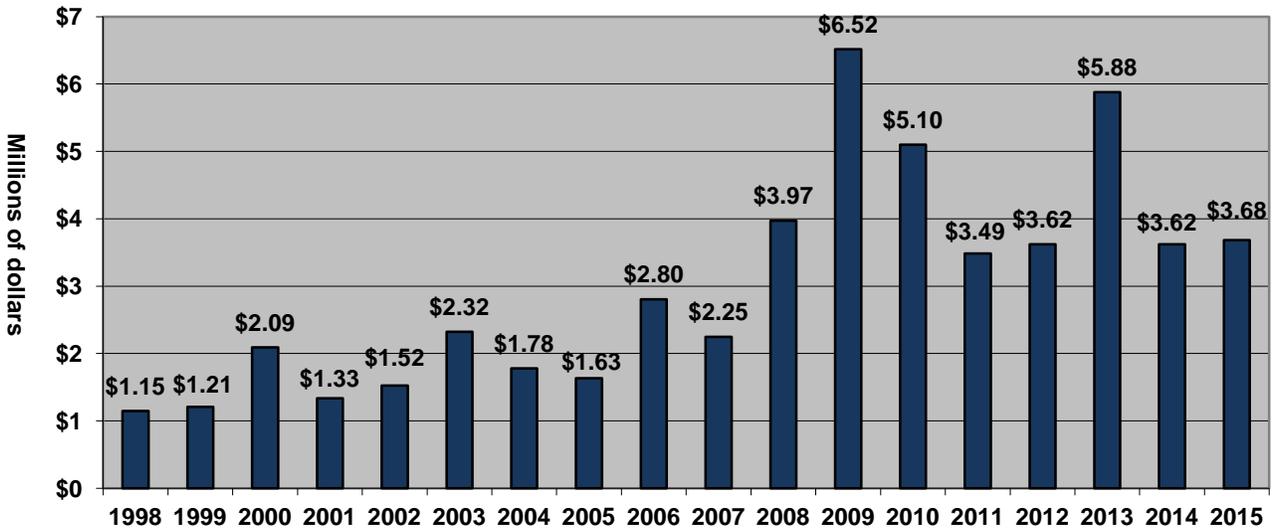
Each individual site can be inspected by several programs or by one program more than once, so the former is always less than the latter.

** 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 Enforcement Actions Taken 1998-2015



MDE Penalty Amounts (\$) Collected 1998-2015



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

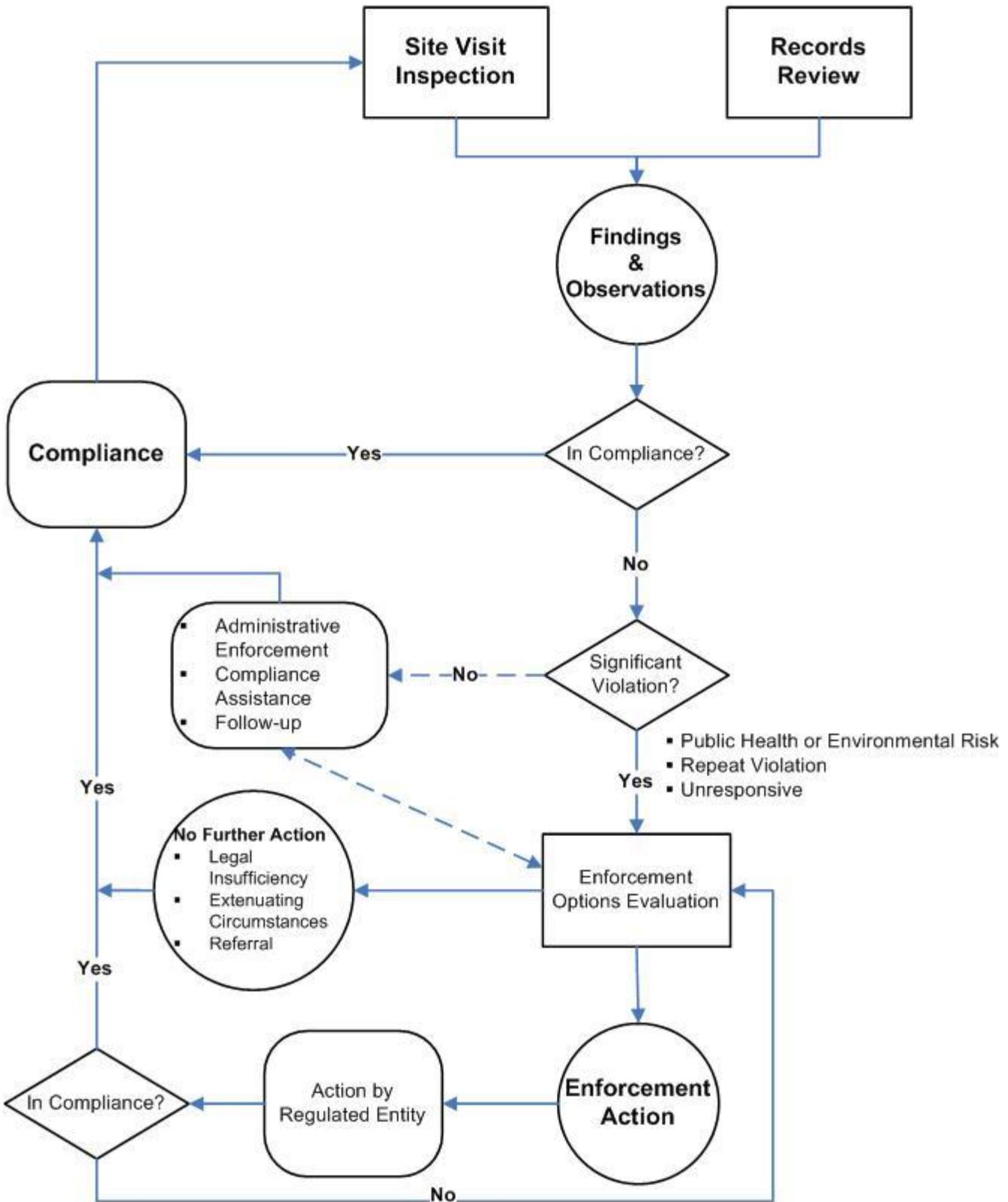
The Enforcement and Compliance Process

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 federal 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 eight SEPs during FY 2015 with a total value of \$3,594,000. These SEPs were in the Air and Radiation Management Administration, the Land Management Administration, and the Water Management 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	
	2014	2015	2014	2015
Air and Radiation Management Administration	1	1	\$31,500	\$75,000
Land Management Administration	9	5	\$1,038,000	\$104,000
Water Management Administration	2	2	\$93,750	\$3,415,000
TOTALS	12	8	\$1,163,250	\$3,594,000

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 help them come into compliance: compliance assistance and other consultations.

Compliance Assistance

One specific form of contact between businesses and MDE’s enforcement and compliance inspectors is counted in the programs’ performance measures tables under the category of “*compliance assistance.*” As an element of MDE’s enforcement 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 forms of compliance information to 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.

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 without the necessity of resorting to formal enforcement actions. 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 2015 PERFORMANCE MEASURES CHART

Performance Measure			TOTAL
1. PERMITTED SITES/FACILITIES			
2. Number of permits/licenses issued			
3. Number of permits/licenses in effect at fiscal year end			
4. OTHER REGULATED SITES/FACILITIES			
5. (other sites)			
6. (other sites)			
7. (other sites)			
8. (other sites)			
9. INSPECTIONS			
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)			
16. COMPLIANCE PROFILE			
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)			
20. SIGNIFICANT VIOLATIONS			
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)			
25. DISPOSITION OF SIGNIFICANT VIOLATIONS			
26. Resolved			
27. Ongoing			
28. ENFORCEMENT ACTIONS			
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			
35. PENALTIES			
36. Amount of administrative or civil penalties obtained (\$ collected in FY)			

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**AIR AND RADIATION MANAGEMENT
ADMINISTRATION**

Air and Radiation Management Administration

Executive Summary

The Air and Radiation Management Administration (ARMA) 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, the Program 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 2015. 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 2015 was 2,523. The Division has been challenged by the implementation of new testing requirements for asbestos workers which has reduced the number of inspections performed.

The Radiological Health Program (RHP) regulates both electronic sources of radiation and materials that are radioactive to prevent the general public 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 maintained focus on continued implementation, through the licensing and inspection process, of increased security controls for those licensees with sufficient quantities and types of radioactive materials that, if stolen, would pose a national threat; the evaluation of the radiation safety and engineering aspects of a complex 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 Management Administration
Performance Measures Executive Summary**

	<u>2014 Totals</u>	<u>2015 Totals</u>
<u>PERMITTED SITES/FACILITIES</u>		
Number of Permits/Licenses Issued	1,507	1,371
Number of Permits/Licenses in Effect at Fiscal Year End	30,453	30,482
<u>OTHER REGULATED SITES/FACILITIES</u>		
Other Regulated Sites	3,946	3,543
<u>INSPECTIONS</u>		
Number of Sites Inspected	3,609	3,424
Number of Sites Audited but Not Inspected	1,201	1,168
Number of Inspections, Audits, Spot Checks	19,166	19,315
<u>ENFORCEMENT ACTIONS</u>		
Number of Compliance Assistance Rendered	263	277
Number of Enforcement Actions Taken *	149	136
<u>PENALTIES</u>		
Amount of Administrative or Civil Penalties Obtained	\$433,298	\$482,644

* 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

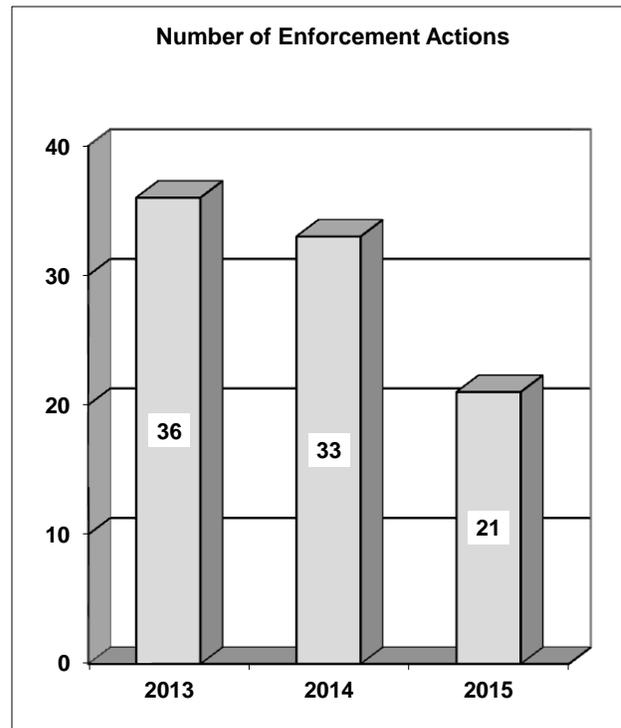
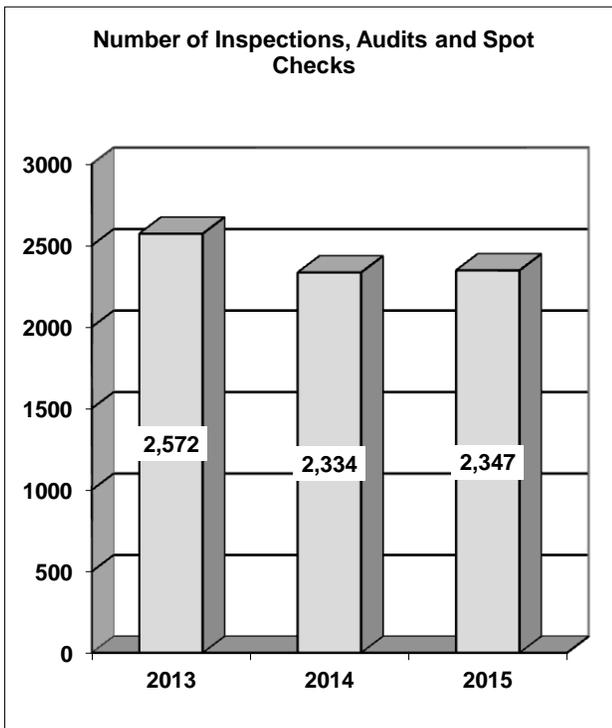
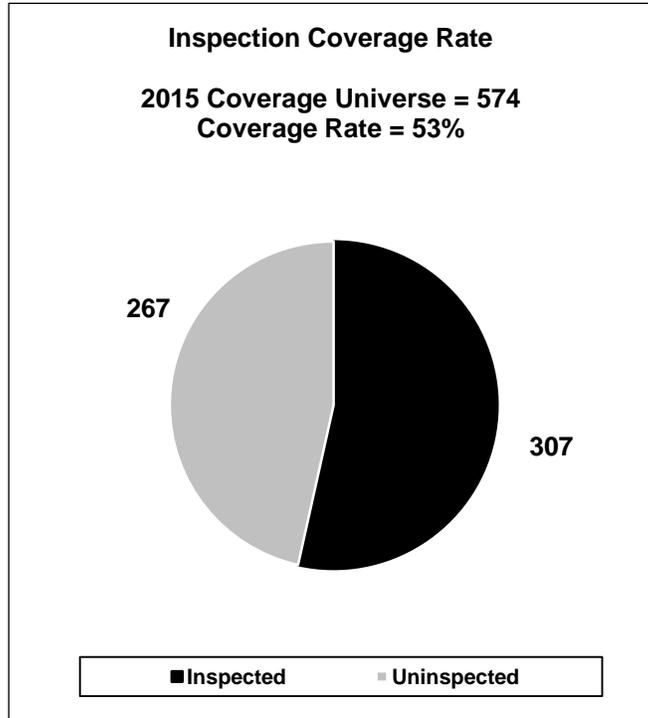
Ensuring compliance at high-impact sources continues to consume a large portion of the Air Quality Compliance Program's resources, and this focused attention contributes to the high compliance rate for this category. In addition to on-site inspections, the Program reviews compliance certifications, report submittals, stack test results, sampling results, and continuous monitoring summaries to assess compliance at regulated facilities. Challenges include addressing the growing list of air quality requirements at these large facilities with existing staff. Success has been achieved by identifying non-compliant facilities and ensuring a return to compliance.

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Ambient Air Quality Control High-Impact Facilities

Performance Measure	TOTAL
PERMITTED SITES/FACILITIES	
Number of sites/facilities	574
Number of permits/licenses issued	191
Number of permits/licenses in effect at fiscal year end	3,966
INSPECTIONS	
Number of sites inspected ("inspected" defined as at the site)	307
Number of sites audited but not inspected	187
Number of sites evaluated for compliance	494
Number of inspections, spot checks (captures number of compliance activities at sites)	766
Number of audits (captures number of reviews of file/submittals for compliance)	1,581
Number of inspections, audits, spot checks	2,347
COMPLIANCE PROFILE	
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)	53%
SIGNIFICANT VIOLATIONS	
Number of significant violations involving environmental or health impact	3
Number of significant violations based on technical/preventative deficiencies	3
Number of significant violations carried over awaiting disposition from previous fiscal year	38
Total number of significant violations	44
DISPOSITION OF SIGNIFICANT VIOLATIONS	
Resolved	15
Ongoing	29
ENFORCEMENT ACTIONS	
Number of compliance assistance rendered	42
	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	3 18 21
Number of referrals to Attorney General for possible criminal action	0
PENALTIES	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$241,500

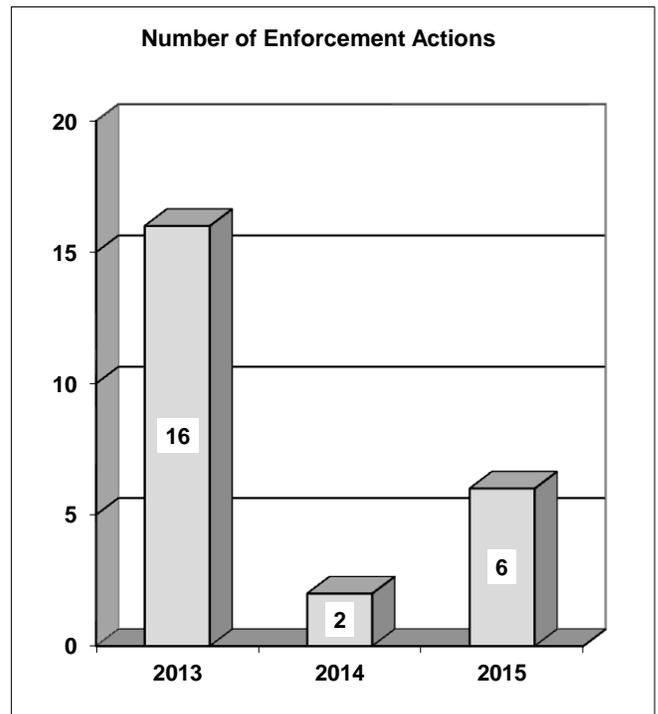
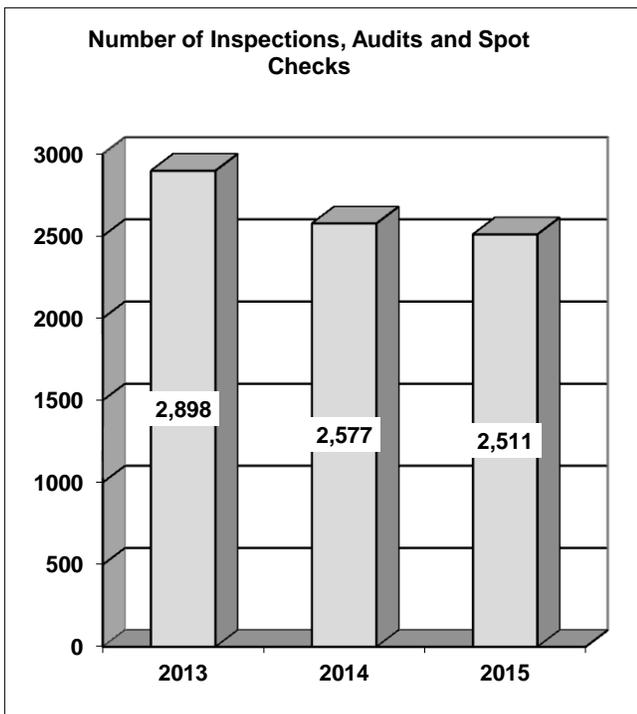
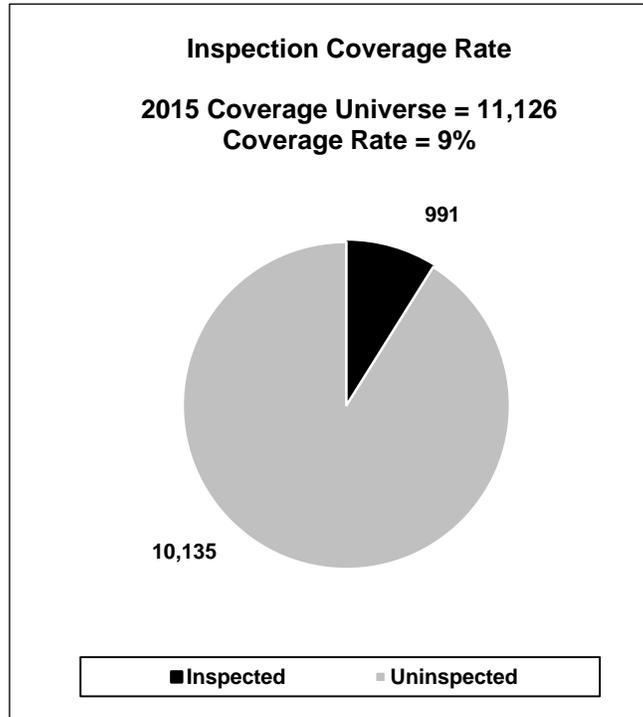
Ambient Air Quality Control High-Impact Facilities



Ambient Air Quality Control Low-Impact Facilities

Performance Measure	TOTAL
PERMITTED SITES/FACILITIES	
Number of sites/facilities	11,126
Number of permits/licenses issued	347
Number of permits/licenses in effect at fiscal year end	20,720
INSPECTIONS	
Number of sites inspected ("inspected" defined as at the site)	991
Number of sites audited but not inspected	805
Number of sites evaluated for compliance	1,796
Number of inspections, spot checks (captures number of compliance activities at sites)	1,126
Number of audits (captures number of reviews of file/submittals for compliance)	1,385
Number of inspections, audits, spot checks	2,511
COMPLIANCE PROFILE	
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%
SIGNIFICANT VIOLATIONS	
Number of significant violations involving environmental or health impact	2
Number of significant violations based on technical/preventative deficiencies	5
Number of significant violations carried over awaiting disposition from previous fiscal year	3
Total number of significant violations (sum of the three measures above)	10
DISPOSITION OF SIGNIFICANT VIOLATIONS	
Resolved	3
Ongoing	7
ENFORCEMENT ACTIONS	
Number of compliance assistance rendered	45
	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	4 1 5
Number of referrals to Attorney General for possible criminal action	0
PENALTIES	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$1,500

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. After investigation, some complaints reveal no basis for potential harm to the environment or public health, but will be addressed to reduce nuisance conditions to neighbors or communities.

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.

SUCSESSES /CHALLENGES

The Air Quality Compliance Program received over 400 complaints in FY 2015. The Program responds to all complaints by telephone, prioritizing those that merit a field inspection. Some complaint situations needed 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.

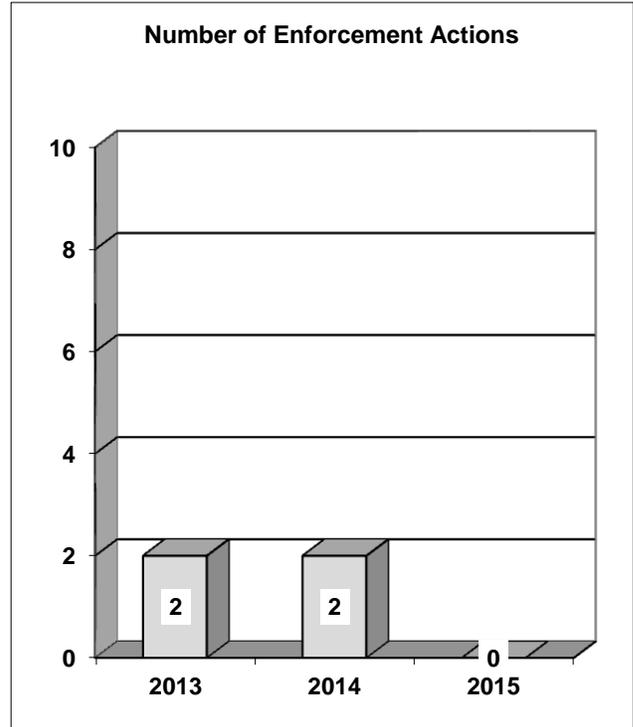
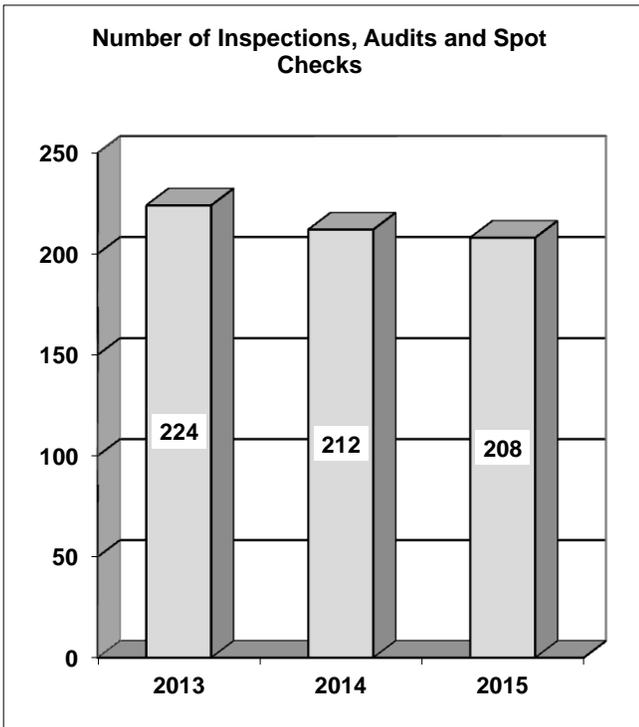
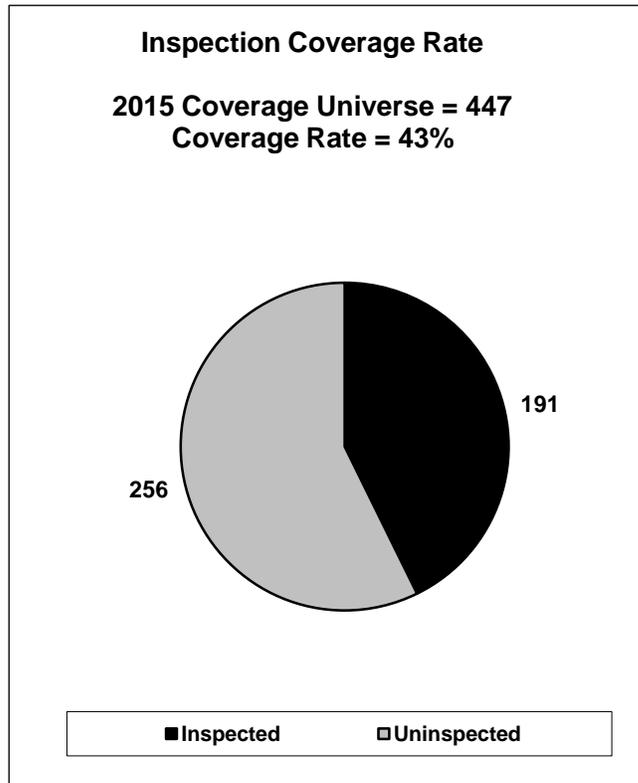
Many complaints are successfully resolved by the Program leading to improved quality of life for Maryland citizens. However some complaint situations can be challenging due to the sporadic nature of the problem, leading to difficulty in locating the source.

Air Quality Complaints

Performance Measure	TOTAL
PERMITTED SITES/FACILITIES	
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
OTHER REGULATED SITES/FACILITIES	
Complaints received at all sites	447
Complaints received at unregistered/unpermitted sites	354
INSPECTIONS	
Number of unregistered/unpermitted sites inspected ("inspected" defined as at the site)	132
Number of inspections, spot checks at unregistered/unpermitted sites (captures number of compliance activities at sites)	208
Number of initial complaint inspections at all sites*	191
COMPLIANCE PROFILE	
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)	43%
SIGNIFICANT VIOLATIONS	
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
DISPOSITION OF SIGNIFICANT VIOLATIONS	
Resolved	0
Ongoing	1
ENFORCEMENT ACTIONS	
Number of compliance assistance rendered	6
	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	1
PENALTIES	
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 Department 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 Department will determine whether the project is required to meet federal safety 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

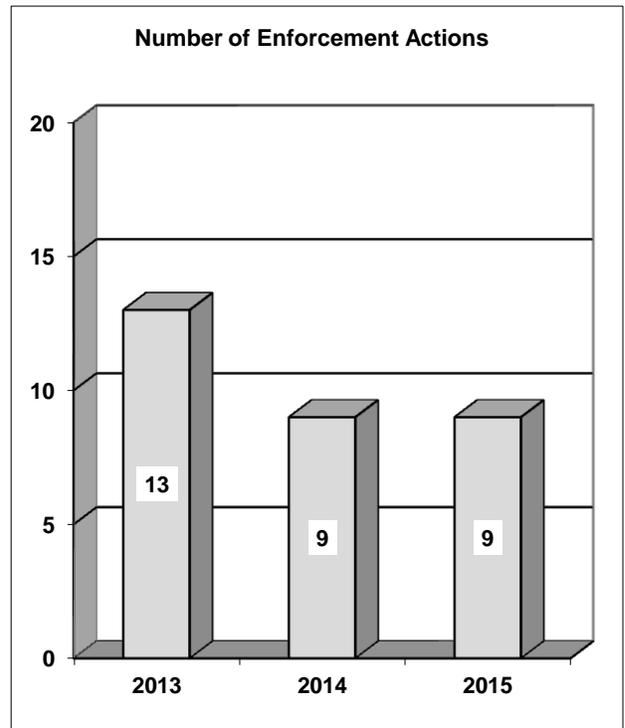
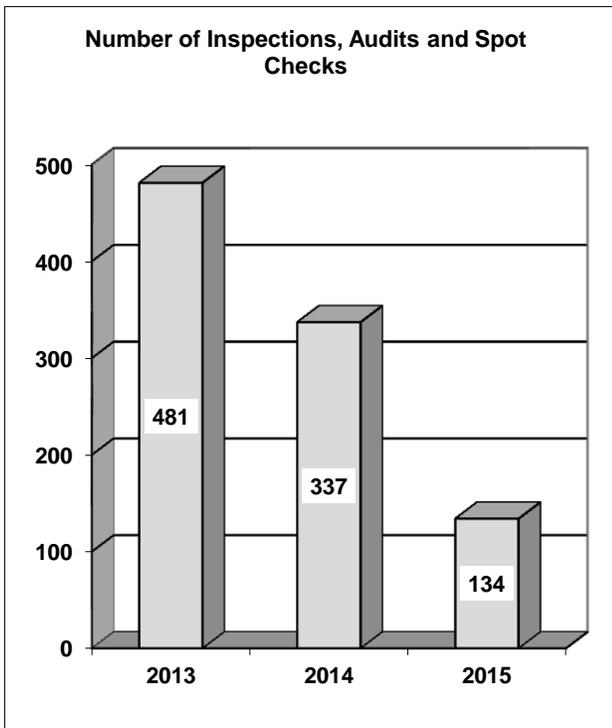
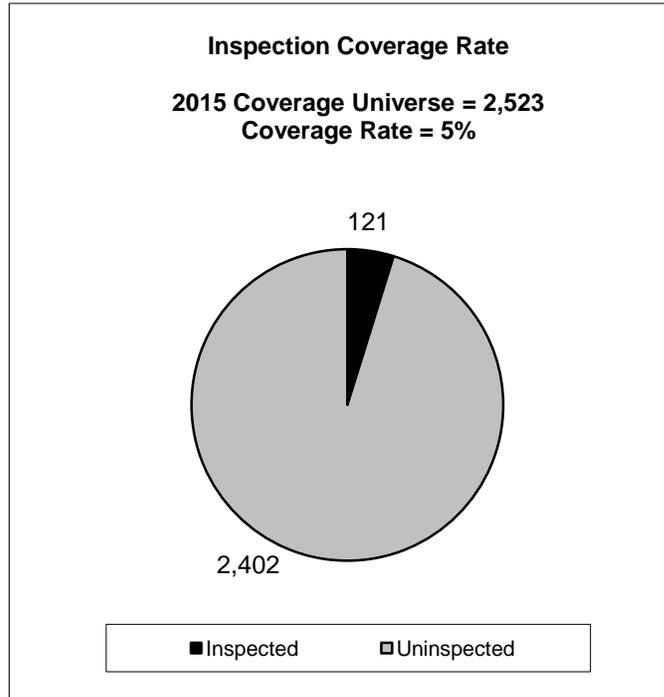
Contractors intending to abate asbestos are required to notify MDE. MDE inspects as many of these projects as possible, generally focusing on the more substantial projects. In FY 2015, the Asbestos Division inspected about 5% of sites that provided notification to MDE.

In FY 2015, the number of sites inspected and the number of inspections continues to remain below previous levels due to the staff resources needed to implement the 2013 law requiring third-party testing for asbestos workers.

Asbestos

Performance Measure	TOTAL																								
PERMITTED SITES/FACILITIES																									
Number of permits/licenses issued (Asbestos Contractor Licenses)	155																								
Number of permits/licenses in effect at fiscal year end	155																								
OTHER REGULATED SITES/FACILITIES																									
Number of asbestos notifications received	2523																								
INSPECTIONS																									
Number of sites inspected (“inspected” defined as at the site)	121																								
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)	121																								
Number of inspections, spot checks (captures number of compliance activities at sites)	134																								
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)	134																								
COMPLIANCE PROFILE																									
Number of inspected sites/facilities with significant violations	14																								
Percentage of inspected sites/facilities with significant violations	12%																								
Inspection coverage rate (number of sites inspected/coverage universe)	5%																								
SIGNIFICANT VIOLATIONS																									
Number of significant violations involving environmental or health impact	44																								
Number of significant violations based on technical/preventative deficiencies	0																								
Number of significant violations carried over awaiting disposition from previous fiscal year	44																								
Total number of significant violations (sum of the three measures above)	88																								
DISPOSITION OF SIGNIFICANT VIOLATIONS																									
Resolved	42																								
Ongoing	46																								
ENFORCEMENT ACTIONS																									
Number of compliance assistance rendered	8																								
	<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;">9</td> <td style="text-align: center;">0</td> <td style="text-align: center;">9</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	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	9	0	9	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	9	0	9																						
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	9	0	9																						
Number of referrals to Attorney General for possible criminal action			0																						
PENALTIES																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$24,000																								

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. These electronic radiation sources include dental and veterinary x-ray machines, mammography (breast imaging) machines, diagnostic and therapeutic radiation machines, and other electronic radiation devices such as security screening devices used in research or industry.

State regulations, which derive in part from U.S. Food and Drug Administration (FDA) statutory and regulatory directives and guidelines, 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. There continues to be a growing awareness in the health community that human health impacts from radiation machine procedures are on the rise due to the increased use of radiation for diagnosis and therapy. To some degree, x-ray imaging has replaced procedures that do not require radiation, such as ultrasound or magnetic resonance, causing the general public to increase their 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 while mammography inspection reports are provided to the FDA for follow-up enforcement actions, 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 the 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 below.

SUCSESSES/CHALLENGES

The number of enforcement actions against dental facilities continues to fall significantly below the level seen in the latter part of the previous decade due to a state law that took effect on June 1, 2010. The change provides that if dental facilities correct violations of regulatory requirements within twenty working days of an inspection, the Department is prevented from assessing a financial penalty for those violations found at the time of the inspection, unless they are deemed to present a serious and probable danger to the patients or employees of a dental facility. This statutory restriction significantly limits the Department's ability to aggressively pursue improved compliance. The dental compliance rate continues to be well below the average for other regulated entities across the Department.

Medical facilities continue to have a high rate of compliance. A contributing factor to the increased compliance is believed to be the regulatory requirement that all radiation machines be maintained according to manufacturer specifications. All radiation machine facilities are now 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. In January 2013, the RHP started issuing a Notice of Violation (NOV) to any facility that failed to maintain a radiation machine. Follow-up enforcement action is being taken as warranted. In FY 2015, enforcement actions were consistent with the prior fiscal year due to facilities not fully meeting their requirements to periodically maintain their machines. The preventive maintenance reviews are counted as audits which consisted of reviewing over 9,000 service generated preventive maintenance reports.

In July 2014, the RMD initiated cross training of two registration and certification staff members to perform dental inspections. This training took about 6-8 months to complete since the two members had to maintain their established level of proficiency in their current job duties due to constant and consistent input. The RMD is in the process of extending this cross training to staff members in other sections within the RHP program. The RMD has replaced the old Paradox database system with a new database that houses all of the radiation machines information in one location, making it a more efficient system. The new database has reduced the length of the time for shielding, inspection confirmation, and registration letters to be generated, since the database can automatically produce the letter. The database is continually being reviewed and upgraded on an as needed basis to ensure optimal efficiency for the staff members. In 2014, the RMD started the process of linking the field inspection reporting system (FIRS) to the main RMD database. This will allow field inspectors to input information into FIRS which will then automatically populate the main database, giving rise to greater accuracy. This project is in its final stages and will be reviewed by management and training will be given to all inspectors. In December 2014, the RMD started the process with NIC in developing online acceptance of registration payment and documents. This system will be user friendly to the registrants and will reduce the volume of paperwork since most of the documents can be submitted on-line.

Whenever a misadministration or an overexposure at a registered facility occurs, the RMD attends a series of radiation safety meetings held by the facility. These meetings are

mandated by a Departmental Order or Settlement Agreement and provide a forum to address public health concerns and improve radiation safety procedures.

The chart below shows the types of facilities regulated and the frequency at which they are inspected. For clarity, please 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, 77 certified tubes	Annual
Hospitals	62 facilities, 1,294 certified tubes	Biennial
Physicians: Chiropractic, MD, GP, Podiatric	1,257 facilities, 1,892 certified tubes	Biennial
Industrial	317 facilities, 646 certified tubes	Triennial
Dental	2,821 facilities, 10,002 tubes	Triennial
Veterinary	459 facilities, 655 tubes	Triennial
Mammography	137 facilities, 199 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.

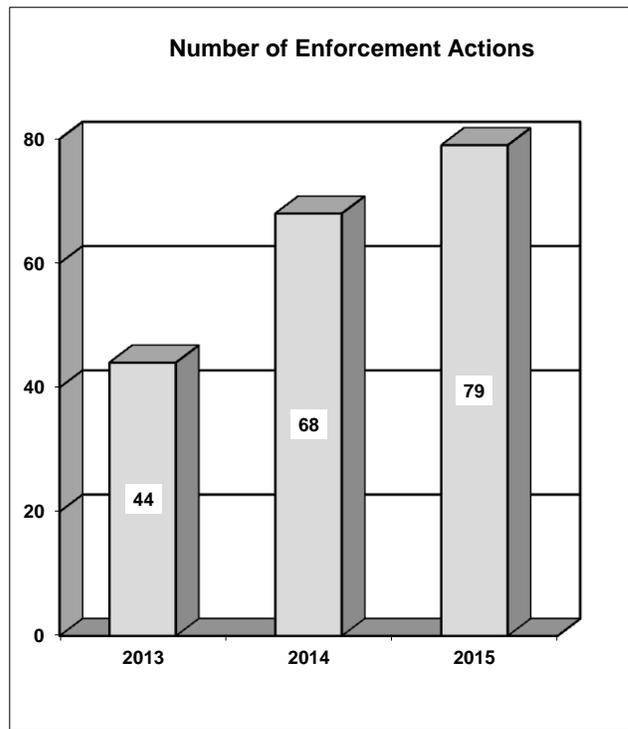
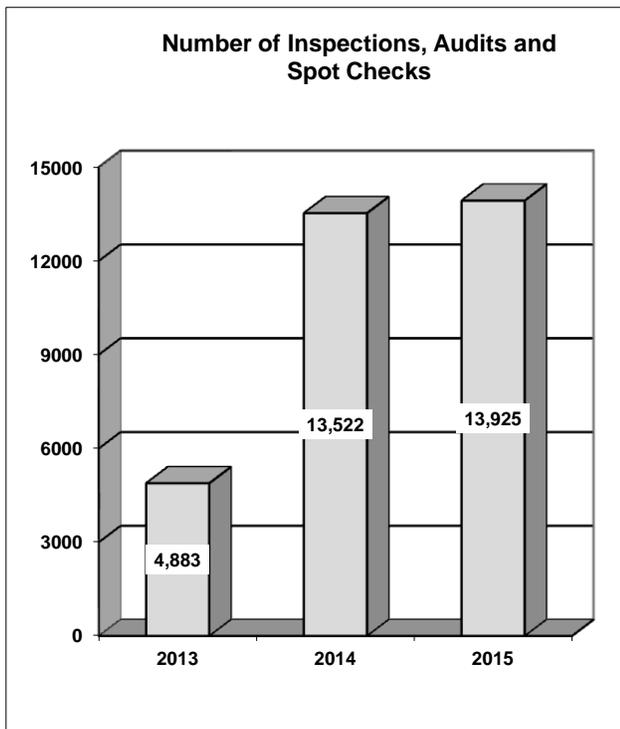
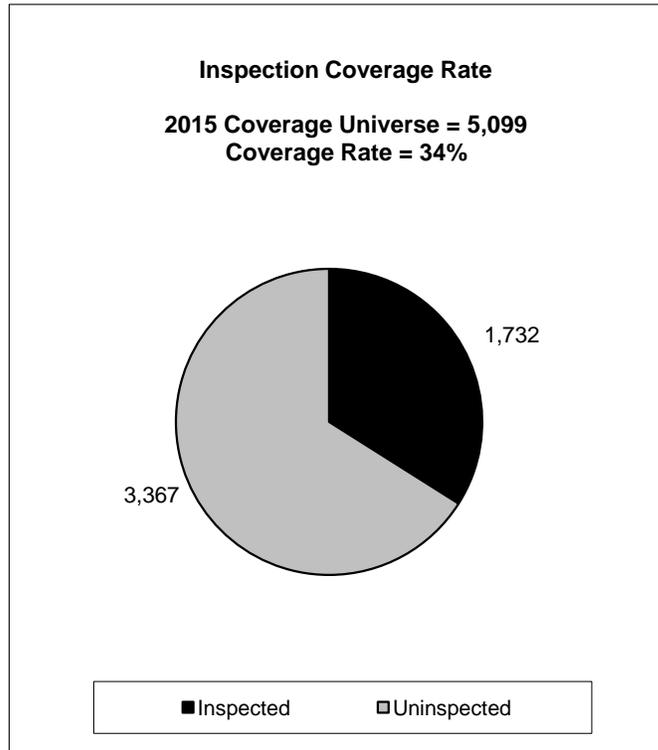
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Radiation Machines

Performance Measure	TOTAL		
PERMITTED SITES/FACILITIES			
Number of new facility registrations issued	279		
Number of facility registrations in effect at fiscal year end	5,099		
OTHER REGULATED SITES/FACILITIES			
Number of service companies registered at fiscal year end	271		
Number of licensed private inspectors at fiscal year end	77		
Number of plan review or area surveys reviewed at fiscal year end	176		
INSPECTIONS			
Number of sites inspected (“inspected” defined as at the site)	1,732		
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site) (shielding reviews)	176		
Number of sites evaluated for compliance (sum of the two measures above)	1,908		
Number of inspections, spot checks (captures number of compliance activities at sites)	4,625		
Number of audits (captures number of reviews of file/submittals for compliance)	9,300		
Number of inspections, audits, spot checks (sum of the two measures above,)	13,925		
COMPLIANCE PROFILE			
Number of inspected sites/facilities with significant violations	312		
Percentage of inspected sites/facilities with significant violations	18%		
Inspection coverage rate (number of sites inspected/coverage universe) *	34%		
SIGNIFICANT VIOLATIONS			
Number of significant violations involving environmental or health impact	0		
Number of significant violations based on technical/preventative deficiencies	662		
Number of significant violations carried over awaiting disposition from previous fiscal year**	99		
Total number of significant violations (sum of the three measures above)	761		
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved	707		
Ongoing	54		
ENFORCEMENT ACTIONS			
Number of compliance assistance rendered	0		
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	3	2	5
Number of stop work orders	2	0	2
Number of injunctions obtained	5	0	5
Number of penalty and other enforcement actions	67	0	67
Number of referrals to Attorney General for possible criminal action			
PENALTIES			
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$189,437.50		

* 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 Division



Radioactive Materials Licensing and Compliance

PURPOSE

The Radioactive Materials Licensing and Compliance Division (RAMLCD) issues licenses to, and inspects, hospitals, cancer treatment and diagnostic imaging centers, private medical practices, construction, research and development firms, academic institutions, nuclear pharmacies, and manufacturers and distributors of sealed sources and devices (SS&D). Regulation of the use, handling, and control of both generally-licensed and specifically-licensed radioisotopes is mandated to protect the health and safety of radiation workers and the general public as well as minimize environmental contamination. Facility radiation safety programs and authorized activities are evaluated during the licensing and inspection process to confirm a strong radiation safety culture and to establish compliance with Maryland ionizing radiation regulations in such areas as security of radioactive material; training of personnel; possession of adequate protective devices; and control of radiation hazards. The RAMLCD is the primary State responder to public hazards involving radioactive material, such as transportation incidents or any other incidents involving loss of control of radioactive material in a Maryland jurisdiction. 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 of certain types of facilities possessing 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. RHP is one of the primary State responders should there be a radiation incident at a fixed nuclear facility with potential impact to Maryland residents. The RAMLCD additionally evaluates new and modified devices containing sealed radiation sources submitted by Maryland companies for radiation safety and engineering reliability prior to the issuance of SS&D Certifications.

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 52 types of radioactive material use in accordance with established guidance. The RAMLCD inspects facilities for compliance with radiation regulations and adherence to license conditions and radiation safety procedures and practices. Inspections are performed over a one-to-four-day period by one inspector or a team of inspectors at a frequency based on the quantity, activity and toxicity of the radioisotope(s), the potential hazard resulting from its use, and the nature of the operation. Inspection frequency ranges from annual to every five years, with possible modification for licensees with a poor compliance history. When violations occur, corrective actions are required and are verified through several means, including possible follow-up inspections. RAMLCD also conducts investigations throughout Maryland in response to radioactive materials (RAM) incident reports, complaints, suspected violations, or unauthorized RAM use. The Division also oversees the decommissioning of previously-licensed RAM facilities, conducts safety evaluations on RAM sources and

devices, and performs pre-licensing visits to all applicants prior to the issuance of a 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 radiological technical assistance to local law enforcement.

SUCCESSSES/CHALLENGES

Successes in FY 2015 include the continued implementation of increased security controls for those licensees with sufficient quantities and types of radioactive materials, that if stolen would pose a national security threat; the evaluation of the radiation safety and engineering, and the device registration, of a complex sealed-source medical device prior to allowing the use and sale of the device across the nation; training of state and local personnel to assure statewide preparedness for a nuclear utility accident; serving on the States Preventive Radiological Nuclear Detection (PRND) Executive Committee, assisting in the implementation of policies and procedures for the State's PRND activities and radiological response capabilities regarding a threat of malicious use of radioactive material and working with the federal government to further implement the removal of large quantities of unwanted radioactive material from the state.

Challenges include the further evaluation and implementation of increased security for radioactive material in Maryland; continued outreach and education of Maryland citizens regarding the actual hazards of ionizing radiation; further implementation of preventive radiological detection in Maryland and providing new innovative and efficient solutions to the many radiation safety challenges within both the regulated community and the public domain.

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:

Inspection Frequency	Number of Licenses	Examples of License Types
Annual	8	Gamma Knife (cancer therapy) Industrial Radiography
2 Years	52	Mobile Medical Vans Academic & Medical Research Nuclear Pharmacies Remote Afterloader (cancer therapy)
3 Years	121	Hospitals Brachytherapy (cancer therapy) Medical Offices
5 Years	361	Fill/Density Gauges Nuclear Pacemakers Diagnostic Nuclear Medicine

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 hazard to users and members of the general public.

Facility radioactive material inspections are resource-intensive. Onsite facility inspection times vary from half a day with one inspector for the five-year inspection frequency, to a four-day inspection with three inspectors for certain extremely complex annual inspections.

