

Final

**2009 Illicit Discharge Inspection Program
Summary Report
Harford County, Maryland**

Prepared for:

Harford County
Department of Public Works
Division of Highways and Water Resources
212 South Bond Street, 3rd Floor
Bel Air, Maryland 21014

Prepared by:

EA Engineering, Science, and Technology, Inc.
15 Loveton Circle
Sparks, Maryland 21152

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EA Engineering, Science, Technology, Inc.
15 Loveton Circle
Sparks, Maryland 21152
(410) 771-4950

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<u>Folder</u>	<u>Description</u>
Photo Log	Photographic documentation of outfall and facilities inspections
HSI Forms	Hotspot Site Inventory forms from facilities inspections
GIS	ArcGIS database of outfall and facilities inspection sites and data collected
Data	Master Table, Source Tracking data, Field Book
Figures	Maps of outfall locations and outfall source tracking

LIST OF ACRONYMS AND ABBREVIATIONS

CD	compact disc
CWP	Center for Watershed Protection
DO	dissolved oxygen
EA	EA Engineering, Science, and Technology, Inc.
EPA	U.S. Environmental Protection Agency
FTU	formazin turbidity units
GIS	geographic information system
GPS	global positioning system
HSI	Hotspot Site Investigations
IDDE	Illicit Discharge Detection and Elimination
IDP	Illicit Discharge Potential
MDE	Maryland Department of the Environment
mg/L	milligram(s) per liter
MS4	Municipal Separate Storm Sewer System
NAD83	North American Datum 1983
NPDES	National Pollutant Discharge Elimination System
ppm	parts per million
QA/QC	quality assurance/quality control
SWM	stormwater management
SYS	system
UTM	Universal Transverse Mercator
mS/cm	millisiemens per centimeter

1. INTRODUCTION

This report presents the findings of the Illicit Discharge Detection and Elimination (IDDE) inspections performed in 2009 by EA Engineering, Science and Technology, Inc. (EA) on behalf of Harford County Government. The results of any inspections that identified problem areas have been previously provided to the County to allow for proper follow-up. The 2009 IDDE inspection effort and results reporting are part of the compliance activities required by Harford County' Government's National Pollutant Discharge Elimination System (NPDES), Municipal Separate Storm Sewer System (MS4) permit¹. An illicit discharge is defined as a storm drain system that has measurable flow containing pollutants and/or pathogens during dry weather conditions. The two main types of pollutants characterized as illicit discharges are sewage and non-sewage pollutants.

The IDDE inspection efforts completed by EA in 2009 consisted of outfall and commercial/industrial facility inspections, which were conducted during the period of September through November 2009. The outfall inspections are designed to detect illicit discharges that utilize the MS4. The commercial/industrial facility inspections incorporate procedures to detect potential sources of pollutants that may affect the MS4 or receiving streams.

EA visited 104 outfalls in Harford County to identify potential illicit discharges. The main objective of these visits was to detect evidence of illicit discharges which have been conveyed through the MS4 and to identify the potential source(s) of illicit connections to the MS4. The illicit discharge inspections were accomplished by conducting surveys and field screening of outfalls which were prioritized through desktop analysis. As part of the outfall inspections, EA conducted chemical screening at outfalls exhibiting dry weather flows to characterize whether or not the discharge was illicit. Discharges characterized as illicit are typically related to: (1) connections from sewage disposal systems, including both public sewer and private septic systems; or (2) associated with other non-sewage-related source areas and/or operations known as "generating sites."

In addition to the outfall inspections, EA inspected 54 commercial/industrial and transportation-related facilities. The sites selected for inspection were the types of facilities commonly known to be generating sites with various degrees of pollution potential. The objectives of facility inspections were: (1) to identify and document potential generating sites through windshield survey and visual observation techniques; and (2) to evaluate each site's potential for generating direct or indirect illicit discharges to the MS4 and/or receiving streams. While the most intensively used industrial and commercial facilities are often covered under their own individual NPDES permits, many of these facilities fall out of compliance over time, and many other types of facilities remain unregulated. This often results in facilities being potential "storm water hotspots," where spills, leaks and other activities that may generate harmful pollutants become the principal sources of illicit discharges to the MS4 and receiving streams.

¹ Harford County NPDES permit was issued by the Maryland Department of the Environment (MDE) with permit number 99-DP-3310 MD0068268, effective dates 1 November 2004 to 1 November 2009.

This report describes the methods used for outfall and facility inspections, summarizes the findings of the inspections, and presents recommendations for further monitoring efforts.

2. METHODS

2.1 OUTFALL INSPECTIONS

The illicit discharge outfall inspections were conducted in accordance with procedures described in the Center for Watershed Protection's (CWP) *Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessments* (Brown et al. 2004a) (IDDE Manual).

2.1.1 Desktop Assessment of Illicit Discharge Potential

The County completed the initial desktop analysis of illicit discharge potential (IDP), based on criteria described in Chapter 5 of the IDDE Manual, and modified these criteria where necessary based on availability of the mapped information or data. Table 1 provides a listing and description of the 10 discharge screening factors typically considered in evaluating a subwatershed's IDP risk. Footnotes have been added at the end of the table to describe any modifications the County made to the IDDE Manual criteria and/or the sources of information used to develop mapping layers and subwatershed data to support the risk evaluation.

Table 1. Desktop Analysis Screening Factors

Discharge Screening Factor	Definition	Illicit Discharge Potential (IDP) Risk Ranges
1. Past Discharge Complaints and Reports	Frequency of past discharge complaints, hotline reports, and spill responses per subwatershed. Any subwatershed with a history of discharge complaints should automatically be designated as having high IDP.	Low: 0.00 - 4.99 complaints / square mile
		Medium: 5.00-9.99 complaints / square mile
		High: \geq 10.00 complaints / square mile
2. Poor Dry Weather Water Quality	Frequency that individual samples of dry weather water quality exceed benchmark values for bacteria, nutrients, conductivity, or other predetermined indicators. High risk if two or more exceedances are found in any given year.	Low: No impairment
		Medium: Biological/Nutrient/Sediment Impairment
		High: Chemical/Metal Impairment

Table 1. Desktop Analysis Screening Factors

Discharge Screening Factor	Definition	Illicit Discharge Potential (IDP) Risk Ranges
3. Density of Generating Sites	Frequency of known generating sites or industrial NPDES stormwater sites per square mile, based on a screening of business or permit databases.	Low: 0.00 - 2.99 sites / square mile
		Medium: 3.00 - 9.99 sites / square mile
		High: \geq 10.00 sites / square mile
4. Stormwater Outfall Density	Density of mapped stormwater outfalls in the subwatershed, expressed as the average number of outfalls per stream or channel mile.	Low: 0.00 - 9.99 / stream mile
		Medium: 10.00-19.99 outfalls/stream mile
		High: \geq 20.00 outfalls / stream mile
5. Age of Subwatershed Development	Defined as the average age of the majority of development in a subwatershed, as determined through tax maps and parcel data, or from other known information about neighborhoods.	Low: 1985 to Present
		Medium: 1955 to 1984
		High: Prior to 1955
6. Sewer Conversion	Subwatersheds that had septic systems, but have since been connected to the sanitary sewer system in the last 30 years have a high IDP.	Low: No conversion
		Medium: NA
		High: Conversion has occurred
7. Historic Combined Sewer Systems	Subwatersheds that were once served by combined sewer systems but were subsequently separated have a high IDP.	Low: No known combined systems
		Medium: Uncertain of historic conditions
		High: Known historic combined system
8. Presence of Older Industrial Operations	Subwatersheds with more than 5% of their area in industrial sites that are more than 40 years old are considered to have high IDP. This can be determined from historic zoning, tax maps, and "old-timers."	Low: No pre-1965 industrial sites
		Medium: NA
		High: \geq 1 site constructed prior to 1965

Table 1. Desktop Analysis Screening Factors

Discharge Screening Factor	Definition	Illicit Discharge Potential (IDP) Risk Ranges
9. Aging of Failing Sewer Infrastructure	Defined as the age and condition of the subwatershed sewer network. High IDP is indicated when the sewer age exceeds design life of its construction materials (e.g., 50 years) or when clusters of pipe breaks, spills, or overflows are reported to sewer authorities.	Low: To Be Determined
		Medium: To Be Determined
		High: To Be Determined
10. Density of Aging Septic Systems	Subwatersheds with a high density of older drain fields per square mile are considered to have high IDP. This can be determined from analysis of lot size outside of sewer service boundaries.	Low: 0-49 sites per square mile
		Medium: 50-99 sites per square mile
		High: 100+ sites per square mile

NOTE: Table derived from Table 14 in Chapter 5 of the IDDE Guidance Manual (Brown et al. 2004).

FACTOR NOTES:

1. Hazardous materials (HAZMAT) spill report data were obtained from the Harford County Government Emergency Operations Center and a shape file was created locating the incidents, which were then identified by subwatershed.
2. Harford County based the criteria on whether or not a subwatershed was listed as impaired waters on EPA's 303(d) list, with the highest risk given to sites listed as impaired for chemicals and metals, followed by a moderate risk given to sites with biological, nutrient, or sediment impairments.
3. The County based their screening on the density of industrial NPDES stormwater permits. The potential pollutants shape file was used to calculate the density of generating sites within each subwatershed.
4. Stream mileage was calculated by subwatershed and the density of outfalls was calculated based on the number of outfalls in the subwatershed divided by the stream miles.
5. The cadastral layer was used to obtain improved parcels with residential land uses and coded by subwatershed. The "Year Built" field located in the cadastral database was used to determine the average year of residential development by subwatershed.
6. Further investigation of the sewer projects (i.e., when and why sewer service was provided) can further validate a subwatershed having a high IDP value for this factor. While there are no shape files or map products available for sewer conversions within the county, sewer conversion is one of the fields in the County database.
7. Harford County Government Water and Sewer could not provide any information on the locations of historic combined sewer systems, but suggested that they were probably only present in the Delta-Cardiff area of the County.

8. Industrial land uses identified with structures constructed prior to 1965 were selected from the cadastral layer and any subwatershed having one or more of these sites were regarded as having a high IDP.
9. Harford County Government Water and Sewer had not developed this information prior to the 2008 desktop analysis, but they are currently developing the information. This factor will be examined in the desktop analysis and subwatershed screening efforts in future years.
10. Improved parcels with structures built before 1970 were selected from the cadastral layer and coded by subwatershed. More stringent requirements regarding septic systems were implemented in Harford County in 1970.

Prioritization of subwatersheds was completed by giving each screening factor an IDP score of 1, 2, or 3 based on IDP Risk Ranges established by the County for areas with low, medium, or high IDP risk, respectively (Table 1). Once all the factors were scored, they were added together to develop a raw IDP score for each subwatershed. This score was divided by the total number of screening factors assessed to derive the mean IDP score for each subwatershed, which falls in a range between 1 and 3. The overall IDP risk for a subwatershed based on these mean IDP scores is as follows:

- Low IDP Risk – 1.0 to 1.66
- Medium IDP Risk – 1.67 to 2.33
- High IDP Risk – 2.34 to 3.00

Once the scoring was completed, the County prepared maps depicting areas with low, medium, and high IDP risk for screening factors 1–5, 8, and 10. No maps were prepared for screening factors 6, 7, or 9, as no information was available to adequately evaluate these factors.

2.1.2 Selection of Outfalls

The County provided EA with results from the initial desktop analysis, final IDP risk maps, geographic information system (GIS) coverage/layers, and database of known outfalls. Further desktop analysis was then conducted by EA to prioritize and select outfalls for field inspection. Each outfall identified in the County's database was given the same IDP risk score as the mean IDP score for the subwatershed in which it occurs. These scores classified each outfall as low, medium or high IDP risk. An inspection priority was then assigned to each of the 2,923 outfalls that were identified in the database by ranking as documented in the March 2007 IDDE report by EA. The set of 2,923 outfalls is regarded as the master list for Harford County. After refining the selection procedures with the County, EA selected the outfalls for inspection using the following procedure:

- Incorporate 20% of outfalls previously inspected as part of the IDDE program per EPA audit instructions;
- Eliminate outfalls within the boundaries of Aberdeen, Bel Air, and Havre de Grace (these fall under separate municipal NPDES permits);
- Eliminate outfalls that belong to the State Highway Administration (SHA) MS4. EA eliminated outfalls within a 50-foot buffer on each side of a state road.