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Radioactive Materials

Performance Measure			TOTAL
PERMITTED SITES/FACILITIES			
Number of permits/licenses issued			399
Number of permits/licenses in effect at fiscal year end			542
OTHER REGULATED SITES/FACILITIES			
Sources from other jurisdictions			49
INSPECTIONS			
Number of sites inspected ("inspected" defined as at the site) [*]			141
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)			221 ^{***}
Number of inspections, spot checks (captures number of compliance activities at sites)			190
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)			190
COMPLIANCE PROFILE			
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) ^{**}			24%
SIGNIFICANT VIOLATIONS			
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			9
Total number of significant violations (sum of the three measures above)			11
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved			11
Ongoing			0
ENFORCEMENT ACTIONS			
Number of compliance assistance rendered			176
	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	21 ^{****}	0	21
Number of referrals to Attorney General for possible criminal action			0
PENALTIES			
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$26, 206

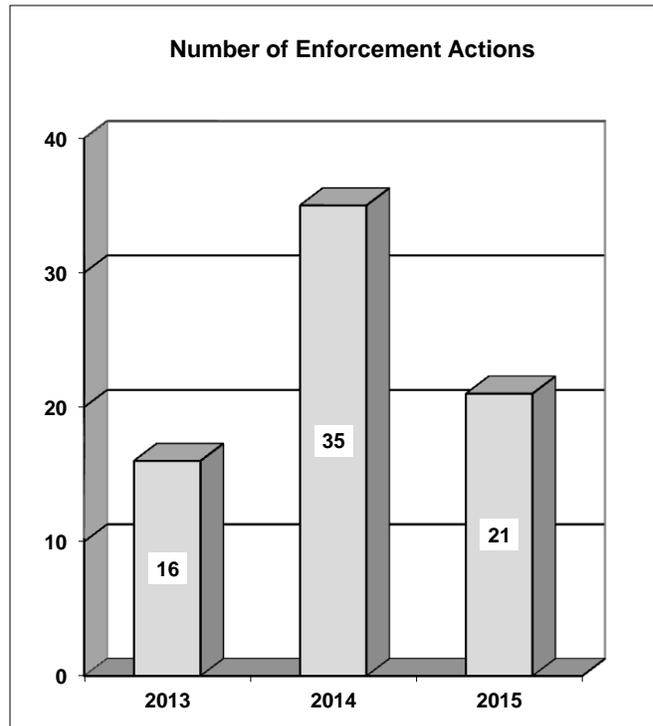
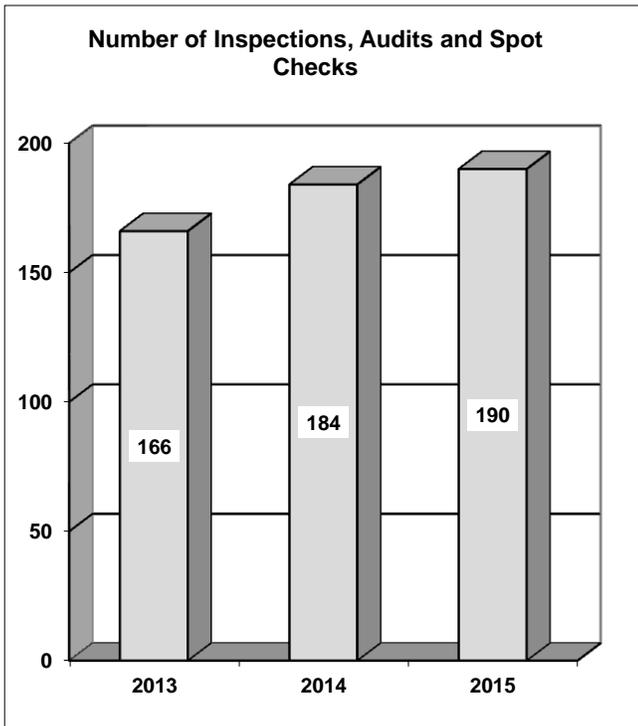
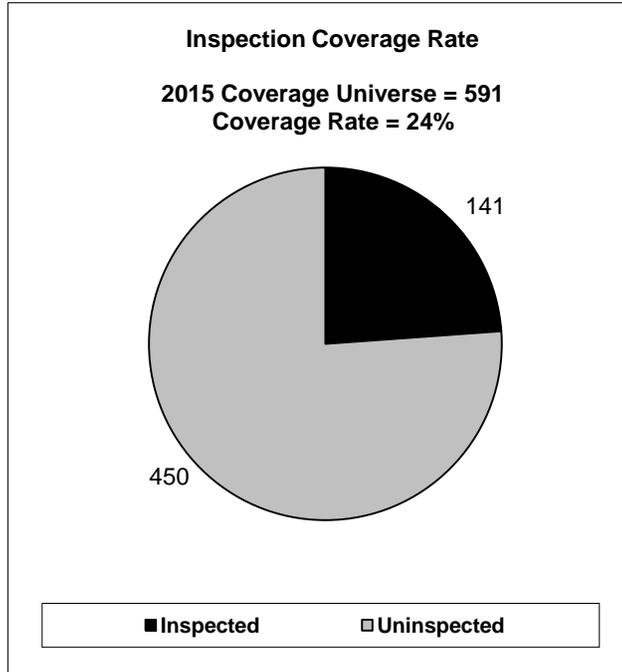
* Number of licensees inspected at least once

** 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 MANAGEMENT ADMINISTRATION

Land Management Administration

Executive Summary

The Land Management 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.

In FY 2015, LMA added Mercury Switch Recovery and Electronics Recycling to their enforcement and compliance tracking. This addition, along with the addition of properties built between 1950 and 1977 to the scope of the lead poisoning prevention laws, greatly affected numbers compared to last fiscal year.

In FY 2015, LMA overall issued 2,581 permits/registrations compared to 2,775 in FY 2014. This is a decrease of 194 permits/registrations. This small change is mostly due to typical variations in permit volumes. The Oil Control Program's Aboveground Facilities section lost one of two permit engineers, which has affected permit processing and permit turnaround for that section.

The total of permits/registrations in effect at the end of FY 2015 for LMA increased slightly to 9,065 from 8,970 in FY 2014. This increase is mainly due to the addition of Electronics Recycling.

The number of "other regulated sites" increased overall for LMA by 9,638 in FY 2015. In FY 2015, 161,902 other sites were regulated, compared to 152,264 in FY 2014. In addition to the Mercury Switch Recovery and Electronics Recycling regulated entities, there was also an increase in the number of Hazardous Waste Generators. In the last two years, many retail stores (Wal-Mart, CVS, etc.) have been required to obtain a generator identification number due to their management of waste pharmaceuticals. Most of the increase is due to the increased universe of the lead rental registry.

The Lead Poisoning Prevention Program had the largest increase in inspections, which was a result of an increase in the reported inspections by MDE-accredited lead inspectors. Effective January 1, 2015 the definition of an affected property expanded to include properties built between 1950 and 1977. This change resulted more than 62,000 additional inspections. With the addition of Mercury Switch Recovery and Electronics Recycling programs, sites inspected increased by 186% in FY 2015 from FY 2014.

The number of sites audited but not inspected increased to 3,889 in FY 2015 for LMA compared to 3,670 in FY 2014. This is an increase of 219 audits. The Scrap Tire Unit saw the largest increase due to being fully staffed.

The number of inspections, audits and spot checks performed in LMA increased 123% in FY 2015. This is an increase of 64,928. The Lead Poisoning Prevention Program had the largest

increase. This is due to vacancies being filled and the increase in MDE-accredited lead inspections for the Lead Poisoning Prevention program due to the expanded definition of an affected property on January 1, 2015.

The increase in enforcement actions is mainly due to an initiative of the Lead Rental Registry section to review the registration history of rental properties in support of the Department's ongoing efforts to reduce childhood lead poisoning as well as to respond to a legislative audit finding. During FY 2015 the section began issuing Notices of Violation (NOV) to property owners who did not renew their property registration in 2012. More than 5,000 NOVs were issued by the Lead Rental Registry section.

In FY 2015, LMA collected \$1,536,586 in penalties, which was an increase of \$452,433 from FY 2014. In FY 2015, Lead Rental Registry section started collecting penalties from owners who did not renew property registrations in 2012 which accounted for \$275,406 of the increase.

LMA continues to oversee the removal of scrap tires from illegal stockpiles across Maryland. At the end of FY 2015, there were 53 stockpiles with an estimated 369,129 tires remaining to be removed. One site, with an estimated 214,400 tires, has been scheduled for cleanup during FY 2016 using State funds.

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 Management Administration
Performance Measures Executive Summary**

	<u>2014 Totals</u>	<u>2015 Totals</u>
<u>PERMITTED SITES/FACILITIES</u>		
Number of Permits/licenses Issued	2,775	2,581
Number of Permits/Licenses in Effect at Fiscal Year End	8,970	9,065
<u>OTHER REGULATED SITES/FACILITIES</u>		
Other Sites	152,264	161,902
<u>INSPECTIONS</u>		
Number of Sites Inspected	33,588	95,947
Number of Sites Audited but Not Inspected	3,670	3,889
Number of Inspections, Audits, Spot Checks	52,705	117,633
<u>ENFORCEMENT ACTIONS</u>		
Number of Compliance Assistance Rendered	11,491	9,591
Number of Enforcement Actions Taken	868	6,352
<u>PENALTIES</u>		
Amount of Administrative or Civil Penalties Obtained	\$1,084,153	\$1,536,586

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 Site (Appendix H) or the Brownfield Master Inventory List - Archive Sites (Appendix I). The Brownfield Master Inventory List is available on MDE'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

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, determined hazardous waste is present, and shall use State funds 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).

SUCCESSSES/CHALLENGES

MDE 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 includes sites on the federal CERCLIS and on EPA's Archive list. This list included sites that meet the brownfields definition. MDE also maintained a Site-Specific Assessments list, otherwise known as the State "Non-Master List" of sites.

In FY 2013, MDE transitioned to the BMI. The BMI list serves as the tool for tracking new and closed sites. As of June 26, 2015, there were 726 active sites and 733 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 and the federal Toxic Substances Control Act or Maryland's Solid Waste Management 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 also addresses ten Federal NPL sites, produced fifteen federally-funded screening reports, and conducted two preliminary assessments, six combined preliminary assessment / site investigations, one site investigation, three expanded site investigations, three Formerly Used Defense Sites (FUDS) preliminary assessments, and one FUDS site investigation during FY 2015.

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 implemented by MDE's Land Management Administration (LMA) 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, 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 MDE 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. During these inspections, compliance is evaluated by Solid Waste Program compliance and enforcement staff against all applicable hazardous waste regulatory requirements.

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.

SUCSESSES/CHALLENGES

During FY 2015, the SWP's Compliance Division inspected 314 sites, which was a decrease from 346 sites in FY 2014. However, the total number of inspections, audits and spot checks increased to 594 in FY 2015 from 564 in FY 2014.

The inspection coverage rate slightly decreased to 2.3% in FY 2015 versus 2.6% in FY 2014. The slight drop in inspection rate was due the number of hazardous waste generators in FY 2015 increasing to 13,644 from 13,293 in FY 2014.

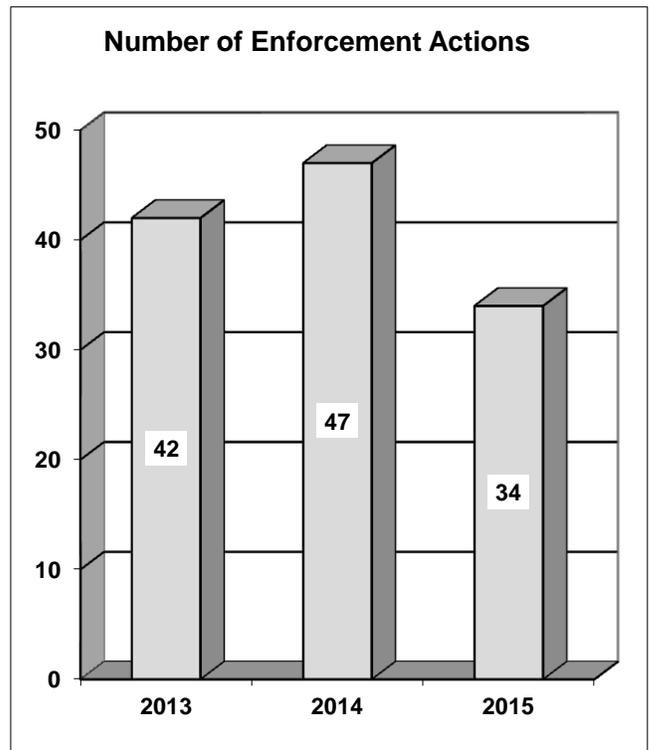
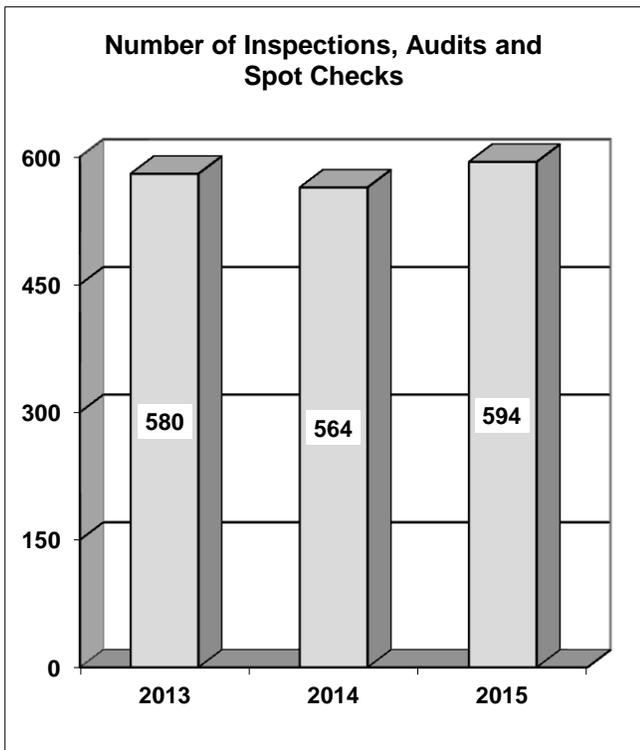
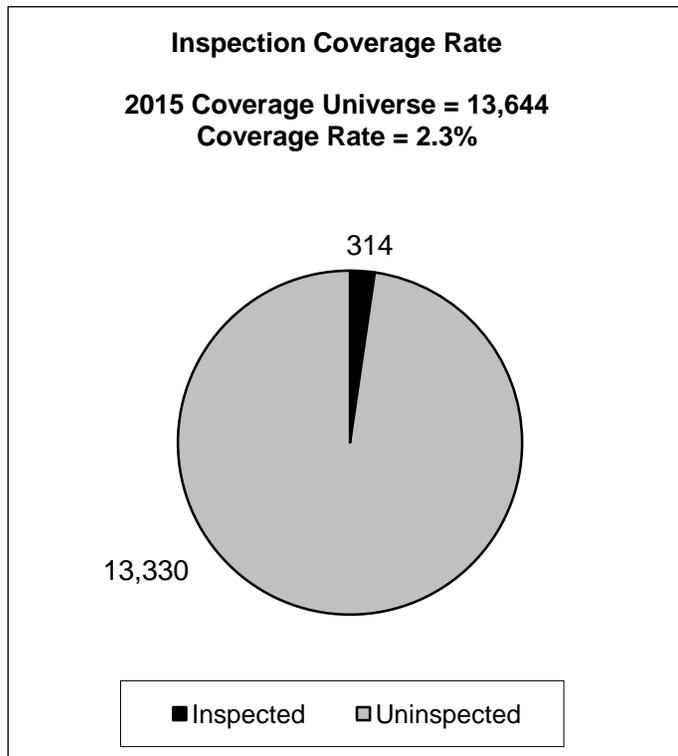
There was an increase in Hazardous Waste Generators. In the last two years, many retail stores (Wal-Mart, CVS and etc.) have been required to obtain a generator identification number due to their management of waste pharmaceuticals.

The SWP's Compliance Division is now fully staffed, however, the challenge remains that the Division only has five full time inspectors for the entire State of Maryland.

Hazardous Waste

Performance Measure	TOTAL																								
PERMITTED SITES/FACILITIES																									
Number of permits/registrations issued	2																								
Number of permits/registrations in effect at fiscal year end	22																								
OTHER REGULATED SITES/FACILITIES																									
Hazardous waste generators	13,644																								
New EPA ID numbers Issued	318																								
INSPECTIONS																									
Number of sites inspected (“inspected” defined as at the site)	314																								
Number of sites receiving off-site audits and record reviews, but not inspected	51																								
Number of sites evaluated for compliance (sum of the two measures above)	365																								
Number of inspections, spot checks (captures number of compliance activities at sites)	547																								
Number of off-site audits (captures number of reviews of file/submittals for compliance)	47																								
Total number of inspections, audits and spot checks	594																								
COMPLIANCE PROFILE																									
Number of inspected sites/facilities with significant violations	19																								
Percentage of inspected sites/facilities with significant violations	6%																								
Inspection coverage rate (number of sites inspected/coverage universe)	2.3%																								
SIGNIFICANT VIOLATIONS																									
Number of significant violations involving environmental or health impact	19																								
Number of significant violations based on technical/preventative deficiencies	40																								
Number of significant violations carried over awaiting disposition from previous fiscal year	89																								
Total number of significant violations (sum of the three measures above)	148																								
DISPOSITION OF SIGNIFICANT VIOLATIONS																									
Resolved	124																								
Ongoing	24																								
ENFORCEMENT ACTIONS																									
Number of compliance assistance rendered	8																								
	<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: 25%;">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;">34</td> <td style="text-align: center;">0</td> <td style="text-align: center;">34</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	34	0	34	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	34	0	34																						
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	34	0	34																						
Number of referrals to Attorney General for possible criminal action			0																						
PENALTIES																									
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$49,900																						

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 children with elevated blood lead levels (greater than or equal to 10 micrograms per deciliter), 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

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 MDE, 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 MDE 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. MDE 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 MDE tracking numbers for the purpose of registration, inspections, certification and annual renewals of affected properties.

SUCCESSSES/CHALLENGES

Lead data is collected on a calendar-year basis. During CY 2014 a total of 109,031 (20.7%) children were tested from a universe of 527,304 children 0-72 months of age. This was a decrease of 1,051 children tested compared to 110,082 (21.2%) children tested of a population of 518,864 in CY13. The population of children 0-72 months of age increased from CY13 to CY14 by 8,440 children.

Of those 109,031 children tested in CY14, a total of 355 (0.3%) were identified with a venous or capillary blood lead level \geq 10 micrograms per deciliter ($\mu\text{g}/\text{dL}$). This was a decrease of 16 children compared to 371 (0.3%) during CY13. Children identified with a first-time venous or

capillary blood lead level ≥ 10 $\mu\text{g/dL}$ during CY14 totaled 262 (0.2%). This was a decrease of 42 children with a new incidence case compared to 304 (0.3%) in CY13.

The number of compliance inspections performed by MDE inspectors increased from 2,530 in FY 2014 to 2,650 in FY 2015. The slight increase was a direct result of the program having hired four new inspectors during the last quarter of FY 2015. 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 22% in FY 2014 to 64% in FY 2015. The increase in the coverage rate was a result of a change in the definition of an affected property. The number of units inspected by third-party inspectors increased significantly as property owners attempted to meet the lead-free exemption of the law, or to meet the newly-required Risk Reduction Standards for properties built between 1950 and 1978. 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 MDE.

The January 1, 2015, change in the law defining “affected property”, adding properties built between 1950 and 1977, has been a huge challenge for TSOP’s Lead Rental Registry Section. The number of rental homes that the section is responsible for registering has tripled.

A success for TSOP’s Lead Rental Registry Section is an increase in the number of properties registered. The Lead Rental Registry Section began an initiative to research properties that were required to register during 2012. If the property was not registered the Section issued a Notice of Violation (NOV). This resulted in over 5,000 NOVs issued and over \$275,000 collected in penalties. The initiative was undertaken to support the Department’s ongoing efforts to further reduce childhood lead poisoning as well as to respond to a legislative audit finding, and will continue to look at properties from 2012 through the current year.

Lead Poisoning Prevention

Performance Measure			TOTAL
PERMITTED SITES/FACILITIES			
Number of permits/registrations issued (accreditations)			1,079
Number of permits/registrations (accreditations) in effect at fiscal year end			2,472
OTHER REGULATED SITES/FACILITIES			
Number of registrations processed			35,147
Number of units registered as of end of FY			142,904
INSPECTIONS			
Number of sites inspected ("inspected" defined as at the site)			
By accredited lead paint service providers			89,482
By MDE			2,650
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)			14
Number of sites evaluated for compliance (sum of the three measures above)			92,146
Number of inspections, spot checks (captures number of compliance activities at sites)			
By accredited lead paint service providers			89,842
By MDE			3,131
Number of audits (captures number of reviews of file/submittals for compliance)			14
Number of inspections, audits, spot checks (sum of the three measures above)			92,627
COMPLIANCE PROFILE			
Number of inspected sites/facilities with significant violations			216
Percentage of inspected sites/facilities with significant violations **			8%
Inspection coverage rate (number of sites inspected/coverage universe) ***			64%
SIGNIFICANT VIOLATIONS			
Number of significant violations involving environmental or health impact			286
Number of significant violations based on technical/preventative deficiencies			0
Number of significant violations carried over awaiting disposition from previous fiscal year			701
Total number of significant violations (sum of the three measures above)			987
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved			594
Ongoing			393
ENFORCEMENT ACTIONS****			
Number of compliance assistance rendered			77
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	176	0	176
Number of stop work orders	0	0	0
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	5,572	0	5,572
Number of referrals to Attorney General for possible criminal action			3
Number of SEPs entered into / units affected			5/9
PENALTIES			
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$761,793

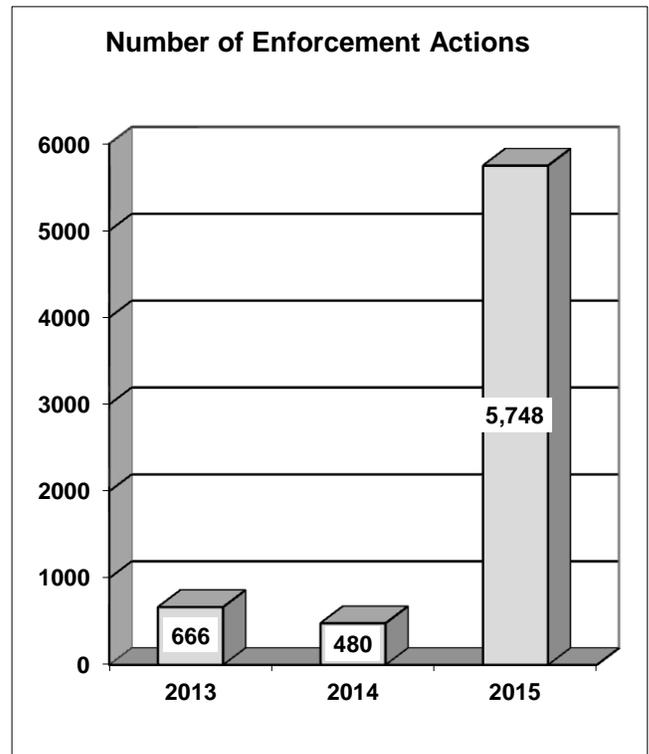
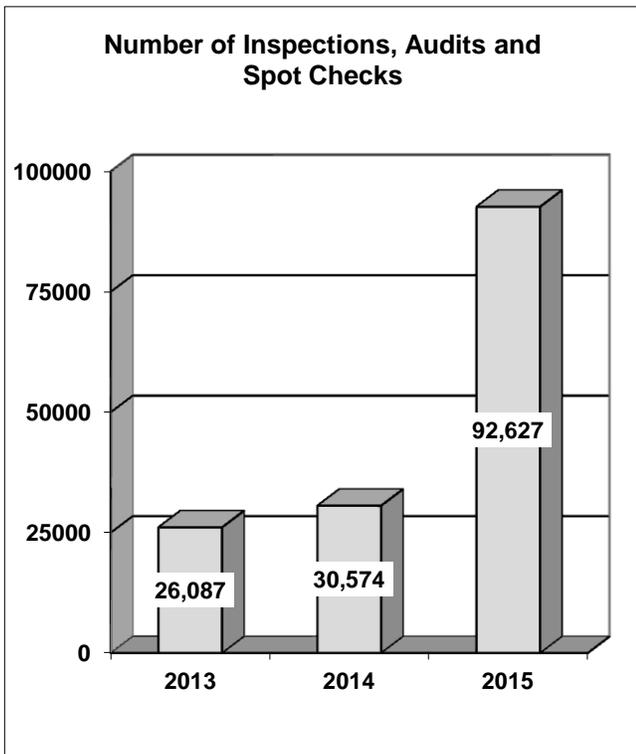
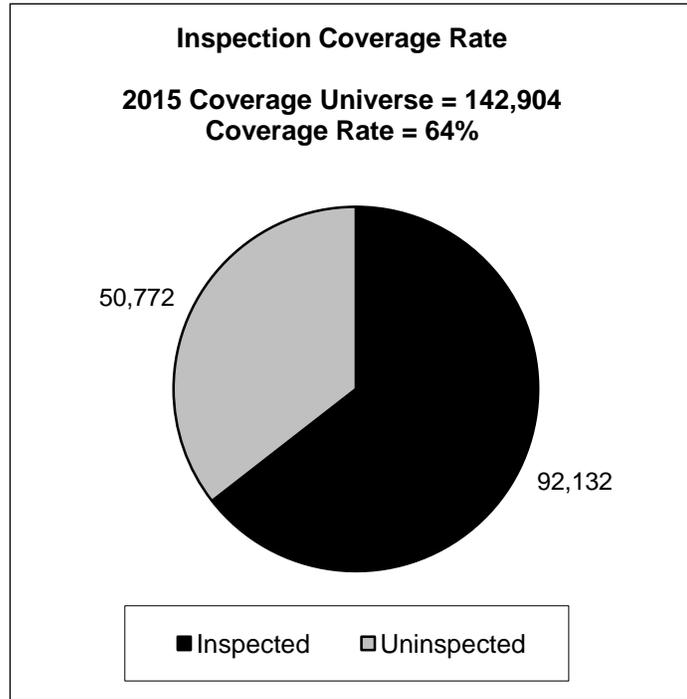
* This total number also includes government fee exempt units.

** 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. OCP issues permits and performs oversight of aboveground storage facilities, transportation facilities, and oil-contaminated soil treatment facilities. Permits are also issued by OCP for the discharge of treated oil-contaminated water. In addition, 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 Operation 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 MDE 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 combination of compliance assistance, permit application review, and enforcement continues to result in good management of aboveground storage tanks containing petroleum. Permit application reviews and permit site visits continue to reveal opportunities for compliance assistance to prevent releases to the environment or other emergencies at a facility.

The number of aboveground oil storage facility sites inspected by the Oil Control Program decreased from 369 in FY 2014 to 262 facilities inspected in FY 2015. The number of permits/licenses issued this fiscal year decreased from 308 in FY 2014 to 215 in FY 2015. The OCP lost one of two permit engineers in FY 2014, which continues to affect aboveground storage facility permits processing time and inspections.

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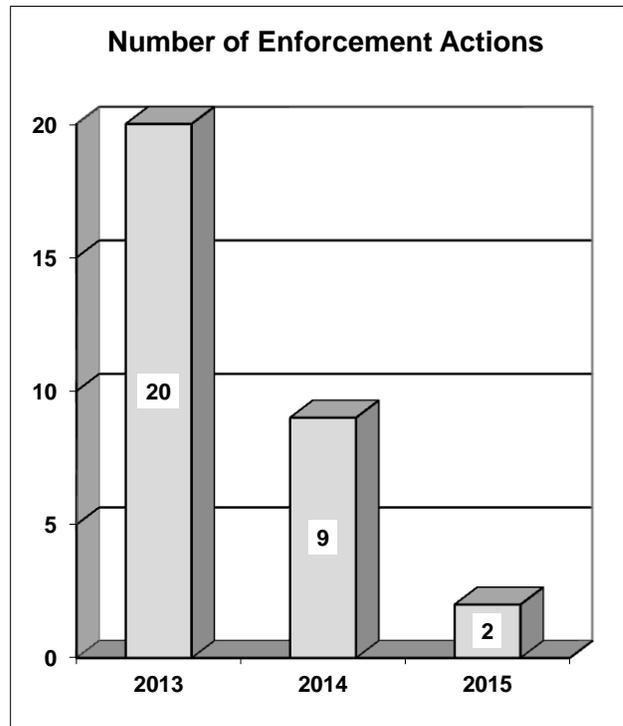
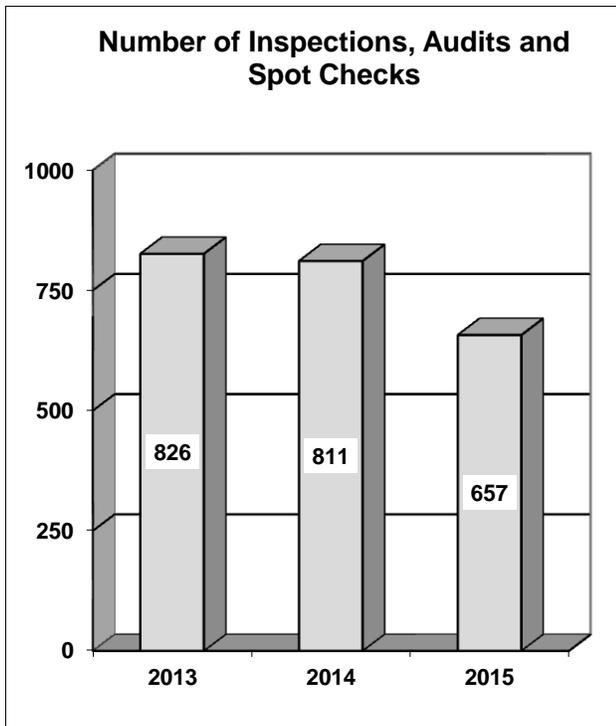
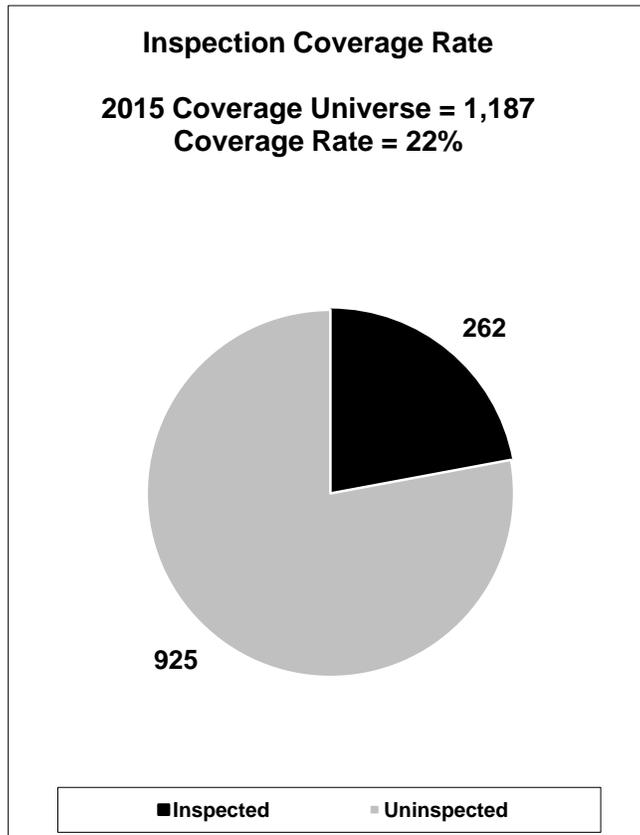
OCP - Aboveground Facilities

Performance Measure			TOTAL
PERMITTED SITES/FACILITIES			
Number of permits/licenses issued			215
Number of permits/licenses in effect at fiscal year end*			1,187
OTHER REGULATED SITES/FACILITIES			
Oil transfer licenses			283
INSPECTIONS			
Number of sites inspected ("inspected" defined as at the site)			262
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)			267
Number of inspections, spot checks (captures number of compliance activities at sites)			590
Number of audits (captures number of reviews of file/submittals for compliance)			67
Number of inspections, audits, spot checks (sum of the two measures above)			657
COMPLIANCE PROFILE			
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)**			22%
SIGNIFICANT VIOLATIONS			
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			3
Total number of significant violations (sum of the three measures above)			4
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved			1
Ongoing			3
ENFORCEMENT ACTIONS			
Number of compliance assistance rendered			656
	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	1	0	1
Number of referrals to Attorney General for possible criminal action			0
PENALTIES			
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$40,000

* 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 the site 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 OCP, a team of specialists is assigned to the investigation. Groundwater and soil cleanups are highly technical in nature and require detailed attention. The team will prioritize the response to the release based on multiple factors including the product 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 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 MDE's guidelines and procedures. When necessary, enforcement actions are taken if the responsible party is not complying with cleanup orders.

SUCCESSSES/CHALLENGES

Multiple site visits are needed to ensure compliance with approved corrective action plans, especially at release sites that could impact drinking water wells. OCP has found that a strong field presence and frequent communication with the responsible party increases compliance. This approach has more often than not resulted in the containment of releases to the property where they occurred. For those that have already migrated off the site, the implementation of a remedial response prevents further migration.

The OCP has reduced the number of active remediation sites from 799 in FY 2014 to 783 in FY 2015. This continued decrease in active remediation cases is due to a strong underground storage tank compliance program (prevention) and having committed and technically-proficient staff managing the cleanups.

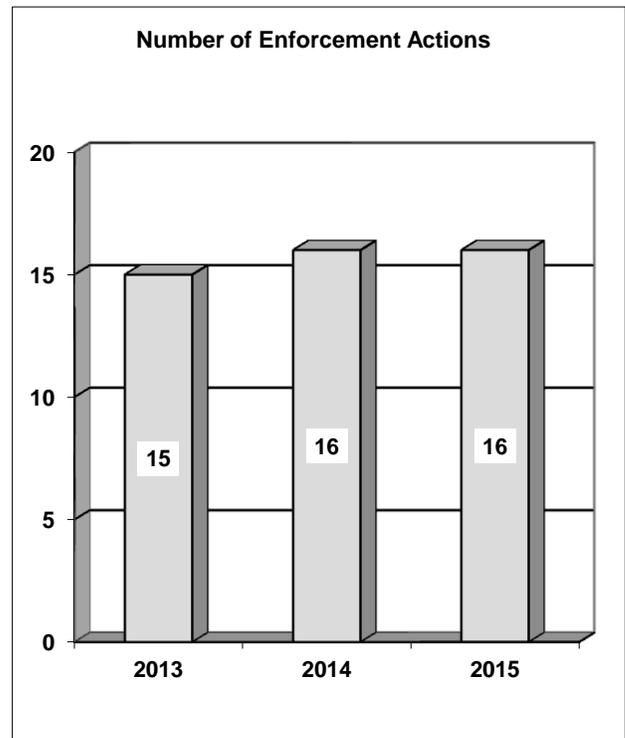
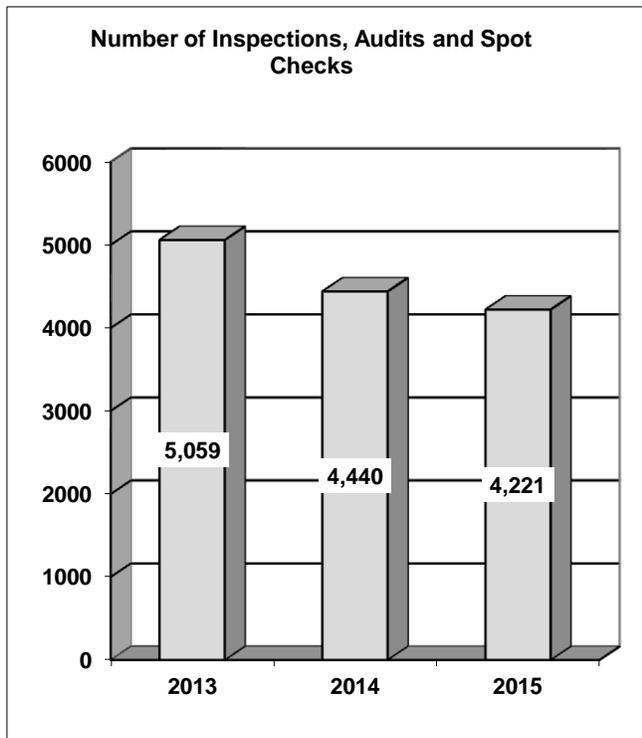
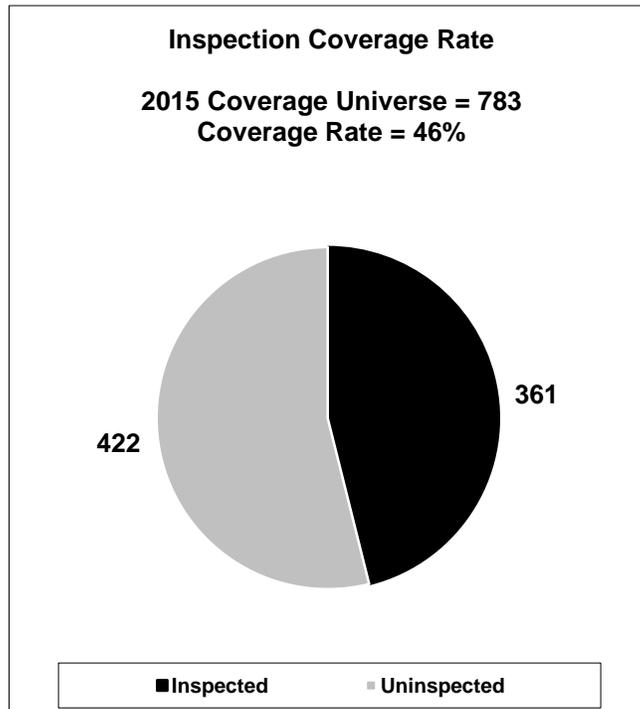
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Oil Pollution Remediation Activities

Performance Measure	TOTAL																								
PERMITTED SITES/FACILITIES																									
Number of permits/licenses issued	0																								
Number of permits/licenses in effect at fiscal year end	0																								
OTHER REGULATED SITES/FACILITIES																									
Groundwater remediation sites active at fiscal year end*	783																								
INSPECTIONS																									
Number of sites inspected ("inspected" defined as at the site)	361																								
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	495																								
Number of sites evaluated for compliance (sum of the two measures above)	856																								
Number of inspections, spot checks (captures number of compliance activities at sites)	1,174																								
Number of audits (captures number of reviews of file/submittals for compliance)	3,047																								
Number of inspections, audits, spot checks (sum of the two measures above)	4,221																								
COMPLIANCE PROFILE																									
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)	46%																								
SIGNIFICANT VIOLATIONS																									
Number of significant violations involving environmental or health impact	2																								
Number of significant violations based on technical/preventative deficiencies	0																								
Number of significant violations carried over awaiting disposition from previous fiscal year	7																								
Total number of significant violations (sum of the three measures above)	9																								
DISPOSITION OF SIGNIFICANT VIOLATIONS																									
Resolved	2																								
Ongoing	7																								
ENFORCEMENT ACTIONS																									
Number of compliance assistance rendered	4,219																								
	<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;">16</td> <td style="text-align: center;">0</td> <td style="text-align: center;">16</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	16	0	16	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	16	0	16																						
Number of referrals to Attorney General for possible criminal action			0																						
PENALTIES																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$201,200																								

* 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 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 State of Maryland requires all regulated UST systems be registered with MDE. In addition, all UST system technicians, removers and inspectors must pass a test given by MDE and maintain a valid certification. Every three years, at a minimum, each federally regulated UST system is inspected as required by EPA. A tank owner is required to hire a certified third party inspector to complete the inspection. When violations are found a MDE inspector will conduct a follow up inspection and issue corrective action if warranted.

SUCCESSSES/CHALLENGES

The EPA requires that UST facilities be inspected once every three years. The OCP has continues to meet this requirement by inspecting more than one third of the UST facilities (989/2,912) annually. The facilities inspected continue to show a high compliance rate that is above the national average, due at least in part to the continuing education of MDE certified private inspectors, and to follow-up activities performed by MDE inspectors.

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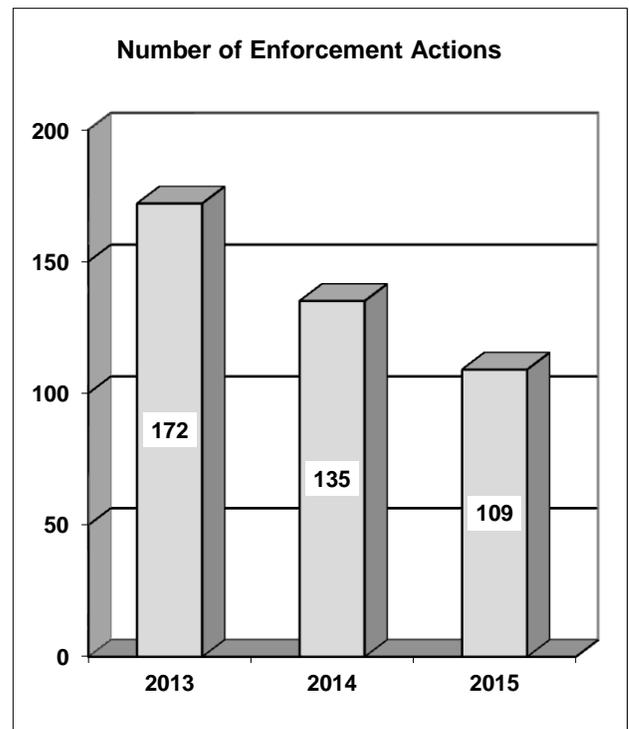
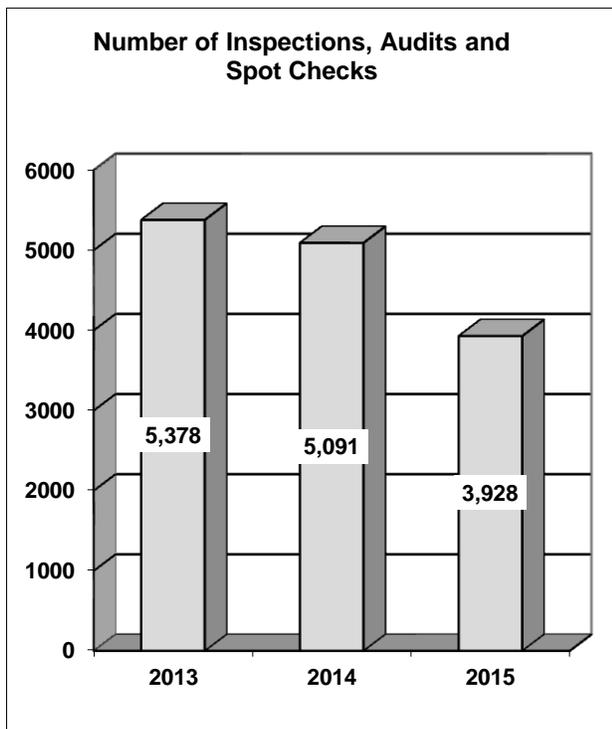
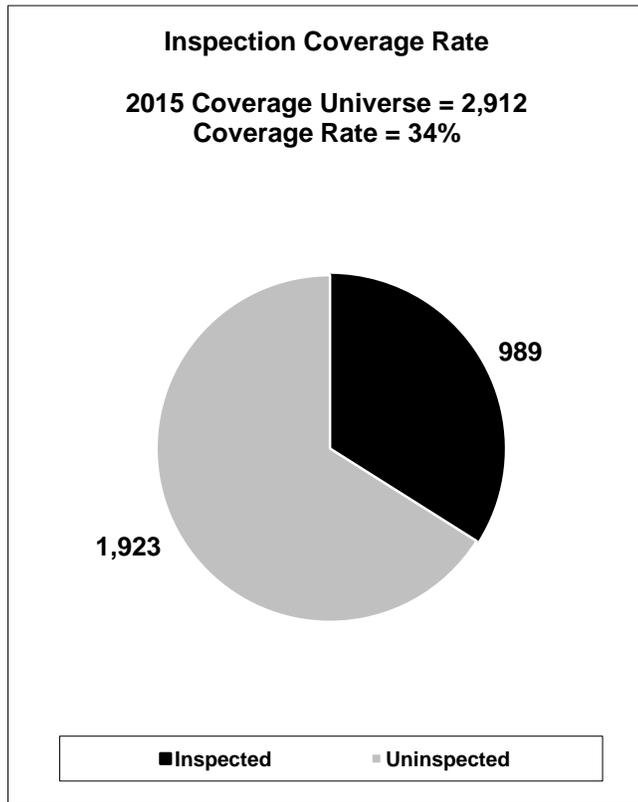
Oil Underground Storage Tank Systems

Performance Measure	TOTAL		
PERMITTED SITES/FACILITIES			
Number of permits/licenses issued	202		
Number of permits/licenses in effect at fiscal year end *	404		
OTHER REGULATED SITES/FACILITIES			
Registered UST facilities	2,912		
INSPECTIONS			
Number of sites inspected ("inspected" defined as at the site)	989		
Number of sites receiving off-site audits and record reviews, but not inspected.	27		
Number of sites evaluated for compliance (sum of the two measures above)	1,016		
Number of inspections, spot checks (captures number of compliance activities at sites)	3,022		
Number of audits (captures number of reviews of file/submittals for compliance)	906		
Number of inspections, audits, spot checks (sum of the two measures above)	3,928		
COMPLIANCE PROFILE			
Number of inspected sites/facilities with significant violations	52		
Percentage of inspected sites/facilities with significant violations	5%		
Inspection coverage rate (number of sites inspected/coverage universe)**	34%		
SIGNIFICANT VIOLATIONS			
Number of significant violations involving environmental or health impact	52		
Number of significant violations based on technical/preventative deficiencies	0		
Number of significant violations carried over awaiting disposition from previous fiscal year	66		
Total number of significant violations (sum of the three measures above)	118		
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved	75		
Ongoing	43		
ENFORCEMENT ACTIONS			
Number of compliance assistance rendered	4,545		
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	7	0	7
Number of stop work orders	14	0	14
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		
PENALTIES			
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$247,275		

* 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 application 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 MDE'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. MDE 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 MDE's review and approval prior to implementation. Routine unannounced inspections are performed to ensure compliance. Inspectors also inspect complaints 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 odor, soil erosion, discharge of pollutants to surface water, and groundwater pollution. If violations are found, corrective actions are conducted in accordance with MDE's guidelines and procedures.

SUCCESSSES/CHALLENGES

The SWP's Compliance Division inspection numbers increased across all categories in FY 2015 when compared to FY 2014. The inspection coverage rate increased from 92% in FY 2014 to 96% in FY 2015. The number of site inspections increased from 225 in FY 2014 to 232 in FY 2015. The total number of inspections, audits and spot checks increased from 1,328 in FY 2014 to 1,493 in FY 2015. Refuse Disposal enforcement actions increased from 73 in FY 2014 to 94 in FY 2015.