- Include only outfalls coded in the GIS as System (SYS) and exclude any outfalls coded as stormwater management (SWM) or culverts (C1 and C2);
- Using the normalized IDP score (in descending order from highest to lowest scores), EA selected the next highest ranking outfalls remaining.

Although the selections targeted the highest priority outfalls, qualifications such as site access and travel time were also considered in the selection process. The 104 outfalls inspected in 2009 are listed in Appendix B and maps of outfall locations are included in Appendix C.

To ensure that the outfalls inspected matched those prioritized from the County database, EA used a global positioning system (GPS) unit and known coordinates provided by the County to field locate each outfall. Field-verified northing and easting coordinates for each located outfall were recorded in North American Datum 1983 (NAD 83) State Plane feet. Three (3) new outfalls not included in the County database were discovered in the vicinity of documented outfalls; these were inspected and are listed in Table 2. The GPS coordinates for all inspected outfalls were uploaded to the GIS for mapping and program management development. Any outfall that could not be located by GPS or visual observation was noted as “not located”. Outfalls that were part of stormwater management ponds were not inspected. These outfalls are listed in Table 3.

Table 2. New outfalls located during inspections

Outfall ID	Field GPS Coordinates NAD83 State Plane feet		Initial Inspection Date	Follow-up Inspection Date ¹
	EASTING	NORTHING		
UNK 32	1492441.707	639926.787	10/21/2009	None
UNK 33	1487461.048	697591.799	11/17/2009	None
UNK 34	1487463.014	697589.944	11/17/2009	None

Note: Unknown Outfalls 1—31 have been reported in previous IDDE reports.

¹ No flow was observed at any of the outfalls. Therefore, no follow-up inspection was needed.

Table 3. Outfall locations not inspected during the 2009 effort

Number	Outfall ID	County Coordinates NAD83 State Plane feet		Reason For No Inspection
		EASTING	NORTHING	
1	OF000221	1503495.13	640574.21	SWM pond
2	OF002363	1503541.41	640391.24	SWM pond
3	OF002361	1503349.51	640355.06	SWM pond
4	OF002362	1503347.33	640646.58	SWM pond
5	OF002518	1501544.59	633836.57	Not Located
6	OF002556	1500344.72	635356.05	SWM pond
7	OF002555	1500633.20	635416.81	SWM pond
8	OF002554	1500353.55	635406.38	SWM pond
9	OF002517	1500246.10	633512.67	Not Located
10	OF002522	1499565.28	632226.29	Not Located
11	OF002615	1492109.44	640156.89	Not Located
12	OF000236	1506531.64	639118.70	Not Located
13	OF002292	1511306.74	650634.14	Not Located
14	OF002293	1511368.26	650665.37	Not Located
15	OF000636	1524552.62	653402.94	Not Located
16	OF002004	1523986.02	661532.99	SWM pond
17	OF001792	1487327.74	671044.87	Not Located
18	OF001851	1486723.38	670085.06	Not Located
19	OF001952	1492484.39	666079.95	Not Located
20	OF001928	1493130.90	668115.11	Not Located
21	OF001813	1484322.23	665028.81	Not Located
22	OF001824	1482102.63	660636.19	Not Located
23	OF000960	1487517.65	697754.81	Not Located
24	OF002081	1540032.37	662554.23	SWM pond
25	OF002568	1537373.40	656839.88	SWM pond
26	OF002572	1537129.10	658714.35	SWM pond
27	OF001811	1483251.08	666089.85	SWM pond

2.1.3 Inspection Procedures

EA conducted illicit discharge inspections at the selected outfall locations, which serve as discharge points of the MS4, during dry-weather conditions. Conducting the inspections during dry-weather conditions effectively removes rainfall as a source of discharge. Therefore, it can be assumed that any flow observed during the inspection is

due to either illicit activities or groundwater infiltration. Groundwater infiltration is usually the result of cracked pipes or leaking pipe joints. The dry-weather period was determined to start 48 hours after a rainfall event with greater than 0.1 inch of precipitation and end at precipitation of greater than 0.1 inch. EA continued to conduct stricter QA/QC procedures implemented during our previous inspection efforts in 2008 as part of the 2009 inspection procedures (see Figure 1).

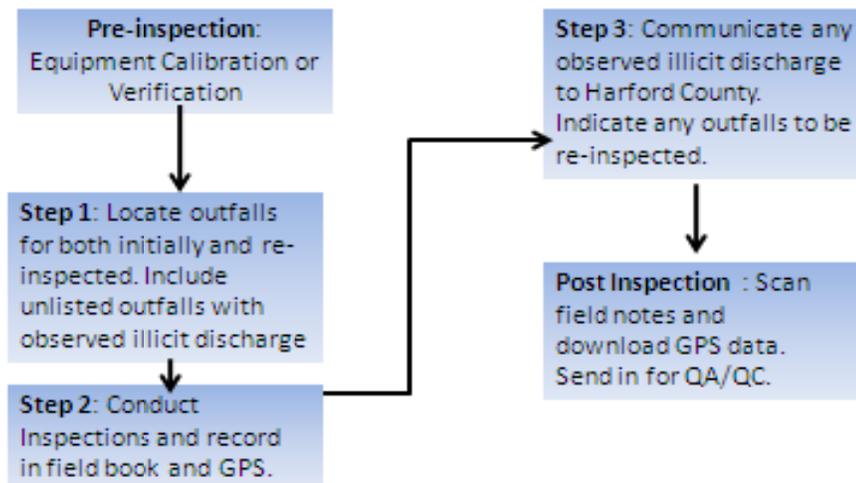
If flow was detected during the outfall inspections, field investigations were conducted to ascertain whether the MS4 discharge appeared to originate from an illicit connection or groundwater infiltration. Evidence of sanitary sewage was based on visual observations and a qualitative assessment of odor. Visual indicators of sewage include floatable items associated with raw sewage. Detectable foul odors are typically associated with the anaerobic breakdown of organic matter. The obvious presence of detergents was also noted at outfalls where applicable. Photos of each outfall were taken to facilitate comparisons during future inspections.

As directed by the Harford County DPW during a meeting on August 9, 2009 (attended by DPW and EA representatives), the several categories for outfall structural conditions inspections was condensed into one category for the 2009 program.

At each outfall with flow, water chemistry parameters were measured in the field using a YSI Model 55 water quality meter and a LaMotte SMART2 Model 1919 colorimeter. Water quality measurements conducted with the YSI meter included temperature ($^{\circ}\text{C}$), pH, dissolved oxygen (DO, milligrams per liter [mg/L]), percent saturation, and conductivity (millisiemens per centimeter [mS/cm]). Measurements conducted with the colorimeter were free and total chlorine (parts per million [ppm]), color (color units), copper (ppm), turbidity (formazin turbidity units [FTU]), phenols (ppm) and surfactants or detergents (presence or absence). The YSI water quality meter was calibrated weekly for pH, DO and conductivity using the appropriate standards and manufacturer recommended procedures. The colorimeter was supplied with an internal calibration prior to shipment and does not require additional field calibration prior to measurement. Reference standards were used to verify instrument readings monthly. SMART2 Colorimeter Performance Check Standards were used monthly to check the performance of the colorimeter at four wavelengths; all four readings were within the manufacturer recommended tolerance limits of the instrument.

The SMART2 Colorimeter is an EPA-Accepted instrument. EPA-Accepted means that the instrument meets the requirements for instrumentation found in test procedures that are approved by National Primary Drinking Water Regulations or NPDES compliance monitoring programs. EPA-Accepted instruments may be used with approved test procedures without additional approval (LaMotte, 2007). It should also be noted that tests measured with the SMART2 colorimeter were intended as initial screening tools to determine the presence or absence of the selected contaminants. With the exception of chlorine, values measured with the colorimeter for outfalls of concern should be confirmed by an approved analytical laboratory with acceptable methods of detection and reporting limits.

Figure 1. Harford County IDDE Field Inspection Procedures



All observations, water quality data, and photo identification numbers were recorded in both a field book and a handheld GPS unit. A blank inspection form is located in Appendix A. The inspection form was developed using recommendations provided by the IDDE Manual (Brown et al. 2004a). The completed outfall inspection forms and associated photographs are included on the attached compact disc (CD).

Data analysis included quality control of the field forms, GIS mapping of the visited outfalls, and developing recommendations regarding illicit discharge potential. For each water quality parameter, EA eliminated values that fell below the minimum detection limits of the instrumentation, as listed by the manufacturer (Table 4). When a parameter was found to be at a detectable limit, data were evaluated based on the water quality thresholds listed below for each parameter.

Table 4. Meter performance and water quality thresholds

Colorimeter Test Number	Name	Minimum Detection Limit	Instrument Range	Water Quality Threshold
17	Chlorine (liquid DPD)	0.05 ppm	0 to 4.0 ppm	0.05 ppm ^a
28	Color	20 cu	0 to 1,000 cu	20 cu ^a
32	Copper (DDC)	0.05 ppm	0 to 6 ppm	0.05 ppm ^a
77	Phenol	0.05 ppm	0 to 6 ppm	0.12 ppm ^b
98	Turbidity	2 FTU	0 to 400 FTU	10 FTU ^c
N/A	Detergent	N/A	N/A	Presence of detergent ^d
N/A	Percent saturation	0	N/A	<90% saturation
N/A	Water temperature	-5	-5 to 45 °C	23.9 °C ^e
N/A	pH	0	0 to 14 units	< 6 or > 7.5 ^c
N/A	Conductivity	0	0 to 200 mS/cm	2 mS/cm ^c

^a Thresholds for chlorine, color, and copper are the minimum detection limits of the colorimeter.

^b Threshold for phenol was taken from linen laundry wastewater characterization (USEPA 1990).

^c Thresholds for turbidity, pH and conductivity from Brown et al. (2004a).

^d The LaMotte Detergent Test Kit involves two steps: in the first step, the presence of detergent is detected. If detergent is found to be present in the sample, then step two determines the amount of detergent present.

^e Threshold for water temperature was derived from Baltimore County (2007).

Some of the thresholds were based on published results such as those for groundwater turbidity and conductivity taken from a study in Tuscaloosa, Alabama, as reported in the CWP IDDE Manual (Brown et al. 2004a). Harford County water quality data, such as measurements from local groundwater seeps and springs, would be more appropriate for establishing the water quality thresholds for the County's monitoring program, if this information becomes available in the future.

Using a weight of evidence approach, detectable measurements of one or more parameters can be utilized to better classify an illicit discharge as tap water, wash water, industrial wastewater, sewage, or groundwater seepage. For example, the presence of chlorine can be indicative of either tap water leaking from a broken supply pipe or sewage. Source tracking and subsequent analyses can be used to classify the

discharge. The presence of residual chlorine and copper, low turbidity, and no odor could also be used to classify the discharge as tap water. The presence of surfactants (i.e., detergents), copper, and residual chlorine could be used to classify the discharge as wash water. Discharges with no residual chlorine, low specific conductivity and turbidity can be used to classify the discharge as groundwater infiltration.

Samples that exceeded the thresholds for both residual chlorine and copper were considered to have “high potential” to contain illicit discharge. Samples exceeding a single threshold of chlorine or copper were considered to have “medium potential” to contain illicit discharge, and samples with a single parameter other than chlorine or copper exceeding the threshold were considered to have “some potential” to be illicit discharge.

EA developed the preceding approach to better recommend potential sources of illicit discharge quantitatively. Together with the weight of evidence approach, potential illicit sources of discharge were separated from “normal” groundwater infiltration.

Outfalls with flow were re-inspected within 24 hours or as soon as possible if conditions were not conducive for re-screening within 24 hours. Outfalls found to have illicit discharge with significant concentrations of contaminants, or multiple contaminants indicating the potential for pollution, were immediately communicated to Harford County so that remedial action could be taken. At the end of each day of inspections, all recorded field notes were scanned and GPS data downloaded. A flowchart outlining these steps is shown in Figure 1 above.

2.1.4. Source Tracking

Illicit discharge source tracking efforts were completed in 2009 for outfalls that exhibited flow during dry weather and which were characterized as having at least some potential for illicit discharge. The source tracking efforts involved conducting visual field observations of nearby areas draining to the system as well as cursory inspections within the storm drain system upstream of the outfall, where readily accessible, to attempt to pinpoint the source(s) of the flow. Field teams initially used the County’s stormwater infrastructure mapping to follow the system upstream of the outfall. Then positions of the upstream manholes, inlets, and ditches were confirmed and/or recorded in the GPS as part of the source tracking efforts. When possible, manhole covers were opened to determine whether flow was originating above or below that point in the system. In some instances, water samples were collected from manholes, inlets, and upstream ditches to detect potential illicit discharge using similar procedures to the outfall monitoring efforts. All water quality data collected along the system were input into the field GPS equipment and recorded in the field book.

2.2 FACILITY INSPECTIONS

The commercial and industrial facility inspections were conducted in accordance with guidance for conducting Hotspot Site Investigations (HSI), as presented by the CWP in Chapter 4 of *Urban Subwatershed Restoration Manual No. 11 - Unified Subwatershed and Site Reconnaissance: A User's Manual*, Version 2.0 (Wright et al. 2005).

2.2.1 Selection of Facilities

Types of facilities that were targeted for inspection were based on the EPA multi-sector general permit federal register (Federal Register 2000). The EPA register includes the following types of business:

- Automotive (Dealers and Repairs)
- Car Manufacturing
- Contracting and Building
- Distribution, Pharmaceutical
- Farming
- Food Products
- Home Additions
- HVAC Contractor
- Machine Shops
- Metal Manufacturing
- Restaurant Equipment Service
- Truck Leasing
- Auto Body Shop
- Commercial Printing & Advertising
- Distribution Center
- Electronics
- Flooring
- Furniture Restoration
- Home Improvements
- Lumber and Building Materials
- Manufacturing
- Plumbing, Heating, & Construction
- Retail Distribution

For the 2009 facility selection, EA focused on industrial/commercial facilities adjacent to the Route 40 corridor in Edgewood. Some sites were chosen based on previous IDDE efforts (i.e., EA rotated to other businesses within the same commercial/industrial park or corridor). A small number of facilities not initially selected for inclusion in this year's program were inspected based on visual observations of the site while en route to selected facilities. The goal was to inspect a minimum of 50 facilities. The 54 facilities that were inspected in September 2009 are listed in Appendix F.

2.2.2 Inspection Procedures

Assessments were limited to visual inspections of the exterior surroundings. This inspection technique is referred to as a "windshield survey". In some cases, EA would conduct the facility inspection on foot to obtain additional detailed observations. The inspections were conducted without prior notification to the facility owner/operator. EA utilized the HSI form as the inspection procedural guide and record for each facility visited. The following items were addressed at each site:

- Vehicle operations
- Outdoor materials

- Waste management practices
- Physical plant operations
- Turf/landscaping areas
- Stormwater infrastructure

To address the first three items, specific areas of the site were documented, such as shipping and receiving areas, storage areas, waste management areas, and vehicle storage lots. Any visual indications of spills or leaks (e.g. oil-stained pavement) were noted. The remaining items generally require more in-depth investigations that are not possible from a windshield survey (e.g. tour of the facility, questioning of groundskeeper for fertilizer application and treatment of yard waste, and review of as-built plans for drainage systems or stormwater best management practices). However, any visual cues of potential pollution sources were noted.

Any facility's address that could not be found, or was no longer a commercial facility, was noted as "does not exist". The facility inspections were conducted in September 2009. All observations were recorded on HSI inspection forms (Appendix E; Wright et. al. 2005). Within each of the six criteria listed above are specific questions that were answered, based on visual observation of the site conditions.

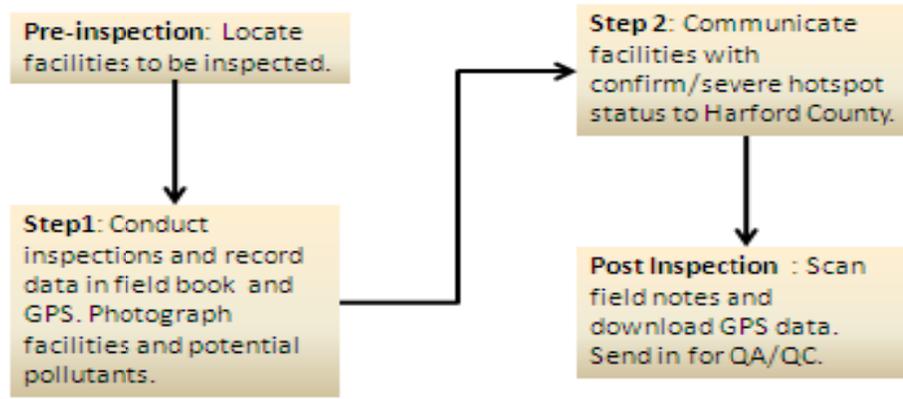
EA personnel completed HSI forms for each site, filling in circles to indicate potential sources of pollution, and checking boxes to indicate observed pollution. The checked circles and boxes were then tallied and sites were rated according to the following scale:

- Fewer than 5 circles and no boxes checked: *Not a hotspot.*
- 5 to 10 circles but no boxes checked: *Potential hotspot.*
- 10 to 15 circles and/or 1 box checked: *Confirmed hotspot.*
- Greater than 15 circles and/or 2 or more boxes checked: *Severe hotspot.*

Any facilities found to be in the confirmed or severe hotspot category were immediately communicated to Harford County so that County follow-up and remedial action could be taken. At the end of each day of inspections, all recorded field notes were scanned and GPS data were downloaded for QA/QC. A flowchart outlining these steps is shown in Figure 2.

Photographs were taken at each facility to document potential pollution sources and examples of good or poor housekeeping. The completed facility inspection forms, ArcGIS database, and digital photographs are included in the CD contents.

Figure 2: Harford County IDDE Field Inspection Procedures for Commercial Facilities



3. DATA EVALUATION

3.1 OUTFALL INSPECTIONS

EA visited a total of 104 outfalls as part of the 2009 monitoring efforts. From the visited set of outfalls, 77 were inspected, while the remaining 27 were either not located or were found to be associated with stormwater management ponds and removed from further consideration (refer to Table 3). Of the 77 inspected outfalls, EA encountered flows at 14 outfalls which were screened based on the procedures discussed in the methods section above. Nine (9) of these fourteen (14) outfalls continued to have flow on the second (follow-up) inspection. Five (5) of the fourteen (14) outfalls did not have flow on the second inspection. Due to the lack of flow they were not tested for water chemistry and flow parameters. Therefore, a total of 23 samples from the 14 outfalls with flow were tested for water chemistry and physical parameters and the results of the water quality analysis are included on Table 5. EA forwarded a list of outfalls with high or medium potential for illicit discharge to the County on November 17, 2009.

Source-tracking was completed for selected outfalls that met the criterion of having flow on both the initial and the follow-up inspections. In this case, seven (7) of the nine (9) outfalls with flow on both inspections were source-tracked. The other two outfalls were not source-tracked for the following reasons:

- OF002470 – This outfall was on an active construction site and could not be source-tracked safely.

- OF002268 – This outfall had very little flow on both inspections. The flow could not be effectively tracked in the field.

The source-tracked outfalls included several with high and medium potential for illicit discharge. In addition, EA conducted field screening of flows at all seven (7) of the source-tracked outfalls. The findings from the source tracking efforts are presented in section 3.1.1.

Table 5. Outfalls with flow and field water quality parameters above thresholds.

ID	Inspection	Date	Chlorine	Phenols	Copper	Turb.	Color	Surf./ Det.	% Sat.	Temp.	pH	Cond.
HIGH POTENTIAL FOR ILLICIT DISCHARGE												
OF002711	Initial	11/6/2009	X	X					X			
OF002711	Follow-up	11/9/2009	O	O	O	O	O		O		O	
MEDIUM POTENTIAL FOR ILLICIT DISCHARGE												
OF002401	Initial	10/20/2009		X	X	X	X		X			
OF002401	Follow-up	10/21/2009		O	O		O		O			
OF000628	Initial	10/20/2009		X	X	X	X		X			
OF000628	Follow-up	10/21/2009		O		O	O		O			
OF002613	Initial	10/21/2009	X			X	X					
OF002613	Follow-up	10/22/2009		O			O					
OF002404	Initial	10/21/2009			X	X	X		X			
OF002404	Follow-up	10/22/2009	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
OF002470	Initial	10/22/2009			X		X					
OF002470	Follow-up	10/30/2009			O	O	O					
OF002050	Initial	10/30/2009		X	X	X	X					
OF002050	Follow-up	11/4/2009	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
OF002268	Initial	11/4/2009	X	X			X					
OF002268	Follow-up	11/5/2009		O			O					
OF002262	Initial	11/5/2009		X	X	X	X					
OF002262	Follow-up	11/6/2009	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
OF002093 ^a	Initial	11/5/2009	X	X			X				X	
OF002093 ^a	Follow-up	11/6/2009	O	O			O		O		O	
OF000962	Initial	11/17/2009		X			X				X	
OF000962	Follow-up	11/18/2009	O				O	O				

Table 5. Outfalls with flow and field water quality parameters above thresholds. (cont.)

ID	Inspection	Date	Chlorine	Phenols	Copper	Turb.	Color	Surf./ Det.	% Sat.	Temp.	pH	Cond.
SOME POTENTIAL FOR ILLICIT DISCHARGE												
OF001365	Initial	11/5/2009		X			X		X			
OF001365	Follow-up	11/6/2009	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
OF000372	Initial	11/6/2009		X			X		X		X	
OF000372	Follow-up	11/9/2009	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
OF000117	Initial	11/9/2009		X					X		X	
OF000117	Follow-up	11/17/2009		O							O	

Notes:

X= parameter measured equal to or above threshold described above on initial inspection.

O= parameter measured equal to or above threshold on follow-up inspection.

NF = no flow was observed on the follow-up inspection.

^a OF002093 was categorized as having a "medium potential" due to chlorine equal to or above the threshold. However, due to very high pHs (>12), this outfall is worth investigating further.

Definitions:

High potential for illicit discharge: outfall samples exceeded thresholds for both chlorine and copper on at least one inspection.

Medium potential for illicit discharge: outfall samples exceeded a single threshold for either chlorine or copper on at least one inspection.

Some potential for illicit discharge: outfall samples exceeded the threshold for a single parameter other than chlorine or copper on at least one inspection.

3.1.1. Source Tracking Results

OF002401 was source tracked to a manhole and a series of ditches along Dogwood Drive, Shady Drive, and Crossgate Drive (Figure D-1). Screened samples contained copper and phenols, had high turbidity and color, and low percent oxygen saturation, indicating medium potential for illicit discharge. Due to flowing water in the ditches upstream of the outfall, the likely source of this discharge was high groundwater.

OF000628 was source tracked to a series of manholes and inlets behind Magnolia Middle School (Figure D-2). Since no flow was observed at the "Manhole NE" location, the source is likely coming from the southern storm drain line. The presence of copper, phenols, high turbidity, high color, and low percent oxygen saturation in the screened samples indicate medium potential for illicit discharge. The source tracking was inconclusive for this outfall because the manholes along the southern storm drain line were sealed shut and inaccessible to EA's field crews.

OF002613 was source tracked along a series of culverts and ditches northeast along Trimble Road (Figure D-3). Based on visual observations, it appeared that the source of the water is a stormwater pond which drains new developments along Scannell Court. The initial screened sample from the outfall contained high chlorine, high turbidity, and high color, indicating medium potential for illicit discharge.