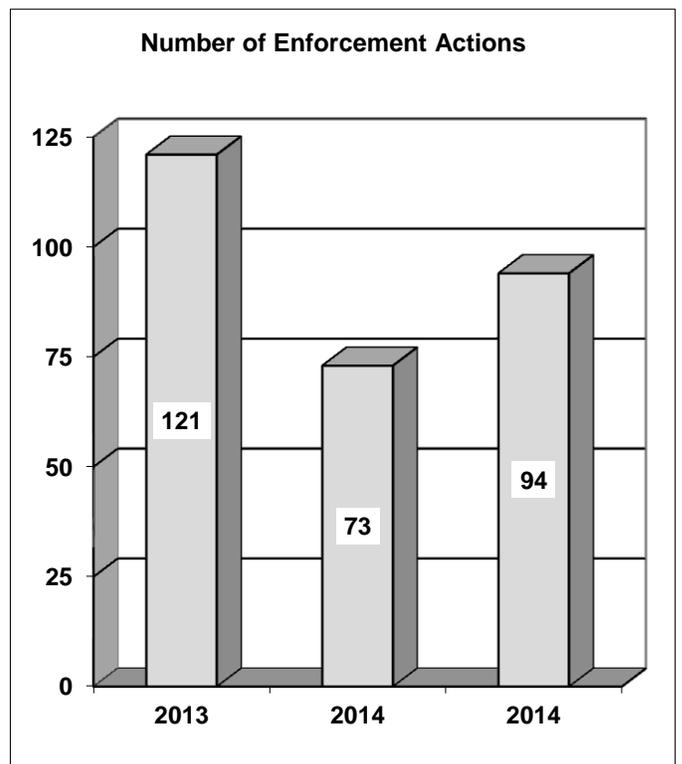
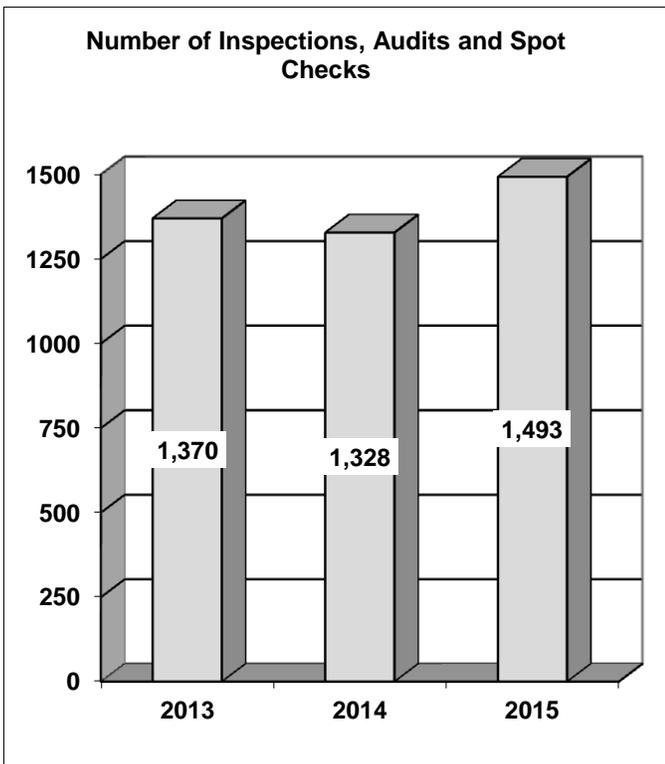
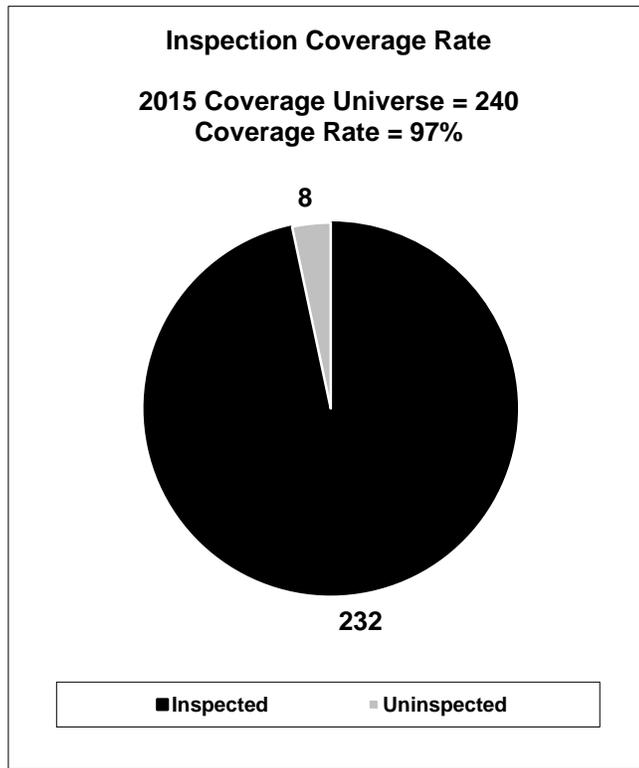
In FY 2016, the SWP inspectors will be receiving new, updated laptops and utilizing a new inspection reporting database. This will require inspectors to spend additional time in the

office on development, testing and training activities related to the new hardware and software. Therefore, inspection numbers may be lower in FY 2016.

Refuse Disposal

Performance Measure	TOTAL
PERMITTED SITES/FACILITIES	
Number of permits/licenses issued	25
Number of permits/licenses in effect at fiscal year end*	102
OTHER REGULATED SITES/FACILITIES	
Unpermitted sites	138
INSPECTIONS	
Number of sites inspected ("inspected" defined as at the site)**	232
Number of sites receiving off-site audits and record reviews, but not inspected.	42
Number of sites evaluated for compliance (sum of the two measures above)	274
Number of inspections, spot checks (captures number of compliance activities at sites)	1,260
Number of audits (captures number of reviews of file/submittals for compliance)	233
Number of inspections, audits, spot checks (sum of the two measures above)	1,493
COMPLIANCE PROFILE	
Number of inspected sites/facilities with significant violations	62
Percentage of inspected sites/facilities with significant violations	26%
Inspection coverage rate (number of sites inspected/coverage universe)	97%
SIGNIFICANT VIOLATIONS	
Number of significant violations involving environmental or health impact	169
Number of significant violations based on technical/preventative deficiencies	8
Number of significant violations carried over awaiting disposition from previous fiscal year	176
Total number of significant violations (sum of the three measures above)	353
DISPOSITION OF SIGNIFICANT VIOLATIONS	
Resolved	146
Ongoing	207
ENFORCEMENT ACTIONS	
Number of compliance assistance rendered	2
	Administrative Civil/Judicial Total
Number of show cause, remedial, corrective actions issued	5 0 5
Number of stop work orders	0 0 0
Number of injunctions obtained	1 0 1
Number of penalty and other enforcement actions	88 0 88
Number of referrals to Attorney General for possible criminal action	5
PENALTIES	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$76,788

Refuse Disposal



Scrap Tires

PURPOSE

Licenses and approval 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), MDE arranges 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 require the appropriate license or approval. To obtain a license or approval, a person must submit a completed application and the required information. MDE may conduct a public information meeting on certain types of license or approval applications.

MDE 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 MDE's guidelines and procedures.

SUCCESSSES/CHALLENGES

The Program continued the cleanup of scrap tires from illegal stockpiles. New stockpiles continue to be discovered every year and during FY 2015 a total of 11 new sites containing approximately 9,679 scrap tires were discovered. A total of 11 stockpiles were cleaned up in FY 2015 resulting in the removal of 6,035 scrap tires. Since the inception of the Scrap Tire Program in 1992, over 10.6 million scrap tires have been cleaned up from 988 stockpiles. At the end of FY 2015, there were 53 stockpiles containing approximately 369,129 scrap tires remaining to be cleaned up, 214,400 of which are located at one site, which is scheduled to be cleaned up using State funds during FY 2016.

One of the challenges for the Scrap Tire Unit is achieving the cleanup of small scrap tire stockpiles (1,000 scrap tires or fewer) from sites where the property owners were not responsible for placing the scrap tires on site. These sites (approximately 36 sites in 18 counties and Baltimore City) represent more than half of the remaining illegal scrap tire stockpiles indentified in Maryland. MDE has worked for years on many of these sites to encourage property owners to voluntarily clean up the illegally stockpiled scrap tires, without success. Due to the size of these stockpiles, obtaining court orders for the property owners to clean up the scrap tires would be more costly than performing a State funded cleanup. Also, court orders would not guarantee that the sites would actually get cleaned up if the

property owners do not have sufficient funds to remove the scrap tires. The Scrap Tire Unit is exploring options for pursuing cleanup of these sites.

Scrap tire inspections are performed by inspectors in the Solid Waste Program. 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 713 scrap tire site inspections at 480 sites in FY 2015. This is an increase over the 461 sites inspected during FY 2014. The inspection coverage rate in FY 2015 of 15% remained the same as FY 2014. Enforcement actions increased significantly from 72 in FY 2014 to 96 in FY 2015.

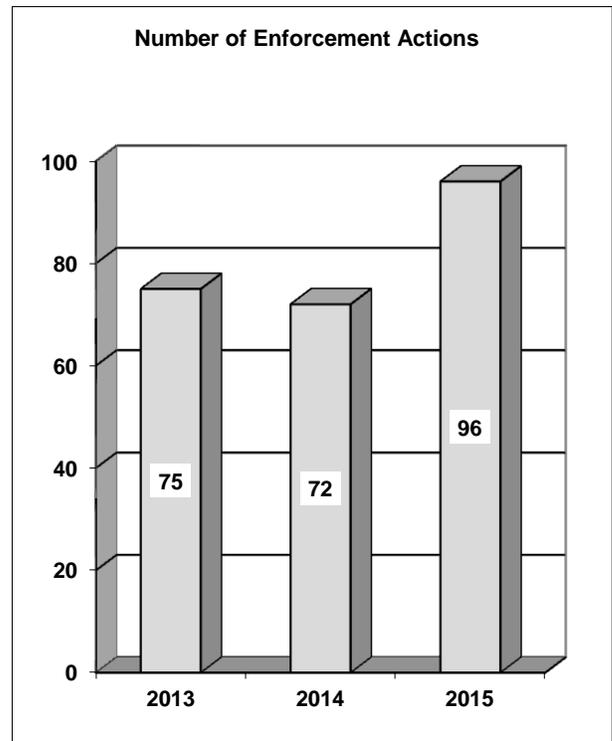
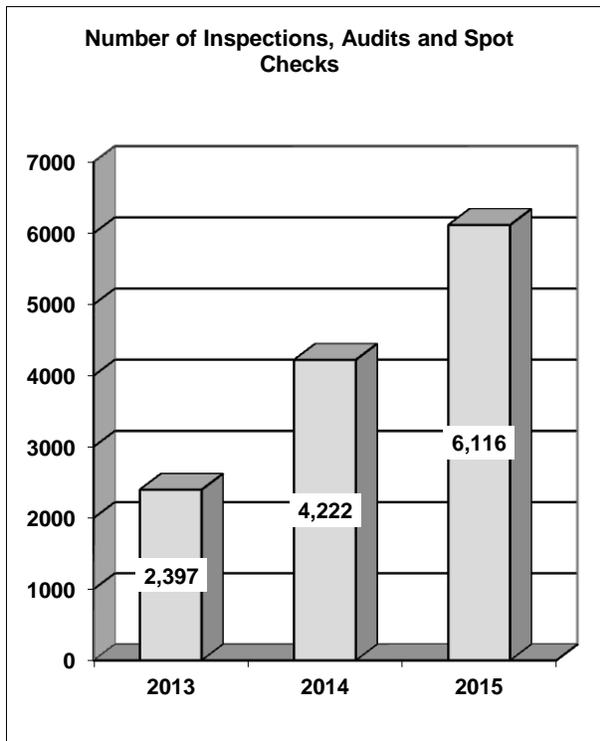
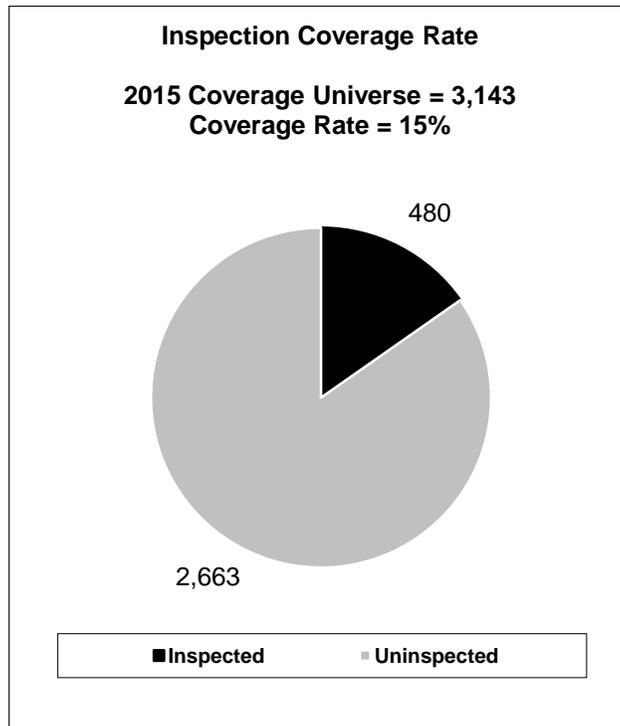
In FY 2016, the SWP inspectors will be receiving new, updated laptops and utilizing a new inspection reporting database. This will require inspectors to spend additional time in the office on development, testing and training activities related to the new hardware and software. Therefore, inspection numbers may be lower in FY 2016.

Scrap Tires

Performance Measure	TOTAL																								
PERMITTED SITES/FACILITIES																									
Number of permits/registrations issued	465																								
Number of permits/registrations in effect at fiscal year end	3,090																								
OTHER REGULATED SITES/FACILITIES																									
Stockpiles with removal activities during the fiscal year	53																								
INSPECTIONS																									
Number of sites inspected ("inspected" defined as at the site)	480																								
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	2,342																								
Number of sites evaluated for compliance (sum of the two measures above)	2,822																								
Number of inspections, spot checks (captures number of compliance activities at sites)	713																								
Number of audits (captures number of reviews of file/submittals for compliance)	5,403																								
Number of inspections, audits, spot checks (sum of the two measures above)	6,116																								
COMPLIANCE PROFILE																									
Number of inspected sites/facilities with significant violations	93																								
Percentage of inspected sites/facilities with significant violations	19%																								
Inspection coverage rate (number of sites inspected/coverage universe)*	15%																								
SIGNIFICANT VIOLATIONS																									
Number of significant violations involving environmental or health impact	41																								
Number of significant violations based on technical/preventative deficiencies	61																								
Number of significant violations carried over awaiting disposition from previous fiscal year	72																								
Total number of significant violations (sum of the three measures above)	174																								
DISPOSITION OF SIGNIFICANT VIOLATIONS																									
Resolved	77																								
Ongoing	97																								
ENFORCEMENT ACTIONS																									
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;">94</td> <td style="text-align: center;">0</td> <td style="text-align: center;">94</td> </tr> <tr> <td>Number of referrals to Attorney General for possible criminal action</td> <td colspan="2"></td> <td style="text-align: center;">2</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	94	0	94	Number of referrals to Attorney General for possible criminal action			2
	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	94	0	94																						
Number of referrals to Attorney General for possible criminal action			2																						
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	94	0	94																						
Number of referrals to Attorney General for possible criminal action			2																						
PENALTIES																									
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$19,104																						

* 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 not sewage. It is one of the final products of the treatment of sewage at a wastewater treatment plant. A Sewage Sludge Utilization (SSU) Permit 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.

AUTHORITY

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

PROCESS

A person must submit a completed application and the required information. 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 the 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.

Composting facilities, pelletizers, and storage facilities are inspected 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, site complaints are issued. Corrective orders and penalties may be issued for violations in accordance with MDE's guidelines and procedures. Inspectors also investigate citizens' complaints about sewage sludge utilization.

SUCCESSSES/CHALLENGES

On May 26, 2014, the new Sewage Sludge Management Regulations went into effect. The new regulations incorporated MDA's updated nutrient management requirements and EPA's regulations relating to treatment and land application standards, and streamlined the SSU permit application review process. The implementation of these new regulations in FY 2015 required changes to permit conditions and outreach to the regulated community.

Due to recent MDA regulation changes, as well as the extreme rainfall received in the spring of 2015, the SWP's Compliance Division had fewer active sites to inspect. As a result, the number of inspections decreased from 281 in FY 2014 to 203 in FY 2015. The SWP's Compliance Division issued six site complaints and one Notice of Violation Penalty letter. All outstanding or ongoing violations have been corrected as the SWP's Compliance Division enters FY 2016.

In FY 2016, the SWP inspectors will be receiving new, updated laptops and utilizing a new inspection reporting database. This will require inspectors to spend additional time in the office on development, testing and training activities related to the new hardware and software. Therefore, inspection numbers may be lower in FY 2016.

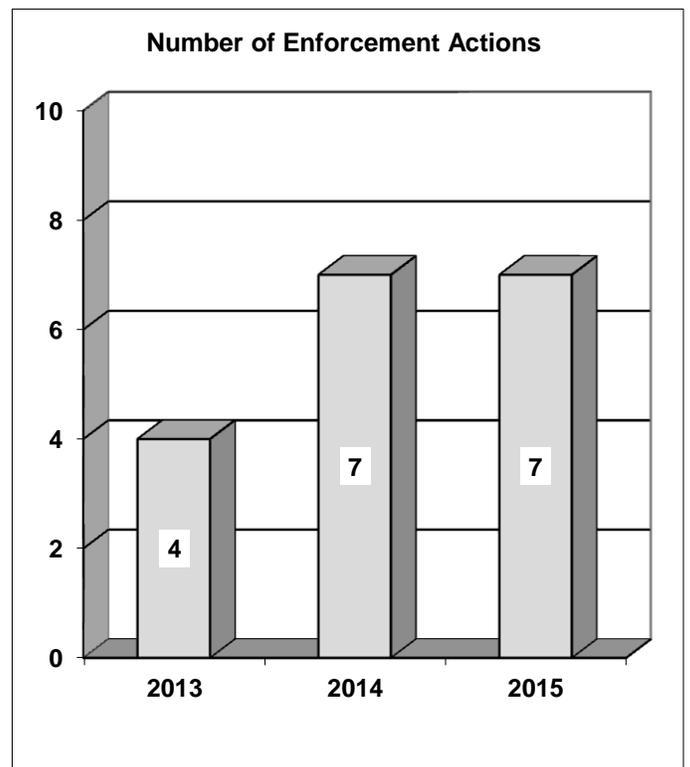
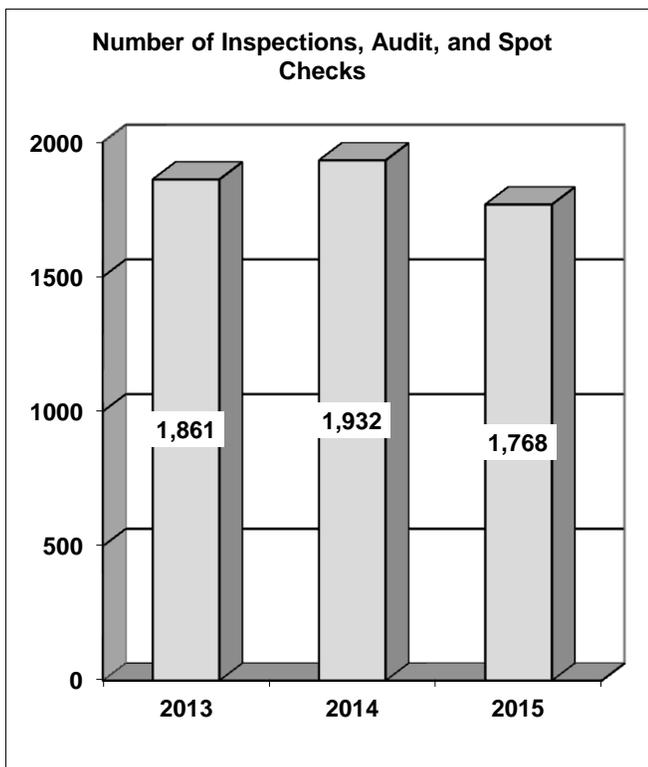
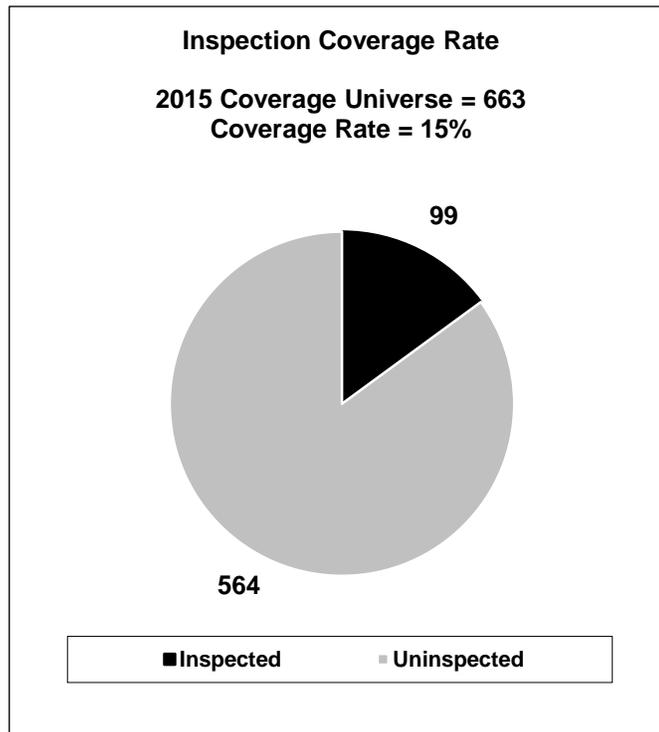
When considering the coverage rate for sewage sludge utilization sites, it should be noted that many of these sites are farm fields that may only receive sewage sludge once or twice during a five-year permit life. Inspection efforts are concentrated toward those sites that are active during the year.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

Sewage Sludge Utilization

Performance Measure	TOTAL
PERMITTED SITES/FACILITIES	
Number of permits/registrations issued	215
Number of permits/registrations in effect at fiscal year end	658
OTHER REGULATED SITES/FACILITIES	
Unpermitted sites	5
INSPECTIONS	
Number of sites inspected (“inspected” defined as at the site)	99
Number of sites receiving off-site audits and record reviews, but not inspected.	327
Number of sites evaluated for compliance (sum of the two measures above)	426
Number of inspections, spot checks (captures number of compliance activities at sites)	203
Number of audits (captures number of reviews of file/submittals for compliance)	1,565
Number of inspections, audits, spot checks (sum of the two measures above)	1,768
COMPLIANCE PROFILE	
Number of inspected sites/facilities with significant violations	5
Percentage of inspected sites/facilities with significant violations	5%
Inspection coverage rate (number of sites inspected/coverage universe)*	15%
SIGNIFICANT VIOLATIONS	
Number of significant violations involving environmental or health impact	9
Number of significant violations based on technical/preventative deficiencies	0
Number of significant violations carried over awaiting disposition from previous fiscal year	3
Total number of significant violations (sum of the three measures above)	12
DISPOSITION OF SIGNIFICANT VIOLATIONS	
Resolved	12
Ongoing	0
ENFORCEMENT ACTIONS	
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	7 0 7
Number of referrals to Attorney General for possible criminal action	0
PENALTIES	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$500

* 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 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

The AFO Division registered 93 AFOs that submitted complete Notices of Intent (NOIs) and required plans for coverage under the previous GD Permit (09AF), which expired on November 30, 2014. This represents 98% of all NOIs received by MDE. The remaining 2% (12 AFOs) were those that did not have the required plans.

MDE completed 1,858 inspections, audits and spot checks by the end of FY 2015 compared to 793 in FY 2014. The number of sites inspected in FY 2015 decreased to 171 from 237 in FY 2014 because of the reassignment of an inspector to process registrations, necessitated due to retirement of a permit writer. The increase in audits from FY 2014 is due to a change in policy on counting reviews of annual implementation reports as individual audits.

The AFO Division successfully renewed the GD Permit. The renewal was issued on December 1, 2014 and will expire on November 30, 2019. MDE is actively pursuing the AFOs that were registered under the previous GD Permit, but did not send in their NOIs and required plans for the new GD Permit. This resulted in a marked increase in enforcement actions from three in FY 2014 to 129 this year. A major challenge for MDE is to register all AFOs under the new GD Permit in a timely fashion.

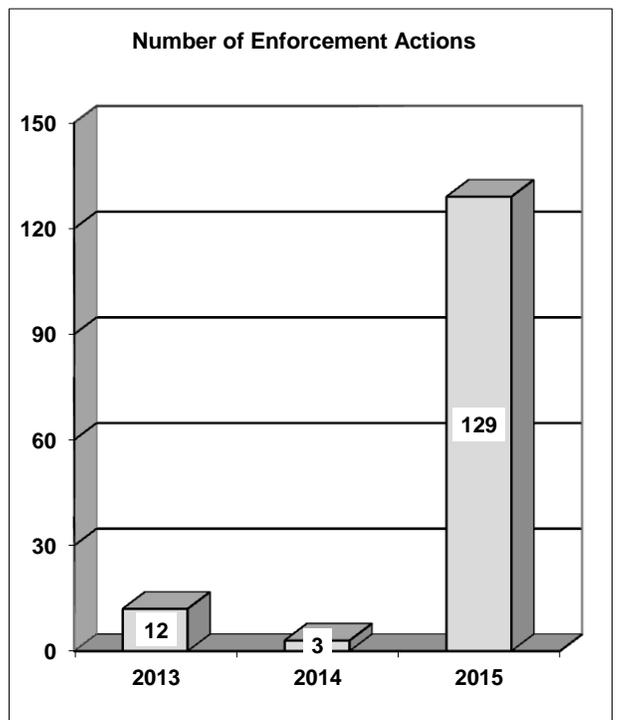
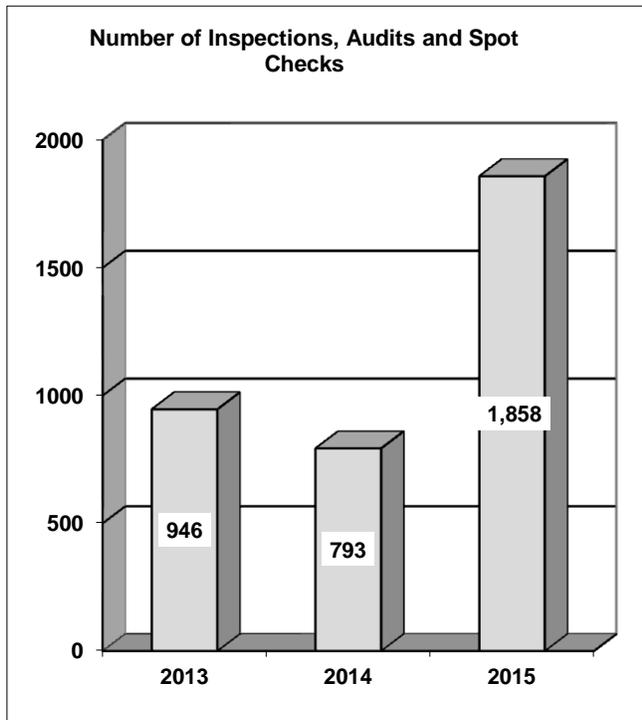
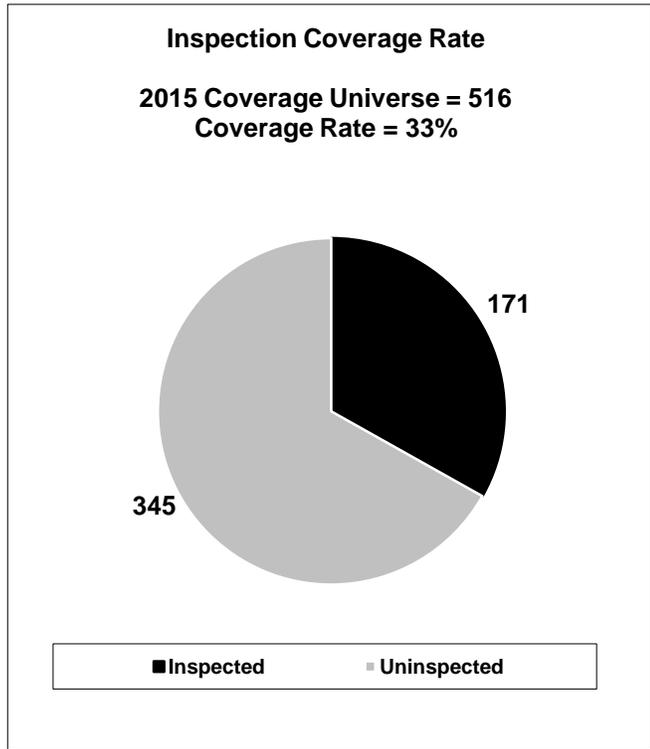
Due to an incentive offered by the poultry integrators, there has been an increase in construction of new and expanded poultry AFOs on the Eastern Shore. While houses may be built in compliance with local zoning and soil conservation service rules, many of these houses may be out of compliance with AFO registration requirements. The AFO Division is coordinating with local and State agencies to provide input earlier in the planning process for new poultry house construction.

Animal Feeding Operations

Performance Measure	TOTAL		
PERMITTED SITES/FACILITIES			
Number of permits/registrations issued	93		
Number of permits/registrations in effect at fiscal year end	516		
INSPECTIONS			
Number of sites inspected (“inspected” defined as at the site)*	171		
Number of sites receiving off-site audits and record reviews, but not inspected	577		
Number of sites evaluated for compliance (sum of the two measures above)	748		
Number of inspections, spot checks (captures number of compliance activities at sites)	215		
Number of audits (captures number of reviews of file/submittals for compliance)	1,643		
Number of inspections, audits, spot checks (sum of the two measures above)	1,858		
COMPLIANCE PROFILE			
Number of inspected sites/facilities with significant violations	4		
Percentage of inspected sites/facilities with significant violations	2%		
Inspection coverage rate (number of sites inspected/coverage universe)	33%		
SIGNIFICANT VIOLATIONS			
Number of significant violations involving environmental or health impact	0		
Number of significant violations based on technical/preventative deficiencies	3		
Number of significant violations carried over awaiting disposition from previous fiscal year	4		
Total number of significant violations (sum of the three measures above)	7		
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved	2		
Ongoing	5		
ENFORCEMENT ACTIONS			
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	129	0	129
Number of referrals to Attorney General for possible criminal action	0		
PENALTIES			
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$3,625		

*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 them 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, for these operations if they are performed by an individual or business to recycle their own wood wastes on their 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 MDE's guidelines and procedures.

SUCSESSES/CHALLENGES

In FY 2015, the SWP's Compliance Division's overall inspection coverage increased from 74% in FY 2014 to 98% in FY 2015. The number of significant violations increased from 15 in FY 2014 to 36 in FY 2015. The SWP's Compliance Division was again able to increase the total number of inspections and spot checks from 114 in FY 2014 to 146 in FY 2015.

In FY 2016, the SWP inspectors will be receiving new, updated laptops and utilizing a new inspection reporting database. This will require inspectors to spend additional time in the office on development, testing and training activities related to the new hardware and software. Therefore, inspection numbers may be lower in FY 2016.

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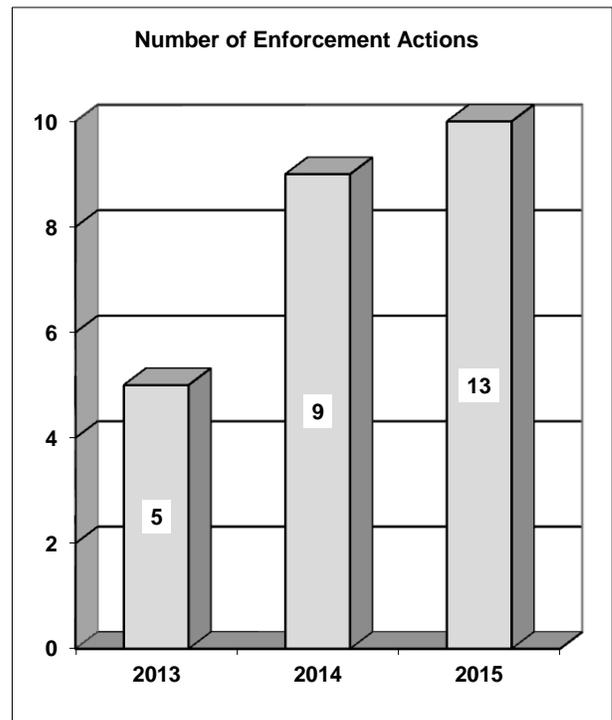
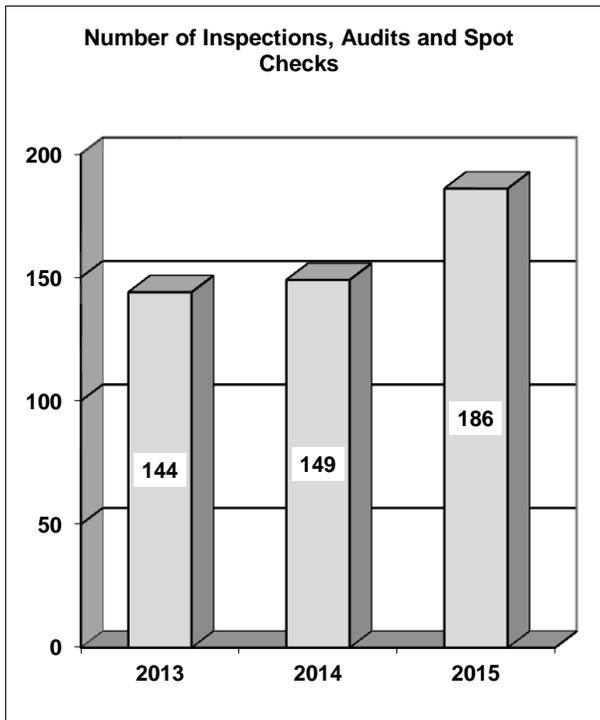
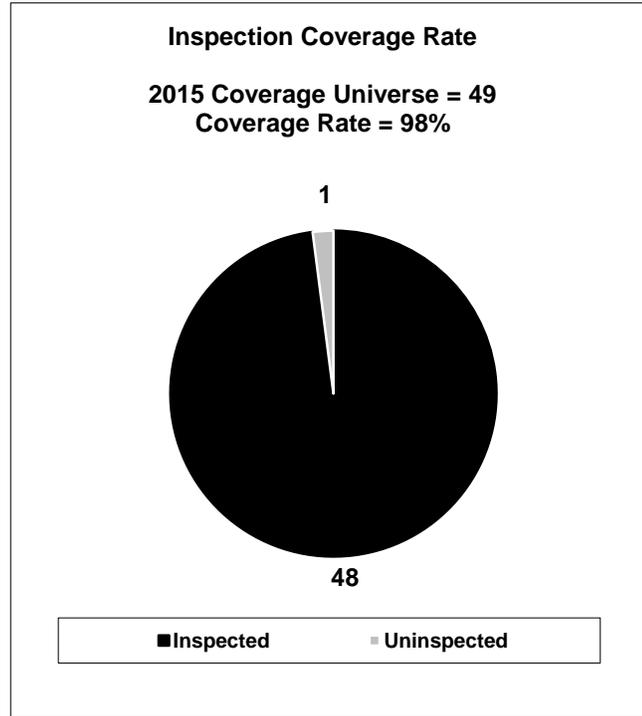
Natural Wood Waste Recycling

Performance Measure	TOTAL																								
PERMITTED SITES/FACILITIES																									
Number of permits/registrations issued	11																								
Number of permits/registrations in effect at fiscal year end	41																								
OTHER REGULATED SITES/FACILITIES																									
Unpermitted sites at fiscal year end	8																								
INSPECTIONS																									
Number of sites inspected ("inspected" defined as at the site)*	48																								
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)	53																								
Number of inspections, spot checks (captures number of compliance activities at sites)	146																								
Number of audits (captures number of reviews of file/submittals for compliance)	40																								
Number of inspections, audits, spot checks (sum of the two measures above)	186																								
COMPLIANCE PROFILE																									
Number of inspected sites/facilities with significant violations	11																								
Percentage of inspected sites/facilities with significant violations	22%																								
Inspection coverage rate (number of sites inspected/coverage universe)**	98%																								
SIGNIFICANT VIOLATIONS																									
Number of significant violations involving environmental or health impact	26																								
Number of significant violations based on technical/preventative deficiencies	6																								
Number of significant violations carried over awaiting disposition from previous fiscal year	4																								
Total number of significant violations (sum of the three measures above)	36																								
DISPOSITION OF SIGNIFICANT VIOLATIONS																									
Resolved	18																								
Ongoing	18																								
ENFORCEMENT ACTIONS																									
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	13	0	13																						
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	13	0	13																						
Number of referrals to Attorney General for possible criminal action			0																						
PENALTIES																									
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) 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, MDE is authorized by the federal Office of Surface Mining to administer a surface mining control program consistent with the federal law. MDE 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.

AUTHORITY

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

STATE: Environment Article, Title 15, Subtitle 5 and 6; COMAR 26.20

PROCESS

Persons 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. MDE 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 MDE 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 in the event the permittee fails to do so.

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 Bureau 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.

SUCSESSES/CHALLENGES

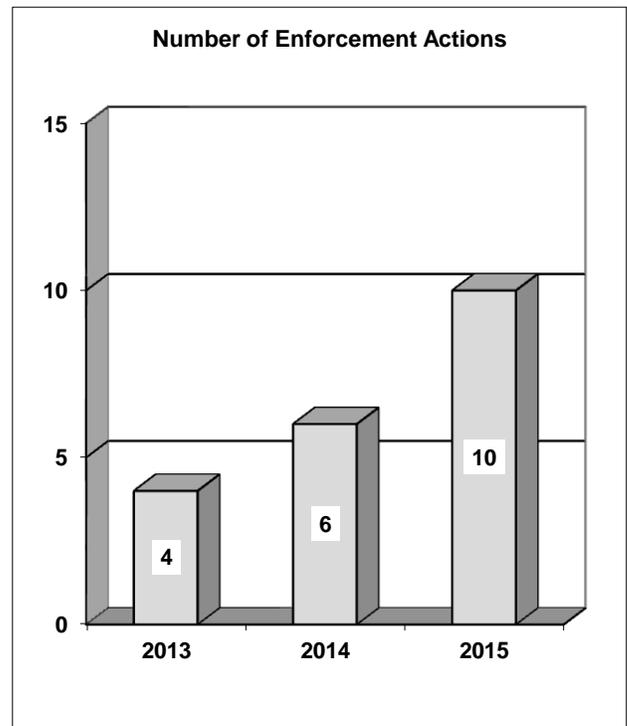
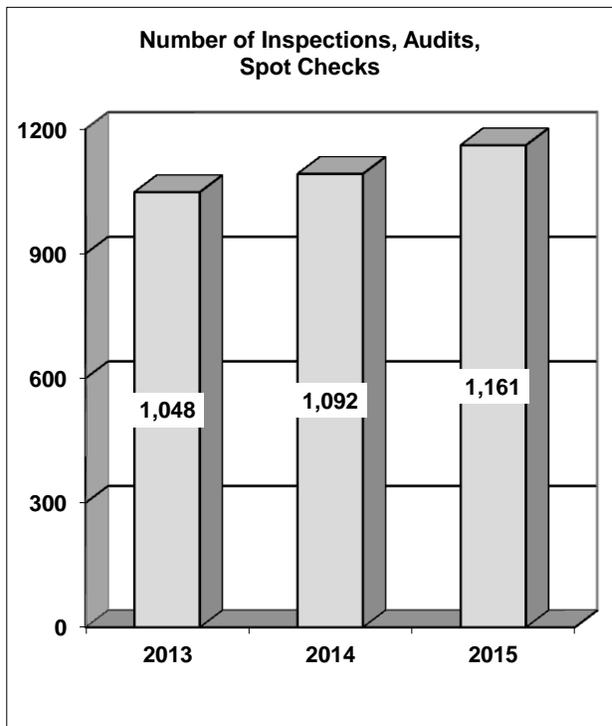
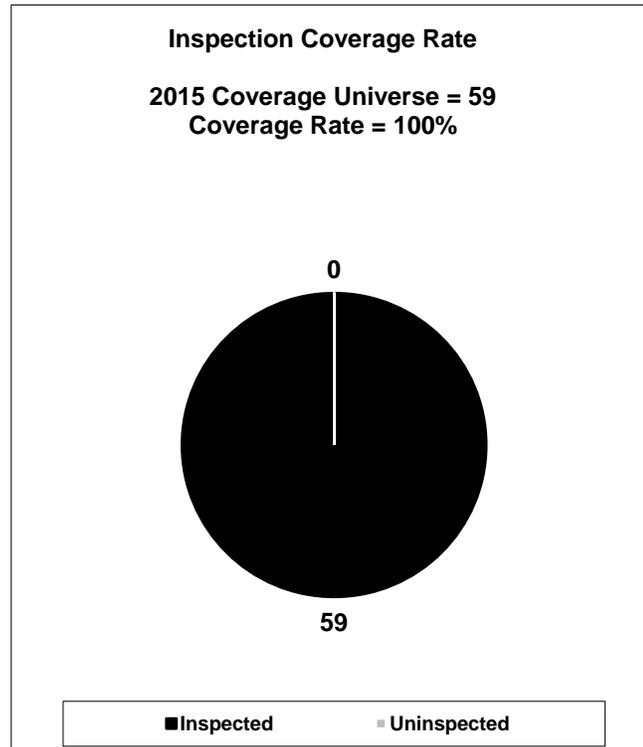
MDE met 100% of all legally-mandated inspection frequencies in FY 2015. State capital funds were used to evaluate site conditions and impacts to streams in preparation for a relining project in George's Creek that will maintain base flow in the creek and eliminate some of the loss that is currently ongoing. Work to improve water quality in Winebrenner Run will also begin in FY 2016.

Emergency repairs were made to Aaron Run Road in Garrett County after the road collapsed and slid, making it impassable. The collapse was due to drainage from an abandoned deep mine. The drainage was contained, and the road was repaired and reopened to traffic after a two-month construction project.

Mining – Coal

Performance Measure	TOTAL																								
PERMITTED SITES/FACILITIES																									
Number of permits/licenses issued	9																								
Number of permits/licenses in effect at fiscal year end	53																								
Prospect and forfeiture sites	5																								
OTHER REGULATED SITES/FACILITIES																									
Coal mining operator licenses issued	23																								
Coal mining operator licenses in effect at fiscal year end	23																								
Surface coal mining blaster certifications issued	16																								
Surface coal mining blaster certifications at fiscal year end	24																								
INSPECTIONS																									
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)	874																								
Number of audits (captures number of reviews of file/submittals for compliance)	287																								
Number of inspections, audits, spot checks (sum of the two measures above)	1,161																								
COMPLIANCE PROFILE																									
Number of inspected sites/facilities with significant violations	9																								
Percentage of inspected sites/facilities with significant violations	15%																								
Inspection coverage rate (number of sites inspected/coverage universe)	100%																								
SIGNIFICANT VIOLATIONS																									
Number of significant violations involving environmental or health impact	3																								
Number of significant violations based on technical/preventative deficiencies	7																								
Number of significant violations carried over awaiting disposition from previous fiscal year	4																								
Total number of significant violations (sum of the three measures above)	14																								
DISPOSITION OF SIGNIFICANT VIOLATIONS																									
Resolved	10																								
Ongoing	4																								
ENFORCEMENT ACTIONS																									
Number of compliance assistance rendered	84																								
	<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;">10</td> <td style="text-align: center;">0</td> <td style="text-align: center;">10</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	10	0	10	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	10	0	10																						
Number of referrals to Attorney General for possible criminal action			0																						
PENALTIES																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$18,900																								

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 impacts 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.

MDE 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 is inspecting major projects, such as the Lehigh 4.5-mile conveyor system and expansion in Carroll and Frederick Counties, at weekly intervals during critical times. The size and scope of this project makes it one of the largest private construction projects in Maryland. The conveyor will transport rock from the New Windsor quarry approximately 4.5 miles above and below ground to Union Bridge where it will be used in cement production. Additionally approximately 13,000 feet of stream will be enhanced and 7.5 acres of wetland will be recreated to offset impacts from this project.

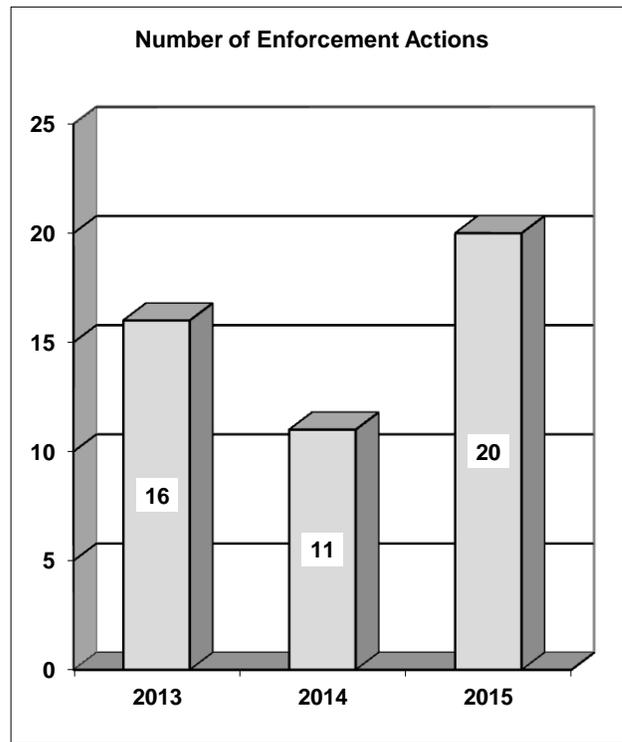
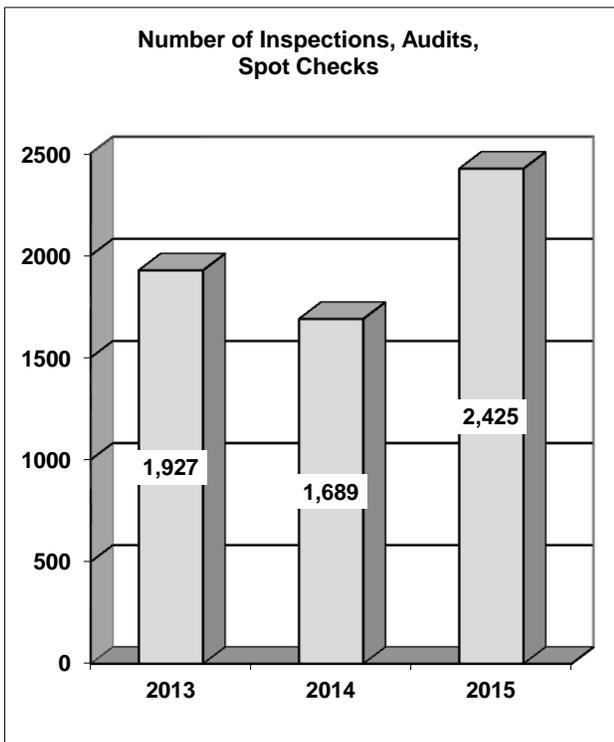
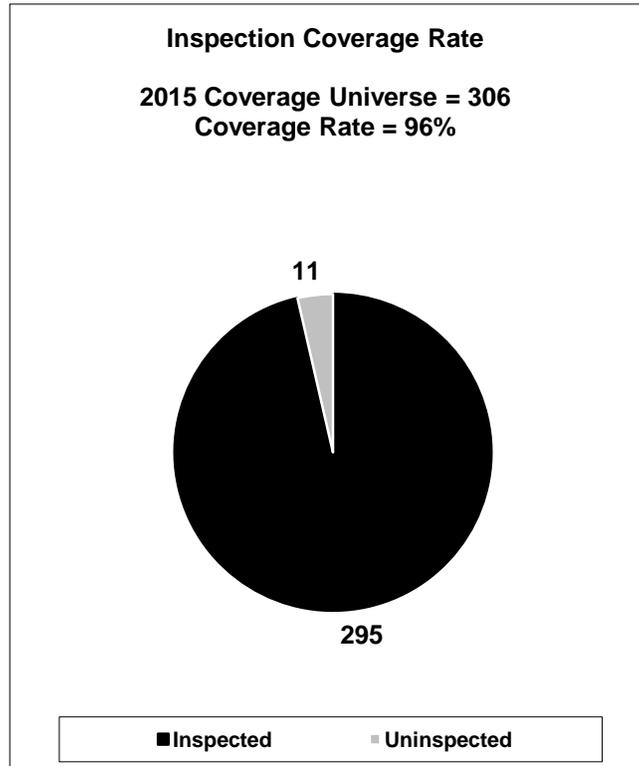
An electronic reporting system for blasting at quarry sites has been activated and will allow for more efficient reporting and timely response for blast complaints.

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Mining – Non-Coal

Performance Measure	TOTAL		
PERMITTED SITES/FACILITIES			
Number of permits/licenses issued	89		
Number of permits/licenses in effect at fiscal year end	306		
OTHER REGULATED SITES/FACILITIES			
Sites with federal water discharge permits	10		
INSPECTIONS			
Number of sites inspected (“inspected” defined as at the site)	295		
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)	295		
Number of inspections, spot checks (captures number of compliance activities at sites)	540		
Number of audits (captures number of reviews of file/submittals for compliance)	1,885		
Number of inspections, audits, spot checks (sum of the two measures above)	2,425		
COMPLIANCE PROFILE			
Number of inspected sites/facilities with significant violations	17		
Percentage of inspected sites/facilities with significant violations	6%		
Inspection coverage rate (number of sites inspected/coverage universe)	96%		
SIGNIFICANT VIOLATIONS			
Number of significant violations involving environmental or health impact	0		
Number of significant violations based on technical/preventative deficiencies	17		
Number of significant violations carried over awaiting disposition from previous fiscal year	0		
Total number of significant violations (sum of the three measures above)	17		
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved	16		
Ongoing	1		
ENFORCEMENT ACTIONS			
Number of compliance assistance rendered	0		
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	3	0	3
Number of stop work orders	0	0	0
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	17	0	17
Number of referrals to Attorney General for possible criminal action	0		
PENALTIES			
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$117,500		

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 facility 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 the well is completed.

SUCCESSSES/CHALLENGES

The Department was able to plug an active permit site in Green Ridge State Forest this year. This well was drilled approximately 50 years ago and has not been in production for many years. Proper closure ensures that no gas will leak into ground water and affect other properties.

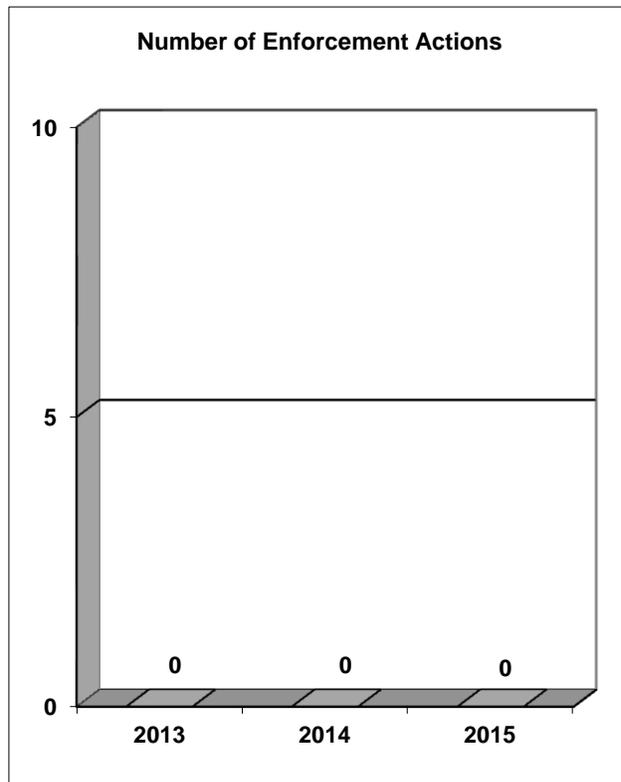
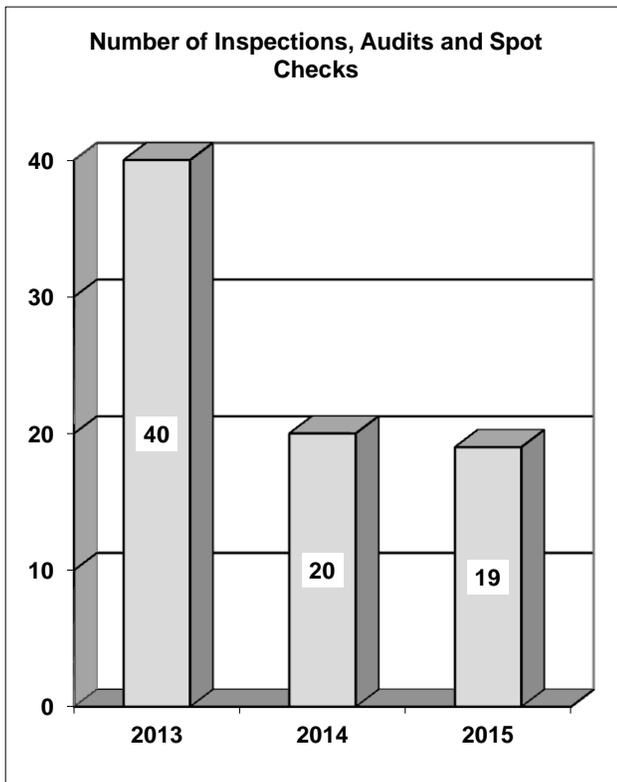
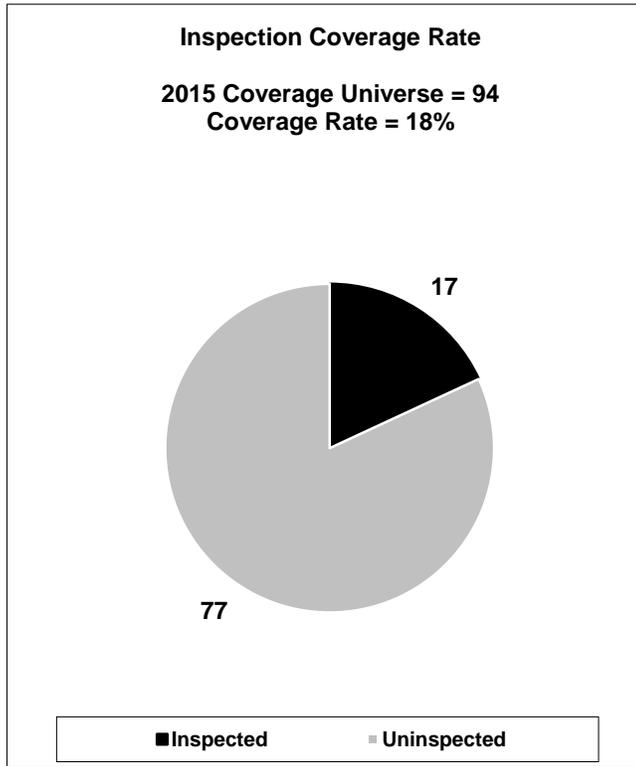
Legislation passed in 2015 created a two-year moratorium on any new Drilling and Operation Permits. The Department will use the time to complete new regulations and develop an application process. There currently are no applications for any type of drilling or seismic activities pending.

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Oil and Gas Exploration and Production

Performance Measure	TOTAL																								
PERMITTED SITES/FACILITIES																									
Number of permits/licenses issued	11																								
Number of permits/licenses in effect at fiscal year end	94																								
INSPECTIONS																									
Number of sites inspected ("inspected" defined as at the site)	17																								
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)	17																								
Number of inspections, spot checks (captures number of compliance activities at sites)	19																								
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)	19																								
COMPLIANCE PROFILE																									
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)	18%																								
SIGNIFICANT VIOLATIONS																									
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																								
DISPOSITION OF SIGNIFICANT VIOLATIONS																									
Resolved	0																								
Ongoing	0																								
ENFORCEMENT ACTIONS																									
Number of compliance assistance rendered	0																								
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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																						
PENALTIES																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0																								

Oil and Gas Exploration and Production



Mercury Switch Recovery

PURPOSE

Manufacturers of vehicles with mercury switches are required to develop and implement a “mercury minimization plan” that will assist vehicle recyclers and scrap processing facilities in removing mercury-containing switches from vehicles. Vehicle recyclers and scrap processing facilities are required to remove all mercury switches or mercury switch assemblies identified in the approved mercury minimization plan, except where a mercury switch or mercury switch assembly is inaccessible due to vehicle damage. In addition, these facilities and vehicle manufacturers must adhere to the approved mercury minimization plan with respect to the collection, storage, transportation, recycling, and handling of mercury switches and mercury switch assemblies upon removal from vehicles. Vehicle recyclers and scrap processing facilities must register with the End-of-Life Vehicle Solutions (ELVS) Program, which carries out the mercury minimization plan on behalf of vehicle manufacturers. The mercury switch program ensures that mercury auto switches and switch assemblies are removed from scrap vehicles and managed appropriately through the manufacturer collection program, preventing release of mercury to the environment.

Enforcement actions may be taken to ensure that vehicle recyclers and scrap processing facilities have registered with ELVS, are removing mercury switches and switch assemblies in compliance with the mercury minimization plan, and are keeping records required by statute.

AUTHORITY

STATE: Environment Article, Title 6, Subtitle 9.

PROCESS

Vehicle recyclers and scrap processing facilities must register with the ELVS Program and remove mercury switches and switch assemblies as described in the mercury minimization plan prior to processing the vehicle. The removed switches and switch assemblies are then returned in buckets provided by ELVS with pre-paid shipping. Vehicle recyclers and scrap processing facilities are required to maintain electronic records for 3 years, documenting the number of mercury switches and mercury switch assemblies collected, the number of end-of-life vehicles containing mercury switches, and the number of end-of-life vehicles processed for recycling. Any vehicle damage must also be noted in the normal business records of the vehicle recycler that delivers an end-of-life vehicle to a scrap processing facility.

The Department uses the ELVS database to determine which facilities have registered under the ELVS Program and whether those facilities have submitted any switches to ELVS. The Department conducts inspections of vehicle recyclers and scrap processing facilities to determine whether switches are being removed and to notify facility operators of the need to register and/or remove switches. Electronic records are also inspected to ensure they are being kept in compliance with the law. Penalties and corrective actions are used to address violations of the mercury switch requirements.

SUCSESSES/CHALLENGES

Since the beginning of the program in 2007, 69,014 switches have been collected, which equates to 151.83 pounds of mercury collected to date. The program was voluntary until 2009. FY 2015 was the first full year with an active inspection and enforcement component. The inspection and enforcement procedures for this Maryland-specific program had not been developed in previous years.

As of the end of FY 2015, 158 active vehicle recyclers and scrap processing facilities were registered with the ELVS program. However, all of these facilities were registered in prior fiscal years, so there were no new registrations during FY 2015 (registration with the ELVS Program lasts indefinitely and does not need to be renewed). In FY 2015, the Department inspected 143 vehicle recyclers and scrap processing facilities. The Department is coordinating mercury switch recovery inspections with the Department's scrap tire inspections to address any scrap tire licensing issues that may exist at these facilities. During FY 2015, administrative enforcement actions resulted in four site complaints being issued. These site complaints were ultimately satisfied with no penalties being assessed.

Vehicle manufacturers pay the vehicle recyclers and scrap processing facilities a bounty of \$4 or \$6 per switch recovered. The law also requires vehicle manufacturers to pay the State \$1 per switch recovered. This has been a challenge because the manufacturers only pay the State for switches accompanied by ELVS-required document that is complete and accurate. As a result, the State received only \$7,833 in payments in FY 2015, reflecting a slight decrease over monies received in FY 2014, even though 10,343 switches were returned in FY 2015. There is a 60-90 day delay for reimbursement of funds to the State. Some vehicle recyclers or scrap processing facilities do not consider the bounty to be worth the burden of filling out the ELVS-required documents. Since the switch bounty is considered income for tax purposes, some participants may also forego the bounty so as not to further complicate their tax filings.

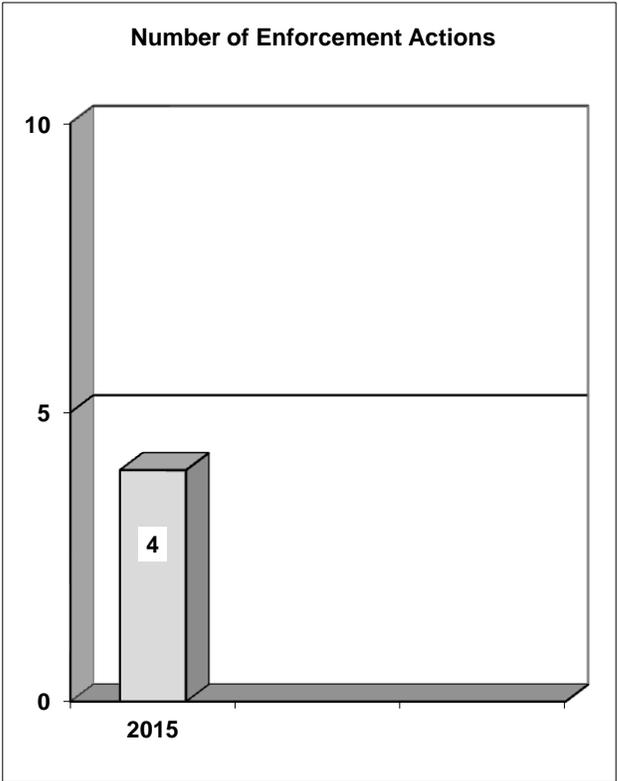
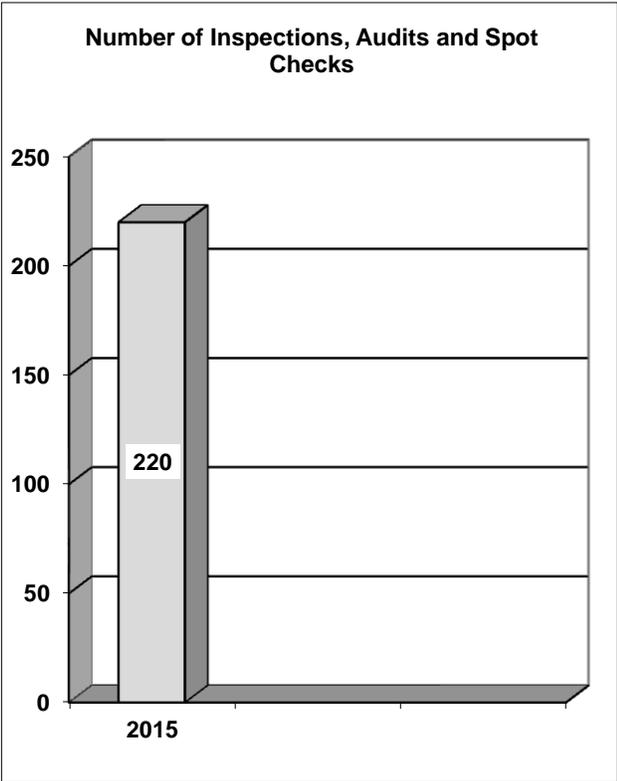
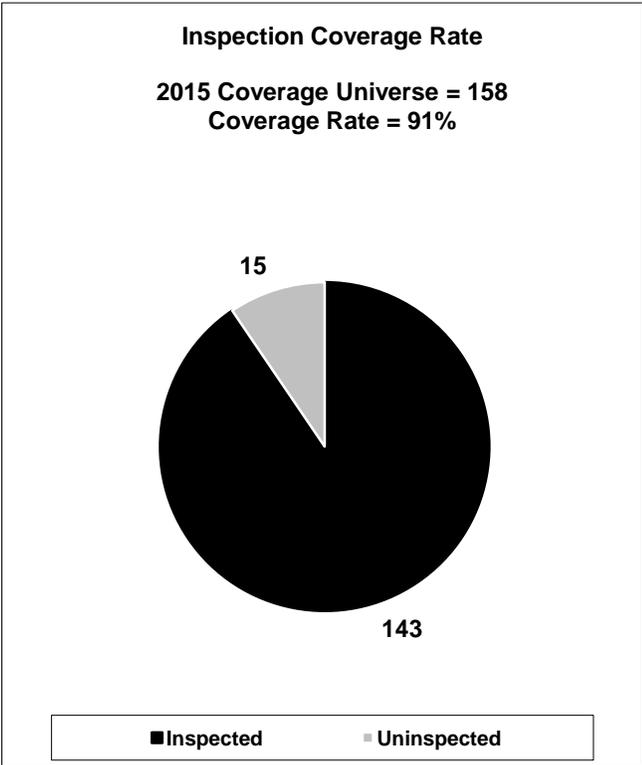
Another challenge is that participants are frequently slow to turn in switches they have collected. The Department's outreach efforts will continue to encourage the timely shipment of switches.

Finally, the electronic record-keeping requirement of the statute continues to be a difficult requirement for some facilities. While many of the vehicle recyclers and scrap processing facilities are large with sophisticated inventory control, others are small operations with limited computer capability.

Mercury Switch Recovery

Performance Measure	TOTAL																								
PERMITTED SITES/FACILITIES																									
Number of permits/registrations issued	0																								
Number of permits/registrations in effect at fiscal year end	0																								
OTHER REGULATED SITES/FACILITIES																									
Other regulated sites at fiscal year end	158																								
INSPECTIONS																									
Number of sites inspected ("inspected" defined as at the site)	143																								
Number of sites receiving off-site audits and record reviews, but not inspected	4																								
Number of sites evaluated for compliance (sum of the two measures above)	147																								
Number of inspections, spot checks (captures number of compliance activities at sites)	216																								
Number of audits (captures number of reviews of file/submittals for compliance)	4																								
Number of inspections, audits, spot checks (sum of the two measures above)	220																								
COMPLIANCE PROFILE																									
Number of inspected sites/facilities with significant violations	4																								
Percentage of inspected sites/facilities with significant violations	3%																								
Inspection coverage rate (number of sites inspected/coverage universe)	91%																								
SIGNIFICANT VIOLATIONS																									
Number of significant violations involving environmental or health impact	4																								
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)	4																								
DISPOSITION OF SIGNIFICANT VIOLATIONS																									
Resolved	4																								
Ongoing	0																								
ENFORCEMENT ACTIONS																									
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	4	0	4																						
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	4	0	4																						
Number of referrals to Attorney General for possible criminal action			0																						
PENALTIES																									
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$0																								

Mercury Switch Recovery



Electronics Recycling

PURPOSE

Maryland Statewide Electronics Recycling Program (MSERP) regulates the manufacturers and retailers of Covered Electronics 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 Department and pay a registration fee. The fee, which is paid annually, is based on the number of CEDs the manufacturer sold in Maryland in the previous year, as well as whether the manufacturer has an MDE-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 MDE.

AUTHORITY

STATE: Environment Article, Title 9, Subtitle 17.

PROCESS

Each manufacturer of a qualifying CED must complete and submit a registration form to MDE by the annual submission deadline of March 1. The Department tracks registrations and payments submitted by manufacturers of CEDs. Registration is valid for the remainder of the calendar year and becomes invalid on December 31 of the same calendar year. Industry sales data is used to determine the quantity of CEDs sold by each manufacturer in the previous year for the purpose of ensuring the correct fee was paid. 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. MDE's primary inspection and enforcement for the MSERP focuses on retailers. Retailers of CEDs are inspected to determine whether the CEDs being offered for sale by the retailer were manufactured by a registered manufacturer. Penalties and corrective actions are used to ensure retailers' compliance with the law.

SUCSESSES/CHALLENGES

FY 2015 was the first full year with an active inspection and enforcement component. The inspection and enforcement procedures for this Maryland-specific program had not been developed in previous years.

The retailer inspection program has been a success story during FY 2015. A positive working relationship with the electronics retailers resulted in 100% compliance of the retailers with the law. The Resource Management Program performed 360 inspections at 345 retailers during FY 2015 for an inspection coverage rate during FY 2015 of 36% (345 retailers inspected of the total 957 known sites). During FY 2015, 70 site complaints were issued and all were successfully resolved.

In FY 2015, MDE purchased national electronic manufacturer sales information. This has allowed for faster and more accurate review of manufacturer registration forms. It has allowed MDE to verify registration fees paid by several manufacturers, leading to recovery of additional fees.

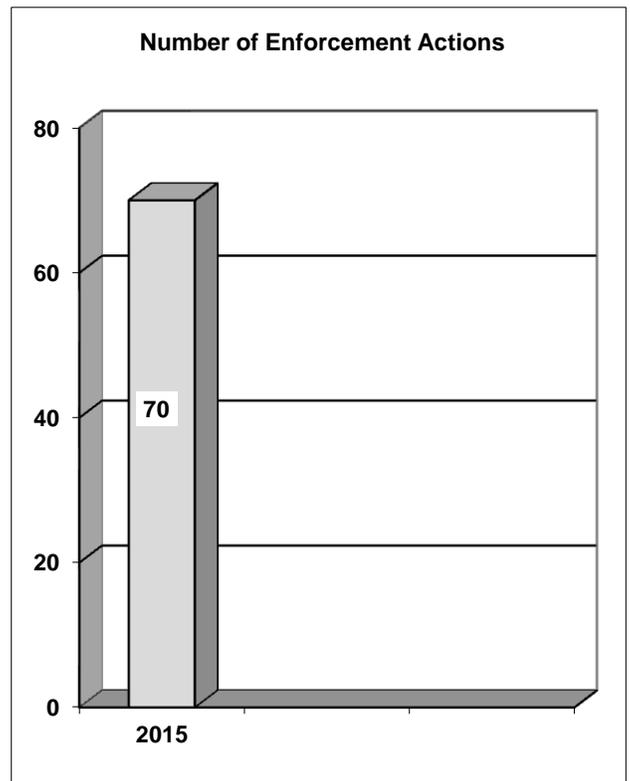
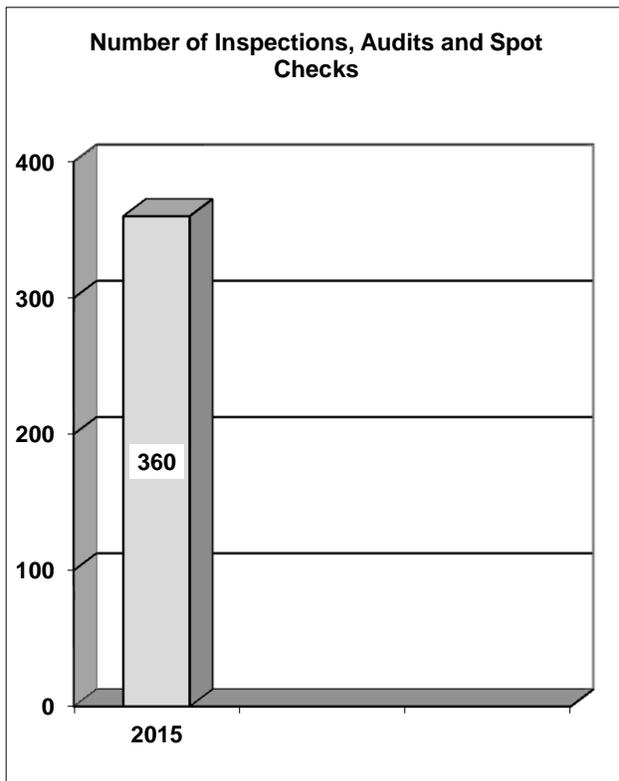
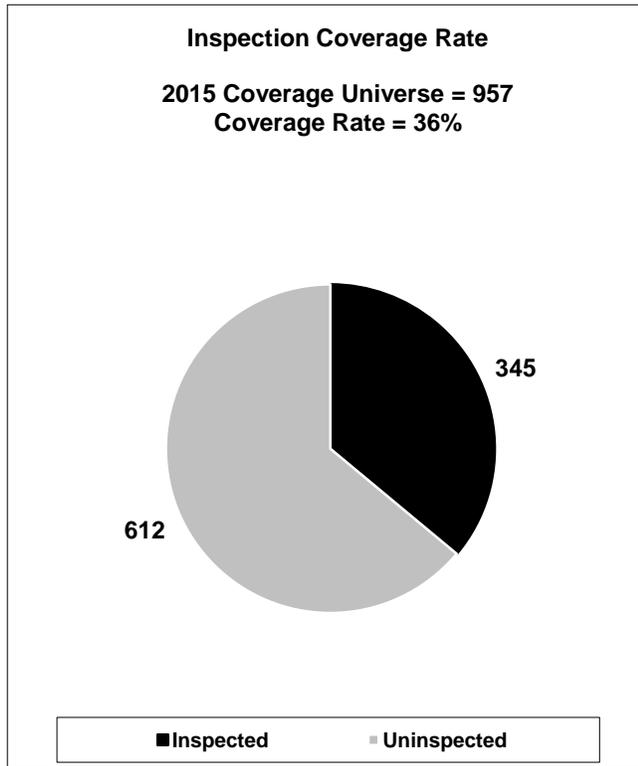
Because registrations are issued throughout the year as new manufacturers submit registration forms, and because all registrations expire December 31 regardless of the date they were issued, the number of registrations issued during a fiscal year will vary from the number that are in effect at the end of that fiscal year. This explains why 165 annual registrations were issued during FY 2015 and only 125 were in effect as of the end of the fiscal year.

Electronics Recycling

Performance Measure	TOTAL		
PERMITTED SITES/FACILITIES			
Number of registrations issued	165		
Number of registrations in effect at fiscal year end	125		
OTHER REGULATED SITES/FACILITIES			
Number of retail sites*	957		
INSPECTIONS			
Number of sites inspected ("inspected" defined as at the site)	345		
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)	345		
Number of inspections, spot checks (captures number of compliance activities at sites)	360		
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)	360		
COMPLIANCE PROFILE			
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)	36%		
SIGNIFICANT VIOLATIONS			
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		
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved	0		
Ongoing	0		
ENFORCEMENT ACTIONS			
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	70	0	70
Number of referrals to Attorney General for possible criminal action	0		
PENALTIES			
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 MANAGEMENT ADMINISTRATION

Water Management Administration

Executive Summary

The Water Management Administration (WMA) has inspection 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.

WMA'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.

The number of inspection and enforcement personnel relative to the number of regulated entities continues to be a challenge. For example, the WMA Compliance Program does not have a sufficient number of inspectors to meet the goal of inspecting every active construction site disturbing 5,000 square feet or more every two weeks. 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. The Compliance Program adjusted its erosion and sediment control inspection priorities in February 2013 which shifted the focus to large construction sites. Larger sites take longer to inspect and may hold multiple Agency permits, which may translate to fewer sites visited, but their impact when in noncompliance can be much greater than small sites. There have also been inspector vacancies due to staff leaving State service that impacted the overall number of inspections performed. During FY 2015, the Compliance Program assigned two contractual employees to perform inspections at industrial stormwater sites in Maryland in accordance with an EPA grant.

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. This has placed additional burden on existing staff and continues to be a challenge. However, 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 (MdTA). Currently, all new construction projects undertaken by these agencies will be reviewed and approved by SHA and MdTA. 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 500 dams, 58 of which are breached and not inspected on a regular basis. A total of 623 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. A significant compliance concern for SSDSP is that approximately half of Maryland's high-hazard dams lack current Emergency Action Plans, which are critical for storm preparedness and public safety. Unfortunately MDE lacks the authority to compel regular updating and submission of these plans for many dams.

Staff additions to SSDSP over the last year have eased the workload of the existing Dam Safety Division (DSD) personnel. A division chief was hired in March 2015, filling a critical management vacancy that existed for four years. Additionally, another engineering vacancy was filled and workloads are being redistributed among all staff. The DSD also helped provide guidance to soil conservation districts and county stormwater management agencies regarding dam safety implications of small pond and embankment retrofit projects. It is hoped that this will decrease the number of small pond reviews that the DSD performs and allow staff to concentrate on larger structures.

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 water systems, review of design plans for new or upgraded water treatment, and prompt response to water supply emergencies.

In FY 2015, 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 the Department 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. This fiscal year WSP's data highlights improved compliance on existing water systems. WSP's drinking water database is being converted to an EPA preferred database called SDWIS-State. As a result of this conversion the program's database had to be "frozen" as of April 2015, therefore, the performance measures for public water systems in this report cover only three quarters of data.

During FY 2015, WSP continued to provide additional enforcement focus on the special conditions in Water Appropriation and Use permits. Compliance reviews of flow-by and audit conditions were conducted. Notices of violation were sent to systems with outstanding reporting requirements, expired permits, and those who used water in excess of their permitted allocation.

**Water Management Administration
Performance Measures Executive Summary**

	<u>2014 Totals</u>	<u>2015 Totals</u>
<u>PERMITTED SITES/FACILITIES</u>		
Number of Permits/Licenses Issued	4,283	6,241
Number of Permits/Licenses in Effect at Fiscal Year End	38,780	29,150
<u>OTHER REGULATED SITES/FACILITIES</u>		
Other Sites	4,122	3,649
<u>INSPECTIONS</u>		
Number of Sites Inspected	5,094	4,960
Number of Sites Audited but Not Inspected	3,040	3,408
Number of Inspections, Audits, Spot Checks	54,159	45,965
<u>ENFORCEMENT ACTIONS</u>		
Number of Compliance Assistance Rendered	8,782	6,894
Number of Enforcement Actions Taken*	1,134	1,188
<u>PENALTIES</u>		
Amount of Administrative or Civil Penalties Obtained	\$2,102,821	\$1,661,908

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

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 and 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.

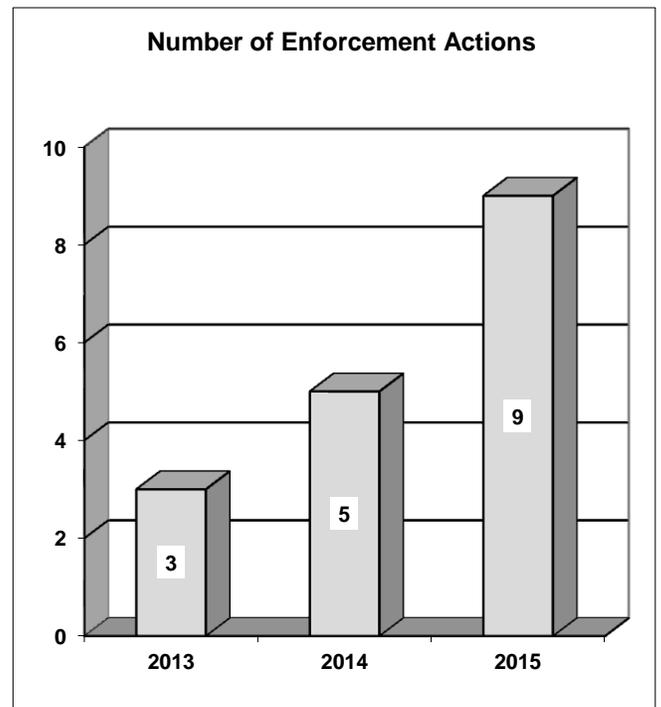
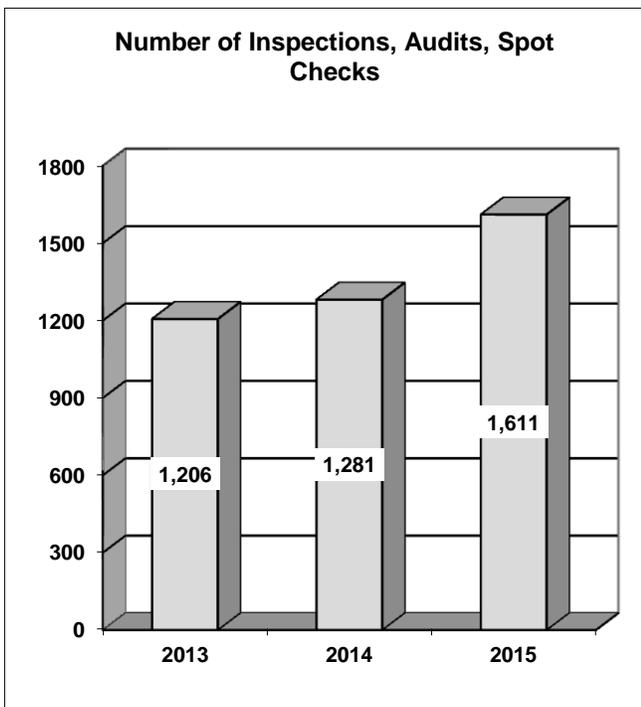
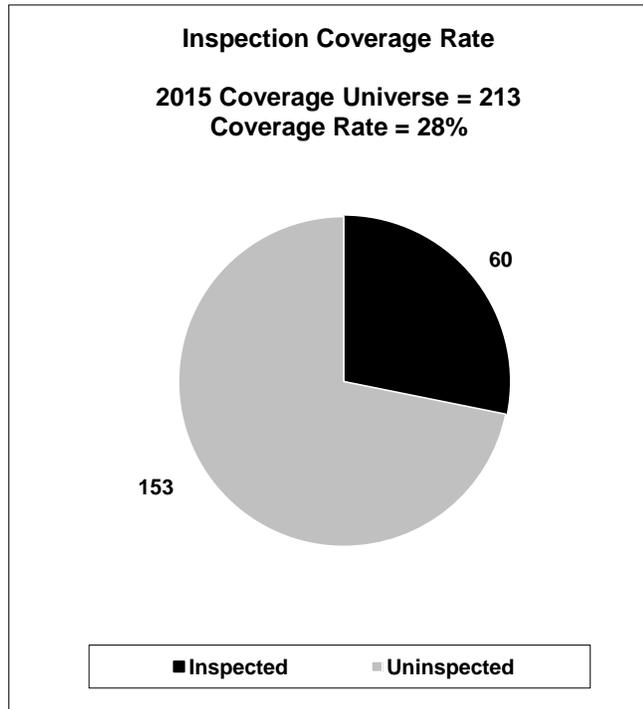
SUCCESSES/CHALLENGES

WMA continues to investigate and pursue enforcement cases to address groundwater pollution. WMA is currently working with the Attorney General's Office on a number of additional enforcement cases to address groundwater pollution concerns.

Discharges – Groundwater (Municipal and Industrial)

Performance Measure			TOTAL
PERMITTED SITES/FACILITIES			
Number of permits/licenses issued			39
Number of permits/licenses in effect at fiscal year end			213
INSPECTIONS			
Number of sites inspected (“inspected” defined as at the site)			60
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)			118
Number of sites evaluated for compliance (sum of the two measures above)			178
Number of inspections, spot checks (captures number of compliance activities at sites)			88
Number of audits (captures number of reviews of file/submittals for compliance)			1,523
Number of inspections, audits, spot checks (sum of the two measures above)			1,611
COMPLIANCE PROFILE			
Number of inspected sites/facilities with significant violations			1
Percentage of inspected sites/facilities with significant violations			2%
Inspection coverage rate (number of sites inspected/coverage universe)			28%
SIGNIFICANT VIOLATIONS			
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			26
Total number of significant violations (sum of the three measures above)			28
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved			7
Ongoing			21
ENFORCEMENT ACTIONS			
Number of compliance assistance rendered			1
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	5	1	6
Number of stop work orders	0	0	0
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	3	0	3
Number of referrals to Attorney General for possible criminal action			0
PENALTIES			
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$12,950

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). DMRs are reviewed in the office and 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

Note that the number of surface water permits reflects a large decrease from those reported in FY 2014. During FY 2015, the Compliance Program issued a new General Permit for Stormwater Associated with Construction Activity, which took effect January 1, 2015. The Compliance Program required those holding permit coverage under previous, expired versions of the General Permit to reapply for coverage under the new General Permit. More than 2,000 did so, but several thousand more did not. The Compliance Program believes that nearly all the projects that did not renew permit coverage are those which are now complete, and for which the permittees never submitted a Notice of Termination. Thus, WMA expects that this year’s number of surface water permits in effect is more accurate than in previous years, as those numbers likely included thousands of inactive construction projects that simply failed to terminate permit coverage.

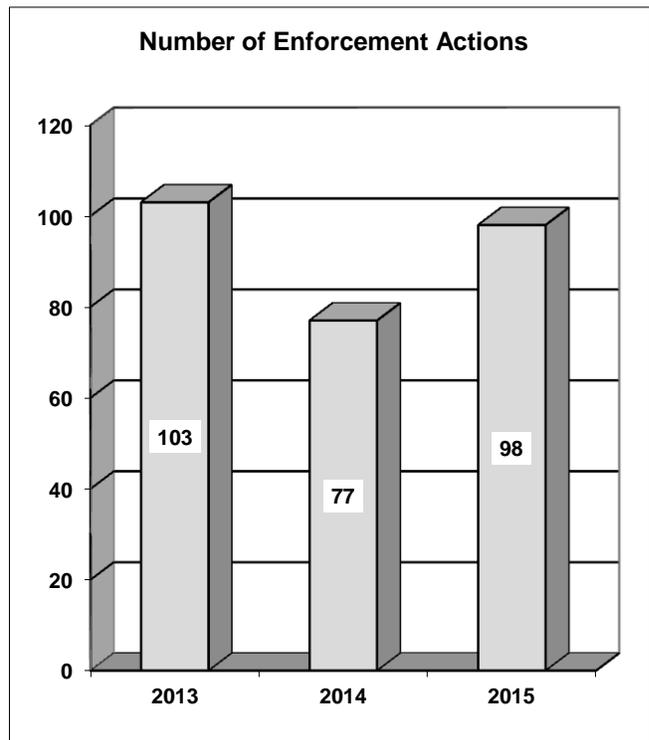
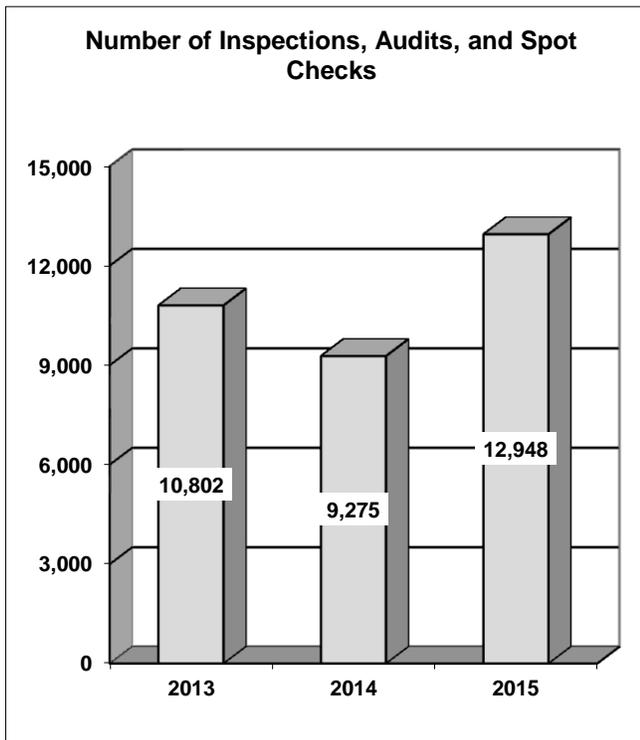
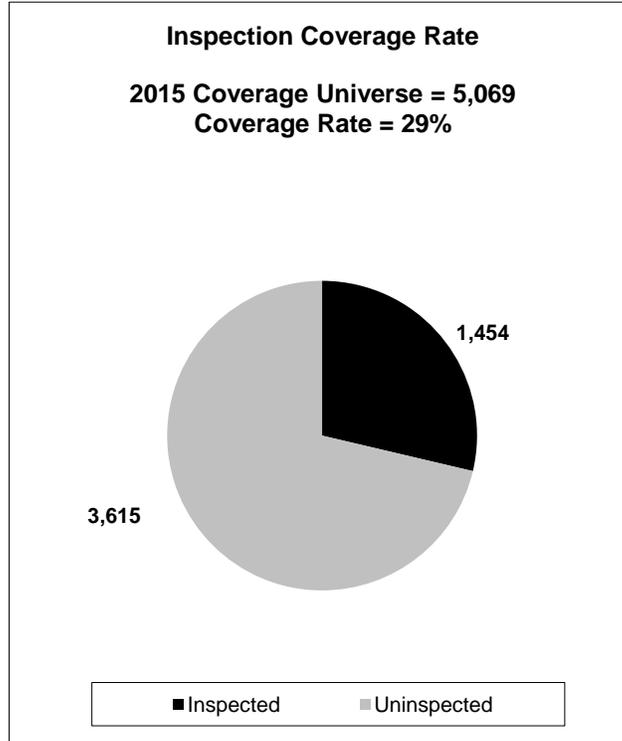
WMA is actively pursuing hundreds of cases involving surface water pollution. The Compliance Program inspects sites to check for compliance with numerous laws, regulations and permits or other authorizations addressing wastewater discharges, surface water and groundwater pollution, stormwater discharges 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. The number of inspection and enforcement personnel relative to the number of regulated entities continues to be a challenge.

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

Performance Measure		TOTAL	
PERMITTED SITES/FACILITIES			
Number of permits/licenses issued*		3,250	
Number of permits/licenses in effect at fiscal year end		5,069	
INSPECTIONS			
Number of sites inspected (“inspected” defined as at the site)		1,454	
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)		940	
Number of sites evaluated for compliance (sum of the two measures above)		2,394	
Number of inspections, spot checks (captures number of compliance activities at sites)		3,105	
Number of audits (captures number of reviews of file/submittals for compliance)		9,843	
Number of inspections, audits, spot checks (sum of the two measures above)		12,948	
COMPLIANCE PROFILE			
Number of inspected sites/facilities with significant violations		62	
Percentage of inspected sites/facilities with significant violations		4%	
Inspection coverage rate (number of sites inspected/coverage universe)		29%	
SIGNIFICANT VIOLATIONS			
Number of significant violations involving environmental or health impact		97	
Number of significant violations based on technical/preventative deficiencies		12	
Number of significant violations carried over awaiting disposition from previous fiscal year		159	
Total number of significant violations (sum of the three measures above)		268	
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved		105	
Ongoing		163	
ENFORCEMENT ACTIONS			
Number of compliance assistance rendered		28	
	Administrative	Civil/Judicial	Total
Number of show cause, remedial, corrective actions issued	14	3	17
Number of stop work orders	0	0	0
Number of injunctions obtained	0	0	0
Number of penalty and other enforcement actions	79	2	81
Number of referrals to Attorney General for possible criminal action			0
PENALTIES			
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$1,224,336

* 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 182 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 WMA, and incorporated by reference into the NPDES permit issued by WMA. Local governments are responsible for issuing penalties and enforcement actions associated with this program; therefore, those numbers are not reflected in WMA'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.

WMA 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 WMA.

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 2015, the program met that requirement.

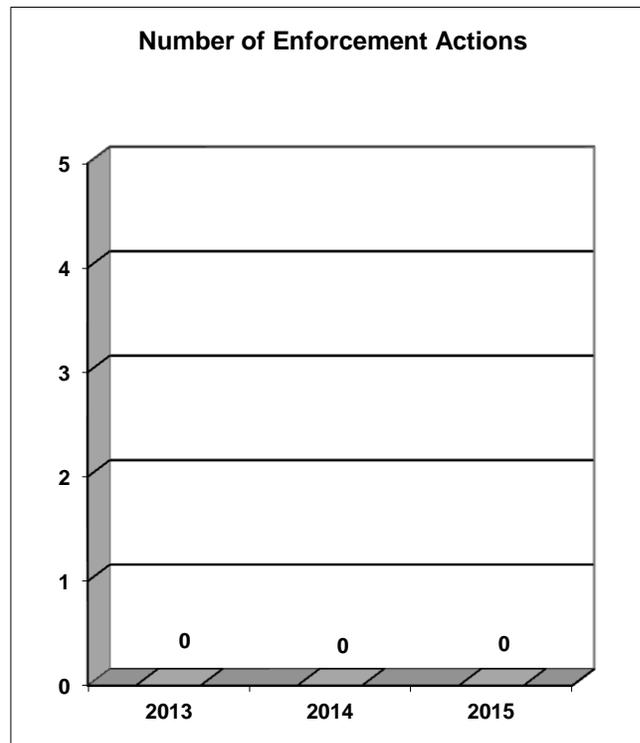
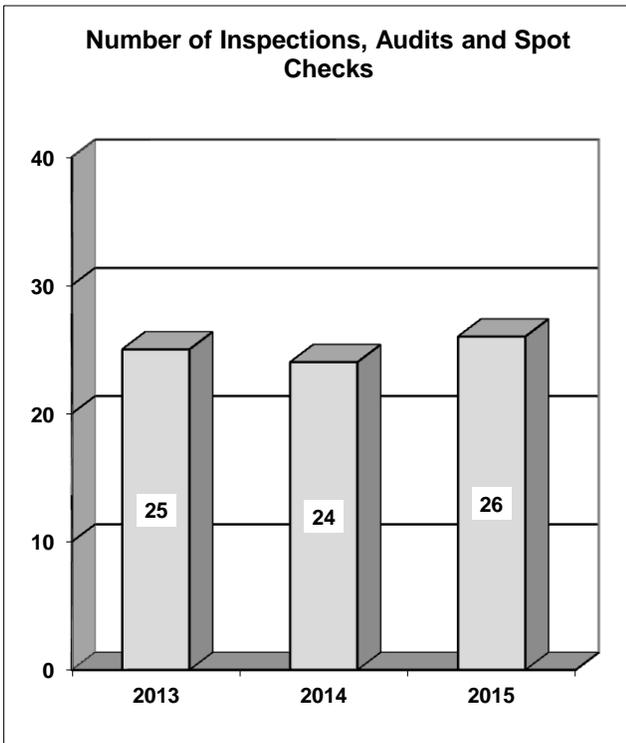
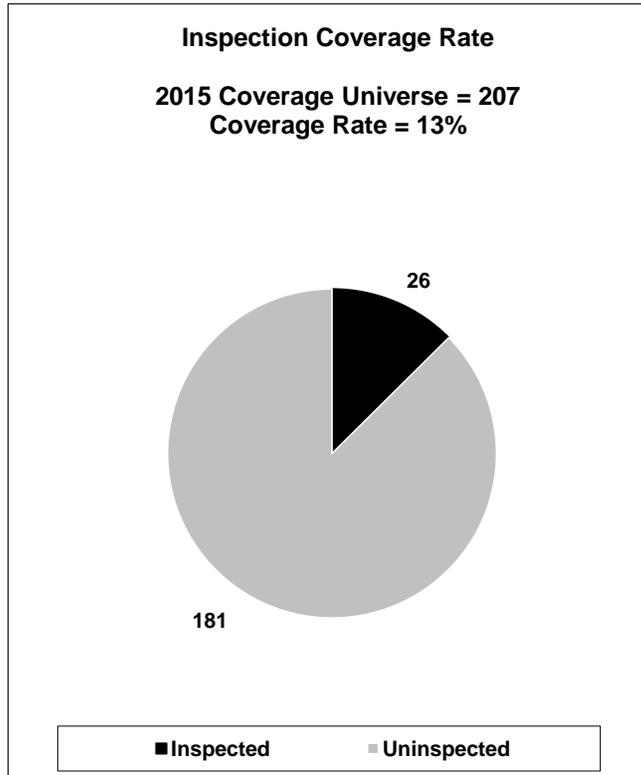
Discharges – Pretreatment (Industrial)

Performance Measure	TOTAL																								
PERMITTED SITES/FACILITIES																									
Number of permits/licenses issued	0																								
Number of permits/licenses in effect at fiscal year end *	5																								
OTHER REGULATED SITES/FACILITIES																									
POTWs	20																								
POTW issued permits (delegated programs)	182																								
INSPECTIONS																									
Number of sites inspected (“inspected” defined as at the site)	26																								
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)	26																								
Number of inspections, spot checks (captures number of compliance activities at sites)	26																								
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)	26																								
COMPLIANCE PROFILE																									
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) **	13%																								
SIGNIFICANT VIOLATIONS																									
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																								
DISPOSITION OF SIGNIFICANT VIOLATIONS																									
Resolved	0																								
Ongoing	0																								
ENFORCEMENT ACTIONS																									
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;">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																						
PENALTIES																									
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 14 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 WMA'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. During FY 2015, SSDSP entered into an agreement with the State Highway Administration (SHA) under which SHA reviews and approves its own plans. SHA is also responsible for inspection of its active construction sites.