OF002093 was source tracked to a manhole upstream then across Philadelphia Road to a series of inlets (Figure D-4). The screened samples contained high levels of chlorine, color, and phenols, and the pH was very high (>12). This indicates medium potential for illicit discharge. Due to the high pH, this outfall should be investigated further. The results of the chemical analyses suggest a change in water quality from the manhole to the outfall, suggesting the possibility of either an unknown connection in the storm drain line or a crack in the pipe beneath the impoundment lot (Figure D-4).

OF002711 was source tracked to a manhole directly upstream (Figure D-5). At this manhole, a small amount of flow appeared to be coming in through cracks in the concrete. Initial screened samples contained chlorine and phenols. Follow-up sampling detected chlorine, copper, and phenols, as well as high turbidity and high color. In addition, percent oxygen saturation and pH were both low. Based on these results, this outfall has high potential for illicit discharge.

OF000117 was source tracked to a manhole and two inlets upstream, and eventually to standing water at the edge of the woods on the northeast side of Fallston Mall, suggesting the source of the flow is high groundwater (Figure D-6). The water quality data revealed high phenols, a slightly elevated pH, and a low oxygen saturation percentage, indicating some potential for illicit discharge.

OF000962 was not located at the county coordinates but appeared to have been moved about 300 feet southwest. This outfall was source tracked to a series of manholes and inlets on the north side of Industry Lane. Water appeared to be coming from the area

under "Manhole East" and "Manhole West," which in turn was tracked to "Inlet North" (see Figure D-7). In addition, because there was an audible sound of flow in the pipe just upstream of OF000962, it is suspected that there is either a crack in the pipe or an unknown connection in the storm drain line between OF000962 and the manholes. Based on field sampling at the outfall, color was high and pH was low. Some detergent and chlorine were also present in the sample collected during the follow-up inspection. These results indicate medium potential for illicit discharge.

3.2 FACILITY INSPECTIONS

EA visited a total of 54 facilities for inspection in Harford County. The completed HSI forms are located on the CD. The site number, facility name, address, type of operation, and associated photo number for inspected facilities are listed in Appendix F.

The results of the facility inspections are presented below in Table 6. Based on the grading scale, 47 of the 54 facilities were not hotspots. Two (2) of the sites were identified as confirmed hotspots, and five (5) were identified as potential hotspots. None of the facilities were classified as severe hotspots. Below is a synopsis of the types of problems identified at the seven (7) sites exhibiting characteristics of confirmed or potential hotspots.

Confirmed Hotspots

New Covenant Heating (Site #09001) was not on the original list of facilities to be inspected but was located next to another facility on the list. During inspection of the neighboring facility, it was noted that New Covenant Heating had rolls of insulation out in the open near the dumpster, and the site was labeled a confirmed hotspot. Follow-up action by the County is recommended to ensure the insulation has been removed.

Comcast, formerly McNew Repair (Site #09018), was labeled a confirmed hotspot due to debris including batteries, wires, and a television strewn about the property. There is no business currently operating at this location.

Potential Hotspots

Apna Bazaar (Site #09013) had several vehicles being maintained and stored outdoors with no runoff diversion. There were also tires, and barrels with no cover or runoff diversion. The dumpster was open and overflowing. It was labeled a potential hotspot.

Western Auto (Site #09016) was labeled a potential hotspot due to outdoor storage of tires and vehicles without runoff diversion or covers.

True Value Hardware (Site #09041) has a storm drain behind the building that discharges directly to an outfall. Fertilizers, metal and treated wood are stored outside; the dumpster was open and located near the storm drain. This facility was labeled a potential hotspot.

The Business Park on 320 Pulaski Highway (Site #09042) had an open dumpster, improperly stored tires, and the storm drain in the parking lot was clogged and had oil stains nearby. This facility features onsite storm water retention ponds. The Business Park contains Joel's Auto Repair and C&S Welding, and was labeled a potential hotspot.

National Budget Muffler (Site #09043) was also labeled a potential hotspot due to outdoor, uncovered storage of junk vehicles, tires, a rusty oil tank and drums, and other waste.

Table 6. Results of 2009 facility inspections

Site Number	Date of Inspection	Name	Inspection Results							Hotspot Status	Notes
			Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/Landscaping	Stormwater Infrastructure			
09001	9/15/09	Denny's								Not a hotspot	
09002	9/15/09	Burger King			X					Not a hotspot	<i>Dumpster leaking near storm drain inlet.</i>
09003	9/15/09	Emmorton Park Exxon	X							Not a hotspot	<i>Fueling areas connected to storm drain.</i>
09004	9/15/09	Dimitri's II (formerly Charley's Grilled Subs)								Not a hotspot	
09005	9/15/09	Ed's Refrigeration and AC, Inc.			X					Not a hotspot	<i>Dumpster open.</i>
09006	9/15/09	Cignatta			X					Not a hotspot	<i>Dumpster open.</i>
09007	9/15/09	GT Performance, Inc.								Not a hotspot	
09008	9/15/09	Stack and Store Mini Storage								Not a hotspot	<i>Could not inspect rear area.</i>
09009	9/15/09	Llojenn								Not a hotspot	
09010	9/15/09	Edgewood Liquors				X				Not a hotspot	<i>Stains on building.</i>
09011	9/15/09	New Covenant Heating		X	XX	X				Confirmed hotspot	<i>Insulation should be removed. Dumpster open. Building has stains.</i>

Table 6. Results of 2009 facility inspections

Site Number	Date of Inspection	Name	Inspection Results							Hotspot Status	Notes
			Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/Landscaping	Stormwater Infrastructure			
09012	9/15/09	Catholic Charities (formerly Fasteners & Refinish Solutions)			X					Not a hotspot	<i>Dumpster open.</i>
09013	9/15/09	Apna Bazaar, Inc.	X	X	X					Potential hotspot	<i>Vehicles maintained and stored outdoors without diversion. Tires, barrels. Dumpster open and overflowing.</i>
09014	9/15/09	Edgewood Texaco								N/A	<i>Could not locate.</i>
09015	9/15/09	Diana Foods, Inc.								N/A	<i>Could not locate.</i>
09016	9/15/09	Western Auto	X	X						Potential hotspot	<i>Vehicles repaired/stored outside without diversion. Tires.</i>
09017	9/15/09	Otter Point Automotive, L.L.C.	X	X						Not a hotspot	<i>Vehicles stored/repaired outside without diversion. Pallets.</i>
09018	9/15/09	Comcast (formerly McNew Repair)			XX	X				Confirmed hotspot	<i>Debris including batteries, television, cables should be cleaned up. Business is closed.</i>
09019	9/16/09	Tartan (Sweet) Cleaners			X					Not a hotspot	<i>Dumpster open and near storm drain inlet.</i>
09020	9/16/09	Charcoal Grill, Inc.								Not a hotspot	<i>Business is closed.</i>

Table 6. Results of 2009 facility inspections

Site Number	Date of Inspection	Name	Inspection Results								
			Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/Landscaping	Stormwater Infrastructure	Hotspot Status	Notes	
09021	9/16/09	Mars Super Markets, Inc.		X						Not a hotspot	<i>Staining near loading area. One downspout in rear is leaking onto pavement.</i>
09022	9/16/09	Giant Food				X				Not a hotspot	<i>Business is closed. Downspouts discharge to impervious surface.</i>
09023	9/16/09	Best Dry Cleaners			X	X				Not a hotspot	<i>Business is closed. Dumpster open, near storm drain inlet. Downspouts discharge to impervious surface.</i>
09024	9/16/09	Firestone Tire & Auto Center		X	X	X				Not a hotspot	<i>Outdoor storage of tires, oil drum lacks cover. Dumpster near storm drain inlet. Downspouts discharge to impervious surface.</i>
09025	9/16/09	Giovanni's Restaurant				X				Not a hotspot	<i>Downspouts discharge to impervious surface.</i>
09026	9/16/09	Edgewood Veterinary Hospital				X				Not a hotspot	<i>Downspouts discharge to impervious surface. No diversion for concrete pad in kennels.</i>
09027	9/16/09	Burger King			X					Not a hotspot	
09028	9/16/09	US Motors	X	X						Not a hotspot	<i>Vehicles stored/repaired outside without diversion. Barrels without secondary containment; tires.</i>
09029	9/16/09	Sun Cleaners								Not a hotspot	

Table 6. Results of 2009 facility inspections

Site Number	Date of Inspection	Name	Inspection Results							Hotspot Status	Notes
			Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/Landscaping	Stormwater Infrastructure			
09030	9/16/09	Carpet and Flooring by Denny Lee			X					Not a hotspot	<i>Dumpster open.</i>
09031	9/16/09	Safeguard Self-Storage				X				Not a hotspot	<i>Downspouts discharge to impervious surface.</i>
09032	9/16/09	Texaco (formerly Edgewood Crown)				X				Not a hotspot	<i>Downspouts discharge to impervious surface.</i>
09033	9/16/09	Mercy International Foods				X	X			Not a hotspot	<i>Downspouts discharge to impervious surface. Plants accumulate organic matter on impervious surface.</i>
09034	9/16/09	Pawsitively Purrfect Grooming								Not a hotspot	
09035	9/16/09	Car Depot								Not a hotspot	<i>Downspouts discharge to impervious surface.</i>
09036	9/16/09	Waters Auto Services, L.L.C.			X					Not a hotspot	<i>Dumpster near storm drain inlet. Downspouts discharge to impervious surface.</i>
09037	9/16/09	Abdoulie Jobe Used Cars								Not a hotspot	<i>This address is a residence.</i>
09038	9/16/09	Devon Self Storage				X				Not a hotspot	<i>Downspouts discharge to impervious surface. Property was fenced, could not inspect back area.</i>
09039	9/16/09	Day's Joppa Auto Care								Not a hotspot	<i>County-dug culvert on edge of property appears silted in and clogged.</i>

Table 6. Results of 2009 facility inspections

Site Number	Date of Inspection	Name	Inspection Results							Hotspot Status	Notes
			Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/Landscaping	Stormwater Infrastructure			
09040	9/16/09	Equipment Distributor		X		X				Not a hotspot	<i>Dirt pile without cover. Parking lot breaking up.</i>
09041	9/16/09	Tru Value Hardware	X	X	X	X				Potential hotspot	<i>Storm drain behind building discharges directly to outfall (see map on inspection form). Fertilizers, metal and wood stored outside; dumpster open and near storm drain.</i>
09042	9/16/09	Business Park (Joel's Auto Repair, C&S Hydraulic Welding)	X	X	X					Potential hotspot	<i>Dumpster open; tires. Storm drain in parking lot is clogged; oil stains near it. Stormwater retention ponds on site.</i>
09043	9/16/09	National Budget Muffler	X	X		X				Potential hotspot	<i>Junk vehicles, tires, rusty oil tank and drums, other waste.</i>
09044	9/16/09	United Rental			X					Not a hotspot	<i>Dumpster open. Could not inspect rear area.</i>
09045	9/17/09	D & C Distributors								Not a hotspot	<i>Address is a residence.</i>
09046	9/17/09	Joppatowne Lions Motors								Not a hotspot	<i>Address is a residence.</i>
09047	9/17/09	Lawn-A-Ranger								Not a hotspot	<i>Address is a residence.</i>
09048	9/17/09	Edgewood Auto Service, Inc.	X							Not a hotspot	<i>Vehicles stored/repaired outside without diversion.</i>
09049	9/17/09	Edgewood Garage	X		X					Not a hotspot	<i>Vehicles stored/repaired outside without diversion. Dumpster open.</i>

Table 6. Results of 2009 facility inspections

Site Number	Date of Inspection	Name	Inspection Results							Hotspot Status	Notes
			Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/Landscaping	Stormwater Infrastructure			
09050	9/17/09	S & H Cleaners and Alterations				X				Not a hotspot	<i>Parking lot breaking up; downspouts discharge to impervious surface.</i>
09051	9/17/09	Expert Landscape Management								Not a hotspot	
09052	9/17/09	Kayfield Automotive Paint Corp.			X	X				Not a hotspot	<i>Dumpster near storm drain inlet. Downspouts discharge to impervious surface.</i>
09053	9/17/09	Tillman Tool Company, Inc.								Not a hotspot	<i>Downspouts discharge to impervious surface.</i>
09054	9/15/09	3-D Storage, L.L.C.								Not a hotspot	<i>Could not inspect rear area.</i>

Notes:

X Denotes category with at least one checked circle on HSI form.