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

Although inspections remain a priority, the Compliance Program does not have a sufficient number of inspectors to meet the goal of inspecting every active construction site disturbing 5,000 square feet or more every two weeks. WMA focuses on large construction sites in non-delegated areas and State and federal projects, along with sites brought to MDE's attention by citizen complaints. The Compliance Program adjusted its erosion and sediment control inspection priorities in February 2013, which shifted the focus to large construction sites. Larger sites take longer to inspect, which translates to fewer sites visited, but their impact when in noncompliance can be much greater than small sites. There have also been inspector vacancies due to staff leaving State service that impacted the overall number of inspections performed.

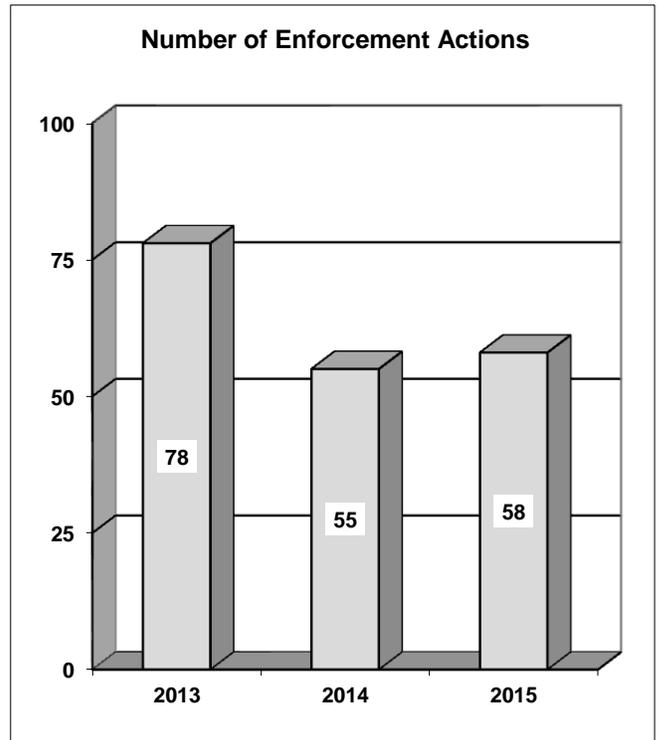
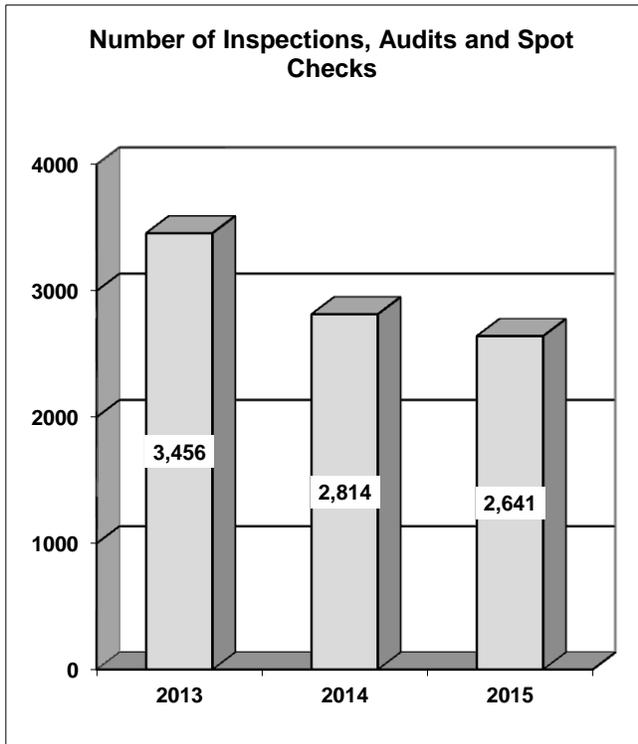
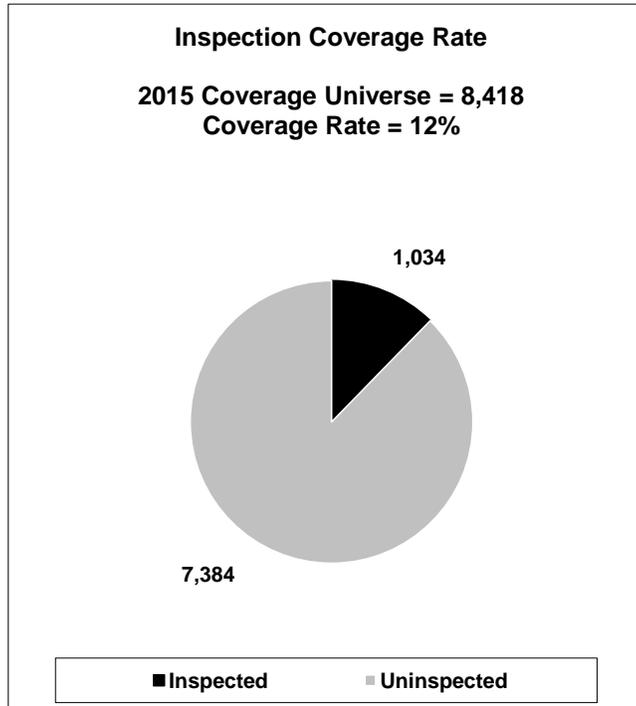
As in previous years, the Allegany, Caroline, Frederick, and Queen Anne's Soil Conservation Districts continued to perform Erosion and Sediment Control inspections on behalf of MDE under Memoranda of Understanding. These districts are independent of county government. The numbers of sites inspected and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

Exercising the authority provided by a 2013 State law change (HB 97), 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 (MdTA). Currently, all new construction projects undertaken by these agencies will be reviewed and approved by SHA and MdTA. This transfer of erosion and sediment control and stormwater plan review authority will help decrease SSDSP's direct plan review responsibilities.

Stormwater Management and Erosion & Sediment Control for Construction Activity

Performance Measure	TOTAL
PERMITTED SITES/FACILITIES	
Number of approvals issued	227
Number of approvals in effect at fiscal year end	8,418
INSPECTIONS	
Number of sites inspected ("inspected" defined as at the site)	1,034
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)	1,034
Number of inspections, spot checks (captures number of compliance activities at sites)	2,641
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)	2,641
COMPLIANCE PROFILE	
Number of inspected sites/facilities with significant violations	53
Percentage of inspected sites/facilities with significant violations	5%
Inspection coverage rate (number of sites inspected/coverage universe)	12%
SIGNIFICANT VIOLATIONS	
Number of significant violations involving environmental or health impact	54
Number of significant violations based on technical/preventative deficiencies	0
Number of significant violations carried over awaiting disposition from previous fiscal year	110
Total number of significant violations (sum of the three measures above)	164
DISPOSITION OF SIGNIFICANT VIOLATIONS	
Resolved	65
Ongoing	99
ENFORCEMENT ACTIONS	
Number of compliance assistance rendered	21
	Administrative Civil/Judicial Total
Number of show cause, remedial, corrective actions issued	3 2 5
Number of stop work orders	0 0 0
Number of injunctions obtained	0 0 0
Number of penalty and other enforcement actions	52 1 53
Number of referrals to Attorney General for possible criminal action	0
PENALTIES	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$370,122

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 withdrawal and use permits for both public and private water users, and commercial and agricultural entities statewide. In addition, the program certifies laboratories that analyze water samples and issues licenses for water samplers. Because all of these activities reside together in WSP, Maryland has the unique opportunity 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.

Community and Non-Transient Non-Community Water Systems

WSP regulates approximately 1,010 community water systems (including municipal, county, and private systems), and non-transient non-community water systems (such as businesses, schools, and day cares 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 2,334 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. Nineteen of the twenty-three counties have accepted delegated authority for these systems, and WSP directly enforces the requirements for the four 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 Permits

The Water Supply Program (WSP) regulates water withdrawals and diversions through a permitting program to conserve and protect the State's water resources. 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. This means that the quantity must be reasonable for its intended purpose, the impacts of the use to the natural resources of the State must not be unreasonable, and the impacts to other users must not be unreasonable.

AUTHORITY

Public Drinking Water and Drinking Water Laboratory Certification

FEDERAL: Safe Drinking Water Act; 40 CFR 141, 142, and 143

STATE: Environment Article, Title 9, Subtitles 2, 4, and 5; COMAR 26.04.01 and COMAR 26.08.05

Water Appropriation Permits

STATE: Environment Article, Title 5, Subtitles 2, 3, 4, and 5; COMAR 26.17.06 and COMAR 26.17.07

PROCESS

Community and Non-Transient Non-Community Water Systems

WSP uses a multiple-barrier 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 30,000 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

Nineteen of the twenty-three 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 241 transient non-community water systems in Prince George's, Montgomery, Cecil, and Wicomico counties since these four 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 approximately 103 in-State and 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 Permits

The Water Appropriation Permit review process is complex, and requires significant technical evaluation. Applicants are required to submit the results of aquifer tests and hydrogeologic investigations for review by program geologists in order to ensure proper management of Maryland's water resources. WSP staff conduct hydrogeologic investigations on behalf of agricultural applicants. 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.

The new data management system (WSIP) which went into production in 2014 uses a web-based format that is geographically based, and project managers can more easily analyze withdrawal requests and evaluate their impacts in relation to other nearby permits. The IT contractor continued to work on refinement of the WSIP in FY 2015.

In FY 2015, 702 water appropriation permits were issued. At the end of the FY 2015, there were 9,130 active permits reflecting a total annual average authorized use of about 10 billion gallons per day.

SUCSESSES/CHALLENGES

Community and Non-transient Non-community Water Systems

In FY 2015, 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. However, it is typical that even with the additional assistance from WSP, the smaller systems have difficulties with the implementation of new regulations in the first years after the rules become effective resulting in an increase in the number of technical violations. This fiscal year WSP's data highlights improved compliance with existing regulations as most recent rules are phased-in for community and non-transient non-community water systems.

Since 1990, the program has relied on an in-house developed database called Public Drinking Water Information System (PDWIS), for reporting, monitoring and archiving data. In FY 2013, the federal Environmental Protection Agency awarded a grant for the replacement of PDWIS. In FY 2015, an Information Technology contractor initiated a conversion from PDWIS into SDWIS-State, a database developed by EPA for tracking public drinking water system water quality and compliance nationwide. At the time of this report, WSP's electronic records were in the process of being converted to SDWIS-State. It is expected that the database will be operational in FY 2016. The revised FY 2015 numbers will be reported with the FY 2016 annual report.

Water Appropriation Permits

The Department finalized regulations reflecting new legislation that authorizes the Department to give priority consideration for water use to public water systems that serve municipal corporations or priority funding areas in Frederick, Carroll, and Washington Counties; the effective date of the regulations is December 22, 2014. WSP is reviewing the first application submitted under these regulations.

Agricultural water use permits continue to represent the great majority of new and increased water use requests of 10,000 gallons per day. Most of these uses are for irrigation or grain/corn grown in support of the large number of chickens raised on the Delmarva Peninsula.

Notices of violation were sent to systems who failed to complete reporting requirements, or operated with expired permits, and those who used water in excess of their permitted allocation. These activities were reduced in FY 2015, due to staff turnover. However, in FY 2015, the program collected \$6,500, its first enforcement penalty for significant violations of the Water Appropriation and Use Permit.

Laboratory Certification

In early FY 2015, the Laboratory Certification Program had two full-time staff, meaning each staff person was responsible for the certification of more than 50 laboratories, the highest ratio in the Region III States. As a result, the program was outsourcing the on-site audits of certain laboratories every three years in order to overcome the backlog.

During FY 2015, WSP transferred one staff from the compliance unit within WSP to the Laboratory Certification Program. The new staff person was trained and successfully passed EPA's certification exam. WSP now has three certification officers that are full trained and certified which reduced the individual workload and eliminated the need for outsourcing. In FY 2015, the Laboratory Certification Program was able to complete all triennial inspections for the year. Maryland's ratio of laboratories per certification officer is now about 35 laboratories for each certification officer which is still the highest in the region. A typical ratio for other states is about 8 to 10 per lab certification officer.

Public Water System Enforcement

As of March 31, 2015, 418 notices of violation were issued to 166 community and non-transient non-community water systems. 58 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

(Through 3/31/15 due to database upgrade)

Performance Measure			TOTAL
PERMITTED SITES/FACILITIES			
Number of permits/licenses issued			0
Number of permits/licenses in effect at fiscal year end			0
OTHER REGULATED SITES/FACILITIES			
Number of community and non-transient non-community water systems *			1,010
INSPECTIONS			
Number of sites inspected ("inspected" defined as at the site)			440
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)			704
Number of sites evaluated for compliance (sum of the two measures above)			1,010
Number of inspections, spot checks (captures number of compliance activities at sites)			440
Number of audits (captures number of reviews of file/submittals for compliance)			17,114
Number of inspections, audits, spot checks (sum of the two measures above)			17,554
COMPLIANCE PROFILE			
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) ***			43%
SIGNIFICANT VIOLATIONS			
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
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved			0
Ongoing			2
ENFORCEMENT ACTIONS			
Number of compliance assistance rendered ****			1,010
	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	418	0	418
Notices given to public by water systems under Section 9-410			79
Number of referrals to Attorney General for possible criminal action			0
PENALTIES			
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$0

* 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 1,019.

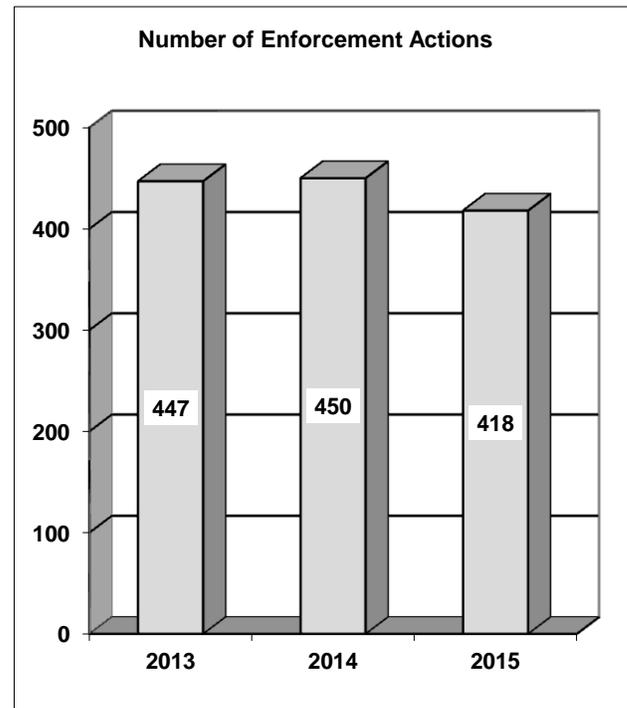
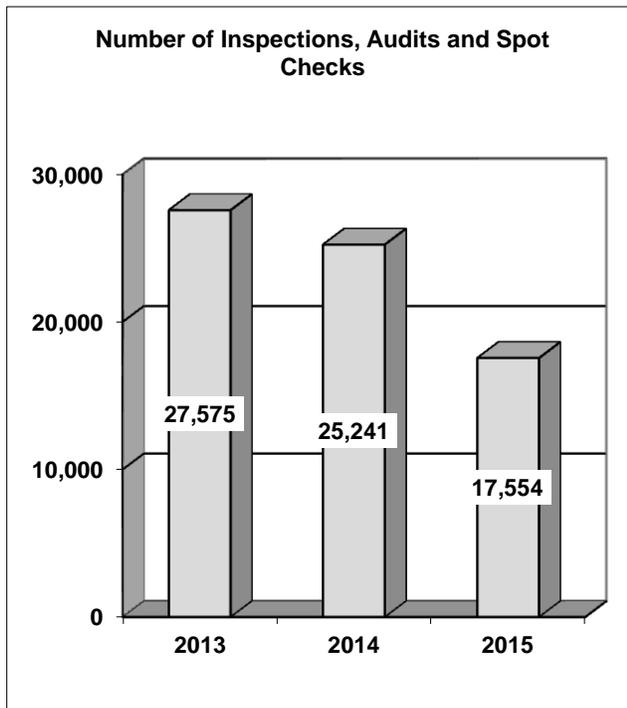
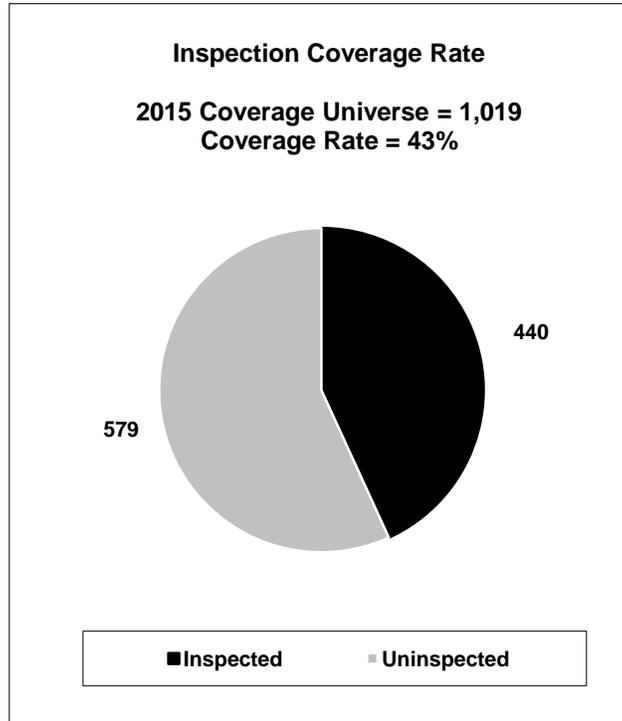
** Number of sites in significant violation includes sites with violations carried over. MDE adopted a new policy for significant violations that was implemented in FY 2009.

*** 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

(Through 3/31/15 due to database upgrade)

Performance Measure			TOTAL
PERMITTED SITES/FACILITIES			
Number of permits/licenses issued			N/A
Number of permits/licenses in effect at fiscal year end			N/A
OTHER REGULATED SITES/FACILITIES			
Number of transient non-community water systems			2,334
INSPECTIONS			
Number of sites inspected ("inspected" defined as at the site)			422
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)			1,542
Number of sites evaluated for compliance (sum of the two measures above)			1,964
Number of inspections, spot checks (captures number of compliance activities at sites)			422
Number of audits (captures number of reviews of file/submittals for compliance)			7,662
Number of inspections, audits, spot checks (sum of the two measures above)			8,084
COMPLIANCE PROFILE			
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) *			18%
SIGNIFICANT VIOLATIONS			
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
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved			0
Ongoing			2
ENFORCEMENT ACTIONS			
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	225	0	225
Notices given to public by water systems under Section 9-410 **			110
Number of referrals to Attorney General for possible criminal action			0
PENALTIES			
Amount of administrative or civil penalties obtained (\$ collected in FY)			\$0

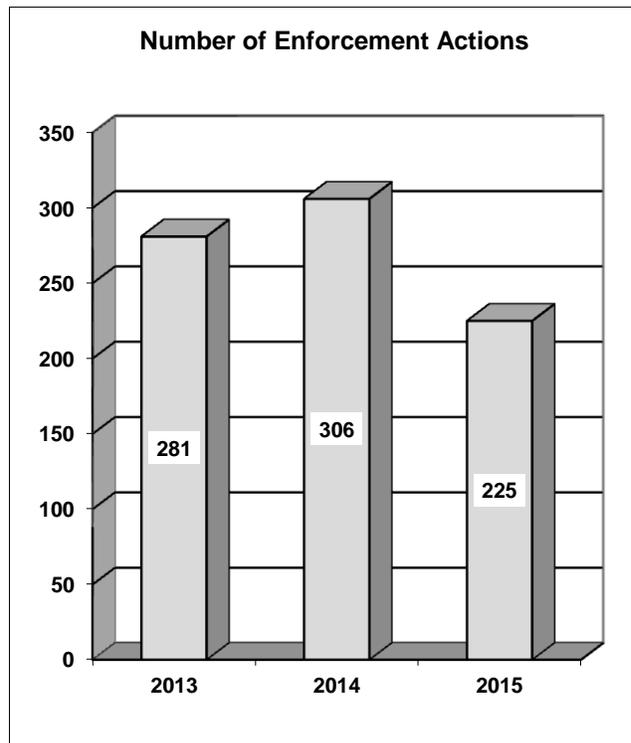
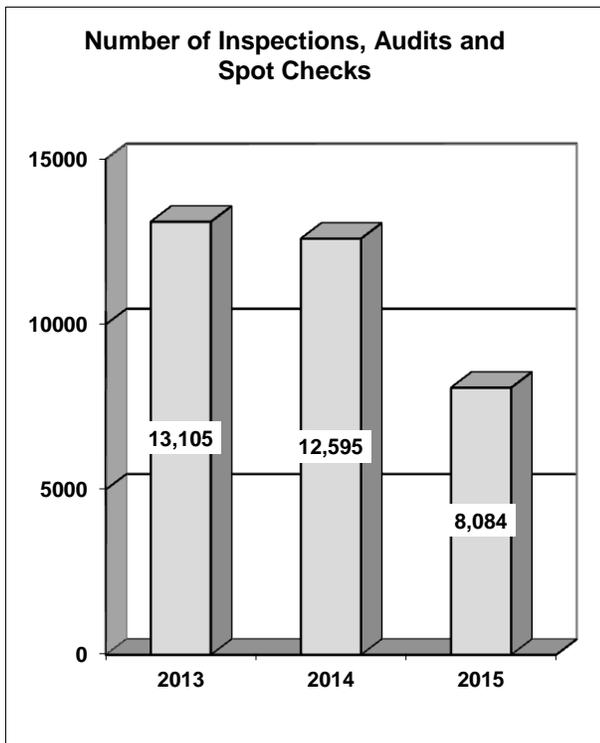
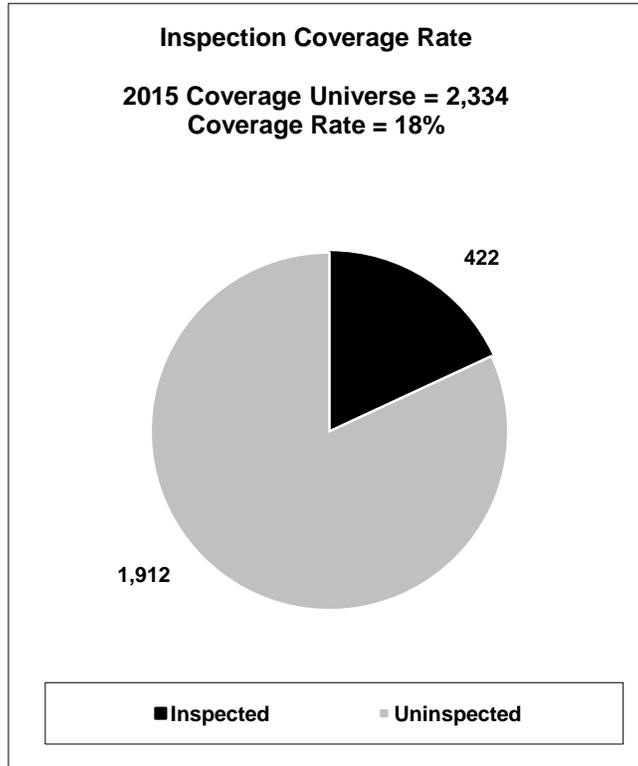
* Coverage rate is computed by dividing the number of inspected systems by the total number of transient non-community water systems.

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

Note: MDE adopted a new policy for significant violations that was implemented in FY 2009.

Water Supply Program

Transient Non-Community Water Systems



Water Supply Program

Drinking Water Laboratory Certification

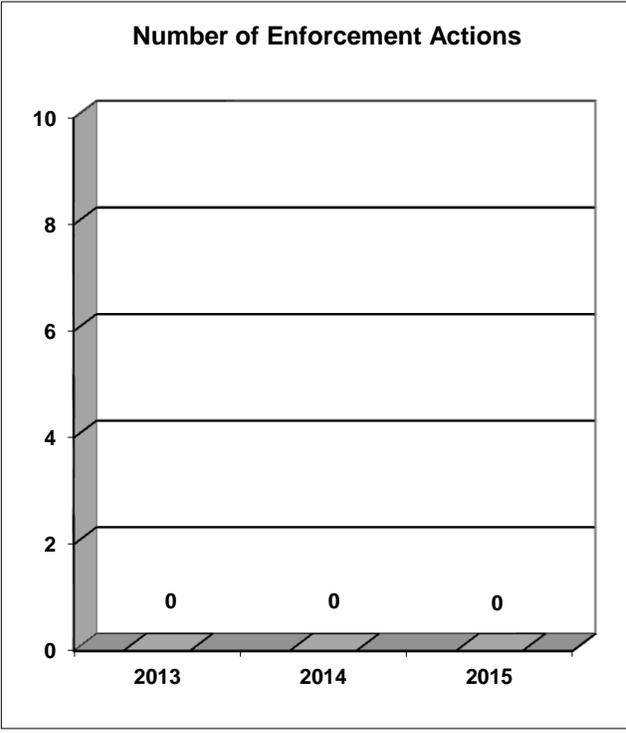
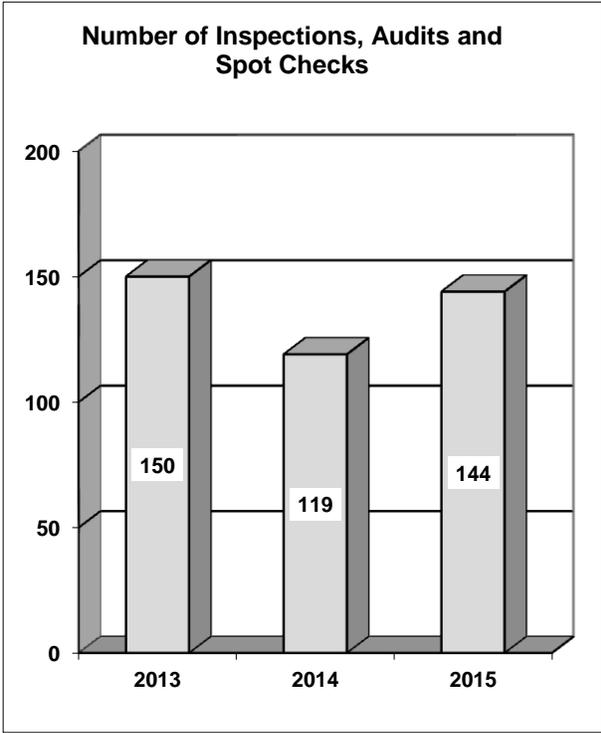
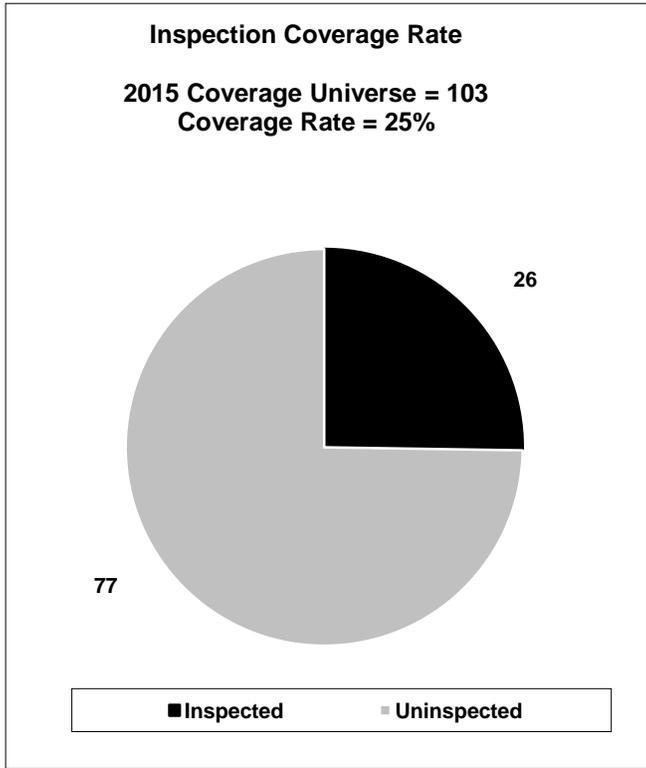
Performance Measure	TOTAL																				
PERMITTED SITES/FACILITIES																					
Number of permits/licenses issued	113																				
Number of permits/licenses in effect at fiscal year end	103																				
OTHER REGULATED SITES/FACILITIES																					
Number of state-certified drinking water laboratories*	103																				
INSPECTIONS																					
Number of sites inspected ("inspected" defined as at the site)	26																				
Number of sites audited but not inspected (places where MDE reviewed submittals but did not go to the site)	99																				
Number of sites evaluated for compliance (sum of the two measures above)	125																				
Number of inspections, spot checks (captures number of compliance activities at sites)	36																				
Number of audits (captures number of reviews of file/submittals for compliance)	108																				
Number of inspections, audits, spot checks (sum of the two measures above)	144																				
COMPLIANCE PROFILE																					
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)*	25%																				
SIGNIFICANT VIOLATIONS																					
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																				
DISPOSITION OF SIGNIFICANT VIOLATIONS																					
Resolved	0																				
Ongoing	0																				
ENFORCEMENT ACTIONS																					
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;">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> </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
	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																				
PENALTIES																					
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

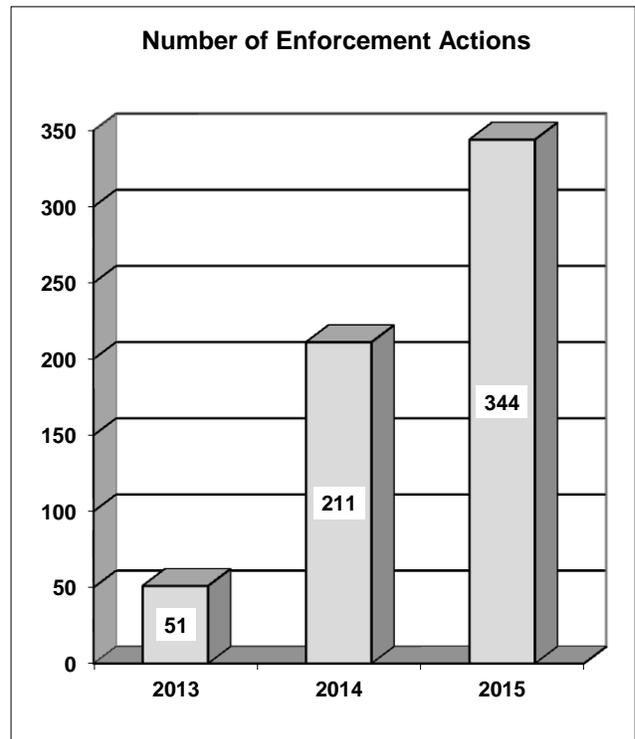
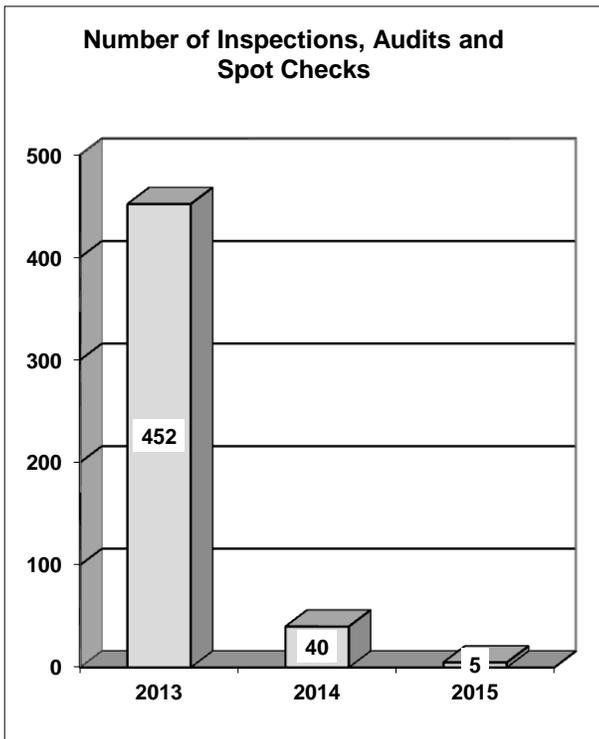
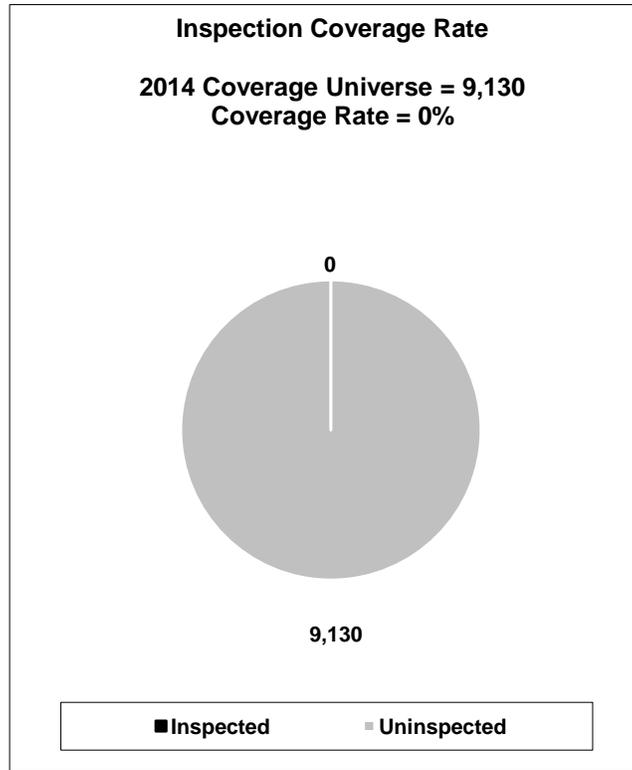
Water Appropriation Permits

Performance Measure	TOTAL
PERMITTED SITES/FACILITIES	
Number of permits/licenses issued	702
Number of permits/licenses in effect at fiscal year end	9,130
OTHER REGULATED SITES/FACILITIES	
	N/A
INSPECTIONS	
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)	5
Number of sites evaluated for compliance (sum of the two measures above)	5
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)	5
Number of inspections, audits, spot checks (sum of the two measures above)	5
COMPLIANCE PROFILE*	
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%
SIGNIFICANT VIOLATIONS	
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
DISPOSITION OF SIGNIFICANT VIOLATIONS	
Resolved	0
Ongoing	0
ENFORCEMENT ACTIONS	
Number of compliance assistance rendered	5,663
	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	344 0 344
Notices given to public by water systems under Section 9-410	N/A
Number of referrals to Attorney General for possible criminal action	0
PENALTIES	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$6,500

* 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

Upon issuance of a permit, copies of the approved plans and a copy of the Permit are forwarded to the Compliance Program. 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:

Hazard Class	Number in Category	Inspection Frequency	Sites Targeted/Year
High	82	Annually	82
Significant	113	Every 3 years	38
Low	247	Every 6 years	41
Total	442	--	161

In addition, the Division inspects sites with permits to construct new dams, reinspects existing dams when problems are found during the initial inspection, and inspects SCD ponds and Natural Resources Conservation Service dams.

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

Maryland’s inventory of dams contains a total of 500 structures. 58 dams have been breached, leaving a total of 442 that are operational. Of these, 82 dams are considered “high hazard,” 113 are “significant hazard,” and 247 are “low hazard.” The Dam Safety Division performed 162 inspections in FY 2015. A total of 59 “high hazard” dams out of 82 have been inspected with the remaining structures scheduled for inspection by the end of calendar year 2015.

As shown below, 623 permits were in effect as of the end of FY 2015. This number reflects the number of inventoried dams (442) plus the number of maintenance and repair permits issued.

The total number of dams required to be inspected by the Dam Safety Division plus the small pond permits that have been issued over the last several years have made it very difficult for MDE to keep up with routine evaluations of dams that are on Maryland’s inventory. The Division receives many weekly requests for technical expertise regarding small embankment facilities that are not its direct responsibility. This has taxed current staff. The Division is engaging the soil conservation districts and local county stormwater management officials in helping with this extra workload. In some areas of the State, this has helped significantly. The Division will continue these efforts in the future.

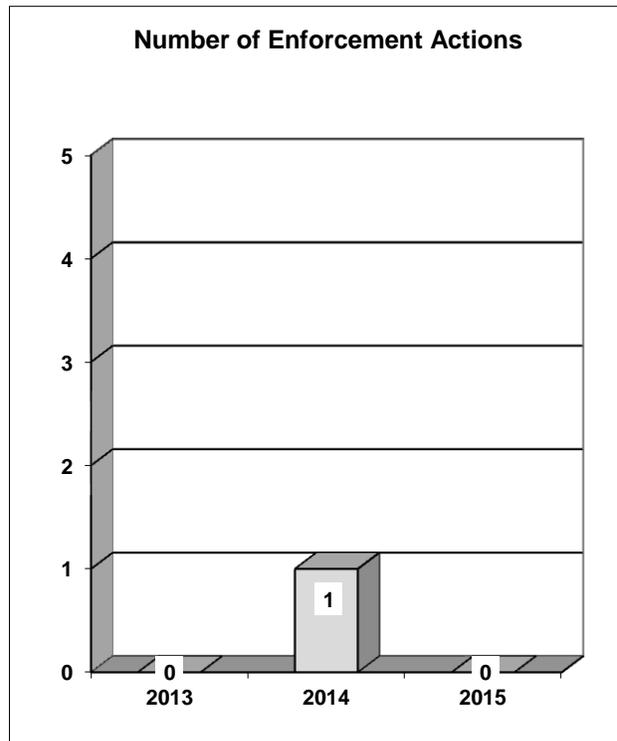
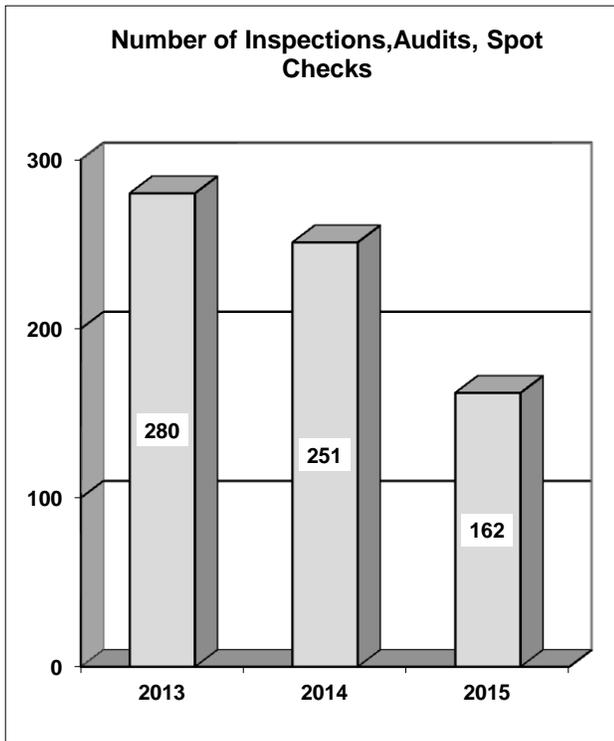
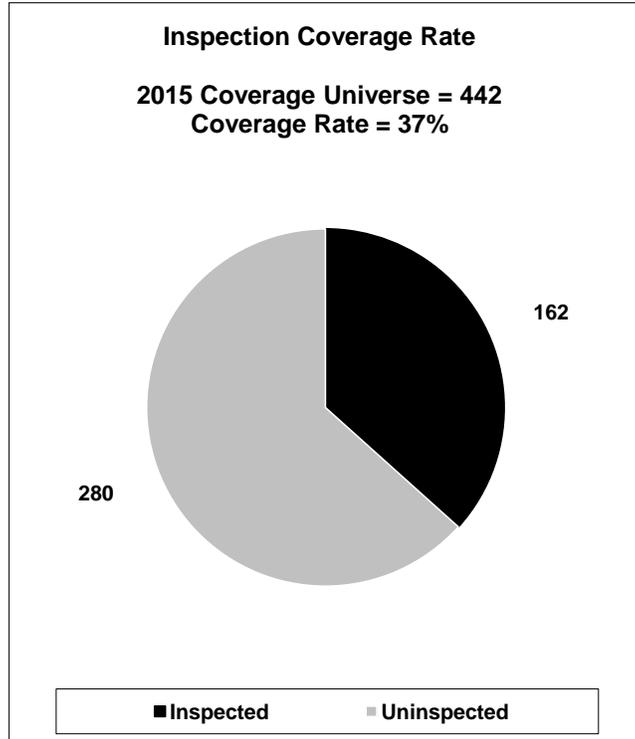
A significant compliance concern for SSDSP is that approximately half of Maryland’s high-hazard dams lack current Emergency Action Plans, which are critical for storm preparedness and public safety. Unfortunately MDE lacks the authority to compel regular updating and submission of these plans for many dams.

Waterway Construction – Dam Safety

Performance Measure		TOTAL	
PERMITTED SITES/FACILITIES			
Number of permits/licenses issued		16	
Number of permits/licenses in effect at fiscal year end		623	
OTHER REGULATED SITES/FACILITIES			
Dams in operation		442	
INSPECTIONS			
Number of sites inspected (“inspected” defined as at the site)		162	
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)		162	
Number of inspections, spot checks (captures number of compliance activities at sites)		162	
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)		162	
COMPLIANCE PROFILE			
Number of inspected sites/facilities with significant violations		17	
Percentage of inspected sites/facilities with significant violations		10%	
Inspection coverage rate (number of sites inspected/coverage universe)*		37%	
SIGNIFICANT VIOLATIONS			
Number of significant violations involving environmental or health impact		0	
Number of significant violations based on technical/preventative deficiencies		17	
Number of significant violations carried over awaiting disposition from previous fiscal year		19	
Total number of significant violations (sum of the three measures above)		36	
DISPOSITION OF SIGNIFICANT VIOLATIONS			
Resolved		23	
Ongoing		13	
ENFORCEMENT ACTIONS			
Number of compliance assistance rendered		162	
	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
PENALTIES			
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 Non-Tidal and Floodplain

PURPOSE

The goal of the Non-Tidal Wetlands Protection Act is to attain no net loss in non-tidal 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 non-tidal 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 non-tidal wetland losses is not a feasible alternative. For example, monetary compensation may be accepted if the size of the non-tidal 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 Non-Tidal 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 non-tidal waterways. Authorization is required to conduct any activity that changes the course, current or cross-section of a non-tidal 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

Upon issuance of a permit, license, or 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 are performed to verify that the projects are in accordance with the authorization. Because a site may involve non-tidal wetland 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.

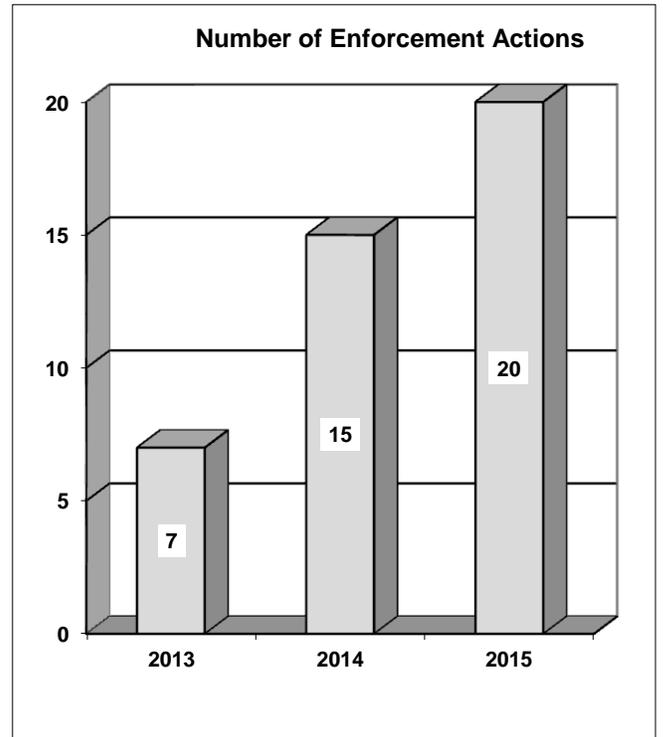
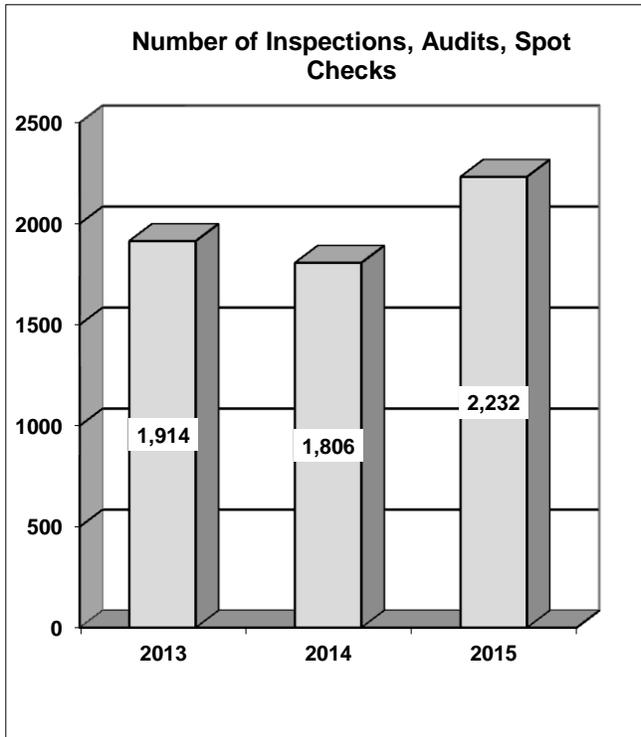
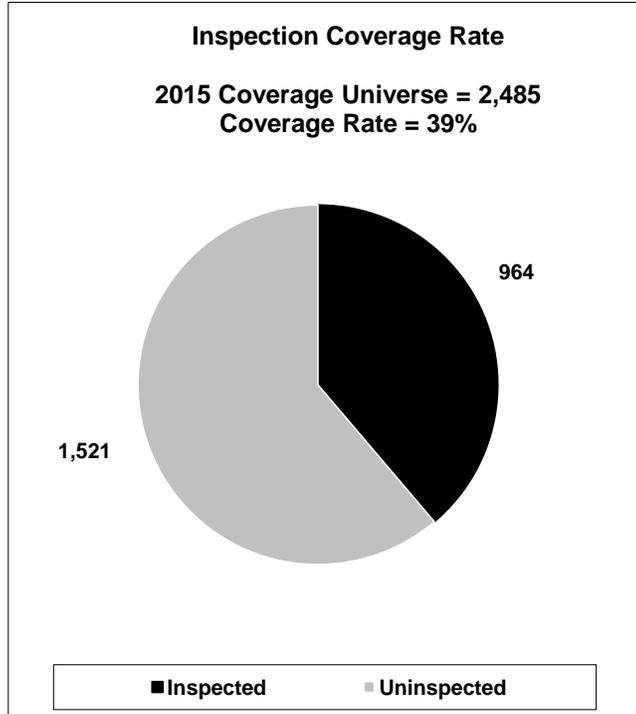
SUCCESSSES/CHALLENGES

WMA continues to inspect and take enforcement actions to address violations impacting non-tidal wetlands and waterways. WMA is currently pursuing a large number of enforcement cases involving nontidal wetlands through referrals to the Attorney General's Office, many as a result of investigation of citizen complaints. A challenge is the limited number of WMA inspectors, enforcement staff, and attorneys to handle legal actions.