XX Denotes observed potential pollution source on HSI form.

Four facilities have changed names since the list was originally developed.

EA forwarded the list of sites rated as confirmed and potential hotspots to the County on September 21, 2009. Follow-up action by the County is recommended at the two confirmed hotspots due to observed pollution sources and immediate necessary intervention. Follow-up action is also recommended at the five potential hotspots due to potential illicit discharges or clear violations of NPDES guidelines.

The inspections indicated that the majority of potential pollution sources originated from poor waste management practices and poor upkeep of the overall physical conditions at the facility. Approximately 33 percent of the facilities inspected exhibited improper waste management including overflowing dumpsters, open lids, leaking or unlabeled used oil tanks, and improperly discarded refuse such as oil filters, batteries, and manufacturing wastes. Thirty one (31) percent of the inspected facilities had poor upkeep of the physical facility. This included dirty parking lots with stains flowing directly (i.e., un-diverted) to storm drains, or rooftop downspouts that were discharging directly to impervious surfaces and storm drains. Approximately 20 percent of the facilities inspected had improperly stored outdoor materials, including materials that lacked secondary containment or coverings such as 55-gallon chemical drums and/or oil tanks. Nineteen (19) percent of the inspected sites had potential pollution sources related to vehicle operations, typically rusty and broken-down vehicles left on the property. Less than 2 percent of the facilities had improper turf/landscaping management and none had potential pollution sources related to stormwater infrastructure.

Facilities and potential pollution sources were documented with photographs. The JPEG images are named with a short identifier and photo number (e.g., BurgerKing_813.jpg) and are included in the photo log on the CD, organized by severity of the hotspot status.

4. CONCLUSIONS

EA visited a total of 104 outfalls during the 2009 illicit discharge inspection efforts. Of the 104 visited, 77 were inspected while 27 outfalls either could not be located or were associated with stormwater management facility. EA encountered flow at fourteen (14) outfalls, nine (9) of which continued to have flow on the follow-up inspection. In addition, seven (7) of the outfalls with flow were source tracked to determine the potential source of the flow.

Follow-up action by the County in the form of additional sampling and pipe tracing is recommended for the following seven outfalls which had at least "some potential" for illicit discharge: OF000117, OF000628, OF000962, OF002093, OF002401, OF002613, and OF002711.

To verify the sources of illicit discharge, EA recommends re-visiting the potential illicit discharge outfalls (see Table 5) for further sampling and more precise detection analysis by a certified laboratory. Natural shallow groundwater, spring water, tap water, and irrigation sources should be tested to discern natural background concentrations for the region. The current chemical analysis spectrum may be inadequate for precise discharge characterization. Ammonia, fluoride, and potassium are better indicators of potential illicit discharge sources while phenols, DO, and copper are less sensitive (Brown et. al. 2004a). Video testing by guided mobile cameras in the stormwater infrastructure could also be initiated by the County to assist in tracking the discharges to a specific source.

It is recommended that the 27 outfalls confirmed as no longer evident or that are outfalls associated with a storm water management facility (Table 3) be removed from the County's outfall inspection database. The three (3) outfalls that were formerly undocumented (Table 2) should be added to the database.

EA conducted hotspot inspections of 54 commercial and industrial facilities. Based on the results of these inspections, two (2) facilities are considered confirmed hotspots (Comcast and New Covenant Heating) and follow-up action by the County is recommended for these facilities. Additionally, it is recommended that the County follow up on five (5) other facilities that are potential hotspots based on initial inspections (Apna Bazaar, Inc.; Western Auto; Tru -Value Hardware; Business Park; and National Budget Muffler). These facilities exhibited some potential pollution sources and could benefit from public education and outreach to improve their environmental footprint. EPA provides a good source of storm water outreach materials and reference documents on the agency website (<http://cfpub1.epa.gov/npdes/stormwatermonth.cfm>).

5. REFERENCES

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APPENDIX A

OUTFALL INSPECTION FORM

APPENDIX B

LIST OF INSPECTED OUTFALLS

2009 List of Inspected Outfalls

Number	Outfall ID	Field GPS Coordinates NAD83 State Plane feet		Initial Inspection Date	Follow-up Inspection Date
		EASTING	NORTHING		
1	OF000116	1483583.608	667343.699	11/6/2009	None
2	OF000117	1484366.316	665213.061	11/9/2009*	11/17/2009**
3	OF000196	1524711.724	657948.514	11/5/2009	None
4	OF000198	1523186.044	659402.940	11/4/2009	None
5	OF000199	1524521.552	658415.856	11/4/2009	None
6	OF000202	1522261.120	655459.019	10/22/2009	None
7	OF000372	1488053.655	672529.249	11/6/2009*	11/9/2009
8	OF000422	1490169.439	698089.591	11/17/2009	None
9	OF000621	1524208.984	659765.318	11/4/2009	None
10	OF000628	1502332.84	634574.939	10/20/2009*	10/21/2009**
11	OF000654	1523272.471	654197.041	10/22/2009	None
12	OF000659	1514846.199	655503.198	10/22/2009	None
13	OF000683	1492229.293	695918.383	11/17/2009	None
14	OF000952	1485317.116	696578.902	11/17/2009	None
15	OF000962	1488486.693	696556.966	11/17/2009*	11/18/2009**
16	OF000990	1506674.43	696674.098	11/6/2009	None
17	OF001227	1493658.814	693220.983	11/17/2009	None
18	OF001359	1511989.033	689268.473	11/5/2009	None
19	OF001365	1512812.887	690036.162	11/5/2009*	11/6/2009
20	OF001370	1512946.395	689321.125	11/5/2009	None
21	OF001812	1484309.402	665027.625	11/9/2009	None
22	OF001841	1482418.634	664123.668	11/17/2009	None
23	OF001843	1481344.036	662252.023	11/17/2009	None
24	OF001852	1492012.601	667089.947	11/9/2009	None
25	OF001853	1492031.956	667068.997	11/9/2009	None
26	OF001926	1492751.567	668826.267	11/9/2009	None
27	OF001927	1493036.606	668739.549	11/9/2009	None
28	OF001950	1492468.816	667535.267	11/9/2009	None
29	OF001951	1493214.073	667802.585	11/9/2009	None
30	OF002005	1523641.300	661523.575	10/30/2009	None
31	OF002048	1523229.050	660083.289	10/30/2009	None
32	OF002049	1523332.030	660225.510	10/30/2009	None
33	OF002050	1523439.798	660866.149	10/30/2009*	11/4/2009
34	OF002052	1524176.238	661164.321	11/4/2009	None
35	OF002054	1525408.743	660380.807	10/22/2009	None
36	OF002066	1523504.332	660143.609	11/4/2009	None
37	OF002067	1523565.468	660660.109	11/4/2009	None
38	OF002072	1536844.045	660503.135	11/18/2009	None

2009 List of Inspected Outfalls

Number	Outfall ID	Field GPS Coordinates NAD83 State Plane feet		Initial Inspection Date	Follow-up Inspection Date
		EASTING	NORTHING		
39	OF002074	1537335.774	660966.785	11/18/2009	None
40	OF002075	1537690.388	660899.106	11/18/2009	None
41	OF002093	1535087.269	662902.269	11/5/2009*	11/6/2009**
42	OF002259	1522941.357	659298.792	11/4/2009	None
43	OF002260	1522491.079	659084.575	11/4/2009	None
44	OF002261	1522708.935	658691.772	11/4/2009	None
45	OF002262	1523868.369	656402.175	11/5/2009*	11/6/2009
46	OF002263	1523817.961	657652.575	11/5/2009	None
47	OF002264	1523646.943	657080.340	11/5/2009	None
48	OF002265	1523161.470	658036.848	11/4/2009	None
49	OF002266	1523599.882	658029.244	11/5/2009	None
50	OF002267	1523740.044	659502.330	11/4/2009	None
51	OF002268	1523398.492	659716.460	11/4/2009*	11/5/2009**
52	OF002269	1524986.090	659142.874	10/22/2009	None
53	OF002270	1524819.475	658099.989	11/5/2009	None
54	OF002271	1524929.740	658807.042	10/22/2009	None
55	OF002272	1524820.850	656858.631	11/5/2009	None
56	OF002273	1524318.028	656400.751	11/5/2009	None
57	OF002274	1525199.141	656587.813	11/5/2009	None
58	OF002276	1525345.757	659969.503	10/22/2009	None
59	OF002282	1525025.235	659521.328	10/22/2009	None
60	OF002284	1522384.471	654993.014	10/22/2009	None
61	OF002287	1524673.345	653404.611	10/22/2009	None
62	OF002290	1510821.288	650543.909	10/22/2009	None
63	OF002302	1537225.652	659851.518	11/18/2009	None
64	OF002380	1502690.334	637261.501	10/20/2009	None
65	OF002382	1504676.186	638718.915	10/22/2009	None
66	OF002401	1503077.962	638530.660	10/20/2009*	10/21/2009**
67	OF002403	1503677.401	639060.204	10/20/2009	None
68	OF002404	1506367.853	638412.646	10/21/2009*	10/22/2009
69	OF002470	1513991.526	639250.373	10/22/2009*	10/30/2009**
70	OF002613	1492580.723	639989.179	10/21/2009*	10/22/2009**
71	OF002692	1490977.457	695776.349	11/17/2009	None
72	OF002711	1485608.481	664065.898	11/6/2009*	11/9/2009**
73	OF002728	1520185.418	655072.822	10/22/2009	None
74	OF002814	1490848.704	696896.590	11/17/2009	None
75	OF000221	1503495.130(a)	640574.210(a)	10/20/2009	SWM pond
76	OF001811	1483251.080(a)	666089.850(a)	11/6/2009	SWM pond
77	OF002004	1523986.020(a)	661532.990(a)	10/30/2009	SWM pond

2009 List of Inspected Outfalls

Number	Outfall ID	Field GPS Coordinates NAD83 State Plane feet		Initial Inspection Date	Follow-up Inspection Date
		EASTING	NORTHING		
78	OF002081	1540032.370(a)	662554.230(a)	11/18/2009	SWM pond
79	OF002361	1503349.510(a)	640355.060(a)	10/20/2009	SWM pond
80	OF002362	1503347.330(a)	640646.580(a)	10/20/2009	SWM pond
81	OF002363	1503541.410(a)	640391.240(a)	10/20/2009	SWM pond
82	OF002554	1500353.550(a)	635406.380(a)	10/21/2009	SWM pond
83	OF002555	1500633.200(a)	635416.810(a)	10/21/2009	SWM pond
84	OF002556	1500344.720(a)	635356.050(a)	10/21/2009	SWM pond
85	OF002568	1537373.400(a)	656839.880(a)	11/18/2009	SWM pond
86	OF002572	1537129.100(a)	658714.350(a)	11/18/2009	SWM pond
87	OF000236	1506531.640(a)	639118.700(a)	10/22/2009	Not Located
88	OF000636	1524552.620(a)	653402.940(a)	10/22/2009	Not Located
89	OF000960	1487517.650(a)	697754.810(a)	11/17/2009	Not Located
90	OF001792	1487327.740(a)	671044.870(a)	11/6/2009	Not Located
91	OF001813	1484322.230(a)	665028.810(a)	11/9/2009	Not Located
92	OF001824	1482102.630(a)	660636.190(a)	11/17/2009	Not Located
93	OF001851	1486723.380(a)	670085.060(a)	11/9/2009	Not Located
94	OF001928	1493130.900(a)	668115.110(a)	11/9/2009	Not Located
95	OF001952	1492484.390(a)	666079.950(a)	11/9/2009	Not Located
96	OF002292	1511306.740(a)	650634.140(a)	10/22/2009	Not Located
97	OF002293	1511368.260(a)	650665.370(a)	10/22/2009	Not Located
98	OF002517	1500246.100(a)	633512.670(a)	10/21/2009	Not Located
99	OF002518	1501544.590(a)	633836.570(a)	10/20/2009	Not Located
100	OF002522	1499565.280(a)	632226.290(a)	10/21/2009	Not Located
101	OF002615	1492109.440(a)	640156.890(a)	10/21/2009	Not Located
102	UNK 32	1492441.707	639926.787	10/21/2009	None
103	UNK 33	1487461.048	697591.799	11/17/2009	None
104	UNK 34	1487463.014	697589.944	11/17/2009	None

* Flow was observed during the initial outfall inspection and required a follow-up inspection.

** Flow was observed at the time of the follow-up inspection.

(a) County GPS coordinates were used instead of field GPS coordinates in cases where the outfall was either not located or was associated with a SWM facility (#75 – 101).

APPENDIX C

MAPS OF OUTFALL LOCATIONS

- C-1 Overview Map of Inspected Outfalls in Harford County, 2009
- C-2 Inspected Outfalls, Forest Hill Area, Harford County, 2009
- C-3 Inspected Outfalls, West of Churchville Area, Harford County, 2009
- C-4 Inspected Outfalls, Benson Area, Harford County, 2009
- C-5 Inspected Outfalls, Joppatowne Area, Harford County, 2009
- C-6 Inspected Outfalls, Edgewood Area, Harford County, 2009
- C-7 Inspected Outfalls, Abingdon Area, Harford County, 2009
- C-8 Inspected Outfalls, Perryman Area, Harford County, 2009

APPENDIX D

MAPS OF OUTFALL SOURCE TRACKING

- D-1 2009 Harford County Outfall Source Tracking: OF002401
- D-2 2009 Harford County Outfall Source Tracking: OF000628
- D-3 2009 Harford County Outfall Source Tracking: OF002613
- D-4 2009 Harford County Outfall Source Tracking: OF002093
- D-5 2009 Harford County Outfall Source Tracking: OF002711
- D-6 2009 Harford County Outfall Source Tracking: OF000117
- D-7 2009 Harford County Outfall Source Tracking: OF000962

APPENDIX E

FACILITY INSPECTION FORM

APPENDIX F

LIST OF INSPECTED FACILITIES

2009 List of Inspected Facilities

Site Number	Facility Name	Address	Type of Operation	Photo Number
09001	Denny's	1803 Edgewood Rd, Edgewood, MD 21040	Restaurant	812
09002	Burger King	1808 Edgewood Rd, Edgewood, MD 21040	Restaurant	813, 814
09003	Emmorton Park Exxon	1804 Edgewood Rd, Edgewood, MD, 21040-1043	Fuel Station	815
09004	Dimitri's II (formerly Charley's Grilled Subs)	1709 Edgewood Rd, Edgewood, MD 21040	Restaurant	816
09005	Ed's Refrigeration and AC, Inc.	2111 Emmorton Park Rd, Edgewood, MD 21040	Refrigerators	817
09006	Cignatta	2111 Emmorton Park Rd, Edgewood, MD 21040	Auto Repair/Service	818
09007	GT Performance, Inc.	2113 Columbia Park Dr # 3, Edgewood, MD	Auto Repair/Service	820
09008	Stack and Store Mini Storage	2100 Emmorton Park Rd, Edgewood, MD, 21040-1000	Storage-Household & Commercial	821
09009	Llojenn	2107 Emmorton Park Rd # 106, Edgewood, MD 21040	Machine Shop	822
09010	Edgewood Liquors	2200 Philadelphia Rd, Edgewood, MD 21040	Grocery	824
09011	New Covenant Heating	2200 Philadelphia Rd, Edgewood, MD 21040	HVAC Contractor	823, 825
09012	Catholic Charities (formerly Fasteners & Refinish Solutions)	1301 Continental Dr, Abingdon, MD 21009	Office	826
09013	Apna Bazar, Inc.	2809 Pulaski Hwy, Edgewood, MD 21040	Grocery	829, 830
09014	Edgewood Texaco	1807 Edgewood Rd, Edgewood, MD, 21040-1044	Fuel Station	No photo
09015	Diana Foods, Inc.	1808 Edgewood Rd, Edgewood, MD 21040	Restaurant	No photo

2009 List of Inspected Facilities

Site Number	Facility Name	Address	Type of Operation	Photo Number
09016	Western Auto	2715 Pulaski Hwy, Edgewood, MD 21040	Auto Repair/Service	827
09017	Otter Point Automotive, L.L.C.	3212 Pulaski Hwy, Edgewood, MD 21040	Auto Repair/Service	831
09018	Comcast (formerly McNew Repair)	3302 Pulaski Hwy, Edgewood, MD 21040-1414	Cable Company	832
09019	Tartan (Sweet) Cleaners	1401 Pulaski Hwy # C, Edgewood, MD, 21040-1398	Dry Cleaner	833
09020	Charcoal Grill, Inc.	1401 Pulaski Hwy #B, Edgewood, MD 21040	Restaurant	834
09021	Mars Super Markets, Inc.	1401 Pulaski Hwy # N, Edgewood, MD 21040	Grocery	835, 836
09022	Giant Food	1901 Pulaski Hwy, Edgewood, MD 21040	Grocery	837
09023	Best Dry Cleaners	1819 Pulaski Hwy # B, Edgewood, MD, 21040-1609	Dry Cleaner	838, 839
09024	Firestone Tire & Auto Center	1919 Pulaski Hwy, Edgewood, MD 21040	Auto Repair/Service/Tires	840
09025	Giovanni's Restaurant	2101 Pulaski Hwy, Edgewood, MD 21040	Restaurant	842
09026	Edgewood Veterinary Hospital	2007 Pulaski Hwy, Edgewood, MD 21040	Veterinary Hospital	841
09027	Burger King	2200 Pulaski Hwy, Edgewood, MD 21040	Restaurant	843
09028	US Motors	2210 Pulaski Hwy, Edgewood, MD 21040	Car Dealer	844
09029	Sun Cleaners	1010 Edgewood Rd # 102, Edgewood, MD, 21040-1600	Dry Cleaner	
09030	Carpet and Flooring by Denny Lee	1003 Edgewood Rd, Edgewood, MD 21040	Carpets, Flooring, Tiling	
09031	Safeguard Self-Storage	1007 Edgewood Rd, Edgewood, MD	Storage-Household & Commercial	
09032	Texaco (formerly Edgewood Crown)	1855 Pulaski Hwy, Edgewood, MD 21040	Fuel Station	

2009 List of Inspected Facilities

Site Number	Facility Name	Address	Type of Operation	Photo Number
09033	Mercy International Foods	1018 Edgewood Rd, Edgewood, MD 21040	Grocery	845
09034	Pawsitively Purrfect Grooming	1014 Edgewood Rd, Edgewood, MD 21040	Animal Care-Grooming	847
09035	Car Depot	1016 Edgewood Rd, Edgewood, MD 21040	Car Dealer	846
09036	Waters Auto Services, L.L.C.	1009 Edgewood Rd # B, Edgewood, MD 21040	Auto Repair/Service	
09037	Abdoulie Jobe Used Cars	1434 Saint Michael Ct, Edgewood, MD 21040	Used Car Dealer	
09038	Devon Self Storage	1306 Pulaski Hwy, Edgewood, MD, 21040-1503	Storage-Household & Commercial	
09039	Day's Joppa Auto Care	1014 Pulaski Hwy, Joppa, Maryland 21085	Auto Repair Shop	
09040	Equipment Distributor	503 Pulaski Hwy, Joppa, Maryland 21085	Equipment Sales and Service	
09041	Tru Value Hardware	900 Pulaski Hwy, Joppa, Maryland 21085	Hardware Supplier	
09042	Business Park (Joel's Auto Repair, C&S Hydraulic Welding)	320 Pulaski Hwy, Joppa Maryland 21085	Various Businesses	
09043	National Budget Muffler	700 Pulaski Hwy, Joppa, Maryland 21085	Auto Repair Shop	
09044	United Rental	500 Pulaski Hwy, Joppa, Maryland 21085	Rental Equipment Supplier	
09045	D & C Distributors	611 Pier Dr, Edgewood, MD 21040	Grocery Wholesaler	No photo
09046	Joppatowne Lions Motors	3142 Ebbtide Dr, Edgewood, MD 21040	Car Dealer	No photo
09047	Lawn-A-Ranger	3474 Albantowne Way, Edgewood, MD 21040	Landscaping	No photo
09048	Edgewood Auto Service, Inc.	207 Edgewood Rd, Edgewood, MD 21040	Auto Repair/Service/state of MD inspections	2183, 2184

2009 List of Inspected Facilities

Site Number	Facility Name	Address	Type of Operation	Photo Number
09049	Edgewood Garage	2019 Nuttal Ave, Edgewood, MD 21040	Auto Repair/Service	2185
09050	S & H Cleaners and Alterations	2224 Hanson Rd, Edgewood, MD, 21040-2608	Dry Cleaner	2186
09051	Expert Landscape Management	2501 Philadelphia Rd # B, Edgewood, MD 21040	Landscaping	2187
09052	Kayfield Automotive Paint Corp.	1371 Brass Mill Rd # J, Belcamp, MD 21017	Automotive Paint Services	2189
09053	Tillman Tool Company, Inc.	1371 Brass Mill Rd # D, Belcamp, MD 21017	Tool and Die Makers	2188
09054	3-D Storage, L.L.C.	2702 Pulaski Hwy, Edgewood, MD	Storage-Household & Commercial	828

Note: Upon inspection it was determined that four facilities (Charley's Grilled Subs, Edgewood Crown, Fasteners and Refinish Solutions, and McNew Repair) had changed names since the original list was developed.

Illicit Discharges for Report Year 2009

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF000117			
	4/20/2010	Complete	flow tested phenols=.01,dissolved oxygen=9.7,pH=6.87@16.7C, this is groundwater not an illicit discharge, SWM pond was being serviced and repaired, Christy Joyce is doing follow-up , once repaired should operate properly
	4/6/2010	Follow-Up	flow tested, phenols =.05, dissolved oxygen=11.5, pH=6.63@21.5C, this is not an illicit discharge , source is groundwater will revisit, this is outfall to SWM needs maintance and trash removed
	11/17/2009	Follow-Up	flow tested by contractor, phenols=0.12,pH=7.73
	11/9/2009	Initial	flow tested by contractor, phenols=0.16,%sat=85.7, pH=7.67
<hr/>			
OF000372			
	10/11/2010	Complete	no flow per Harford County
	6/18/2010	Follow-Up	no flow per Harford County, Car Dealership
	11/9/2009	Follow-Up	no flow contractor
	11/6/2009	Initial	contractor tested for phenols, color,%saturation and pH
<hr/>			

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF000628			
	10/11/2010	Complete	flow tested for chlorine not detected. This facility has a NPDES permit for discharge MDG76624. This flow is not an illicit discharge it is from pool and ground water.
	9/28/2010	Follow-Up	met school official in the field to test backwash. Chlorine not detected.
	8/10/2010	Follow-Up	certified letter sent to schools for status update
	4/13/2010	Follow-Up	Certified letter received by schools
	4/6/2010	Follow-Up	flow tested phenols=0.0,color=ND,total chlorine=0.78,pool water is discharge through this outfall wiil send letter to school, this is an illicit discharge
	10/21/2009	Follow-Up	flow tested by contractor,turbidity=11,color=109,phenols=0.15,%sat=85.9
	10/20/2009	Initial	flow tested by contractor, turbidity=12,color=97,phenols=0.12,copper=0.06, %sat=89.9
OF000962			
	1/14/2010	Complete	flow , chlorine=.01,conductivity=.180@11.1C, pH=6.98@17.4C,color=ND, turbidity=ND parameters not above threshold. Perform source tracking not an illicit discharge drains from building roofs in industrial park are connected to outfall.
	12/8/2009	Follow-Up	flow ,outfall receives stormwater and groundwater from several business in the industrial park,cl=0.0,con=.150@15.3C,pH=6.16@18.5C,color and turbidity okay
	11/18/2009	Follow-Up	manhole east and inlet north were sampled, source is likely ground water or unknown concentration per contractor
	11/17/2009	Initial	flow tested chlorine, conductivity,color and tubidity above threshold