Wetlands and Waterways – Non-Tidal and Floodplain

Performance Measure	TOTAL
PERMITTED SITES/FACILITIES	
Number of permits/licenses issued	824
Number of permits/licenses in effect at fiscal year end	2,485
INSPECTIONS	
Number of sites inspected (“inspected” defined as at the site)	964
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)	964
Number of inspections, spot checks (captures number of compliance activities at sites)	2,232
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)	2,232
COMPLIANCE PROFILE	
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)	39%
SIGNIFICANT VIOLATIONS	
Number of significant violations involving environmental or health impact	25
Number of significant violations based on technical/preventative deficiencies	0
Number of significant violations carried over awaiting disposition from previous fiscal year	67
Total number of significant violations (sum of the three measures above)	92
DISPOSITION OF SIGNIFICANT VIOLATIONS	
Resolved	23
Ongoing	69
ENFORCEMENT ACTIONS	
Number of compliance assistance rendered	9
	Administrative Civil/Judicial Total
Number of show cause, remedial, corrective actions issued	2 1 3
Number of stop work orders	0 0 0
Number of injunctions obtained	0 0 0
Number of penalty and other enforcement actions	16 1 17
Number of referrals to Attorney General for possible criminal action	0
PENALTIES	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$11,375

Wetlands and Waterways – Non-Tidal and Floodplain



Wetlands - 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 recognized that many tidal wetlands had been lost or despoiled throughout the State by unregulated activities such as dredging, dumping and filling, and that remaining tidal wetlands were in jeopardy. The Wetlands and Riparian Rights Act established a comprehensive plan 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, over 1,000 acres of 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 non-tidal 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

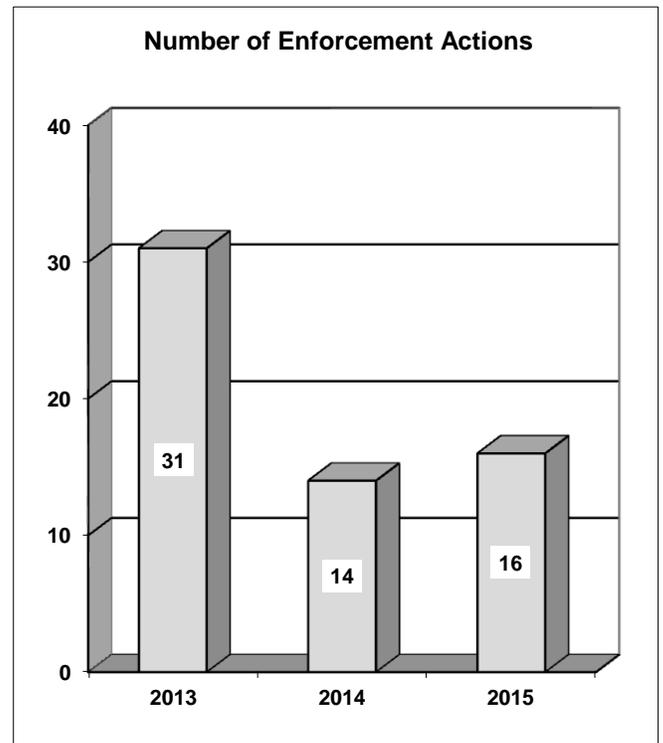
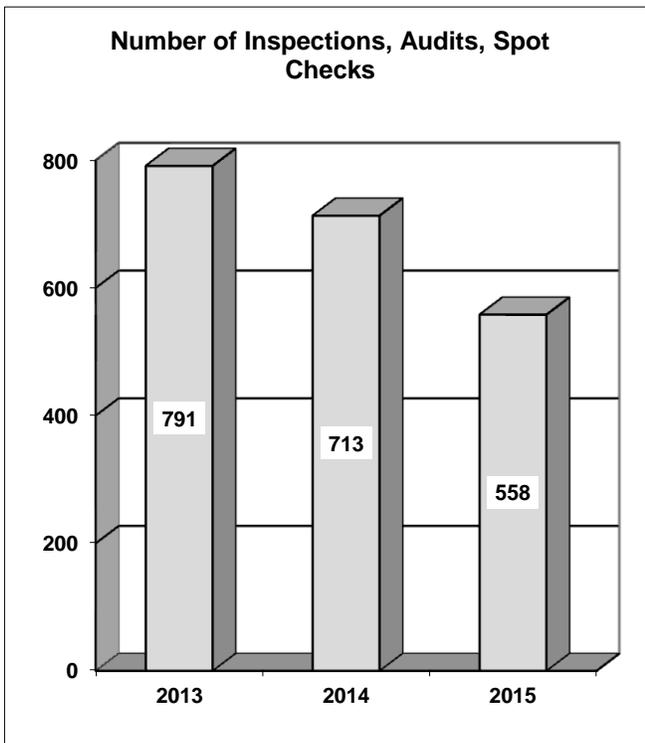
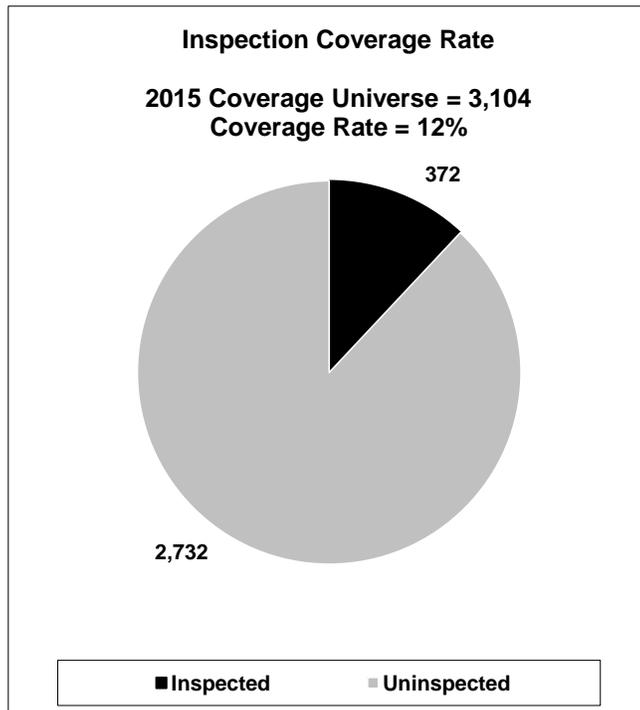
WMA actively worked in close cooperation with the Attorney General's Office to resolve numerous cases involving unauthorized impacts to tidal wetlands. Many of the cases are developed as the result of citizen complaints about pier extensions, adding boat lifts or boat houses, or building or extending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

WMA is responding to a large number of citizen complaints in certain areas of the State 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 – Tidal

Performance Measure	TOTAL
PERMITTED SITES/FACILITIES	
Number of permits/licenses issued	1,070
Number of permits/licenses in effect at fiscal year end	3,104
INSPECTIONS	
Number of sites inspected (“inspected” defined as at the site)	372
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)	372
Number of inspections, spot checks (captures number of compliance activities at sites)	558
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)	558
COMPLIANCE PROFILE	
Number of inspected sites/facilities with significant violations	16
Percentage of inspected sites/facilities with significant violations	4%
Inspection coverage rate (number of sites inspected/coverage universe)	12%
SIGNIFICANT VIOLATIONS	
Number of significant violations involving environmental or health impact	18
Number of significant violations based on technical/preventative deficiencies	0
Number of significant violations carried over awaiting disposition from previous fiscal year	117
Total number of significant violations (sum of the three measures above)	135
DISPOSITION OF SIGNIFICANT VIOLATIONS	
Resolved	23
Ongoing	112
ENFORCEMENT ACTIONS	
Number of compliance assistance rendered	0
	Administrative Civil/Judicial Total
Number of show cause, remedial, corrective actions issued	2 1 3
Number of stop work orders	0 0 0
Number of injunctions obtained	0 0 0
Number of penalty and other enforcement actions	13 0 13
Number of referrals to Attorney General for possible criminal action	0
PENALTIES	
Amount of administrative or civil penalties obtained (\$ collected in FY)	\$36,625

Wetlands – 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.

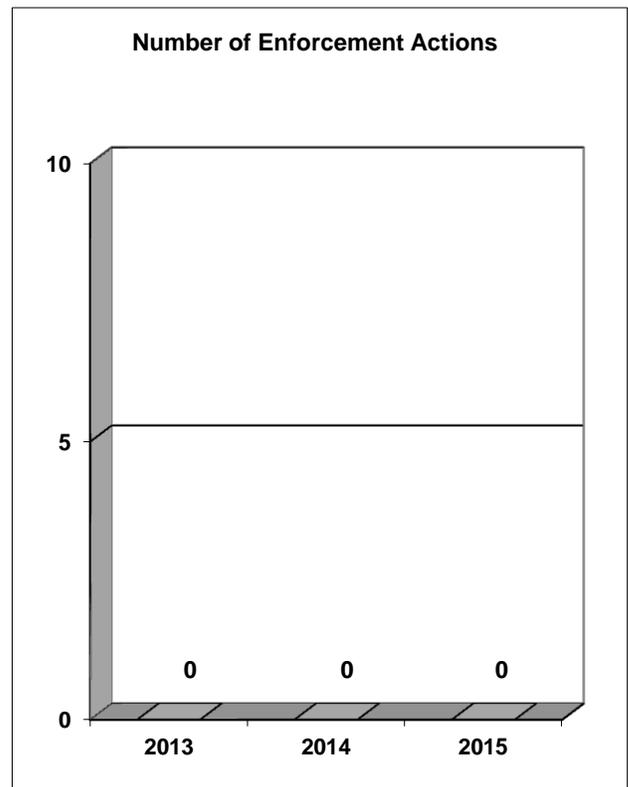
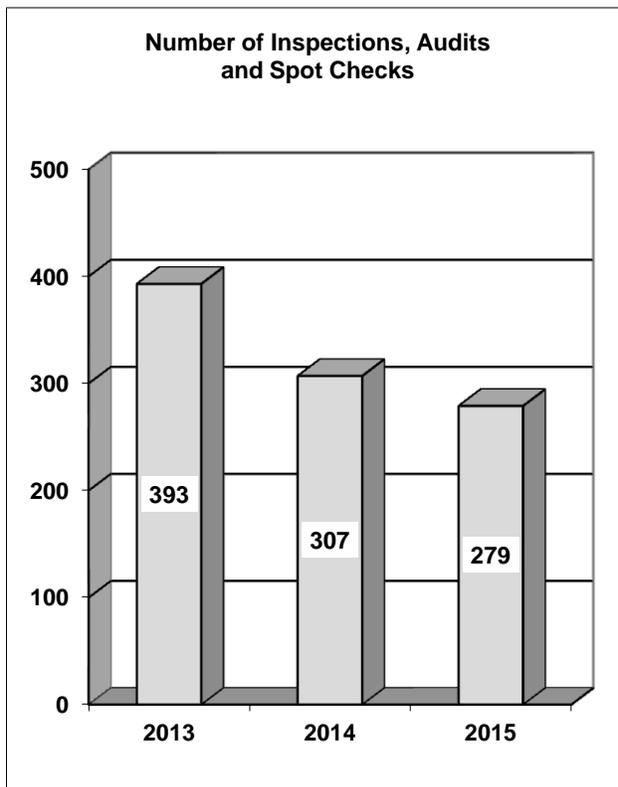
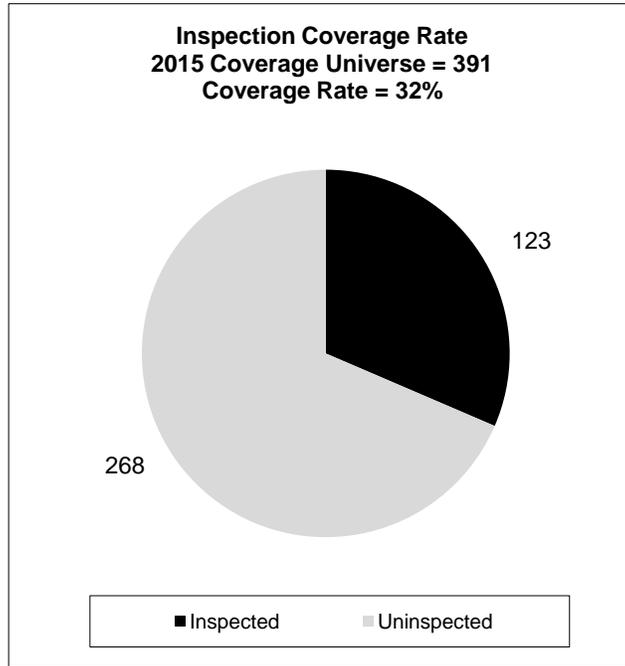
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Water Supply and Sewerage Construction

Performance Measure	TOTAL
PERMITTED SITES/FACILITIES	
Number of permits/licenses issued	139
Number of permits/licenses in effect at fiscal year end	391
INSPECTIONS	
Number of sites inspected ("inspected" defined as at the site)	123
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)	123
Number of inspections, spot checks (captures number of compliance activities at sites)	279
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)	279
COMPLIANCE PROFILE	
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)	32%
SIGNIFICANT VIOLATIONS	
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
DISPOSITION OF SIGNIFICANT VIOLATIONS	
Resolved	0
Ongoing	0
ENFORCEMENT ACTIONS*	
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	0 0 0
Number of referrals to Attorney General for possible criminal action	0
PENALTIES	
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 in Maryland. During FY 2015, ECU handled fifty inquiries, referrals, and requests. Of that total, ECU opened forty-nine in-depth criminal investigations. ECU filed charges in eighteen of the cases opened. Of the forty-nine cases, twelve were the result of referrals from MDE administrators. Seventeen prosecutions were completed in the state courts during the fiscal year, resulting in ordered jail terms totaling thirteen years and six months, probation terms totaling twenty-one years and one month and imposed fines totaling \$269,347.50. Courts additionally ordered community work service 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 Attorney General's Environmental Crimes Unit (ECU) investigates and prosecutes environmental crimes in Maryland. ECU is a criminal investigation and prosecution unit under the direction of the Criminal Division of the Attorney General's Office. ECU utilizes the prosecutorial authority of the Attorney General and also, in part, when available, the investigative skills and law enforcement authority of the Maryland State Police, Natural Resources Police and local police departments to investigate environmental violations. When appropriate, ECU files criminal charges against both corporate and individual offenders. Criminal enforcement is an effective and necessary tool in the compliance effort because it ensures that the offenders are subjected to criminal sanctions. This is important to protect public health and ensure a level playing field for those that do comply with Maryland's environmental laws. Criminal investigations will be pursued based on an assessment by the attorneys. Criminal charges are pursued when repeated unsuccessful civil actions have been attempted, or when the offenses are particularly significant or involve immediate danger to the environment, as well as under other circumstances. Criminal enforcement is used whenever the prospect of imprisonment and/or being stigmatized by a criminal conviction is deemed a necessary tool to protect health and the quality of Maryland's air, land and water resources.

ECU has jurisdiction throughout the State. ECU's statewide multi-media responsibilities are currently carried out with a smaller staff than in the past, numbering four at the end of the fiscal year. Staff currently includes two investigators and one prosecutor, all of whom are directly involved in the criminal investigation and enforcement work of the unit throughout the State. Additionally, various outside police agencies which have historically had officers

assigned to this division have taken all officers out of the unit completely because of their own budgetary constraints. It is only through complete and full investigation that criminal cases can be properly assessed and charges filed.

AUTHORITY

STATE:

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 hazardous waste. Additionally, through the *Natural Resources Article*, the Critical Area Commission may refer matters to the Attorney General for prosecution. The Attorney General also has authority under Article V, Section 3 of the Constitution of Maryland to investigate and prosecute other crimes as directed by the Governor. Historically the Governor has granted ECU continuing 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. ECU 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

ECU receives complaints about possible criminal activity from multiple sources: citizen complaints, other governmental and law enforcement agencies, the MDE Administrations, or from their own 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 appropriate for prosecution are subjected to full investigations for the purpose of gathering sufficient evidence to accurately assess whether the filing of criminal charges is warranted. If charges are filed or indictments returned by grand juries, ECU prosecutors and investigators work the case through trial and any appeals.

MDE REFERRALS

In FY 2015, ECU successfully assisted MDE in furthering its compliance and enforcement goals by opening eighteen new in-depth criminal cases referred by MDE and filing charges in twelve cases based upon referrals from MDE. Eleven prosecutions were completed during the fiscal year from cases referred by MDE.

SUCCESSSES/CHALLENGES

A continuing challenge is to improve attorney and investigative resources for better effectiveness. Sworn law enforcement personnel with statewide authority assigned to this Unit have now been reduced by 100%. 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.

Restoration to higher staffing levels will allow ECU to be more proactive in the pursuit of businesses and individuals who commit environmental crimes. The cases can be complex

and involved, especially in a pro-active form, and without full staffing, results will be hampered.

CHART 1 shows the number of investigations conducted by ECU during FY 2015 and the source of the complaints leading to the investigations.

FY '15 – INVESTIGATIONS OPENED		
SOURCE OF COMPLAINTS		INVESTIGATIONS OPENED
M D E	ARMA	1
	LMA	12
	WMA	4
	ERD	1
MDE TOTAL		18
OTHER SOURCES		32
TOTAL		50

The MDE administrations, ARMA, WAS, and WMA, 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 2015. The chart distinguishes between the number of cases where prosecution was initiated during FY 2015 and the number of cases concluded during FY 2015. 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 '15 – PROSECUTIONS			
SOURCE OF COMPLAINTS		NO. OF CASES FILED	NO. OF CASES CONCLUDED
M D E	ARMA	0	0
	LMA	5	5
	WMA	5	5
	ERD	2	1
	OS	0	0
MDE TOTAL		12	11
OTHER SOURCES		6	6
TOTAL		18	17

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 '15 – YEARLY TOTALS	ENVIRONMENT ARTICLE (EN)			Criminal Law (CL)	Commercial Law (CL)	TOTAL
	Title 1	Title 9	Title 9	Title 10	Title 13	
	Subtitle 3	Subtitle 2	Subtitle 3	Subtitle 1	Subtitle 3	
* Number of Convictions Obtained	1	3	21	1	1	27
Imprisonment Time Ordered (Years)	4	6 mos	4	5	0	13 yrs. 6 mos
Imprisonment Time To Be Served	0	0	3 mos	1	0	1 yr. 6 mos
Probation Ordered (Years)	3	2	10	3	3	21 yrs
Community Service Ordered (Hours)	800	25	275	0	800	1,900 hrs
Criminal Fines, Restitution & Costs Ordered	30,000	1,145	193,202.50	15,000	30,000	269,347.50
Criminal Fines, Restitution & Costs to be Paid	0	1,145	126,645	0	5,000	132,790

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

Environment Article (EN)

Title 1 – Enforcement

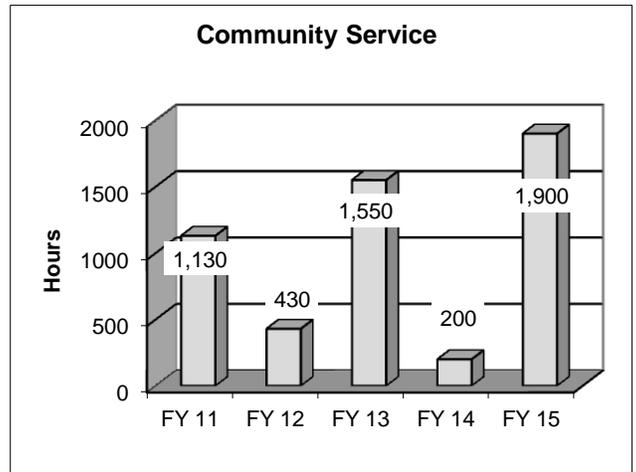
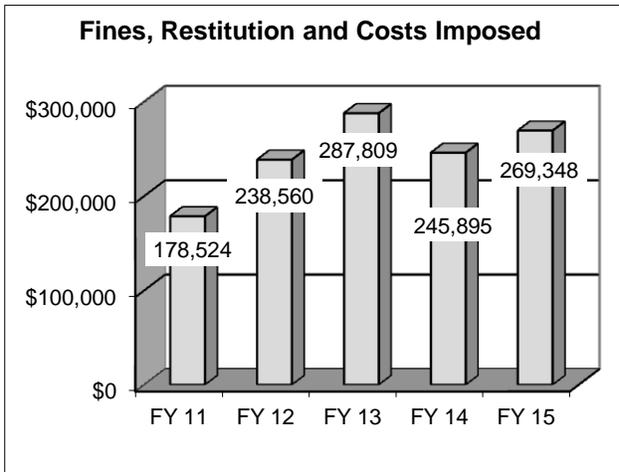
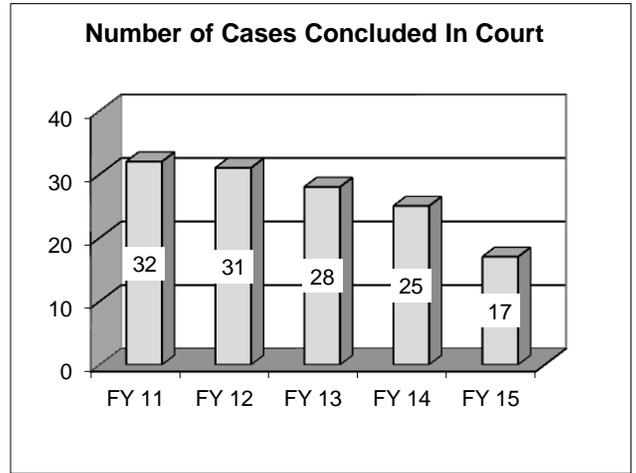
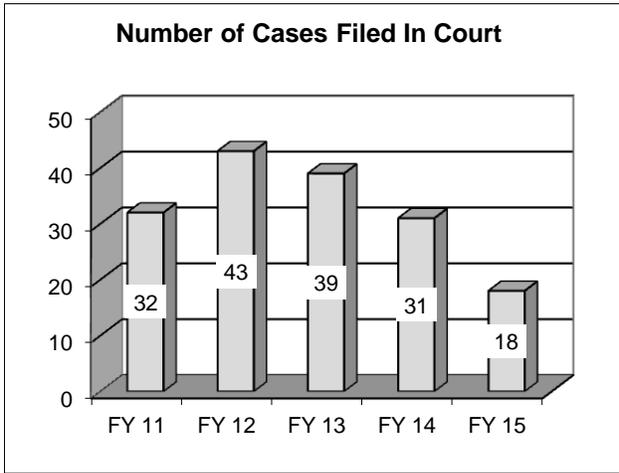
Title 9 – Water, Ice, and Sanitary Facilities

Criminal Law Article (CL)

Title 10 – Crimes Against Public Health

Title 13 – Consumer Protection Act

Environmental Crimes Unit

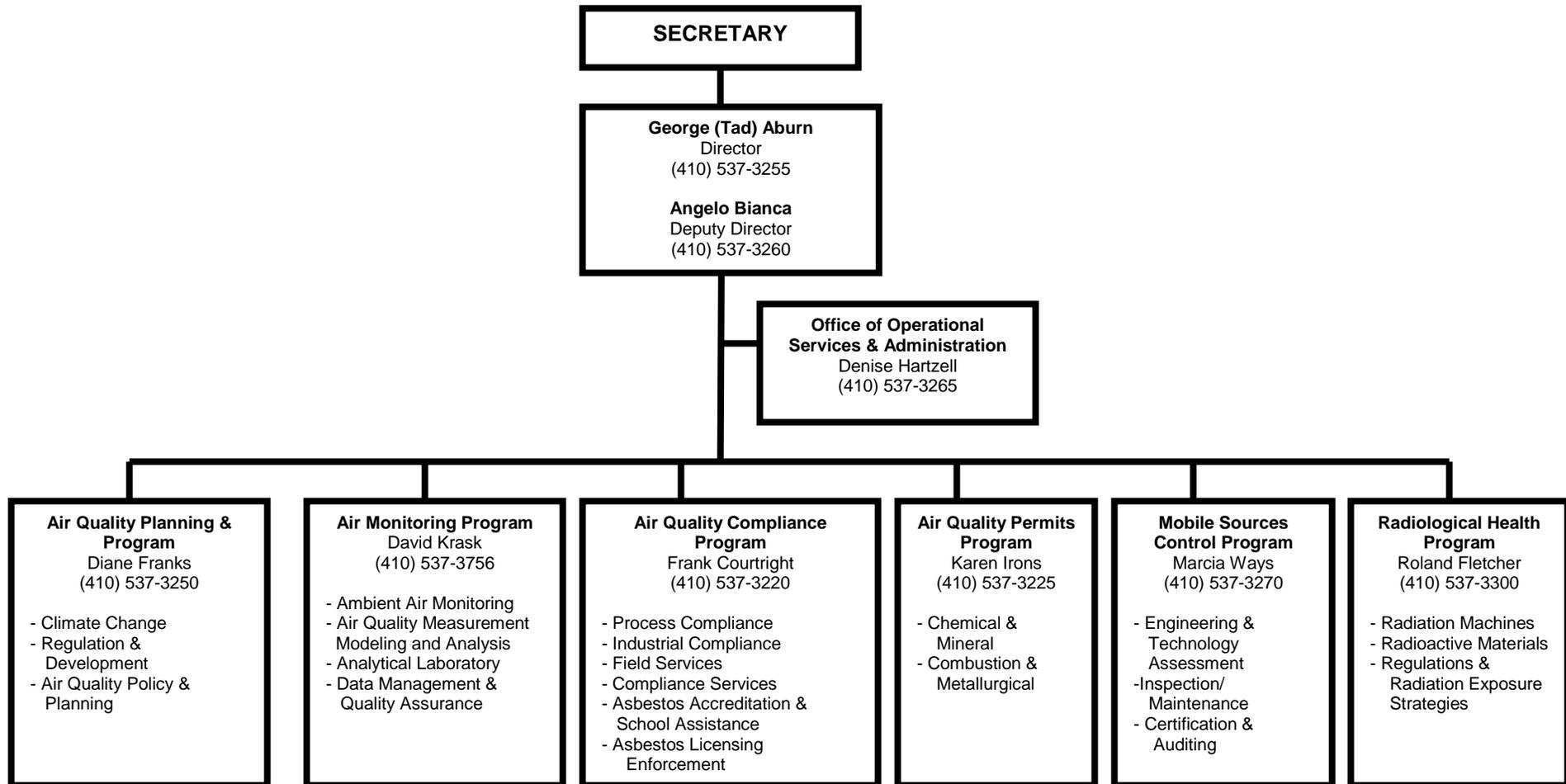


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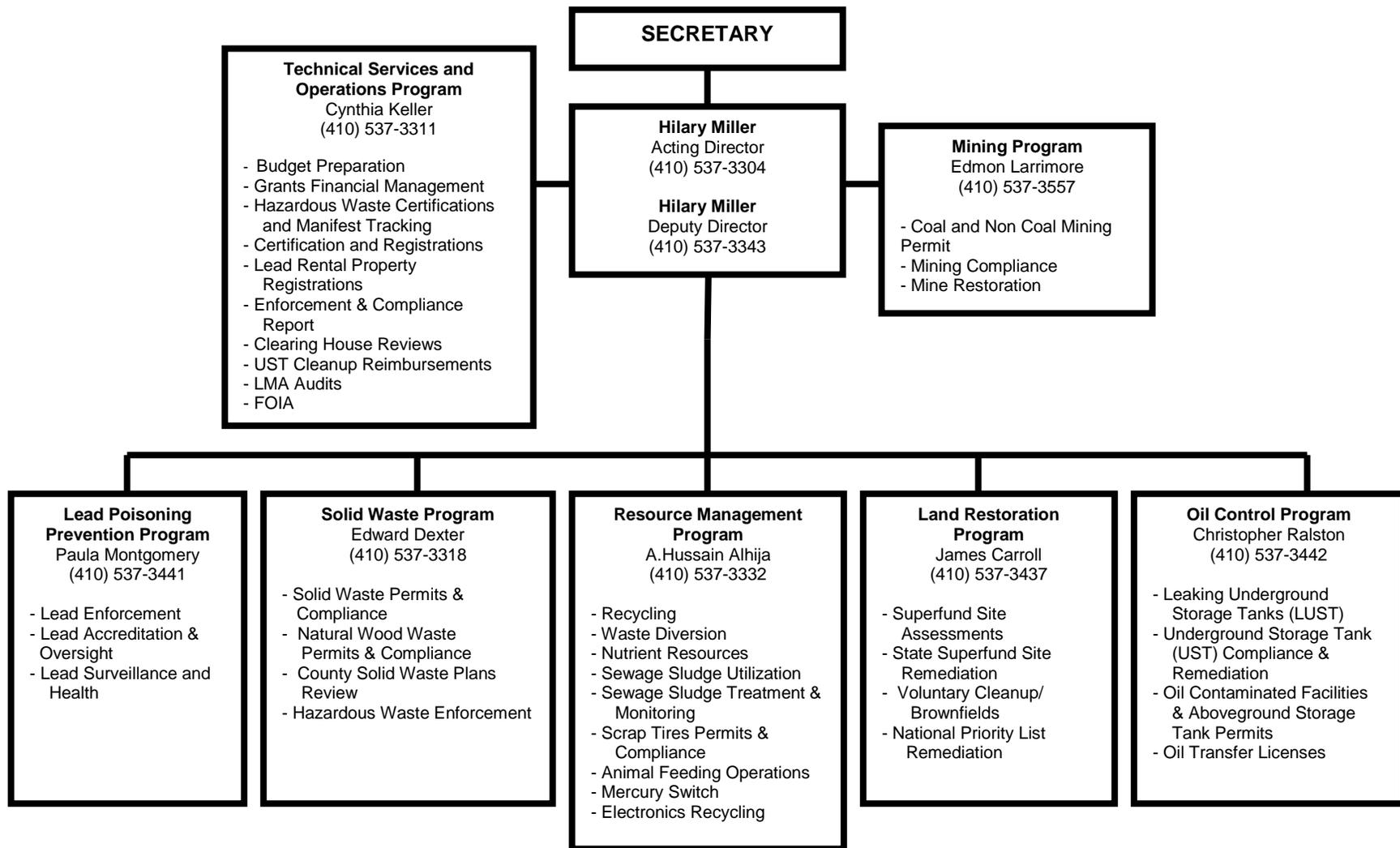
SECTION THREE
APPENDICES

APPENDIX A MDE Organization

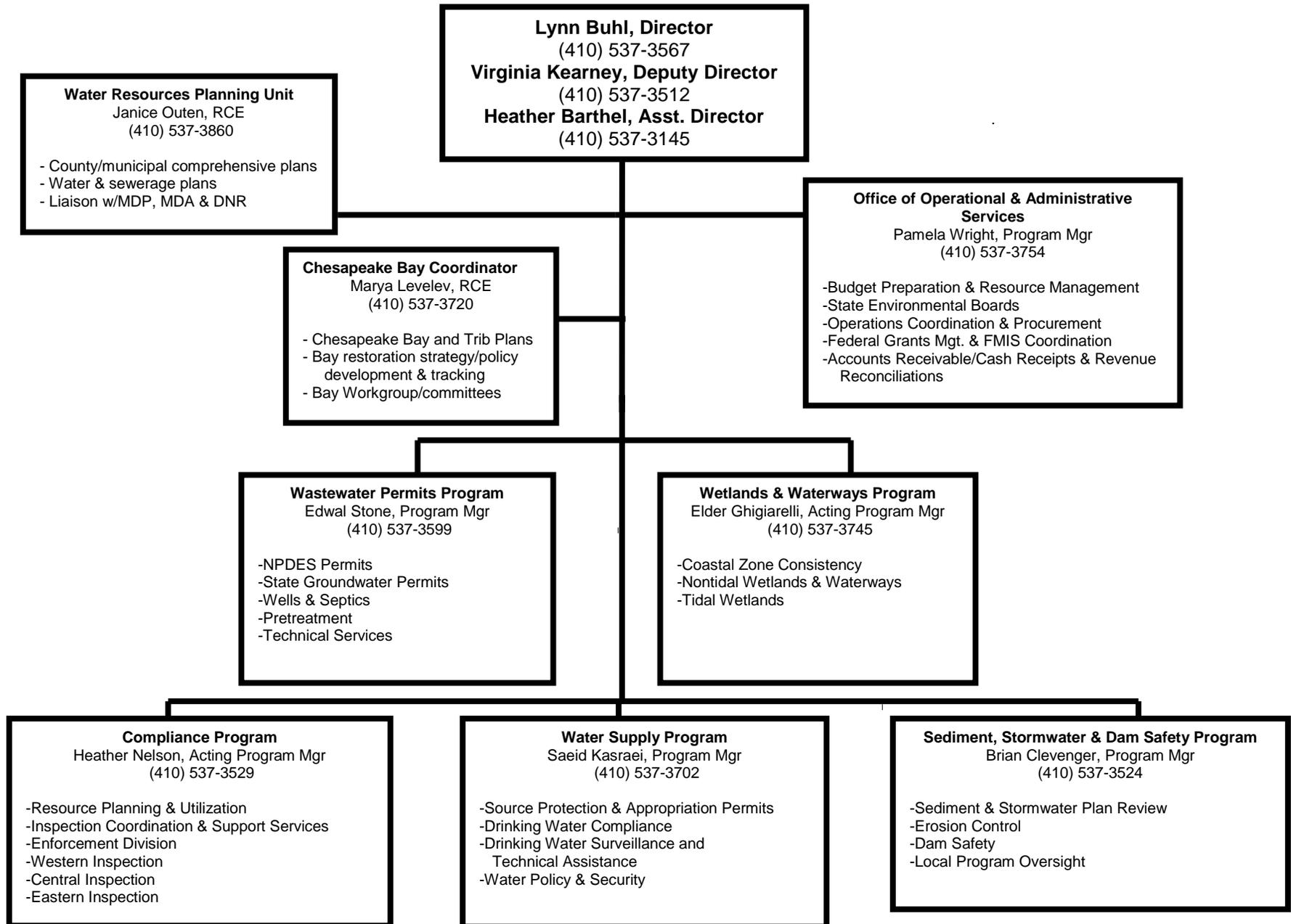
Air and Radiation Management Administration



Land Management Administration



Water Management 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. Mercury Switch Recovery
20. Electronics Recycling
21. Discharges – Groundwater (Municipal and Industrial)
22. Discharges – Surface Water (Municipal and Industrial) State and NPDES Permits
23. Discharges – Pretreatment (Industrial)
24. Stormwater Management and Erosion and Sediment Control for Construction Activity
25. Water Supply Program – Community and Non-transient Non-community Water Systems
26. Water Supply Program – Transient Non-community Water Systems
27. Water Supply Program – Laboratory Certification
28. Water Supply Program – Water Appropriation and Use
29. Waterway Construction – Dam Safety
30. Wetlands and Waterways – Non-tidal and Floodplain
31. Wetlands – Tidal
32. Water Supply and Sewerage Construction
33. Environmental Crimes Unit

APPENDIX C

Environmental 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 Management Administration, the Land Management Administration, and the Water Management Administration made use of SEPs during FY 2015 totaling \$3,594,000. The administrations issued eight SEPs during FY 2015. Details about each administration's SEPs are on the following pages.

Administration	Number of SEPs		Total Value of SEPs	
	2014	2015	2014	2015
Air and Radiation Management Administration	1	1	\$31,500	\$75,000
Land Management Administration	9	5	\$1,038,000	\$104,000
Water Management Administration	2	2	\$93,750	\$3,415,000
TOTALS	12	8	\$1,163,250	\$3,594,000

Air and Radiation Management Administration SEPs, FY 2015

Total SEPs: 1

Total Value: \$75,000

March 2015 Settlement Agreement – Curtis Bay Energy, L.P. - \$75,000 to the Baltimore-Washington Electric Vehicle Initiative (BEVI), which is part of the Electric Vehicle Association of Greater Washington DC, a tax-exempt charitable 501(c) (3) organization to advance the electric vehicle infrastructure development in the Baltimore metropolitan area and secure matching funds for paid summer internships promoting electric vehicle education and outreach.

Land Management Administration SEPs, FY 2015

Total SEPs: 5

Total Value: \$104,000

All of the Land Management Administration SEPs in FY 2015 were for lead enforcement cases. Five SEPs required property owners to replace all windows in rental units containing lead based paint, or obtain Lead Free Certification. The following table lists the individual SEPs.

Program	Case #	Property Owner	Description	SEP Value
Lead	13-30-17632	Hiram Holton	Requiring window replacements in one unit	\$4,000
Lead	13-02-17646	Pilar Concepts, LLC	Requiring window replacements in three units	\$12,000
Lead	13-30-18216	Patrick Agbu	Requiring window replacements in 20 units	\$80,000
Lead	14-03-19476	Lorraine Baake	Obtain lead free certificate for 39 units	\$4,000
Lead	14-30-19277	Dorian Marshall	requiring window replacement in one unit	\$4,000

Water Management Administration SEPs, FY 2015

Total SEPs: 2

Total Cost: \$3,415,000

Sparrows Point, LLC / MCM Management Corporation / HRE Sparrows Point, LLC and WMA agreed to \$3,375,000 worth of SEP projects. The specific projects to be done to reach that value are under discussion.

Mount Saint Mary's University will create and host a two-day conference titled "The Future of Maryland's Streams and Rivers." The cost of the SEP will be approximately \$40,000.

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APPENDIX G
Brownfield Master Inventory List – Active Sites

ALLEGANY COUNTY

BMI#: MD1008
 Brock Steel Company And Larry Brock DBA Brock Equipment Co.
 Location: 220 West King Street, Cumberland

BMI#: MD0003
 Cabin Run Landfill
 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
 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#: MD0628
 Deluxe Cleaners
 Location: 32 West Mechanic Street, Frostburg

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

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

BMI#: MD0197
 Frostburg Gas & Light Company
 Location: 75 South Grant Street, Frostburg

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

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

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

BMI#: MD0042
 Koppers Company - Oldtown
 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
 Location: Limestone Road, Cumberland

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

ANNE ARUNDEL COUNTY

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
 Location: 8531-8541 Fort Smallwood Road, Pasadena

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

BMI#: MD1486
 Bacon Ridge Landfill
 Site alias: Bohem Tire Dump
 Location: St. Stephens Church Road, Crownsville

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

BMI#: MD1618
 Brandon Woods II
 Location: 7629 Gambrills Cove Road, Curtis Bay

BMI#: MD0107
 Browning Ferris Industries - Elkridge Landing Road
 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
 Location: Aviation Boulevard, BWI Airport, Baltimore

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

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

BMI#: MD0059
 Commisary Store Parking Lot Area South - USN
 Site alias: Naval Station Annapolis (MD-087)
 Location: 321 Kinkaid Road, Annapolis

BMI#: MD0456
 Cox Creek Refining
 Location: 1000 Kembo Road, Baltimore

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
 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
 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
 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#: 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
 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#: MD0871
 IEI Property
 Site alias: Includes Ametek Inc. (MD-104) Property
 Location: 8335 Telegraph Road, Odenton

BMI#: MD1359
 Jessup State Surplus
 Site alias: Maryland State Agency for Surplus Property
 Location: 8037 Brook Ridge Road, Jessup

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

BMI#: MD0030
Joy Boehm Landfill
Location: 1373 St. Stephens Church Road, Crownsville

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 Harmons Road, Hanover

BMI#: MD1642
Lindamoor Neighborhood
Site alias: Multiple Addresses in Lindamoor Neighborhood
Location: Multiple Streets in Lindamoor, Annapolis

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
Location: 408 Headquarters Drive, Millersville

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

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

BMI#: MD1418
Parcel 247
Location: 1600 Aspen Street, Baltimore

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

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

BMI#: MD1256
Sachs Property
Site alias: BWI Tech Park Phase II

Location: 1417, 1430, 1440 and 1450 West Nursery Road, Linthicum

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
Location: (Parcel 46); Abutting Snow Hill Lane Phase II, Brooklyn

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

BMI#: MD1406
Snow Hill Lane Site Phase V
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
Location: Northwest end of Tanyard Cove Road, Glen Burnie

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

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

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

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

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

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#: 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#: MD0725
101 Garrett Street
Location: 101 Garrett 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#: 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#: MD1557
1215 East Fort Avenue Property
Site alias: Phillips Foods
Location: 1215 - 1265 East Fort Avenue, 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
Location: 1236 & 1240 West Pratt Street, Baltimore

BMI#: MD1028
1301 Wicomico Street
Site alias: Durette-Shepard Steel Company
Location: 1301 Wicomico Street, Baltimore

BMI#: MD0782
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#: MD0975
139 West Ostend
Location: 139 West Ostend Street, Baltimore

BMI#: MD0876
1401 Woodall Street
Location: 1401 Woodall Street, Baltimore

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

BMI#: MD0858
1440 Key Highway
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#: 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#: MD1631
1715 Thames Street
Site alias: Rec Pier
Location: 1715 Thames Street Wharf, Baltimore

BMI#: MD1196
1800-1818 Hanover Street
Location: 1800-1818 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#: 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#: MD1649
201 and 211 West McComas Street
Location: 201 and 211 West McComas Street, Baltimore

BMI#: MD1353
2101 East Pratt Street
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#: MD1641
2220 Langley Street
Location: 2200 Langley 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#: MD1064
3700 Potee Street
Site alias: 3640 Potee
Location: 3700 Potee Street, Baltimore

BMI#: MD1616
4214 Mortimer Avenue Property
Site alias: Baltimore Gas & Electric; BGE
Location: 4214 Mortimer 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
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
Location: 5600 Lombard Street, Baltimore

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

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

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

BMI#: MD0608
Academy Cleaners
Location: 5219 York Road, Baltimore

BMI#: MD1181
Acme Business Park - Rosemont
Location: 2120 West Lafayette Avenue, Baltimore

BMI#: MD0473
Ainsworth Paint Mfg Site
Location: 3200 East Biddle Street, Baltimore

BMI#: MD0010
Allied Chemica - Agriculture Plant
Location: 2000 Race Street, Baltimore

BMI#: MD0013
Allied Chemical Corp. - Baltimore Works
Site alias: Honeywell, Inc
Location: Block Street and Wills Street, Baltimore

BMI#: MD0011
American Recovery Compnay, Inc. (Curtis Bay Facility)
Site alias: American Recovery Corporation (MD-103); 2001 Benhill Avenue (MD-103)
Location: 1901 Birch Street, Baltimore

BMI#: MD1118
American Visionary Arts Museum
Location: 820 Key Highway, Baltimore

BMI#: MD0140
Anchor Hocking Corp./Carr Lowrey Glass
Site alias: Part of Carr Lowrey Glass Corp (VCP Site)
Location: 2201 Kloman Street, Baltimore

BMI#: MD1260
Ansam Metals, Inc.
Location: 1026 East Patapsco Avenue, Baltimore

BMI#: MD1224
Armistead Gardens/Herring Run EPA SI
Site alias: Lower Herring Run Park
Location: End of Alricks Way, Baltimore

BMI#: MD1386
Auto Repair Facility
Location: 1539 North Calvert Street, 201-215 East Federal Street, Baltimore

BMI#: MD0578
Autobahn Motors
Location: 3704 South Hanover 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#: MD1011
Baltimore City Solid Waste Facility
Location: 701 Reedbird Avenue, Baltimore

BMI#: MD0921
Baltimore Museum of Industry
Location: 1415 and 1437 Key Highway, Baltimore

BMI#: MD1653
Baltimore Sun
Site alias: Sun Park Printing Facility
Location: 300 East Cromwell Street, Baltimore

BMI#: MD0161
Bayard Station
Location: Bayard Street and Nanticoke Street, Baltimore

BMI#: MD0466
Bloede Manufacturing
Location: 700 block of Caton Avenue, Baltimore

BMI#: MD0554
Bohager
Site alias: Pennington Avenue Landfill
Location: Aspen 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#: MD0154
Bowley's Lane Landfill
Location: 6101 Bowleys Lane, 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#: MD0613
Buck's Auto Dump
Location: 2900 Waterview Avenue, Baltimore

BMI#: MD0659
Bugle Rental
Location: 1501 North Chester Street, 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#: MD0786 Chevron USA Inc., Operating Yard, Baltimore Asphalt Terminal Site alias: Prudential Oil; Continental Oil Co (Conoco) Location: 1955 Chesapeake Avenue, Baltimore	Location: 700 West Chesapeake Avenue, Baltimore	Site alias: FMC Corp. Agricultural Group (MD-102) Location: 1701 East Patapsco Avenue, 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#: MD1462 Chevron USA/ Baltimore Refinery Site alias: Includes VCP Chevron Sites Location: 1955 Chesapeake Ave, Baltimore	BMI#: MD1325 CSX Riverside Yard (Locust Point Terminal) Location: North of East McComas, Baltimore	BMI#: MD0948 FNT Realty Cherry Hill Location: Cherry Hill Road and Metal Road, Baltimore
BMI#: MD0856 Canton East - Lot 18A Site alias: 1212 East Apartments Location: 1220 South East Avenue, Baltimore	BMI#: MD0955 City Center Property Location: 26, 30, 32, 34, 36 South Calvert Street, 108, 114 East Lombard Street, 31 Grant Street, Baltimore	BMI#: MD1067 CSX Shell and Patapsco Location: Shell Road and Patapsco 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#: MD0989 Carr-Lowery Glass Company Site alias: Includes Anchor Hocking Corp (MD-140) Location: 2201 Kloman Street and 2841 Waterview Avenue, Baltimore	BMI#: MD0965 Cockey's Enterprises Site alias: Baltimore Glass Mfg Co, Chesapeake Iron Works; Etc Location: 2001 Kloman Street, Baltimore	BMI#: MD1103 DPW Central Garage Property Site alias: Dickman Garage, Baltimore DPW Garage Location: 101 West Dickman Street and 2300 South Hanover Street, Baltimore	BMI#: MD1458 Former Reese Press Location: 2301 Kirk Avenue, Baltimore
BMI#: MD1023 Carroll Camden Area Location: 600 acres approximately, Baltimore	BMI#: MD1022 Cold Spring Lane Landfill Location: 2221 West Cold Spring Lane, Baltimore	BMI#: MD0016 Dundalk Marine Terminal Location: 2700 Broening Highway, Baltimore	BMI#: MD1063 Former Southern Can Company Site alias: 3500 E. Biddle Street Location: 3500 East Biddle Street, Baltimore
BMI#: MD1002 Center for Aquatic Life and Conservation (CALC) Site alias: Dickman Street, National Aquarium in Baltimore; includes Middle Branch Park (7.043-acre Brownfields Assessment) property and th Location: 101 West Cromwell Street and 101 West Cromwell and 2400 Clarkson Street, Baltimore	BMI#: MD1226 Cold Spring South Location: Cold Spring Lane, Baltimore	BMI#: MD0561 Eastalco Compensatory Storage Yard Location: 4000 Fort Armistead Road, Baltimore	BMI#: MD0738 Former Westport Generating Station Location: 2033-2101 Kloman Street, Baltimore
BMI#: MD0082 Chemical Metals Inc. Site alias: CMI Location: 2101 and 2103 Annapolis Road, Baltimore	BMI#: MD0176 Colgate Pay Dump Location: 6700 Pulaski Highway, Baltimore	BMI#: MD1030 Fairfield Homes Location: Childs Street and Shell Road, Baltimore	BMI#: MD1069 Fort McHenry Shipyard Location: 1201 Wallace Street, 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#: MD0109 Conoco Chemical - Baltimore Plant Site alias: Sasol North America Location: 3441 Fairfield 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#: MD0977 Gambel Property Site alias: American Recovery Corp (MD-11/MD-103) Location: 5301 Andard Avenue, Baltimore
BMI#: MD1031 Chesapeake Machine Location: 210 South Janney Street, Baltimore	BMI#: MD1454 Countess Service Center Location: 1302 Key Highway, 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#: MD0968 General Chemical - Baltimore Terminal Site alias: Olin Corp. - Curtis Bay (MD-014) Location: 5501 Pennington Avenue, Baltimore
BMI#: MD0143 Chevron Texaco Baltimore - West Yard Site alias: Chevron USA/Baltimore Refinery Location: 1955 Chesapeake Avenue, Baltimore	BMI#: MD0112 Crown Central Petroleum (6000 Pennington Avenue) Location: 6000 Pennington Avenue, Baltimore	BMI#: MD0555 Fairfield Service Company Dump Location: Near Route 895 and Frankfurst Avenue, Baltimore	BMI#: MD1320 General Motors Site-Area A Site alias: Anchor Freight Motors Location: West of Broening Highway and North of Holabird Avenue, Baltimore
BMI#: MD0143 Chevron Texaco Baltimore - West Yard Site alias: Chevron USA/Baltimore Refinery Location: 1955 Chesapeake Avenue, Baltimore	BMI#: MD1066 CSX Chesapeake and Shell Location: Shell Road and Childs Street, Baltimore	BMI#: MD0769 FMC Agricultural Product Group Lots 1 and 7 Site alias: Part of FMC Corp Location: 1600 East Patapsco Avenue, 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#: MD0789 CSX Chesapeake Avenue Lot	BMI#: MD0113 Crown Central Petroleum Location: 1622/1632 South Clinton Street, Baltimore	BMI#: MD0017 FMC Corp.	BMI#: MD1216 General Motors Truck and Bus Site alias: General Motors Site - Area B and Area C (VCP)