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF001365			
	10/11/2010	Complete	no flow per Harford County
	6/18/2010	Follow-Up	no flow per Harford County, Harford Technical School behind SWM
	11/9/2009	Follow-Up	no flow per contractor
	11/5/2009	Initial	contractor tested for color, pH, %saturationand phenols

OF002050

	10/11/2010	Complete	no flow per Harford County
	6/18/2010	Follow-Up	no flow
	11/4/2009	Follow-Up	no flow per contractor
	10/30/2009	Initial	contractor tested for phenols, copper, turbidity and color

Outfall NumberDateStatusWater Quality**OF002093**

4/26/2010	Complete	Lab results show no chemical contamination, MDE concludes not an illicit discharge but a natural bacteriological reaction inside the pipe.
4/12/2010	Follow-Up	collected sample to be analyzed by contract lab for total petroleum hydrocarbons and VOC's for Health Dept and Mde
3/26/2010	Follow-Up	sent e-mail to Joe@ health dept about taking samples on behalf of MDE
1/26/2010	Follow-Up	this illicit discharge has been turned over to MDE for investigation and follow-up
1/25/2010	Follow-Up	property owner is Michael R. Kuzma, 1304 Business Center Way #201 Edgewood, Md 21040, 410.612.6490.
1/22/2010	Follow-Up	met in the field with representatives from MDE , discharge is considered to be illicit, MDE will continue the investigation
12/8/2009	Follow-Up	sent pictures to DNR for idetification
11/19/2009	Follow-Up	will take pictures and e-mail to DNR for identification.
11/18/2009	Follow-Up	flow, perform sources tracking opaque substance only where outfall enters stream, talk with business owner has been that way for 10 years, brought sample back to office for identification appears to be naturally occurring,pH=12.11@20.3c,dissolved oxygen=9.8,conductivity=1470@16.6, chlorine=.02,phenols=.04
11/6/2009	Follow-Up	flow tested by contractor,same conditons as yesterday
11/5/2009	Initial	flow tested by contractor, thick yellow deposits,opaque yellow water

OF002262

10/11/2010	Complete	no flow per Harford County
6/18/2010	Follow-Up	no flow per Harford County, new storm drain, insects bad
11/6/2009	Follow-Up	no flow per contractor
11/5/2009	Initial	contractor tested for phenols, copper. turbidity and color

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF002268			
	10/11/2010	Complete	no flow per Harford County
	6/18/2010	Follow-Up	no flow will revisit
	11/5/2009	Follow-Up	contractor tested phenols=0.14, color=0.52, very little flow
	11/4/2009	Initial	contractor tested chlorine=.05,phenols=0.22, color=0.49, very little flow
<hr/>			
OF002401			
	4/20/2010	Complete	flow tested phenols=0.14, dissolved oxygen =7.2 this is groundwater not an illicit discharge
	4/7/2010	Follow-Up	flow tested phenols=0.28, dissolved oxygen=6.6, this is not an illicit discharge, there are several grassy swales as well as bridge structures that cause standing water, the brown color sediment is due too iron oxidizing bacteria, numerous frogs, will revisit, no illicit discharge
	10/21/2009	Follow-Up	flow tested by contractor,color=63,phenols=0.34,copper=0.38,%sat=67.2
	10/20/2009	Initial	flow tested by contractor,turbidity=11,color=100,phenols=0.40,copper=0.44,%sat=75.2
OF002404			
	11/5/2009	Complete	this outfall is part of a SWM that needs maintenance,other outfalls were identified in 2008, recommended for maintenance not an illicit discharge
	10/22/2009	Follow-Up	no flow, 7 inches of brown silty water
	10/21/2009	Initial	flow , tested by contractor, very silty water

Outfall Number**Date****Status****Water Quality****OF002470**

10/11/2010	Complete	no flow per Harford County. This facility has a NPDES permit for discharge MDG766423.
8/4/2010	Follow-Up	construction complete of new Edgewood High Complex, no flow will revisit
10/30/2009	Follow-Up	active construction site of new Edgewood High School Complex will visit in 2010
10/22/2009	Initial	flow tested by contractor copper=.05, color=.40

OF002613

4/6/2010	Complete	this outfall is in a SWM facility that needs repair and maintance. Referred to Christy Joyce will do follow-up
10/22/2009	Follow-Up	flow tested by contractor,color=86,phenols=0.24,
10/21/2009	Initial	flow tested by contractor, turbidity=10,color=83,cl2=.06

OF002711

1/14/2010	Complete	no flow
11/18/2009	Follow-Up	no flow, leaves
11/9/2009	Follow-Up	flow trickle tested for chemicals by contractor, lots of leaves raked into stream
11/6/2009	Initial	flow trickle tested for chemicals by contractor

Illicit Discharges for Outfall Number OF000354

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF000354			
	10/21/2010	Complete	MDE will investigate . Receive call from Jared MDE inspector.
	10/19/2010	Follow-Up	Sent e-mail to Linda Gettier and Jared Taneka(MDE). Sent certified letter to Linda Gettier. If no response from Jared will call MDE for investigation . This facility should have a discharge permit.
	10/11/2010	Follow-Up	tested ice melt from Ice World chlorine finally detected. Spoke with April Panzer Office Manager and informed here of illicit discharge. Received e-mail from Linda Gettier Operations Manager
	6/7/2010	Follow-Up	total chlorine=.01, will revisit and send letter, Iceworld the business leaves ice on parking lot to melt , this flow is entering storm drain.
	11/10/2009	Follow-Up	flow chlorine=.01, phenols=.07 both do not exceed threshold, source tracking to storm drain at Ice World, area deeply vegetated need to revisit
	9/23/2009	Follow-Up	unable to locate will revisit
	8/12/2009	Follow-Up	flow tested phenols and color above threshold per contractor
	1/26/2009	Initial	flow tested pH above threshold per contractor

IMPORTANT INFORMATION

OPTIONS TO PAY:

Mail:

Pay this bill using the envelope that is provided. This will ensure prompt and accurate processing of your payment. The lower portion of this bill must be returned with your payment. Please write your account number on your check that is made payable to Harford County. If you are using an online payment service, please allow an additional ten days for processing. Online payments should be sent to Harford County Maryland, P.O. Box 609, Bel Air, MD 21014-0609.

In Person:

The office is located at 220 South Main Street, Bel Air, Maryland. Office hours are Monday through Friday, except holidays, 8:00 AM to 5:00 PM. There is a drop box located at 220 South Main St, Bel Air, Maryland. It is located on the Bond Street side of the building and is always open. Please note: payments made in the drop box may take up to three days for processing.

Credit Cards or Electronic Checks:

If you would like to make a payment using the Official Payments Corporation for a water and sewer bill, please log on to www.harfordcountymd.gov or dial 1-800-272-9829. In order to process a payment, you will need to have your account number and the jurisdiction code is 3016. Visa, Mastercard, American Express, Discover Card and electronic checks will be accepted. Official Payments Corporation charges a convenience fee for using this service. For your records, please make a note of your payment confirmation number.

Please allow time for processing. Late or dishonored payments may be subject to additional fees, termination of service and/or tax sale. These charges are a lien against the property.

It is the responsibility of the owner to request a duplicate bill if the original bill is not received.

Notification of an address change is required.

Meter tampering is not permitted and subject to a \$300.00 fine.

Please send letters and address changes in a separate envelope to Harford County Government, Water and Sewer Billing, P.O. Box 609, Bel Air, MD 21014-0609

TELEPHONE NUMBERS AND OFFICE HOURS

Billing Office: Bill inquiries, address changes and payment arrangements
410-638-3311 Monday through Friday 7 AM to 5 PM

Meter Maintenance Office: Sewer backups, water leaks and meter questions
410-612-1612 Monday through Friday 7 AM to 3 PM

Call 410-638-3400 to report pollutants (chemicals and petroleum products) in storm drains

PLEASE FOLD, TEAR HERE AND RETURN THIS PART WITH YOUR PAYMENT

**MAKE CHECK OR MONEY ORDER
PAYABLE TO HARFORD COUNTY**

Report
Stormwater Pollution
410.638.3400



Illicit Discharge Phone Log for 2009

Date 6/25/2009
Complaint oil and grease spill from pit
Notes Contacted by Health Dept of this spill which occurred some time ago. They have given them 36 hours to cleanup. Took pictures will drain into a stream that flows into a culvert. Health Dept. will send report. Will revisit.

Misc

Date 7/15/2009
Complaint follow-up to 6/25/2009
Notes removed contaminated soil and have absorbent in place

Misc

Date 8/5/2009
Complaint grass clippings /dog feces
Notes neighbor complaining about resident disposing of grass clipping and dog feces into storm drain

Misc never called back with info

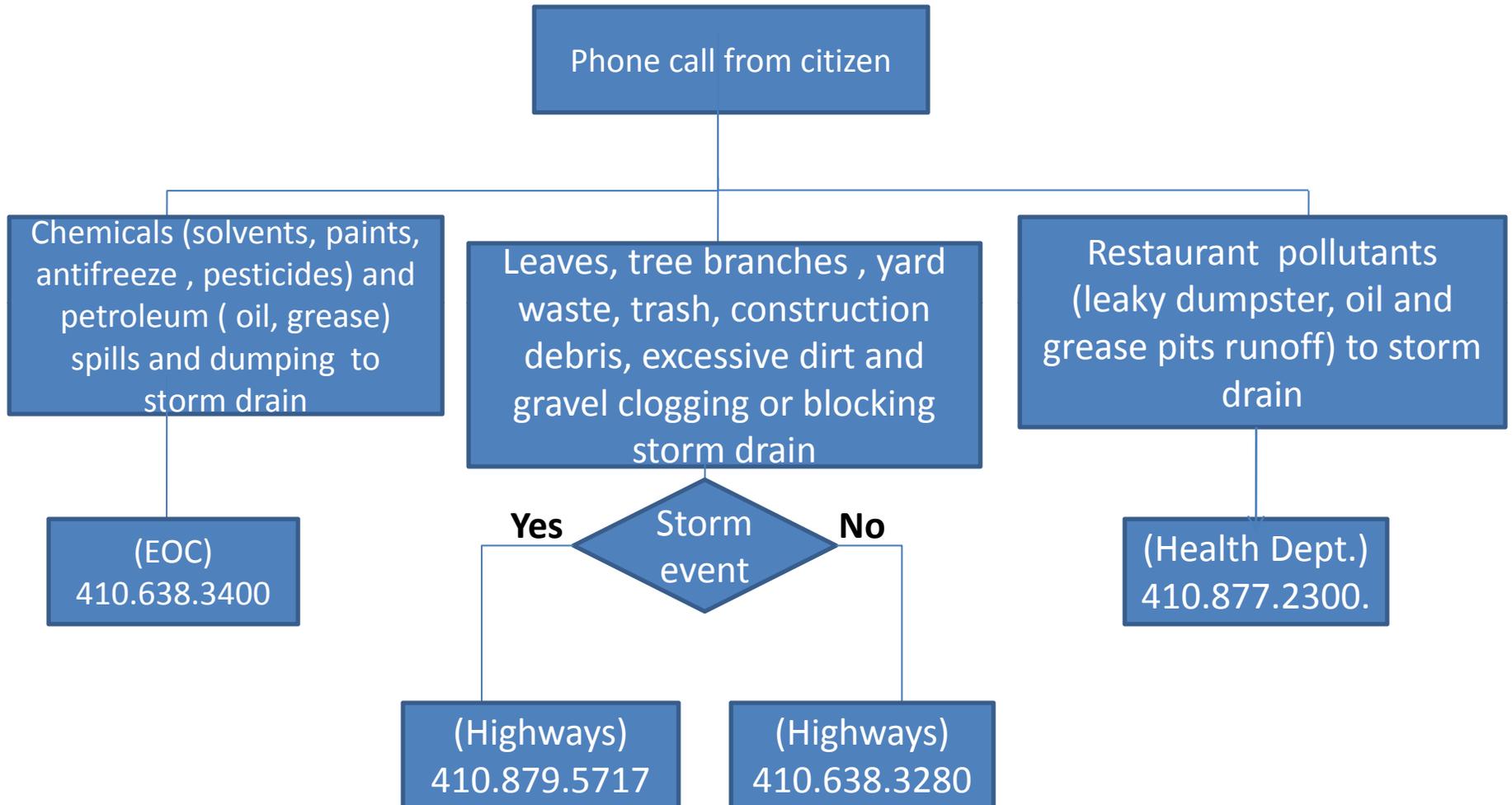
Date 9/21/2009
Complaint cleaning waste discarded in storm drain
Notes tile cleaning company waste discarded in storm drain

Misc called and left message on voice machine, spoke with owner about using wet vac to clean up debris

Date 9/30/2009
Complaint sump pump discharge
Notes discharge had bad odor sent sample to lab for analysis

Misc fecal present due to pet waste, spoke with neighbor about removing pet waste not leaving it on ground.