Location: 2122 Broening Highway, Baltimore	Location: 4940 Eastern Avenue, Baltimore	Monument Street Landfill Location: 3500 East Monument Street (Monument St and Edison Hwy), Baltimore	Site alias: Portion of Camden Crossing (VCP) Location: 200 Scott Street, 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#: MD0169 Kane and Lombard Site alias: Kane and Lombard Street Drums Location: Lombard Street; west of intersection with Kane Street, Baltimore	BMI#: MD1304 Moorings at Canton Location: 2600 Boston Street, Baltimore	BMI#: MD1238 Pat Blox Property Location: 807 North Haven Street, Baltimore
BMI#: MD1085 GPA Industrial LLC Site alias: Navistar International Location: 1901-2015 Washington Boulevard, Baltimore	BMI#: MD1347 Kane Street Location: 61 Kane Street, Baltimore	BMI#: MD1561 Morton Shenk Cleaning Supply Location: 412 West Baltimore Street, Baltimore	BMI#: MD0055 Pemco Corporation - Baltimore Facility Site alias: Pemco Products Location: 5601 Eastern Avenue, Baltimore
BMI#: MD1566 Greenmount Avenue Property Site alias: 1400-1412 Greenmount Avenue Location: 1400-1428 Greenmount Avenue, Baltimore	BMI#: MD0284 Koppers Co. - Engr Met Prod Site alias: Kaydon Ring and Seal Inc Location: 1400 Bush Street, Baltimore	BMI#: MD1584 Mount Clare CSX Intermodal Facility Site Location: Near Intersection of Georgetown Road and Parksley Avenue, 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#: MD0917 Gunther Brewery Location: 1101, 1211 and 1221 South Conkling Street, Baltimore	BMI#: MD1373 Kurt Iron and Metal, Inc. Site alias: Seawitch Salvage, Patapsco Recycling Location: 3000 Childs Street, Baltimore	BMI#: MD1322 MTA Property Site alias: State Application Identifier MD20050812-0733 Location: 2099 Kloman Street, Baltimore	BMI#: MD1382 Phillip Distribution Center LLC Location: 1430 and 1650 South Monroe Street, 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#: MD0776 Lafarge Property Location: 2401 Kloman Street and 2901 Waterview Avenue, Baltimore	BMI#: MD0434 NIH-NIA Gerontology Research Center Location: 4940 Eastern Avenue, Baltimore	BMI#: MD1124 Phipps Construction Location: 4300 Shannon Drive, Baltimore
BMI#: MD0233 Highlandtown Gas Location: 3913 Pulaski Highway, Baltimore	BMI#: MD0559 Leading Point Location: 5400 Quarantine Road, Baltimore	BMI#: MD1044 Old Fairfield Site alias: Includes Fairfield Mixed Residential I and II (BF); Includes AOC 1 &2, AOC 4&5, AOC 6&7, Nine Lots in City Block 7360 Location: Chesapeake Avenue and Carbon Avenue; Sun Street and Weedon Street, Baltimore	BMI#: MD0179 Picorp Inc Site alias: Part of Kane & Lombard Location: 6508 East Lombard Street, Baltimore
BMI#: MD1032 Hiken Brothers Location: 307 South Eaton Street, Baltimore	BMI#: MD1097 Lower Herring Run Park Location: End of Aldricks Way, Baltimore	BMI#: MD1082 Old Fairfield - 3208 Remley Street Site alias: Part of Same PUD as Old Fairfield (VCP) Location: 3208 Remley Street, Baltimore	BMI#: MD1292 Pistorio Property Location: 1601 South Highland Avenue, Baltimore
BMI#: MD0367 Hutton Avenue Landfills (East and West) Location: 4825-4835 Windsor Mill Road, Baltimore	BMI#: MD0909 Maryland Plaza Location: 30, 36 West Biddle Street, 1204 Morton Street, Baltimore	BMI#: MD1422 Olin Chemical Site alias: See also MD-0014 Location: 5701 Pennington Avenue, Baltimore	BMI#: MD0773 Port Covington Site alias: Fort Covington, Starwood Ceruzzi Location: 101 East McComas Street, 101, 103, 201 East Cromwell Street; 2501, 2551, 2601, 2701 Port Covington Drive, Baltimore
BMI#: MD0283 J.W. Boarman Company, Inc Site alias: Boarman, J.W. Company Inc. Location: 1421 Ridgely Street, Baltimore	BMI#: MD0877 Masonville Cove Location: 3100 Childs Street, Baltimore	BMI#: MD0014 Olin Corp. - Curtis Bay Site alias: Part of General Chemical (VCP Site); Olin Chemical Location: 5501 Pennington Avenue, Baltimore	BMI#: MD1287 Port Covington Property- Parcel A Location: 301 East Cromwell Street, Baltimore
BMI#: MD1515 Jarvis Steel Location: 3437 9th 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#: MD1092 Oriole Park At Camden Yards Location: 333 West Camden Street, Baltimore	BMI#: MD0020 Reedbird Landfill Location: Potee Street and Reedbird Avenue, Baltimore
BMI#: MD0830 John T. Lewis and Brothers Location: 1013-1019 East Fayette Street, 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#: MD0926 Parkin Street	BMI#: MD1389 Ritz Carlton Hotel Location: 801 Key Highway, Baltimore
BMI#: MD0918 Johns Hopkins University Bayview Research Center	BMI#: MD0092		BMI#: MD0009

SCM Corp. - Quarantine Road Site
Site alias: SCM Millenium Hpp; Robb Tyler; Glidden; Dupont
Location: 5901 Quarantine Road, Baltimore

BMI#: MD0191
Scott Street Station
Location: Scott Street and Ostend Street, Baltimore

BMI#: MD1071
Seton Business Park
Location: Metro Drive, Baltimore

BMI#: MD1184
Shannon Drive
Site alias: Sinclair Industrial Park (Brownfields)
Location: 4225 Shannon Drive, Baltimore

BMI#: MD0279
Sherwin Williams
Location: 2325 Hollins Ferry Road, Baltimore

BMI#: MD1604
Silo Point NPS SPS
Site alias: Silo Point North Pad Site and South Pad Site
Location: 1700 Beason Street, Baltimore

BMI#: MD0645
Simpson and Doeller Label Company
Site alias: East Preston Company; Levinson & Klein Furniture
Location: 2827 East Preston Street, Baltimore

BMI#: MD1273
Society Cleaners
Site alias: Snyder's Cleaners; Biscoe Property; 5900 Eastern Ave
Location: 5920 Eastern Avenue, Baltimore

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

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

BMI#: MD0751
Southside Marketplace
Location: 857 East Fort Avenue, Baltimore

BMI#: MD0145
Spring Gardens - BGE
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#: MD0819
State Center Parcel I2
Location: 101 West Preston Street, Baltimore

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

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

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

BMI#: MD0558
Thoms Cove
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#: MD1651
Tune Up City
Site alias: 703 Whitelock Street; 705 Whitelock Street
Location: 701 Whitelock 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#: 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
Location: 1400-1600 Warner Street, Baltimore

BMI#: MD0773
Washington Hill
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. Hampshire
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
Location: 2120 Annapolis Road, Baltimore

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

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

BALTIMORE COUNTY

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

BMI#: MD0772
12110 Pulaski Highway
Location: 12110 Pulaski Highway, Joppa

BMI#: MD1475
14106 and 14108 Jarrettsville Pike
Location: 14106 and 14108 Jarrettsville Pike, Phoenix

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

BMI#: MD0603
Baltimore Lumber Company
Bozarth Job
Site alias: Bozarth Import Car Services
Location: 2200 Edgewater Avenue, Dundalk

BMI#: MD0606
Bare Hills Quarries and Pits
Location: Near the intersection of Falls Road and Old Pimlico Road, Baltimore

BMI#: MD0297
Bauer Farm
Site alias: Shaw's Discovery
Location: North Point Road and Bauer Farm Road, Edgemere

BMI#: MD0733
Belko
Location: 11931 Jericho Road, Kingsville

BMI#: MD1025
Bethlehem Steel Shipyard
Location: 600 Shipyard Road, Sparrows Point

BMI#: MD1490
BGE Riverside
Location: 4000 Broening Highway, Baltimore

BMI#: MD1323
Blenheim Road
Location: Intersection of Blenheim Road and Sweet Air Road, Jacksonville

BMI#: MD0848
Bok Asbestos Mines
Location: Off Dogwood Road, Baltimore

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

BMI#: MD1265
Chadwick Cleaners
Location: 7133 Security
Boulevard, Baltimore

BMI#: MD1080
Chesapeake Park Plaza - Block D
Site alias: Glenn L Martin Facility
- Plant 1, Lockheed Martin
Location: 2323 Eastern
Boulevard, Middle River

BMI#: MD1072
Chesapeake Park Plaza - Block F
Site alias: Glenn L Martin Plant 1,
Lockheed Martin
Location: 2323 Eastern
Boulevard, Middle River

BMI#: MD0958
Chesapeake Park Plaza - Block
G, Lot 1
Site alias: Glenn L Martin - Plant
1, Lockheed Martin
Location: 2323 Eastern
Boulevard, Middle River

BMI#: MD0959
Chesapeake Park Plaza - Block H
Site alias: Glenn L Martin - Plant
1, Lockheed Martin
Location: 2323 Eastern
Boulevard, Middle River

BMI#: MD0960
Chesapeake Park Plaza - Block I
Site alias: Glenn L Martin - Plant
1, Lockheed Martin
Location: 2323 Eastern
Boulevard, Middle River

BMI#: MD1081
Chesapeake Park Plaza - Blocks
E & E Lot 3
Site alias: Glenn L Martin Facility
- Plant 1, Lockheed Martin
Location: 2323 Eastern
Boulevard, Middle River

BMI#: MD1127
Cockeysville Drum Site
Location: York Road and Beaver
Run Lane, Cockeysville

BMI#: MD1128
Dupont Co.
Location: Pulaski Highway and
Batavia Farm Road, Rosedale

BMI#: MD0174
East Baltimore Dumping Complex
Site alias: Includes 68th Street
Dump/Industrial Enterprises/R.M.
Winstead
Location: 68th Street, Baltimore

BMI#: MD0210
Fork - Control Nike BA-09
Site alias: Fork Battery Control
Area (C03MD0234)
Location: End Of Hutschenreuter
Road, Kingsville

BMI#: MD0209
Fork - Launch Nike BA-09
Site alias: Fork Launch Control
Area (C03MD0234)
Location: Off Stockdale Road,
Kingsville

BMI#: MD1479
Former Murray Cleaners
Site alias: Murray's Cleaners,
Murrays Silk Cleaners
Location: 520 Main Street,
Reisterstown

BMI#: MD0776
Former Seagram Property
Site alias: Joseph E. Seagram &
Sons, Inc; Brewery Station
Location: 7101 Sollers Point
Road, Baltimore

BMI#: MD0851
Fort Carroll Island
Site alias: C03MD1017
Location: Patapsco River near
Sollers Point Road, Baltimore

BMI#: MD0850
Fort Carroll Mainland
Site alias: C03MD1017
Location: 300 Authority Drive and
900 South New Pittsburg Avenue,
Baltimore

BMI#: MD0528
Fort Howard
Site alias: C03MD0355
Location: Antietam Street,
Baltimore

BMI#: MD1638
Fuchs North America
Site alias: Baltimore Spice Inc.,
Fuchs Spices USA Inc.
Location: 9740 Reisterstown
Road, Owings Mills

BMI#: MD0907
Galleria Atrium and Galleria
Towers
Site alias: Seminary Galleria,
LLC; Seminary Cleaners
Location: 1407 and 1447 York
Road, Lutherville

BMI#: MD0316
Gibson Homans
Site alias: Hanslik, LLC Former
Gibson Homans Facility
Location: 1101 Hanzlik Avenue,
Rosedale

BMI#: MD1129
Glyndon Rail Tracks Dump
Location: North of Butler Road
and Wabash Avenue, Glyndon

BMI#: MD0212
Granite - Control Nike BA-79/W-
05
Location: 2845 Hernwood Road,
Woodstock

BMI#: MD0211

Granite - Launch Nike BA-79/W-
05
Site alias: C03MD0244
Location: 3085 Herwood,
Woodstock

BMI#: MD0214
Greenspring - Control BA92
Site alias: C03MD0246
Location: 12100 Greenspring
Avenue, Greenspring

BMI#: MD1130
Highlands Corporate Office Park
Location: Ridgebrook Road and
York Road, Sparks

BMI#: MD0752
I-95 Section 100 Right-of-Way at
Trumps Mill Road
Location: I-95, Baltimore

BMI#: MD0184
Industrial Enterprises
Site alias: Part of 68th Street
Dump
Location: 7100 Quad Avenue,
Baltimore

BMI#: MD0624
Industrial Metal Melting Lead
Smelter
Site alias: Site 43
Location: 108 East Barney
Street, Baltimore

BMI#: MD1514
Jacksonville PCE
Site alias: Jarrettsville Pike PCE
Location: 14110 - 14114
Jarrettsville Pike, Jacksonville

BMI#: MD1442
Liberty Plaza
Location: 8700 & 8710 Liberty
Road, 8701-8725 Liberty Plaza
Mall (Odd), 8624-8732 Liberty
Plaza Mall (Even), 3615
Brenbrook Road, Randallstown

BMI#: MD1522
Manor Road Contamination
Location: Manor Road and
Turnberry Court, Monkton

BMI#: MD0172
Martin Marietta Laboratories
Site alias: Martin Marietta Corp.;
Formerly 1601 South Rolling
Road)
Location: 1450 South Rolling
Road, Baltimore

BMI#: MD0304
Martin State Airport
Location: 1701 Wilson Point
Road, Baltimore

BMI#: MD0310
Maryland Air National Guard
Site alias: Martin's State Airport
Site II (ANG)
Location: Eastern Avenue and
Wilson Point Road, Baltimore

BMI#: MD0730
Maryland Department of
Transportation Sparrows Point
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#: MD0449
Parkton Landfill
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);
MD-234?
Location: Paper Mill Road and
Sunnybrook Road, Jacksonville

BMI#: MD0908
Pikesville Shopping Center
Site alias: Pikesville One Hour
Cleaners
Location: 1400 Reisterstown
Road, Pikesville

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

BMI#: MD1073
Quad Avenue
Site alias: Industrial Enterprises,
Inc
Location: 7100 Quad Avenue,
Rosedale

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
Location: 200 Rosewood Lane,
Owings Mills

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

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

BMI#: MD0562
Simkins Industries
Site alias: Simkins Dump
Location: 201 River Road,
Catonsville

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#: MD1539
Spring Grove Hospital
Location: Wade Avenue,
Catonsville

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

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

BMI#: MD1000
The Lakes at Stansbury Shores
Site alias: Johns Hopkins
Property; Schaefer Industries Site
Location: 8315 Stansbury Road,
Baltimore

BMI#: MD1473

Towson Launch BA-92 (same as
MD-213)
Location: Ridge Road near Route
45, 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,
Towson

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

CALVERT COUNTY

BMI#: MD1053
Chesapeake Beach Detachment-
Naval Res
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;
Navredeen 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
Location: Dowell Road,
Solomons

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

CAROLINE COUNTY

BMI#: MD1001

Electro-Therm Incorporated
Facility
Location: 24562 Meeting House
Road (Route 404), Denton

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

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

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

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

CARROLL COUNTY

BMI#: MD1295
7520 Main Street
Site alias: Also 7522 Main St.
Location: 7520 Main Street,
Sykesville

BMI#: MD1258
All State Welding (ESAB)
Site alias: ESAB Welding &
Cutting Products
Location: 5112 Allendale Lane,
Taneytown

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

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

BMI#: MD0370
Black & Decker
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
Location: 526 Oaktree Road,
Westminster

BMI#: MD1441
Hampstead Trade Center
Site alias: Leister Property;
adjacent to Castle Farms (BF)

Location: Houcksville Road,
Hampstead

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

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

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

BMI#: MD1516
Klees Mill Road
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
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
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
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
Occuring Asbestos (NOA)

Site alias: Springfield Iron & Copper Mine
Location: 900 feet Northeast of 710 Obrecht Road, Sykesville

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

BMI#: MD0798
Westminster Citgo
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
Location: 301 Singerly Avenue, Elkton

BMI#: MD0545
Carpenters Point Proof Range
Location: Carpenters Point Road, Charlestown

BMI#: MD1315
Charles Baker Property
Location: 2116 Blue Ball Road, Elkton

BMI#: MD1237
Chesapeake Publishing Company
Elkton
Location: 601 North Bridge Street, Elkton

BMI#: MD0318
Childs Property
Location: 172 Childs Road, Childs

BMI#: MD1151
Cowentown Dump
Site alias: Duxbak, Inc.;
Commander Garmet

Location: 0.5 mile west of North East on Route 7 (south side), North East

BMI#: MD0313
Dwyer Property
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#: MD0531
Elkton Sparkler Company
Site alias: MD-531
Location: 22 Sparkler Lane, North East

BMI#: MD1268
Former PECO Elkton Service Building
Site alias: Peco Energy Company
Location: Intersection of Bridge Street and High Street, 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
Location: Hopkins Quarry Road and Route 222, Port Deposit

BMI#: MD0984
Ionics/Perelli Cable (off-site plume)
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
Location: 1687 East Old Philadelphia Road, Elkton

BMI#: MD0857
LH Cleaners
Location: 115 Railroad Ave, Elkton

BMI#: MD0582
Maryland Assemblies
Site alias: Champion Company, Inc.; MDASM
Location: 683 Dr. Jack Road, Port Deposit

BMI#: MD0537
Maryland Cork
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#: 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
Location: 900-1000 Singerly 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
Location: 1079 Mechanics Valley Road, North East

BMI#: MD1152
Perryville Rail Yard
Location: Front Street, Perryville

BMI#: MD1119
Port Deposit MGP
Location: Main Street (Route 222), Port Deposit

BMI#: MD0544
Red Toad Road Disposal Site
Location: Red Toad Road, Port Deposit

BMI#: MD0548
Reginald Thompson Property
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
Location: 24 Buckley Avenue, Rising Sun

BMI#: MD0100
Thiokol Corp. - Elkton
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
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

Location: Triumph/Trinco Industrial Park, 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 Singery Road, Elkton

BMI#: MD0536
Victory Sparkler
Site alias: Plasticoid Company
Location: 249 West High Street, Elkton

BMI#: MD0337
WL Gore - Cherry Hill
Location: 2401 Singery Road, 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#: MD0136
Blossom Point Field Test Area
Location: Cedar Point Neck, La Plata

BMI#: MD0261
Charles County Sanitary Landfill
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
Site alias: A.C. Besche Real Estate
Location: 15322 Prince Frederick Road, Hughesville

BMI#: MD0064

Naval Ordnance Station - Indian Head
Location: 101 Strauss Avenue, Indian Head

BMI#: MD1466
Naval Surface Warfare Center - Indian Head
Location: Strauss Avenue (Route 210), Indian Head

BMI#: MD0218
Pomomkey - Control Nike W-54
Site alias: Former Battery Control (C03MD0243)
Location: Bumpy Oak Road, Pomomkey

BMI#: MD0217
Pomomkey - Launch Nike W-54
Site alias: C03MD0243
Location: Bumpy Oak Road, Pomomkey

BMI#: MD0957
Smallwood Village Shopping Center
Location: 100-238 Smallwood Village Center, Waldorf

BMI#: MD0219
Waldorf - Control Nike W44
Site alias: C03MD0241
Location: Country Lane, Mattawoman

DORCHESTER COUNTY

BMI#: MD0087
Bloodsworth Archipelago - USN
Site alias: USN Bloodsworth Archipelago
Location: Convergence of Fishing Bay, Nanticoke River and Honga River, Dorchester

BMI#: MD1361
Cambridge, Inc.
Location: 105 Goodwill Road, Cambridge

BMI#: MD1153
Connelly Container
Location: 903 Woods Road, Cambridge

BMI#: MD0854
Former Dorset Cleaners
Site alias: Stivers Property
Location: 201 Green Street, Cambridge

BMI#: MD0420
Nelson's Body Shop
Location: 825 Chesapeake Drive, Cambridge

BMI#: MD1149
Phillips Packing
Location: 1 Washington Street, Cambridge

FREDERICK COUNTY

BMI#: MD1478

4014 Sigler Circle
Location: 4014 Sigler Circle, Jefferson

BMI#: MD0804
565 East Church Street
Site alias: Frederick Painting Company
Location: 565 East Church Street, Frederick

BMI#: MD1154
Applied Communications Building
Site alias: Amstar Building; 270 Technology Park
Location: 5300 Spectrum Drive, Frederick

BMI#: MD1250
Applied Electro Mechanics
Location: 4016 Rock Hall Road, Point Of Rocks

BMI#: MD0945
CSX Railyard
Location: C&O Canal Park near Mile Post 55, Brunswick

BMI#: MD0202
Eastalco Aluminum Co.
Site alias: Includes Catocin Power property
Location: 5601 Manor Woods Road, Frederick

BMI#: MD1504
ESSROC Cement Corporation (Well Contamination)
Location: 4120 Buckeystown Pike, Frederick

BMI#: MD0076
Fort Detrick - USA
Site alias: Frederick Cancer Research Center (MD-066)
Location: Fort Detrick, Frederick

BMI#: MD0428
Fort Detrick Area B
Location: Rosemont Avenue, Frederick

BMI#: MD1186
Frederick Cooperative
Site alias: Farmers Cooperative
Location: 35 East South Street, Frederick

BMI#: MD1348
Frederick Parcel D
Location: Commerce Street and East Street, Frederick

BMI#: MD0925
Frederick Parcel F
Location: East Street and Commerce Street, Frederick

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

BMI#: MD1173
Frederick Parcels J and K
Location: 400-423 East Patrick Street, Frederick

BMI#: MD0164
Frederick Town Gas
Location: 350 East Church Street, Frederick

BMI#: MD1520
Lions Merryland Park
Location: 3673 Petersville Road, Rosemont

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

BMI#: MD0486
Marinace Pesticide Site
Location: 10919 Green Valley Road, Johnsville

BMI#: MD1278
McHenry Property
Site alias: McHenry Auto Parts, Frederick Site I; Patrick Street MGP (NML)
Location: 300 East Patrick Street, Frederick

BMI#: MD1187
Middletown Fuel Depot
Location: 201 South Church Street, Frederick

BMI#: MD0060
Naval Support Facility - USN
Site alias: USN Naval Support Facility
Location: Catocin Mountain National Park; Post Office Box 1000, Thurmont

BMI#: MD0066
NCI Frederick Cancer Research
Site alias: Fort Detrick (MD-076)
Location: Fort Detrick, Frederick

BMI#: MD0629
North End Cleaners
Site alias: Joe's Cleaners, Joe's North End Cleaners
Location: 413 North Market Street, Frederick

BMI#: MD0995
Parcel J and Lot 1 of the Wayside (Young) Property
Location: 400 Block on East Patrick Street, Frederick

BMI#: MD0734
Parcel K
Location: 400 Block of East Patrick Street, 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
Location: 9234-B Reichs Ford Road, Frederick

BMI#: MD1284
Site D-Former B & O Terminal
Location: Between Carroll Creek, Carroll Street, East Street and East All Saints Street, Frederick

BMI#: MD1341
Standard Joist/Canam Steel Corp.
Location: 1040 Clay Street, Point of Rocks

BMI#: MD1541
Stup's Garage
Location: 8052 Ball Road, Frederick

BMI#: MD0943
Thurmont Town Wells 7 & 8
Location: Apples Church Road and Roddy Road/Apples Church Road and Carroll Road, Thurmont

BMI#: MD1569
Town Center Plaza
Location: 805-815 East Main Street, Middletown

GARRETT COUNTY

BMI#: MD0351
Harbison-Walker Refractories Company (New Savage Works)
Site alias: Clayburn Brick Yard, Union Firebrick
Location: 16306 Bittering Road, Grantsville

BMI#: MD0255
Oakland Junkyard Site
Site alias: Martin's Junk Yard
Location: Route 219, Oakland

BMI#: MD0271
Texas Eastern - Accident Station
Location: Accident-Friendsville Road, Accident

HARFORD COUNTY

BMI#: MD1589
627 Water Street
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
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
Location: 361 Michael Lane, Aberdeen

BMI#: MD0032
Aberdeen Proving Grounds - Edgewood Area
Location: Off Route 40, Aberdeen

BMI#: MD0065
Aberdeen Proving Grounds - Michaelsville Area
Location: Off Route 40, Aberdeen

BMI#: MD0301
Abingdon Landfill
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
Location: Bush Road and Old Philadelphia Road, Abingdon

BMI#: MD0002
Bush Valley Landfill
Location: Bush Road, Abingdon

BMI#: MD1255
Cleaning Solutions Group Site
Site alias: Cello Property, Cello Corp.; 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#: MD0821
Forita Property
Location: 200 South Post Road, Aberdeen

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
Location: Glenn Heights Subdivision off Route 40, Havre De Grace

BMI#: MD0037
Havre de Grace Dump
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
Location: 200 block of Juniata Street, Havre de Grace

BMI#: MD0462
Johnson Property
Location: Sewell Road and Bush Road, Abingdon

BMI#: MD1157
Joppa Sand and Gravel
Location: West of Townewood Drive, Joppa

BMI#: MD0609
Kroh's Cleaners
Location: 15 East Pennsylvania Avenue, Bel Air

BMI#: MD0363
Long's Septic Service

Location: 4019-4027-4029 Gravel Hill Road, Havre De Grace

BMI#: MD0123
Miller Chemical & Fertilizer Corp.
Location: Route 136 and Route 135, Whiteford

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
Location: End of Mullins Road, Havre De Grace

BMI#: MD1189
Penns Marina
Location: 411 Concord Street, Havre De Grace

BMI#: MD1329
Perdue Apartments/Norrisville Road
Site alias: Theresa Perdue Property
Location: 4351 Norrisville Road, White Hall

BMI#: MD1182
Post Road Cleaners
Site alias: Related to MD-162
Location: 1100 Revolution Street, Havre De Grace

BMI#: MD0879
Proposed Chick-fil-A Restaurant #2928
Location: 1001 Beards Hill Road, Aberdeen

BMI#: MD1190
Riegel Scrap Property
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#: MD0446
Union Road Dump
Location: 1515 Union Road, Aberdeen

BMI#: MD1362
Washington Court
Location: Cedar Drive, Edgewood

HOWARD COUNTY

BMI#: MD1012
Calvert Ridge
Location: 7035, 7043, 7047 Calvert Drive, Elkridge

BMI#: MD1057

Carrs Mill Landfill
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.
Location: 15110 Frederick Road,
Woodbine

BMI#: MD0591
Daniels Quarry
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
Location: 2090 Daniels Road,
Ellicott City

BMI#: MD1355
Enchanted Forest Shopping
Center
Location: 10000-10060 Baltimore
National Pike, Ellicott City

BMI#: MD1552
Grandfather's Garden Center
Site alias: Grandfather's
Nursery, Grandfather's Gardens
Location: 5320 Phelps Luck
Drive, Columbia

BMI#: MD0890
Grovemont Overlook
Location: Landing Road; Cole
Peyton Ln; Forest Kelly Crt;
Wecker Wy, Elkridge

BMI#: MD0241
Long Life Treated Wood Inc.
Location: Dorsey Raceway Road,
Dorsey

BMI#: MD1614
Long Reach Village Center
Location: 8775 Cloudleap Court,
Columbia

BMI#: MD1440
Lotte Plaza
Location: 8801-8815 Baltimore
National Pike, Ellicott City

BMI#: MD1014
Merritt
Location: 9525 Berger Road,
Columbia

BMI#: MD1015
Rendering Plant
Location: Route 100 (800 feet
southwest of MD Route 103),
Columbia

BMI#: MD1544
Ten Oaks Plaza
Location: 3900 Ten Oaks Road,
Glenelg

BMI#: MD1016
Vista Road
Location: 10613 Vista Road,
Columbia

BMI#: MD1056
Worthington Elementary School
Location: 4570 Roundhill Road,
Ellicott City

BMI#: MD0117
WR Grace Washington Research
Center
Location: 7379 Route 32,
Columbia

KENT COUNTY

BMI#: MD0198
Chestertown Gas Co.
Location: 813 West High Street,
Chestertown

BMI#: MD0029
Chestertown Municipal Dump
Location: South of Cromwell
Clark Road, Chestertown

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 Plt, 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)
Location: Radcliffe Drive,
Chestertown

BMI#: MD0028
Tenneco Inc. - Chestertown Plant
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

BMI#: MD0827
1900 Chapman
Site alias: Syms Corporation;
Fawcett Printing Corporation;
Former Haynes Lithograph Co.;
Holladay Tyler Printing; Holladay
Property
Location: 1900 Chapman
Avenue, Rockville

BMI#: MD1568
1900 Chapman - Lot 14-B
Location: 1900 Chapman
Avenue, Rockville

BMI#: MD0782
7300-7308 Carroll Avenue
Location: 7300-7308 Carroll
Avenue, Takoma Park

BMI#: MD0068
Adelphi Laboratory Center
Site alias: Harry Diamond
Laboratories
Location: 2800 Powdermill
Road, Adelphi

BMI#: MD1554
Bainbridge Bethesda Metro Site
Location: 7340 Wisconsin
Avenue, Bethesda

BMI#: MD1551
Bethesda Commerce
Site alias: United Bank Site
Location: 7535 Old Georgetown
Road, Bethesda

BMI#: MD1587
Brightview Rockville Town Center
Site alias: Giant Grocery Store
#105
Location: 285 North Washington
Street, Rockville

BMI#: MD1496
Chestnut Lodge
Location: 500 W. Montgomery
Avenue, Rockville

BMI#: MD1017
City of Rockville Water Tower
Site alias: Talbott Street Water
Tower
Location: 200 Talbott Street,
Rockville

BMI#: MD0522
Conduit Road Test Site
Site alias: C03MD0345
Location: Near Clara Barton
Parkway, Bethesda

BMI#: MD0409
David Taylor Research Center
Location: Clara Barton Parkway,
Bethesda

BMI#: MD0937
Defense Mapping Agency
Site alias: Topographic Center
Location: Sangamore Road,
Bethesda

BMI#: MD1018
Embassy Plaza
Location: 7272 Wisconsin
Avenue, Bethesda

BMI#: MD1556
Falkland Road Residential, L.L.C.
Site alias: Falkland Chase
Apartments - North Parcel
Location: 1545 North Falkland
Lane, Silver Spring

BMI#: MD0849
Fenwick Station
Site alias: United States Post
Office
Location: 8616 2nd Avenue,
Silver Spring

BMI#: MD0783
Former WSSC Compro Facility
Location: 2201 Industrial
Parkway, Silver Spring

BMI#: MD0224
Gaithersburg - Control
Location: 8510 Snouffers School
Road, Gaithersburg

BMI#: MD0222
Gaithersburg -
Launch/Gaithersburg Research
Facility
Site alias: Gaithersburg - Launch;
Includes Reserve Business
Center (VCP) Property
Location: Off Snouffers School
Road, 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#: MD0822
Georgetown Square Shopping
Center
Location: 10400 Old Georgetown
Road, Bethesda

BMI#: MD1019
Harrison Island Drum Site

Location: Approximately 0.5 mile downstream from White's Ferry, Poolesville

BMI#: MD0306
Kenneth Shumaker Dump
Location: 21723 Peach Tree Road, Barnesville

BMI#: MD0226
Laytonsville - Control Nike W93
Site alias: Olney Nike Site; Nike W-93 Olney (C03MD0247)
Location: Zion Road, Olney

BMI#: MD0982
M.J. Cleaners Wholesale/Party Cloths, Inc.
Location: 2447 Linden Lane/2426 Linden Lane, Silver Spring

BMI#: MD1555
Mallory Square Phase 2
Location: Key West Avenue, Rockville

BMI#: MD0947
Montgomery Concrete Site
Location: 15130 Southlawn Lane, Rockville

BMI#: MD1553
Montgomery Village Golf Course
Location: 19550 Montgomery Village Avenue, Gaithersburg

BMI#: MD0775
Montrose Crossing Center
Location: 12015-12099 Rockville Pike, Rockville

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#: MD0335
Naval Medical Command
Location: 8901 Wisconsin Avenue, Bethesda

BMI#: MD0061
Naval Surface Warfare Center - White Oak
Site alias: USN Naval Surface Warfare Center White Oak
Location: 10901 New Hampshire Avenue, Silver Spring

BMI#: MD1344
Neutron Products
Location: 22301 Mt. Ephraim Road, Dickerson

BMI#: MD1159
One Cherry Choke Road
Site alias: Kodak Parcel 9B, Kodak Processing Plant
Location: 1 Cherry Choke Road, Rockville

BMI#: MD1239
Park Potomac
Site alias: Fortune Park, Wheel of Fortune
Location: 12500 Park Potomac Avenue, Potomac

BMI#: MD1101
Park Potomac Property - Condominium
Site alias: Parcels I, J, K
Location: 12500 Park Potomac Avenue, Rockville

BMI#: MD0829
Parking Lots 31 and 31-A
Site alias: The Darcy, The Flats
Location: Intersection of Bethesda Avenue and Woodmont Avenue, Bethesda

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#: MD0731
Poplar Mill Subdivision
Location: Poplar Avenue and New Hampshire Avenue, Takoma Park

BMI#: MD1426
Randolph Hills Shopping Center
Location: 4816-4890 Boiling Brook Parkway and 11608-11634 Boiling Brook Road, Rockville

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#: MD0227
Rockville - Control
Site alias: U.S. Consumer Product Safety Commission (C03MD0248)
Location: 10901 Darnestown Road, Gaithersburg

BMI#: MD0226
Rockville Launch/Gaithersburg Research Facility
Site alias: Rockville - Launch (C03MD0248), W-92
Location: 770 Muddy Branch Road, Gaithersburg

BMI#: MD0978
Rockville Town Center Surface Parking Lot
Location: 196 & 199 East Montgomery Avenue, Rockville

BMI#: MD0344
Safety Kleen Corp. - Silver Spring

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
Location: 16401 Shady Grove Road, Rockville

BMI#: MD1158
Silver Spring Mega Mall
Location: Southeast corner of Georgia Avenue and Colesville Road, Silver Spring

BMI#: MD1570
Springhouse by Manor Care, Westbard Citgo I, Westbard Citgo II
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 Grove
Site alias: 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
Location: Route 193, Wheaton

BMI#: MD0885
Weller's Cleaners Property
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#: MD1611

Westech Village Corner
Site alias: International Fabricare Institute (IFI); 12251 Tech Road
Location: 12251-12293 Tech Road, 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
Location: 5401 Westbard Avenue and 5353 Westbard Avenue, Bethesda

BMI#: MD1408
White Flint Crossing
Site alias: Park Inn International, Colonial Manor Inn
Location: 11410 Rockville Pike, Rockville

BMI#: MD1550
Woodmoor Getty/Shell Station
Location: 10144 Colesville Road, Silver Spring

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
Location: 1600 - 1602 University Boulevard, Langley Park

BMI#: MD0359
Aggregate Industries
Location: Foxley Road, Upper Marlboro

BMI#: MD0024
Anacostia River Park
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	Location: Candy Hill Road, Upper Marlboro	Location: 7011 Muirkirk Road, Beltsville	BMI#: MD1585 SCUDERI Property Site alias: Adjacent to Mr G's Location: 4235 28th Avenue, Temple Hills
BMI#: MD1603 Avalon Laurel Site alias: Anderson's Corner; Avalon Konterra North, Konterra Overlook Location: 6901 Van Dusen Road, Laurel	BMI#: MD0124 Denese Mann Property Site alias: National Fence Mfg Co. Inc.; Merchant Metals Location: 4301 46th Street, Bladensburg	BMI#: MD0896 Mr. G Cleaning Center Site alias: Mr. "G" Location: 4241 28th Avenue, Temple Hills	BMI#: MD0997 Southgate Business Park Property Location: 9800 Martin Luther King Highway, Lanham
BMI#: MD0053 Beltsville Agricultural Research Center Site alias: U.S. Agricultural Center Beltsville (2 Tenants) Location: Buildings 1321 and 204, Beltsville	BMI#: MD1313 Ellis Property Location: 11901 Brandywine Road, Clinton	BMI#: MD0124 National Fence Mfg Co Inc Site alias: Denese Mann Property (VCP) Location: 4301 46th Street, Bladensburg	BMI#: MD1045 Summerfield Extended Stay Hotel Location: Inglewood Business Park, Landover
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#: MD0750 Free State Shopping Center Site alias: Free State Mall; Former Diplomat Cleaners (15670) Location: 15460-15700 Annapolis Road, Bowie	BMI#: MD0736 Naval Air Test Center Site alias: Naval Air Warfare Center, Aircraft Division Location: Cherry Tree Crossing and Brandywine Road, Brandywine	BMI#: MD0759 Takoma Park Shopping Center (off-site plume) Location: Adjacent to 6809-6881 New Hampshire Avenue, Takoma Park
BMI#: MD1491 BP Station - Temple Hills Location: 7101 Allentown Road, Temple Hills	BMI#: MD0427 Glendale Plant Germplasm Quarantine Facility Location: 11601 Old Pond Drive, Glenn Dale	BMI#: MD0323 Naval Communication Unit - USN Site alias: U.S. Naval Communication Unit Location: Dangerfield and Commo Road, Cheltenham	BMI#: MD1041 Takoma Park Shopping Center Condominium - Land Unit 2 Location: 6809-6881 New Hampshire Avenue, Takoma Park
BMI#: MD0229 Brandywine - Control Site alias: Brandywine Nike Missile Battery (C03MD0238) Location: 13400 Edgemeade Road, Upper Marlboro	BMI#: MD1581 Griffith Energy Services, Inc. Site alias: Griffith Consumers Company Location: 2510 Schuster Drive, Hyattsville	BMI#: MD0495 Nazcon Concrete Site alias: Nazcon, Inc. Location: 3408 52nd Avenue, Beltsville	BMI#: MD1236 The Brick Yard Site alias: Washington Brick Co, Borden Brick and Tile Co, Maryland Brick, Maryland Clay Products, General Shale Brick, Creative Landscapin Location: 7100 Muirkirk Road, Beltsville
BMI#: MD1461 Brandywine - Launch Location: Candy Hill Road, Brandywine	BMI#: MD0054 GSA Bladensburg Location: 4125 46th Street, Bladensburg	BMI#: MD0355 Nelson Perrie Dump Location: 15200 Nelson Perrie Road, Brandywine	BMI#: MD1545 The Cherokee Sanford Property (7100 Muirkirk Road) Site alias: The Brick Yard (VCP) Location: 7100 Muirkirk Road, Beltsville
BMI#: MD0413 Brandywine DRMO Salvage Yard Site alias: Brandywine Defense Reutilization and Marketing Office Location: Route 381 Brandywine Road, Andrews	BMI#: MD1191 Hampton Business Park Location: Between Central Avenue and Ashwood Drive, Landover	BMI#: MD0852 Osborne Shopping Center Parcel E Location: 7605 SW Crain Highway, Upper Marlboro	BMI#: MD1427 Transport International Pool, Inc. dba GE Capital/Trailer Fleet Services Location: 6111 Sheriff Road, Capitol Heights
BMI#: MD0863 Calverton Shopping Center Location: Powder Mill Road and Beltsville Drive, Beltsville	BMI#: MD0183 Laurel City Landfill Location: Route 198 Ft. Meade Road, Laurel	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#: MD0904 UniFirst Corporation Facility Location: 6201 Sheriff Road, Hyattsville
BMI#: MD0902 Clevenger Corporation Property Location: 10718 Tucker Street, Beltsville	BMI#: MD1367 Laurel Shopping Center Location: 356 Domer Avenue (at Route 1 South), Laurel	BMI#: MD0267 Patuxent Wildlife Research Center Location: Route 197 and Powdermill Road, Laurel	BMI#: MD0248 United Rigging and Hauling Location: 6701 Ammendale Road, Beltsville
BMI#: MD0231 Croom - Control Site alias: C03MD0239 Location: 15100 Mount Calvert Road, Upper Marlboro	BMI#: MD1567 Laurel Town Center Location: 13344 Laurel Bowie Road, Laurel	BMI#: MD0617 Peeler's Dry Cleaners Site alias: Mercury Cleaners Location: 6227 Baltimore Avenue, Riverdale	BMI#: MD0494 University Housing Site Location: 8000 Boteler Lane, College Park
BMI#: MD0228 Croom/Brandywine - Launch Site alias: Croom/Brandywine W-36; Brandywine - Launch (C03MD0238)	BMI#: MD0976 Marlow Square Shopping Center Location: 4305 Saint Barnabas Road, Temple Hills		BMI#: MD0950 Vermiculite WRG1 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#: MD1549
White Oak Petroleum Facility #24640
Location: 7631 Marlboro Pike, District Heights

BMI#: MD1099
Wildercroft Shopping Center
Location: 6808-6820 Riverdale Road, Riverdale

BMI#: MD0764
Wildercroft Shopping Center (Off-Site Plume)
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
Location: 6205 Dowerhouse Road, Upper Marlboro

QUEEN ANNE'S COUNTY

BMI#: MD1161
Banjo Lane
Location: 204 and 206 Banjo Lane, Centreville

BMI#: MD1352
Former Wye Mills Substation
Location: U.S. Route 50, north of Route 404, Wye Mills

BMI#: MD1253
Grasonville Food Mart
Location: 101 Drummer Drive, Grasonville

SOMERSET COUNTY

BMI#: MD0791
11731 Somerset Avenue
Site alias: Cato Oil, Texaco
Location: 11731 Somerset Avenue, Princess Anne

BMI#: MD1233
Chesapeake Forest Products Co.
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
Location: Water Street, Crisfield

BMI#: MD0193
Crisfield Light and Power Co.
Location: Route 413, Crisfield

BMI#: MD0831
Former Linens of the Week
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.
Location: 30660 Hampden Avenue, Princess Anne

BMI#: MD0130
Westover Landfill
Site alias: Somerset Landfill
Location: Arden Station Road, Westover

SAINT 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#: MD0364
Genstar Stone Products
Site alias: Bardon Hollywood (VCP)
Location: Route 235, Hollywood

BMI#: MD0589
Leonardtwn Cleaners
Location: 41650 Fenwick Street, Leonardtown

BMI#: MD1058
Leonardtwn SHA
Location: South of intersection of Route 5 and Route 243, Leonardtown

BMI#: MD1147
Leonardtwn Wharf
Location: South end of Washington Street, Leonardtown

BMI#: MD0792
Lexington Park Site
Location: Great Mills Road, South Coral Drive, Tulagi Place

and Three Notch Road, Lexington Park

BMI#: MD0057
Patuxent River Naval Air Station
Location: On Cedar Point at confluence of Patuxent River and Chesapeake Bay; Butt Rifle Rand Landill, 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 (NTRR)
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
Location: Villa Road off Route 5, St. Inigoes

TALBOT COUNTY

BMI#: MD1192
Cordova Elementary School
Location: Church Street (Route 309) and Skipton Cordova Road, Cordova

BMI#: MD0415
Doc National Marine Fisheries Serv.
Location: South Morris Street Ext, Oxford

BMI#: MD1506
Former Easton Municipal Public Works
Location: 672 West Glenwood Avenue, Easton

BMI#: MD1592
Former McCord Laundry
Location: 114 South Washington, Easton

BMI#: MD1337
Fuller Motor Sales
Site alias: David Wheeler Auto Park
Location: 6546 Ocean Gateway (Route 50), Easton

BMI#: MD0597
Louis Charlie/Merrimac Cleaners

Location: 106 - 108 North Washington Street, Easton

BMI#: MD1249
SHA (Eastern Regional Lab)
Location: 7857 Ocean Gateway, Route 50, Easton

BMI#: MD1193
Tidewater Tractor
Location: Route 50, south of Route 404, Wye Mills

WASHINGTON COUNTY

BMI#: MD0633
Anderson Co. Dry Cleaners
Site alias: Anderson Cleaners
Location: 102 East Washington Street, Hagerstown

BMI#: MD0302
Central Chemical - Hagerstown (Site)
Location: 705 Mitchell Avenue, Hagerstown

BMI#: MD1061
CSX Roundhouse Property
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
Location: Intersection of Mt. Aetna Road and South Eastern Boulevard, Hagerstown

BMI#: MD0482
Fort Ritchie - U.S. Army
Location: Fort Ritchie Road, Cascade

BMI#: MD0350
Genuine Parts Co - Raylock DIV
Location: 100 Raylock Drive, Hancock

BMI#: MD1021
Greenbriar State Park
Location: Old Boonsboro Mountain Road, Boonsboro

BMI#: MD1094
Hagers Shoe (Cannon Shoe Factory)
Location: 148 West Franklin Street, Hagerstown

BMI#: MD0341
Hagerstown - Broadfording Road
Location: Cearfoss and Broadfording Roads, 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.
Location: South Locust Street, Hagerstown

BMI#: MD0247
Hagerstown Light and Heat - Washington Street
Site alias: See MD-194
Location: West Washington Street, Hagerstown

BMI#: MD1528
Patrick Street MGP
Location: 300 E. Patrick Street, Frederick

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
Location: 2214 West Zion Road, Salisbury

BMI#: MD0243
Atlantic Wood Industries
Location: 28114 Old Eden Road, Fruitland

BMI#: MD1229
Barr International, Inc.
Location: 2407 North Salisbury Boulevard (U.S. Route 13 North), Salisbury

BMI#: MD1499
Dale Enterprises
Location: 315 Lake Street, Salisbury

BMI#: MD0275
Dresser Industries
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
Location: Quantico Road, Salisbury

BMI#: MD1108
Lester Garage
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
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#: MD0186
Salisbury Town Gas
Location: 520 Commerce Street, Salisbury

WORCESTER COUNTY

BMI#: MD0186
Berlin Landfill
Location: Flower Street and Seahawk Road, Berlin

BMI#: MD1137
Byrd Park
Location: River Street, Snow Hill

BMI#: MD0875
Golden Pride
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
Location: 206 Williams Street, Berlin

BMI#: MD0801
Judlee Avenue Lift Station
Location: Judlee Avenue, Ocean City

BMI#: MD1602
Morris Mill Area - Trichloroethylen Contamination (TCE)
Location: 350-acres bounded by Morris Mill Pond, South Division Stree, Tony Tank Creek, Coulbourn Mill Road, Route 13 and Morris Prong, Salisbury

BMI#: MD1055
Tri-State Oil
Location: 303-305 East Market Street, Snow Hill

BMI#: MD0525
Whaley Farm
Site alias: C03MD1024
Location: 10841 Hayes Landing Road, Berlin

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APPENDIX H
Brownfield Master Inventory List – Archive
Sites

ALLEGANY COUNTY

BMI#: MD0458
Aetna Lumber
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
Location: 1262 Vocke Road, Lavale

BMI#: MD0195
Cumberland Gas Light Company
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
Location: 14823 Broadway Avenue,
SW, Midland

BMI#: MD0339
Precise Metals & Plastics, Inc.
(Cumberland Division)
Location: Day Road SE (in Mexico
Farms Industrial Park), Cumberland

BMI#: MD0457
Willison Oil Co.
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

Location: 203 Eastern Avenue,
Annapolis

BMI#: MD1481
7246 Mockingbird Circle
Location: 7246 Mockingbird Circle,
Glen Burnie

BMI#: MD1482
803 Swift Road
Location: 803 Swift Road,
Pasadena

BMI#: MD0452
A.S. Pearmon
Location: 1270 Hardy Road, Arnold

BMI#: MD1262
Admiral Cleaners Exchange
Property
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
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#: MD1484
Auto Emporium
Site alias: Auto Clinic
Location: 7595 Baltimore and
Annapolis Blvd., Glen Burnie

BMI#: MD1171
Baymeadow Property
Site alias: Martin Marietta; Gould
Electronics
Location: 6711 Baymeadow Road,
Glen Burnie

BMI#: MD0938
Belle Grove Property
Location: 4800 Belle Grove Road,
Baltimore

BMI#: MD1621
Belle Grove Road Community
(Regional GW Contamination)
Location: Belle Grove Road &
Thomas Avenue, Baltimore

BMI#: MD1392
Bert Jabins Eastport Yacht Yard
Location: 726 Second Street,
Annapolis

BMI#: MD0774
BMW of Annapolis & Mini of
Annapolis
Location: 25 Old Mill Bottom Road,
Annapolis

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 Towne 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
Location: Concorde Circle,
Linthicum Heights

BMI#: MD0769
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
Location: 1500 Arundel Boulevard,
Baltimore

BMI#: MD0429
EPA Central Regional Laboratory
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
Location: 7630 Gambrills Cove
Road, Baltimore

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

BMI#: MD0365
Fresh Pond
Location: Forest Glen Drive, 0.25
miles north of Mountain Road,
Pasadena

BMI#: MD0178
Green Valley Road Site
Location: End Of Green Valley
Road, Arnold

BMI#: MD1083
Hanover MD
Site alias: TruGreen Landcare
Location: 7135 Standard Drive,
Hanover

BMI#: MD1213 Hardaway Company Location: 325 Lokus Road, Odenton	Middletown Road Dump Site Location: Middletown Road, Annapolis	Location: 337 Hospital Drive, Glen Burnie	Shoe, Frank's Pallets, Owens Brockway, Graham Packaging Location: 121 Kane Street, Baltimore
BMI#: MD0724 Hi-Tech Color, Inc. Site alias: Borden Print Ink; Borden Chemical Location: 1721 Midway Road, Odenton	BMI#: MD1138 Mt. Tabor Road Site Site alias: Former Norfolk Farm; 2355 and 2359 Mt. Tabor Road Location: 2355 Mt. Tabor Road, Gambrells	BMI#: MD1281 Southwest Annex of Former Parole Plaza Shopping Center Location: Riva Road, Annapolis	BMI#: MD1110 1300 Race Street Location: 1300 Race Street, Baltimore
BMI#: MD1221 J. F. Johnson Lumber Company Location: 1901 West Street, Annapolis	BMI#: MD0072 Nevamar Corp. Location: 8339 Telegraph Road, Odenton	BMI#: MD1546 Turkey Point Site alias: Multiple Residential Properties - Paca Drive Location: Paca Drive, Edgewater	BMI#: MD1646 1301 Edison Highway Location: 1301 Edison Highway, Baltimore
BMI#: MD0928 J-World Site alias: Parcel 784 Location: 211/213 Eastern Avenue; 712/714 Second Street, Annapolis	BMI#: MD0421 Nova-Kote Inc. Location: 7615 Energy Parkway, Baltimore	BMI#: MD0868 USG Interiors - Access Floor Division Facility Location: 786 Elkridge Landing Road, Linthicum	BMI#: MD1264 1301 South Conkling Street Site alias: White & Herman Furniture Company; United Decorative Flower Company Location: 1301 South Conkling Street, Baltimore
BMI#: MD1235 Kanasco Ltd. Location: 6110 Robinwood Road, Glen Burnie	BMI#: MD0981 P&K Cleaners Site alias: Glendale Well Location: 7628 Baltimore Annapolis Boulevard, Glen Burnie	BMI#: MD0041 Vectra Corp. - Odenton Site alias: Chevron Chemical Plant; Part of Formica (VCP) Location: 8305 Telegraph Road, Odenton	BMI#: MD1321 1400 Eastern Avenue Location: 1400 Eastern Avenue, Baltimore
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#: MD0810 Park Place Development Location: Northeast of intersection of Taylor Avenue and West Street, Annapolis	BMI#: MD1379 Yacht Enterprises Limited Partnership Properties Location: 210 Eastern Avenue; 712 and 714 Second Street, Annapolis	BMI#: MD1425 1411 Warner Street Site alias: Lot J Location: 1411 Warner Street, Baltimore
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#: MD0867 Patapsco Center 1 & 2 Site alias: Patapsco Industrial Park Location: 805 & 809 Barkwood Court (PC 1); 801, 803 & 80A Barkwood Court (PC2), Linthicum	BALTIMORE CITY	BMI#: MD0719 1501 St. Paul Street Property Location: 1501 Saint Paul Street, Baltimore
BMI#: MD1197 Marley Neck Property Location: Marley Neck Road and Marley Neck Boulevard, Glen Burnie	BMI#: MD1533 Praxair, Inc. Site alias: Union Carbide Plant Location: 7350 Carbide Road, Baltimore	BMI#: MD0859 10 East North Avenue Property Location: 10 East North Avenue, Baltimore	BMI#: MD1375 1600 -1606 Bush Street Site alias: Former Southern Galvanizing Location: 1600-1606 Bush Street, Baltimore
BMI#: MD1404 Maryland City Plaza Shopping Center Location: 3401-3495 Fort Meade Road (Route 198), Laurel	BMI#: MD1429 Ridge Road Parcel Location: 7140 Ridge Road, Hanover	BMI#: MD0770 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#: MD0777 1901 South Charles Street Site alias: P. Kennedy Foundry Location: 1901 South Charles Street, Baltimore
BMI#: MD1140 Matlack, Inc. Site alias: 4801 Belle Grove Road, Former Matlack Baltimore Terminal Location: 4801 Belle Grove Road, Brooklyn Park	BMI#: MD1385 Robinson Crossing Shopping Center Location: 450-484 Governor Ritchie Highway, Severna Park	BMI#: MD0780 1111 Light Street Parcel Location: 1105-1117 Light Street, 1108-1110 William Street, 133-135 East Cross Street, 124-126 Weber Street, Baltimore	BMI#: MD0147 1st Plant Site alias: MD-147 Location: 220 Guilford Avenue, Baltimore
BMI#: MD0070 Mid-Atlantic Wood Preservers Site alias: Gunther's Leasing Transport Location: P.O. Box 58; 7457 Shipley Avenue, Harmans	BMI#: MD0934 Snow Hill Lane Site Phase I Site alias: VCP Site is a Portion of Larger SML MD-201 Site Location: Abutting Snow Hill Lane, Brooklyn	BMI#: MD0837 1134 Hull Street Location: 1134 Hull Street, Baltimore	BMI#: MD0770 2100 Van Deman Street Site alias: Red Star Yeast Location: 2100 Van Deman Street, Baltimore
BMI#: MD0081	BMI#: MD1396 Snow Hill Lane Site Phase II Location: East of Cedar Hill Lane and north of I-695, Brooklyn	BMI#: MD1309 1200 North Charles Street Location: 1201-1229 North Charles Street, Baltimore	BMI#: MD0972 2110 Haines Street Location: 2110 Haines Street, Baltimore
	BMI#: MD1291 Southgate Marketplace	BMI#: MD0812 121 Kane Street Site alias: KSP Facility; Hardware Fair, Airco School of Welding, Solfa	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
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#: 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#: 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
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
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.
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#: 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
Location: 222 East Saratoga Street, Baltimore

BMI#: MD0257

Baltimore Iron and Metal
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.
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
Location: 80 West Oliver Street and 1301 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#: 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#: 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
Location: 2901 Whittington Avenue, Baltimore

BMI#: MD0961
Charles Village West
Location: 3204-3222 St. Paul Street, 3 East 33rd Street, 3203 Lovegrove Street, Baltimore

BMI#: MD1060
Chesapeake Paperboard Parcel 2
Location: 1215 East Fort Avenue, 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#: MD0954
Circular Advertising (FETCHO)
Location: 1500 South Monroe 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#: MD0110
Conoco Inc Baltimore Terminal
Location: 3410 Fairfield Road, Baltimore

BMI#: MD0263
Conrail Orangeville Yard
Location: 6000 East Lombard Street/4400 Fayette Street, Baltimore

BMI#: MD1280
Constellation Property - Parcel 1
Location: 850 South Bond Street, Baltimore

BMI#: MD1122
Constellation Property - Parcel A
Location: 901 South Bond Street, Baltimore

BMI#: MD1448
Constellation Property - Parcel D
Location: 870-872 South Dallas Street, 900-915 South Caroline, 1500-1530 Thames Street, Baltimore

BMI#: MD1113

Constellation Property - Parcels B and C
Location: 1401/1403 and 1409 Thames Street, Baltimore

BMI#: MD0354
Continental Can Co. - USA Plant #16
Site alias: Part of 3800 E Biddle Street VCP
Location: 3701 Duncanwood Lane, Baltimore

BMI#: MD1202
Crown Simplimatic, Inc. Facility
Location: 1200 South Newkirk Street or 4623 O'Donnell Street, Baltimore

BMI#: MD1498
CSX Property (Fort Armistead Road)
Site alias: Ward 25 Sec. 9 Blk 7006 Lot 10
Location: Between Fort Armistead Road and I-695, Baltimore

BMI#: MD0781
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#: MD0153
Dynasurf Chemical Corp.
Site alias: Part of Fleet Eden Garage Sites (VCP)
Location: 1411 Fleet Street, Baltimore

BMI#: MD1398
E. J. Codd Company
Location: 700 & 704 South Caroline 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#: MD0379
East Federal Street Site
Location: East of 3520 East Federal Street, Baltimore

BMI#: MD0538
Essex Industrial Chemicals, Inc.
Site alias: Part of 3508-3520 Fairfield Road (VCP)
Location: 3520 Fairfield Road, Baltimore

BMI#: MD0114
Estech General Chemical Co.

Location: 5500 Chemical Road, Baltimore

BMI#: MD0091
Exxon Co. USA
Location: 3801 Boston Street, Baltimore

BMI#: MD0244
F. Bowie Smith & Son, Inc
Location: 4500 East Lombard 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#: MD0844
Former Chesapeake Paperboard Company
Location: 1001 East Fort Avenue, Baltimore

BMI#: MD1446
Former Coliseum Building
Location: 2201 North Monroe Street, Baltimore

BMI#: MD1205
Former Esskay Plant
Location: 3800 East Baltimore Street, Baltimore

BMI#: MD1507
Former Raisin Monumental Company
Location: 2000 Chesapeake 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#: MD1169
Former Waterford Caseworks
Site alias: 1809 Bayard Street; Former Athey Paint Company
Location: 1809 Bayard Street, Baltimore

BMI#: MD0411
Fort Holabird Crime Records Center
Location: Corner of Oakland Avenue and Detroit Avenue, 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#: MD1043
Frankford Gardens Shopping Center
Location: Frankford Avenue and Sinclair Lane, Baltimore

BMI#: MD0319
G & M Terminal
Location: 3500-3800 Asiatic Avenue, Baltimore

BMI#: MD0866
Gateway South and Warner Street Properties
Site alias: Includes Gateway South Phase I and Warners Street Properies 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#: 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#: 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#: MD0753
Gunther Brewery - Parcel 10 - "Former Railroad Right-of-Way" - Northeast Portion
Location: Southern border of Toone Street to intersection of O'Donnell

Street and South Haven Street, Baltimore

BMI#: MD0766
 Gunther Brewery - Parcel 10 - "Former Railroad Right-of-Way" - Southwest Portion
 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"
 Location: 1200 South Conkling Street, Baltimore

BMI#: MD0720
 Gunther Brewery - Parcel 5 - "Ale, Pilsner and Stout Building"
 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"
 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#: 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#: MD0929
 Kelco Property
 Location: 4020 East Baltimore Street, Baltimore

BMI#: MD0340
 Key Highway Shipyard
 Location: 1101 Key Highway, Baltimore

BMI#: MD1203
 Kirk-Steiff Silver Building
 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
 Location: 3100 Childs Street, Baltimore

BMI#: MD1415
 Lenmar, Inc.
 Site alias: Lenmar Lacquers
 Location: 150 South Calverton Road, Baltimore

BMI#: MD0258
 Locomotive Junkyard
 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#: MD0775
 Major Packaging Property
 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
 Location: 607-627 South Broadway, 614-616 South Register Street, Baltimore

BMI#: MD1430
 Marketplace West
 Location: 604-622 South Broadway, 1621-1631 Fleet Street, 611-623 South Bethel Street, 1630 Aliceanna Street, Baltimore

BMI#: MD1412
 Marlen Trading Company
 Location: 4101 Curtis Ave, Baltimore

BMI#: MD0095
 Martin Marietta Corp.
 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#: 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
 Location: 4101 Hillen Road, Baltimore

BMI#: MD0823
 Mr. Nifty Cleaners
 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
 Location: 3601 Dillon Street, Baltimore

BMI#: MD0096
 NL Industries Inc. Baltimore Metal Pit
 Location: 214 West Henrietta Street, Baltimore

BMI#: MD0098
 NL Industries Inc. White Lead Pit
 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#: 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
 Location: 2632-2678 Pennsylvania Avenue; 1611-1617 Clifton Avenue; 2655-2661, 2631-2649 & 2650-2656 Bruce Street, Baltimore

BMI#: MD0249
 Plating Site
 Location: 1009 West Baltimore Street, Baltimore

BMI#: MD1305
 Point Breeze Business Center (C1,C2,C4)
 Location: 2400, 2500, 2501, 2510 Broening Highway (Parcel C, Lot 1,2,4), Baltimore

BMI#: MD1033
 Point Breeze Business Center (C3)
 Location: 2330 Broening Highway (Parcel C, Lot 3), Baltimore

BMI#: MD1201

Point Breeze Business Center (D1,D5)
Location: 2200 Broening Highway (Parcel D, Lots 1 And 5), Baltimore

BMI#: MD1209
Point Breeze Business Center (D1A)
Location: 2200 Broening Highway (Parcel D, Lot 1A), Baltimore

BMI#: MD1200
Point Breeze Business Center (D2)
Location: 2300 Broening Highway (Parcel D, Lot 2), Baltimore

BMI#: MD1210
Point Breeze Business Center (D3)
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
Location: 6709 Pulaski Highway, 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: 1301 Boyle Street, 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
Location: 3510 Hawkins Point Road, Baltimore

BMI#: MD1639
Sinclair and Valentine, L.P.
Site alias: Flint Ink Corporation
Location: 3520 East Federal Street, Baltimore

BMI#: MD0244
Smith, F. Bowie & Son Inc.
Location: 4500 East Lombard 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
Location: 2147 Wicomico Street, 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
Location: 117 East Lafayette Avenue, Baltimore

BMI#: MD0312
Striegel Supply
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
Location: McComas Street and Race Street, Baltimore

BMI#: MD1402
Swann's Wharf
Location: 951 Fell Street, Baltimore

BMI#: MD0390
Tank Barge #626

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
Location: 1020-1022 Key Highway East, Baltimore

BMI#: MD0990
TravelCenters of America Former Mobil Station
Site alias: Baltimore Travel Plaza, TCA No. 216
Location: 5625 O'Donnell 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
Location: 901 South Wolfe Street, Baltimore

BMI#: MD0760
United Iron & Metal, LLC
Location: 2545 Wilkens Avenue, Baltimore

BMI#: MD0722
Vail Street
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.

Location: 5500 Chemical Road, Curtis Bay

BALTIMORE COUNTY

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
Location: 2331 Cleanleigh Drive, Baltimore

BMI#: MD1376
40 West Auto Park Inc.
Site alias: Friendly Lincoln Mercury; Monarch Lincoln Mercury
Location: 5525 Baltimore National Pike, Baltimore

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
Location: 7020 Quad Avenue, Baltimore

BMI#: MD0744
8655 Pulaski Highway
Site alias: 8655 Pulaski Joint Venture, LLC
Location: 8655 Pulaski Highway, Baltimore

BMI#: MD1052
Air Force Plant #50
Site alias: C03MD0377
Location: Halethorpe Farms Road, Halethorpe

BMI#: MD1208
Arcade Towson/ Radio Park
Location: 1220 East Joppa Road, Towson

BMI#: MD0448
Back River

Location: Off Beachwood Ave at Porter Point, Essex	Site alias: Glenn L Martin Facility - Plant 1, Lockheed Martin Location: 2323 Eastern Boulevard, Middle River	BMI#: MD0213 Greenspring - Launch BA92 Site alias: Nike Site Towson Launch (MD-412 / C03MD0246) Location: Ridge Road, Greenspring	Location: 10107 Marble Court, Cockeysville
BMI#: MD0069 Baltimore Galvanizing Company Inc. Location: 7110 Quad Avenue, Rosedale	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#: MD0951 Har Sinai Property Location: 2905 Walnut Avenue, Greenspring	BMI#: MD0276 Metals & Residues Processing - Milford Mill Location: 4400 Milford Mill Road, Baltimore
BMI#: MD1162 Baltimore Goodwill Industries Location: 4001 Southwestern Boulevard, Baltimore	BMI#: MD0315 Circuit City Location: 6211 Rossville Boulevard, Baltimore	BMI#: MD0956 Highwoods Lot 2 Property Site alias: Former Pikesville Sportsman's Club Location: 11311 Red Run Boulevard, Owings Mills	BMI#: MD1218 Mount Wilson Facility Site alias: Thomas Wilson Center Location: Mount Wilson Lane, Pikesville
BMI#: MD0175 Batavia Landfill Location: 619 Batavia Farm Road, Baltimore	BMI#: MD1623 Country Ridge Shopping Center Location: 1550 Country Ridge Lane, Essex	BMI#: MD0983 Ingleside Cleaners (Off-Site Plume) Location: Adjacent to 808 Ingleside Drive, Catonsville	BMI#: MD1523 MPA MESTEK Property Location: 10 Maryland Avenue, Dundalk
BMI#: MD0388 Beachwood Estates Site alias: Merritt Farms Waterfront; Beachwood Development Location: East of Morse Lane and West of Todd Point Lane, Edgemere	BMI#: MD0380 Cutronics Location: 1925 and 1941 Greenspring Drive, Timonium	BMI#: MD0280 J&L Industries Site Location: 6923 Ebenezer Road, Chase	BMI#: MD0444 M-V Santa Clara I Location: Baltimore Harbor, Baltimore
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#: MD1335 Daniels Property Location: 3504 Washington Boulevard, Halethorpe	BMI#: MD0962 Karl Property Location: North Point Road (350 feet north of Lodge Farm Road), Dundalk	BMI#: MD0463 National Circuits - Pikesville Location: 4 Sherwood Drive, Baltimore
BMI#: MD0395 Bendix Corp. Location: 1300 East Joppa Road, Towson	BMI#: MD0933 Eastport Industrial Center Location: 7001 Quad Avenue, Rosedale	BMI#: MD0845 Keywell Property Location: 7600 Rolling Mill Road, Baltimore	BMI#: MD1470 National Circuits Inc - Pikesville Property Location: Park Circle, Towson
BMI#: MD1489 Bengie's Road Site alias: Lewis Davis Dump Location: Off Bengies Road, Middle River	BMI#: MD1098 Farboil Paint Company Location: 8200 Fischer Road, Baltimore	BMI#: MD0285 Koppers Co. - Glen Arm Site alias: United Container Machinery Group Location: 5200 Glen Arm Road, Glen Arm	BMI#: MD0464 National Circuits, Inc. - Timonium Location: 108 and 110 West Timonium Road, Timonium
BMI#: MD0046 BIO Quest Location: Schilling Circle, Cockeysville	BMI#: MD1416 Former Auto Repair Facility Location: 3500 Baltimore Washington Boulevard, Lansdowne	BMI#: MD0309 Leo J. Mccourt Dump Location: 4360 North Point Boulevard, Baltimore	BMI#: MD1345 Northview Shopping Center Location: 9634 Bel Air Road, Perry Hall
BMI#: MD0187 Buck Steel Drum Location: 8234 Rosebank Avenue, Dundalk	BMI#: MD0155 Former Bausch & Lomb Diecraft Plant Location: 14600 York Road, Sparks	BMI#: MD0238 O.H. Williamson Location: Williamson Lane, 0.1 miles north of Cockeysville, Cockeysville	BMI#: MD0238 O.H. Williamson Location: Williamson Lane, 0.1 miles north of Cockeysville, Cockeysville
BMI#: MD1126 Catonsville Plaza Site alias: Brite America Cleaners/Catonsville Plaza Cleaners Location: 5301-5447 Baltimore National Pike, Baltimore	BMI#: MD1317 Former Kings Cleaners Site alias: Former AMF Joppa Lanes Location: 1616 - 1628 East Joppa Road, Towson	BMI#: MD0534 Pulaski Motors Site Site alias: MD-534 Location: 10001 Pulaski Highway, Middle River	BMI#: MD0534 Pulaski Motors Site Site alias: MD-534 Location: 10001 Pulaski Highway, Middle River
BMI#: MD1591 Chesaco Avenue OCP Location: 1207, 1209, 1209H, 1211, 1213, 1215 Chesaco Avenue, Baltimore	BMI#: MD0264 Four Corners (Jacksonville) Location: Intersection of Jarrettsville Pike, Sweet Air Road and Paper Mill Road, Jacksonville	BMI#: MD0389 Maryvale Preparatory School Location: 11300 Falls Road, Brooklandville	BMI#: MD1457 Quad Avenue Parcels 17, 19, and 218 Location: East of 6800 Quad Avenue, Rosedale
BMI#: MD0747 Chesapeake Park Plaza - Block B	BMI#: MD0116 Gould Inc. Ind - Battery Div. Location: 1933 Greenspring Drive, Timonium	BMI#: MD1199 Meadows Park Shopping Center Location: 6606-6658 Security Boulevard, Baltimore	BMI#: MD1131 Reading/White Hall Paper Board Co. Site alias: Federal Paperboard Company Location: Wiseburg Road and Big Falls Road, White Hall
		BMI#: MD0277 Metals & Residues Processing - Marble Ct	

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; Juncion of MD Route 30 and MD Route 40, Reisterstown

BMI#: MD0166
Relay Mud Slide
Location: Woodland Drive and Viaduct Avenue, Relay

BMI#: MD1177
Ridgely Plaza Shopping Center
Location: 1752-1776 York Road, Lutherville

BMI#: MD0383
Robert E. Lee Park/Lake Roland Bridge
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#: MD0349
Safety Kleen Corp - Catonsville
Location: 1012 1/2 Leslie Avenue, Catonsville

BMI#: MD0188
Security Boulevard Site
Location: 1718 Belmont Avenue, Baltimore

BMI#: MD1535
SHA Brooklandville Central Laboratory
Site alias: 10615 Falls Rd
Location: 2323 W. Joppa Road, Lutherville

BMI#: MD1536
SHA Brooklandville Satellite Storage Yard
Site alias: Salt Barn
Location: 10615 Falls Road, Lutherville

BMI#: MD1643
SHA District 4 Pipe Yard Facility
Site alias: SHA Pipe Yard Salt Barn
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#: MD0080
Smuck Dump
Location: 4500 Transway Road, Lansdowne

BMI#: MD1538
Southern Maryland Oil
Location: ,

BMI#: MD1106
Sudbrook Center
Location: 1204 Reisterstown Road, Pikesville

BMI#: MD0288
Sun Chemical Corp. - GPI Division
Location: 42 Gwynns Mill Court, Owings Mills

BMI#: MD1207
Texas Maintenance Yard
Location: 9901 York Road, Cockeysville

BMI#: MD1219
Thomas Manufacturing Corporation
Location: 500 Dairy Road, Parkton

BMI#: MD0289
Thompson Steel Company Inc
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#: 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
Location: 4600 Wilkins Avenue, Baltimore

BMI#: MD1364
Yorkridge Shopping Center
Location: 30 West Ridgely Road, Lutherville

BMI#: MD1374
Yorktowne Plaza
Location: 100 Block Cranbrook Road, Cockeysville

CALVERT COUNTY

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

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
Location: 325 Fleetwood Road, Denton

BMI#: MD0924
Former Famous Dry Cleaners
Location: 114B South Main Street, Federalsburg

BMI#: MD1299
Former Federalsburg Substation
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
Location: 107 East Central Avenue, Federalsburg

BMI#: MD0438
Old West Denton Dump
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
Location: 1201 Poole Road, Westminster

BMI#: MD1075
1263 Emerald Ridge Drive
Location: 1263 Emerald Ridge Drive, Westminster

BMI#: MD0345
3M National Advertising - Westminster
Location: 1030 Baltimore Boulevard, Westminster

BMI#: MD0920
Admiral Cleaners
Location: 3000 Gamber Road, Finksburg

BMI#: MD0467
Bachman Valley Landfill - Location II
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
Location: Old Manchester Road and B&O Railroad, Westminster

BMI#: MD1077
Joseph A. Banks Clothiers
Location: 500 Hanover Pike, Hampstead

BMI#: MD0322
Kate Wagner Landfill
Location: 1205 Old Westminster Road (site entrance), Westminster

BMI#: MD0371

Lang's Junkyard
Location: Hanover Pike, Hampstead

BMI#: MD0437
Lehigh Portland Cement
Location: 117 South Main Street
(Route 75), Union Bridge

BMI#: MD0320
North Carroll Shopping Plaza
Location: Route 30 and Brodbeck
Road, Hampstead

BMI#: MD0167
Powrmatic
Location: 2906 Baltimore Boulevard
(MD Route 140); Industrial
Park Drive, Finksburg

BMI#: MD0478
Ray's Auto Parts E.R.
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
Location: 7606 Patapsco Road,
Sykesville

BMI#: MD0357
W. Dorsey Property
Location: 804 East Ridgeville Blvd,
Mt. Airy

BMI#: MD0146
Westminster Plant
Location: 7-R West George Street,
Westminster

BMI#: MD0799
Westminster Shopping Center
Location: Route 140 and Englar
Road, Westminster

BMI#: MD0307
Wolf Hill
Location: 4214-4311 Wolf Hill Road,
Hampstead

CECIL COUNTY

BMI#: MD1480
614 Otsego Street (buried drum)
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
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
Location: Trinco Industrial Park;
Zeitler Lane off Triumph Industrial
Park, Elkton

BMI#: MD1497
Coca Cola Garage (related to MD-
162)
Location: ,

BMI#: MD0314
Crouse Bros. Excavating Inc.
Location: 415 West Pulaski
Highway; Route 40 & Route 279,
Elkton

BMI#: MD0196
Elkton Gas Light Co.
Location: South Street and Howard
Street (formerly Water Street),
Elkton

BMI#: MD1463
Firestone Perryville Plant
Site alias: Ikea Industrial Park
(VCP)
Location: Firestone Road, Perryville

BMI#: MD1508
Former Ranger Station
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
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
Location: 513 S. Adams St., Havre
de Grace

BMI#: MD1144
Ionics, Incorporated
Location: 801 Elkton Boulevard,
Elkton

BMI#: MD0254
Iron Hill Road Drum Site
Location: 117 Iron Hill Road, Elkton

BMI#: MD0726
Jim's Car Care
Location: 119 Railroad Avenue,
Elkton

BMI#: MD0259
Louisa Lane Dump Site
Location: Off Louisa Lane, one mile
north of Old Philadelphia Road,
Charlestown

BMI#: MD0189
Malmo Farms
Location: 1445 Cayots Corner
Road, Chesapeake City

BMI#: MD0074
Old Elkton Dump
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
Location: 551 Principio Road,
Craigtown

BMI#: MD0369
Reeves Site
Location: 360/400 Marley Road,
Elkton

BMI#: MD0472
RMR/JMR Corporation
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
Location: ,

BMI#: MD0402
Whittaker Trojan Yacht
Location: Oldfield Point Road,
Elkton

CHARLES COUNTY

BMI#: MD1297
Bardon, Inc. Waldorf Facility
Location: 12250 Acton Lane,
Waldorf

BMI#: MD1302
Bryans Road Shopping Center
Location: 3041-3145 Marshall Hall
Road, Bryans Road

BMI#: MD0394
Dead Trees in a Pond
Site alias: Dead Trees in a Pond
Location: North of Route 225 and
Route 224; 0.6 miles past corner of
Glym, Pisgah

BMI#: MD0317
Hughesville Tire Site
Location: Gallant Green Road and
Mason Crossing Road, Hughesville

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#: MD0299
Beulah Landfill
Location: Route 16, 0.5 mile
southeast of Beulah, Beulah

BMI#: MD0026
Cambridge City Disposal Plant
WWTP
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
Location: 402-404 Cherry Street,
Cambridge

BMI#: MD0342
Continental Can Co. - USA Plant 24
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
Location: U.S. Route 50,
Cambridge

BMI#: MD1452
Sensata Technologies Maryland,
LLC (Airpax)
Site alias: North American Phillips
Corporation (NAPC)
Location: 807 Woods Road,
Cambridge

BMI#: MD1543
Taylor & Casson Property
Location: Washington Street,
Cambridge

BMI#: MD0290
Western Publishing Co.
Location: 806 Woods Road,
Cambridge

FREDERICK COUNTY

BMI#: MD0384
Abramson Property
Location: 9925 Pine Tree Road,
Woodsboro

BMI#: MD0573
Apples Church Furniture Repair

Location: 212 Apples Church Road,
Thurmont

BMI#: MD1343
Butterfly Lane
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
Location: 1305 West Seventh
Street, Frederick

BMI#: MD0356
Frederick Tool and Die Co Inc
Location: 579 East Church Street,
Frederick

BMI#: MD0980
Nu-Look Cleaners (Top Cleaners)
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
Location: 8005 Reichs Ford Road,
Frederick

BMI#: MD0250
Trans Tech/Adamstown Site
Location: 5520 Adamstown Road,
Adamstown

BMI#: MD1383
Waverly View
Location: 1831 Shookstown Road,
Frederick

GARRETT COUNTY

BMI#: MD0347
Bausch & Lomb - Oakland Plant
Location: Route 135 and Bausch &
Lomb Drive, Oakland

BMI#: MD0441
Umbell Property
Location: State Highway 42; 7 miles
north of Exit 4 on I-68, Friendsville

BMI#: MD0239
Wood Products
Location: 8th Street Extended,
Oakland

HARFORD COUNTY

BMI#: MD1211
1401 Trimble Road
Location: 1401 Trimble Road,
Edgewood

BMI#: MD0077
Bata Shoe - Main Plant and Landfill
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. (1 of 2 lots)
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. (2nd of 2 lots)
Site alias: Cytec Aerospace
Location: Old Post Road, Havre de
Grace

BMI#: MD1503
Edwards Lane
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#: MD1339
Gunpowder Farms Subdivision
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
Location: 2206 Mountain Road,
Joppa

BMI#: MD1518
Kozub Property
Site alias: Laurel Bush Estates
Location: Laurel Bush Road,
Abingdon

BMI#: MD0461
Moore Property Landfill
Location: Bush Road; south of
Harris Road, Abingdon

BMI#: MD1525
Mountain Materials Surface Mine
Property
Location: Orsburn Lane, Joppa

BMI#: MD0403
Mountain Road Emergency
Response

Location: Mountain Road and I-95,
Joppa-magnolia

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
Location: Taft Street, Aberdeen

HOWARD COUNTY

BMI#: MD0942
5635 Furnace Avenue
Location: 5635 Furnace Avenue,
Elkridge

BMI#: MD0778
8235 Patuxent Range Road
Warehouse
Location: 8235 Patuxent Range
Road, Jessup

BMI#: MD1483
Adcock Property
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
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#: MD0771
Baltimore-Washington Commerce
Park
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 Inc.
Location: 6754 Santa Barbara
Court, Elkridge

BMI#: MD1633
Clarksville Well Water
Contamination
Location: Near Intersection of
Clarksville Pike (Rt. 108) and Rt. 32,
Clarksville

BMI#: MD1300
Columbia Palace 9 Plaza
Location: 8755, 8765, and 8775
Centre Park Drive, Columbia

BMI#: MD1393
Dorsey's Search Village Center
Location: 4715,4725,4755,4785
Dorsey Hall Drive, Columbia

BMI#: MD0805
Former Boise Building Materials
Distribution Site
Site alias: Part of Annapolis
Junction Town Center; Furman
Lumber Co., Golden Key Homes,
Kaiser Automotive
Location: 8960 Henkels Lane,
Annapolis Junction

BMI#: MD1336
Gales Lane/Finnegans
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)

Location: Ten Oaks Road and
Clarksville Pike, Clarksville

BMI#: MD0308
Johns Hopkins Applied Physics Lab
Location: 11100 Johns Hopkins
Road, Laurel

BMI#: MD0465
Mayfield Repair Facility
Location: 7751 Mayfield Road,
Elkridge

BMI#: MD0330
Mullinex Farm
Location: Florence Road and
Mullinix Road, Lisbon

BMI#: MD0970
Oakland Mills Village Center
Location: 5865 Robert Oliver Place,
Columbia

BMI#: MD1437
Oakmont at Turf Valley
Location: 11030, 11050, 11070 and
11090 Resort Road, Marriottsville

BMI#: MD0126
Office of the Fire Marshall
Location: George Howard Building,
Ellicott City

BMI#: MD0272
Olga Nelson Enterprises
Location: 7269 Washington
Boulevard, Elkridge

BMI#: MD1087
PATS, Inc.
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
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
Location: 9713 Washington
Boulevard, Laurel

BMI#: MD0781
Sun Chemical Facility
Location: 9025 Junction Drive,
Annapolis Junction

BMI#: MD0373
Tate Access Floors, Inc.
Location: 7510 Montevideo Road,
Jessup

BMI#: MD0785
Turf Valley Maintenance Facility -
Villages Phase 4
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
Location: 10451 Twin Rivers Road,
Columbia

BMI#: MD1354
Woodmont Academy
Location: 2000 Woodmont Drive,
Cooksville

KENT COUNTY

BMI#: MD1136
848 High Street
Location: 848 High Street,
Chestertown

BMI#: MD1246
Admiral Cleaners (Former Park Rug
& Cleaners)
Site alias: Former Park Rug &
Cleaners
Location: 107 North Cross Street,
Chestertown

BMI#: MD1123
Beiler Property
Location: Maryland Line Road,
Massey

BMI#: MD0469
Dutch Family Deli Oil Spill
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
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#: MD1051
19609 Frederick Road
Location: 19609 Frederick Road,
Germantown

BMI#: MD1560
2217-2317 Kansas Avenue and
2315-2319 Steward Avenue
Property
Location: 2217-2317 Kansas
Avenue and 2315-2319 Steward
Avenue, Silver Spring

BMI#: MD1369
5221 River Road
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#: MD1594
8240 Georgia Avenue
Site alias: Dale Music
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
Location: 1010 Briggs Chaney
Road, Silver Spring

BMI#: MD0996
AT&T/Canada Dry
Location: 1201 East-West Highway,
Silver Spring

BMI#: MD1576
Bethesda Avenue Cleaners
Location: 4957 Bethesda Avenue,
Bethesda

BMI#: MD1163
Briggs Chaney Plaza
Location: 13800-13881 Outlet
Drive, Silver Spring

BMI#: MD1179
Burtonsville Crossing
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#: MD1579
Churchill Business Center
Location: 13210-13220 Wisteria
Drive, Germantown

BMI#: MD0087
Crystal Cleaners, Inc.
Location: 18526 Woodfield Road
(Route 124), Gaithersburg

BMI#: MD1204
Former Bell Cleaners
Location: 7106 Woodmont Avenue
and 7008-7034 Wisconsin Avenue,
Bethesda

BMI#: MD0779
Former Kodak Processing Plant Lot
9A (RAP)
Site alias: Former Kodak
Processing Plant Lot 1B, part of
former Kodak Processing Pit (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
Location: 460-582 North Frederick
Avenue, Gaithersburg

BMI#: MD1005
Gateway Tower
Location: 401 North Washington
Street, Rockville

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
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#: MD0768
Lot 2, Danac Technological Park
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#: MD0899
Mallory Square Phase 1
Location: 9435 Key West Avenue,
Rockville

BMI#: MD0398
McCormick Paint Works
Location: 2355 Lewes Avenue,
Rockville

BMI#: MD0361
Microdyne Corp.
Location: 627 Lofstrand Lane,
Rockville

BMI#: MD1524
Montgomery County Country Club
Site alias: Bethesda Country Club
Location: 7601 - 7701 Bradley
Boulevard, Bethesda

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
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#: MD1100
Park Potomac Property -
Commercial
Site alias: Parcels O, Q, R, S
Location: 12500 Park Potomac
Avenue, Rockville

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
Location: 14674 Southlawn Lane, Rockville

BMI#: MD1571
Quince Orchard Plaza Shopping Center
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#: MD0873
Ripley South
Site alias: 1030, 1046, and 1050 Ripley Street
Location: 1150 Ripley Street, Silver Spring

BMI#: MD0128
Rixon Inc.
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#: MD0727
Rockville Town Square I
Location: 225 North Washington Street, Rockville

BMI#: MD1395
Rockville Town Square II
Location: 200 East Middle Lane, Rockville

BMI#: MD1168
Self Storage Zone
Location: 8001 Snouffer School Road, Gaithersburg

BMI#: MD0772
Seven Locks Plaza
Location: 7817-7825, 7901-7973, and 7711-7749 Tuckerman Lane, Potomac

BMI#: MD1301
Shoppes at Centre Pointe
Location: 822 Rockville Pike, Rockville

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
Location: Howlett's Addition, Lots 5 - 11 and 19 - 24, Silver Spring

BMI#: MD0426
Silver Springs Custom Furniture
Site alias: Silver Spring Furniture Service
Location: 8943 Brookville Road, Silver Spring

BMI#: MD1303
Sugarloaf Shopping Center
Site alias: Germantown Plaza; Germantown Cleaners
Location: 12933 Wisteria Drive, Germantown

BMI#: MD0767
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.
Location: 1010 Westmore Avenue, Rockville

BMI#: MD0401
Watkins Johnson Company
Location: 700 Quince Orchard Road, Gaithersburg

BMI#: MD0180
Weinschel Engineering
Location: 1 Weinschel Lane, Gaithersburg

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
Location: 7216 New Hampshire Avenue, Takoma Park

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#: MD1387
Woodmoor Shopping Center
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#: MD1111
5401 Marlboro Pike
Location: 5401 Marlboro Pike, District Heights

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
Location: Capital Gateway Drive, Suitland

BMI#: MD0716
Alta Branch II
Site alias: Capital Gateway
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
Location: 4913 Allentown Road,
Camp Springs

BMI#: MD1445
Antonio Troiano Tile & Marble Co.,
Inc. / Beltsville Industrial Center
Location: 10742 Tucker Street,
Beltsville

BMI#: MD0476
Beaverdam Creek PCB
Site alias: 3133 Pennsy Drive Site
Location: Beaverdam Creek from
the upper Metro crossing to the
confluence of Cabin Branch and
Beaverdam C, Landover

BMI#: MD1225
Best Cleaners
Location: 794 Harry S Truman
Drive, Largo

BMI#: MD0039
Bladensburg Acetylene
Site alias: Air Products, Inc
Location: 2900 52nd Avenue,
Hyattsville

BMI#: MD1241
Bowie Plaza Shopping Center
Location: 6796-6802, 6906-6940,
6980, and 6990 Laurel Bowie Road
(Route 197), Bowie

BMI#: MD0090
Bowie-Belair Landfill
Site alias: Browning Ferris Indu
Belair San Landfill
Location: Public Works Road via
Route 450, Bowie

BMI#: MD0872
Campbell Building
Location: 10721 Tucker Street,
Beltsville

BMI#: MD0108
Capitol Wire & Fence
Location: 3334 Kenilworth Avenue,
Hyattsville

BMI#: MD0295
Celia LUST
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
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
Location: 7505 Old Branch Avenue,
Clinton

BMI#: MD0251
Columbia Park Drum Site
Location: Route 74 and Columbia
Avenue, Landover

BMI#: MD0182
Contee Sand and Gravel
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
Location: Eagle Harbor Road, Eagle
Harbor

BMI#: MD1501
Eastgate Shopping Center
Location: 10545 and 10549
Greenbelt Road, Glenn Dale

BMI#: MD1502
Eco Gardens
Location: ,

BMI#: MD0170
Evans Trail Dump Site
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#: 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
Location: 7595 Greenbelt Road,
Greenbelt

BMI#: MD1331
Hillcrest Heights Shopping Center
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: ITSI
Location: 136 Lafayette Avenue,
Laurel

BMI#: MD0836
Jara Property
Location: St. Mary's Street and
Route 1, Beltsville

BMI#: MD0291
JL Clark Mfg Co/Stone Industries

Location: 9207 51st Avenue,
College Park

BMI#: MD0485
Joseph Smith & Sons, Inc
Location: 2001 Kenilworth Avenue,
Capitol Heights

BMI#: MD1439
Kettering Crossing
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
Location: 13501 Baltimore Avenue
(Route 1), Laurel

BMI#: MD0953
Lanham Center Property
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
Location: 14709, 14711, 14713
Baltimore Avenue, Laurel

BMI#: MD0311
London Hills Development
Location: End of Highmount Lane,
Capitol Heights

BMI#: MD1453
McDonald Strosnider Transmissions
Location: 7596 Annapolis Road,
Hyattsville

BMI#: MD0419
Mid-Atlantic Finishing, Inc.
Location: 4656 Addison Road,
Capitol Heights

BMI#: MD1165
Mini Shopping Center
Location: 5946 Martin Luther King,
Jr. Highway, Capitol Heights

BMI#: MD0368
NASA Goddard Space Flight Center
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
Location: 123 Bowie Road, Laurel

BMI#: MD0171
Old Fort Road Site
Location: 11920 Old Fort Road,
Piscataway

BMI#: MD1112
Old Forte Village Shopping Center
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
Location: 7610 South Osborne
Road, Upper Marlboro

BMI#: MD1170
Oxon Hill Plaza
Location: 6105-6263 Livingston
Road, Oxon Hill

BMI#: MD0913
Penn Forest Shopping Center
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
Location: 5411 Kirby Road, Clinton

BMI#: MD0127
Piscataway WWTP
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
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
Location: 5601-5851 Riverdale
Road and 5603 Kenilworth Ave,
Riverdale

BMI#: MD0445
Rogers Electric
Location: 5720 Columbia Park,
Cheverly

BMI#: MD0935
Rosecroft Shopping Center
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
Location: 5812-5870 Silver Hill
Road, Forestville

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
Location: 5450-5500 St. Barnabas
Road, Oxon Hill

BMI#: MD0358
William Pleasant Site
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#: MD1390
Collins Electric/Johnson Property
Site alias: Johnson Property
Location: Old Love Point Road,
Stevensville

BMI#: MD1267
Queen Anne's County Drum Site
Location: 312 Safety Drive,
Centreville

BMI#: MD0459
Tom Dodd Sporting Clays Site
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#: MD0425
Beitzel Cabinet and Millwork
Location: Broad Street, Princess
Anne

BMI#: MD1109
Carvel Hall
Location: 4251 Crisfield Highway,
Crisfield

BMI#: MD1629
Mrs. Paul's Kitchens, Inc.
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

SAINT MARY'S COUNTY

BMI#: MD1178
Bardon, Inc. Hollywood Facility
Site alias: Genstar Stone
Location: 23350 Three Notch Road,
California

BMI#: MD0185
California Drum Site
Location: St. Andrews Church
Road, California

BMI#: MD1529
Pax River ROW
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
Location: Route 238 and Chaptico
Hurry Road, Chaptico

BMI#: MD0375
St. Mary's Salvage
Location: 43966 Commerce
Avenue, Hollywood

BMI#: MD1311
St. Mary's Square Shopping Center
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: Durolith
Location: 29088 Airpark Drive,
Easton

BMI#: MD0519
D & B Products
Location: 28825 Llandaff Road,
Easton

BMI#: MD0199
Easton Gas & Light Co.
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
Location: Airport Industrial Park, 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
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.
Location: 8431 Ocean Terrace, Easton

WASHINGTON COUNTY

BMI#: MD0346
Angstrom Precision Inc.
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
Location: 290 Governor Lane Boulevard, Williamsport

BMI#: MD0094
Chevron Chemical Co. - Williamsport
Location: Old Boonsboro Road/Artisan Ave, Williamsport

BMI#: MD0298
Chewsville Coop
Location: Main Street, Chewsville

BMI#: MD0397
Danzer Metal Works
Location: 17500 York Road, Hagerstown

BMI#: MD1003
Engineering Polymer Solutions, Inc.
Site alias: Formerly a Part of Rustoleum; Rust-o-leum (MD-348)
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
Location: Greencastle Pike (Route 63) at Mount Zion Church, Maugansville

BMI#: MD0777
Hagerstown Shopping Center
Location: 607-619 Dual Highway, Hagerstown

BMI#: MD0771
Lion Ribbon Company Inc. a/k/a C.M. Offray
Location: 857 Willow Circle, Hagerstown

BMI#: MD0870
Long Meadow Shopping Center
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
Location: Elizabeth Street, Hagerstown

BMI#: MD1252
Maryland Metals, Inc.
Location: 449 Antietam Drive, Hagerstown

BMI#: MD0876
MP Moller, Inc. (Blue Mountain Woodworks)
Location: 403 North Prospect Street, Hagerstown

BMI#: MD0329
Newell Enterprises, Inc

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#: 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
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.
Location: 312 North Conococheague Street; Fenton Ave, Williamsport

BMI#: MD1548
Waggoner Property
Location: 18124 Oak Ridge Road, Hagerstown

BMI#: MD0418
West Manufacturing Co.
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.
Location: Northwood Drive and Arlington Road; Northwood Industrial Park, Salisbury

BMI#: MD0300
Blackwater Solid Waste Transfer Station
Location: Waller Road; 4 miles west of Delmar, Delmar

BMI#: MD0374
Chesapeake Shipbuilders Inc.
Location: 710 Fitzwater Street, Salisbury

BMI#: MD1145
Former School Street Substation
Site alias: Connectiv
Location: School Street (Mack Avenue) and Lake Street, Salisbury

BMI#: MD0861
Goodwill Store
Location: 700 South Salisbury Boulevard, Salisbury

BMI#: MD0047
Grigco Waste Oil
Location: 500 Water Street, Sharptown

BMI#: MD0237
Long-Life Treated Wood
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.
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
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
Location: 1947 Clarke Avenue
Extended, Pocomoke City

BMI#: MD1349
Conectiv Ocean City District Office
Site alias: Delmarva Power Ocean
City District Office
Location: 8403 Coastal Highway,
Ocean City

BMI#: MD0912
Former Snow Hill Substation
Location: Bay Street, Snow Hill

BMI#: MD0794
Moore Business Forms, Inc.
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: Tyson Foods, Hudson
Foods, Corbett Enterprises
Location: 9943 Old Ocean City
Boulevard, Berlin

BMI#: MD0376
West Ocean City Landfill
Location: Lewis Road; 2.3 miles
from Route 50, Berlin