Storm Water Pollutants Phone Call List



Revised 10-12-2010

LOCAL EMERGENCY PLANNING COMMITTEE
Monthly Meeting -- June 17, 2009
3:00 p.m. -- Harford County Emergency Operations Center

Minutes from the last meeting are as follows.

Call to Order by Chair Richard Schwanke at 3:01 p.m.

The minutes for the May 2009 meeting were approved.

Report of Incidents – Ernie Crist, Manager of Emergency Services, Co-Chair Harford County LEPC. (See Enclosure A)

HAZMAT Update: Clarence Ross, Assistant Chief Harford County Hazmat, Pulic Safety Manager.

Training Schedule - Command School will be held during the week of July 20th, 2009 at Level Volunteer Fire Company. Classes will start at 08:30 a.m. and conclude around 4:00 p.m. Each day of the week is targeted to a different specialty but personnel are invited to attend on any day. Registration is required and you should contact 410-638-4900 to register or for more information. A light breakfast and a full lunch will be provided to the participants each day.

Member of the Hazmat team recently attended the International Association of Fire Chiefs, Hazmat Conference in Hunt Valley, MD. During the conference Larry Mabe was awarded the Level A Award one of the highest honors awarded to leaders in the Hazmat Response Community.

Review is on going on the Hazmat Law Fine Matrix. This matrix is used to determine actions for a Notice of Violation after a violation of the law has been committed.

SARA Title III – Mary Moses, SARA Title III Supervisor

Currently at 155 out of 173 or 89.5% compliance. Site inspections are in progress and new facilities are being identified.

Emergency Management Update – Ernie Crist, Manager of Emergency Services

Ernie briefed the LEPC on the current status of the H1N1 virus and the Level 6 Pandemic Classification by the World Health Organization.

Hurricane season will be starting on June 1, 2009 and they are calling for an active season. Please review your plans to assure you are prepared if a storm impacts Harford County.

Hearing- Homestead Publishing

The Chair briefed the LEPC on the hearing procedures.

Assistant Chief Clarence Ross - On February 24, 2009 at 0735 hours the Harford County Hazmat Team Duty Crew Chief, Clarence Ross responded to the Corbin Fuel Co at 33 Ellendale in Bel Air. The call was for a Diesel Fuel spill at the pumps located at the facility. A White Box Truck had utilized the pumps and had spilled several gallons of Diesel Fuel and left the scene.

The driver had not reported the spill as required. Assistant Chief Ross contacted Rick Ensor, Vice President of Corbin Fuel Company who provided information that 30 gallons of fuel had been spilled, with 3 gallons entering the storm drain. A security camera had captured the event that occurred at about 1245 hours. The tape showed the events that lead to the spill when the driver failed to monitor the filling operation. Using computer records of the purchase the responsible party was found to be an agent of Homestead Publishing Co. 10 Hayes Street, Bel Air MD 21014.

A Notice of Violation was issued to Homestead Publishing for causing a release of a hazardous substance into the environment and failing to report the release as required. Mr. John Worthington IV, Publisher assumed responsibility for the incident and accepted the Notice of Violation.

Assistant Chief Ross obtained a copy of the security footage for the record and showed the footage to the LEPC.

Homestead Publishing has paid all cost and fines occurring from the incident. Mr. Worthington thanked Clarence and Mr. Ensor for their cooperation and work after the incident. The Driver has been disciplined and his wages garnished for the costs of the incident. The LEPC discussed the pump facility and proper materials for clean up.

A motion was made by Mary Moses to accept all actions by Homestead Publishing. The motion was approved by the LEPC.

Old Business

The 2008 Right to Know Grant has been depleted and the final report will be filed before August 1st. In the 2009 Right to Know Grant we have a balance of \$4,500.00. The Bullex Digital Fire Extinguisher training aid is on order.

Reminder about Command School, Wednesday July 22, 2009 is LEPC day and the plan review will take place over lunch at the break by the committee.

New Business

Clarence briefed the LEPC on the new grant funded replacement Hazmat response unit that is currently on order.

Pat Williams, MDE

Training will be conducted on the Tier Two Manager Software Program at MDE during the month of July. Each County will be offered 3 slots for the training. (Note: Clarence Ross and Mary Moses attended the training on July 14th)

Pat briefed the LEPC on the TRI reporting requirements and the new data publishing deadlines which will publicize the information in July.

The Maryland Department of the Environment will be reorganizing and the titles of some divisions will be changing. Waste Management will now be part of Land Management. This process is still in planning so other changes may develop.

The LEPC discussed some recent enforcement actions at Maryland facilities.

EPA Conference- Mary Moses attended the Host Committee and Agenda Committee Meeting at Cecil County EOC on June 4th, 2009. The conference will be held November 15th through the 18th in Baltimore. The activities will be split between the Hyatt Regency and the Sheraton Inner Harbor. Jeff Skiles is the Keynote Speaker, he was the Co-Pilot on US Airways Flight 1549 that ditched in the Hudson River. Regional Hazmat Teams will be hosting a train derailment exercise for participants. The next planning meeting will be on July 9th, 2009.

Items from the members:

Health Department Joe Deluzia - Discussed the current situation with H1N1.

The meeting was adjourned at 4:01 p.m. The next meeting of the Harford County Local Emergency Planning Committee will be on Wednesday, July 15th, 2009 at the Harford County Division of Emergency Operations in the Emergency Operations Center. The meeting will start at 3:00 pm.

This document is available in an alternate format upon requests. Contact, Mary Moses (410) 638-4904.

LOCAL EMERGENCY PLANNING COMMITTEE
Monthly Meeting -- January 21, 2009
3:00 p.m. -- Harford County Emergency Operations Center

Minutes from the last meeting are as follows.

Call to Order by Chair Richard Schwanke at 3:01 p.m.

Introductions

The minutes for the December 2008 meeting were approved.

Report of Incidents – Ernie Crist, Manager of Emergency Services, Co-Chair Harford County LEPC. (See Enclosure A)

SARA Title III – Mary Moses, SARA Supervisor

Letters have gone out to facilities to remind them that reports are due by March 2, 2009. This is a new reporting period and there was some discussion on the problems encountered with on-line reporting.

HAZMAT Update: Mike Brunicke, Workgroup Manager of Special Operations and Deputy Chief of the Harford County Hazmat Team.

Members of the Harford County Hazmat Team participated in the stand-by detail for the President Elect's Train trip through Harford County to Washington D.C.

January 29, 2009 the team will have Biological Response Training, this training is being provided to all agencies that have decision making abilities or responsibilities in powder incidents.

February 5, 2009 annual team meeting scheduled.

Emergency Management Update –Linda Ploener, Emergency Planner

The Harford County yearly calendar is available on line at <http://www.harfordpublicsafety.org/>
There was no mailing this year due to budget constraints.

Emergency Operations is hosting Damage Assessment Training for individuals who may be required to assist in this effort after an incident. The training is 4 hours long and will be conducted in morning and afternoon sessions on January 22nd and 23rd.

Storm Spotter Training is available on March 2, 2009 at the Emergency Operations Center. The class will begin at 6:00 pm and conclude around 9:00 pm. If anyone is interested please contact Linda Ploener at 410-638-4029.

The Debris Management Plan has been finalized and promulgated. This allows the county to

recover additional funding in the event of a disaster where the plan is activated.

Work is proceeding on the radiation plan and the Emergency Operations Center was activated for the President Elect's train trip through Harford County.

Hearings: Petro Fuel

Clarence Ross, Assistant Chief Harford County Hazardous Materials Team.

On November 12, 2008 at 1138 hours Crew Chief Ray Ryan responded to the Harford County Sheriffs Office, 45 South Main Street to meet with Harford County Safety Officer Erik Ketelsen. A spill of fuel oil had occurred earlier and clean up operations in progress by Miller Environmental Group. There was oil contamination 2/3's of the way across the building up to the second floor. Contamination also extended into the trees and brush. Crew Chief Ryan discussed the clean up plans with the contractors. On Wednesday November 26, 2008 Crew Chief Ryan and Hazmat Manager Clarence Ross met with Mr. Ron Nagle, Safety Officer of Petro Express. Mr. Nagle advised that the driver of truck #9 had set up for delivery. During the set up he violated company policy by opening the nozzle and then charged the pump. The sudden pressure caused the oil to spray across the building and onto the plants. The driver wiped up part of the spill and left the scene without reporting the spill. Notification was not attempted until 45 minutes after the incident after the driver left the scene. A Notice of Violation was issued to the driver and to Petro Express.

There was a question to clarify the sequence of events that occurred at the scene. Mr. Ross explained in more detail the events that lead up to the incident.

Mr. Ron Nagel, Safety Officer Petro Express.

Mr. Ross has reported my exact statement. The spill occurred at 6:30 am and it was dark, the driver was not aware of the full extent of the spill. A representative of the Sheriff's Office had walked outside and asked if there had been a spill. The driver acknowledged the spill and advised that he was wiping it up. The company was not notified by the driver who left to continue his delivery schedule. The spill was noticed after the sun came up and the Hazmat Team and Fire Department were called to the scene. Mr. Nagel responded and hired Miller Environmental to conduct clean up operations.

Mr. Crist asked about the training on proper procedures. Mr. Nagel advised that the driver had been trained. The driver had a good record and was reprimanded and retrained.

There were questions on the notification that notified the company, Mr. Nagel was notified by Harford County and not the driver.

The fine has not been paid and the report has not been files. Mr. Nagel advised that he had the report and he would check on the status of the check. (Note: The check was in the mailbox immediately following the meeting)

Billing has not been finalized and Mr. Nagel was advised that the bill was being sent.

The LEPC made a motion to accept the actions of the company, pending payment of the bill as complete. The motion was approved.

The driver was not required to appear but still owes the \$1,000.00 fine. There was some discussion on the billing procedures associated with the fine. There was a motion to accept the payment of the fine as an acceptable conclusion to these actions. Failure to pay the fine would result in additional legal actions. The motion was approved.

Old Business

Hazmat Law Review – Mike Brunicke briefed the LEPC on recent issues that the agricultural community had with the proposed changes. Mike explained the changes to the law that resulted from a meeting with the farming community representatives.

Mary Moses advised the LEPC that she would be doing a presentation to the farmers at the winter meeting on February 5th, 2009.

New Business-

Fuel Oil Public Education Program- Mary briefed the LEPC on the current program. Jarrettsville Petroleum (Former Southern States) are very excited to be participating. Petro Fuel will also be participating and Corbin Fuel has requested more pamphlets. Aero Energy will also be participating in the distribution of information.

2009 Right to Know Grant- We have not received our notice of award but it should be between \$8000 and \$10,000. One of the needs that the LEPC has right now is the ability to access on line reporting software with the laptop. Mary Moses asked the LEPC to approve the expenditure of \$850.00 for the hardware to provide that access. She explained that the lease would be contingent on the grant continuation, that if the grant was discontinued so would the lease. A motion was made to accept the expenditure and approved.

The CERT training scheduled for January at Father Martin's Ashley has been rescheduled for March.

Clarence Ross briefed the LEPC on past cases that have advanced to legal action through the Harford County Law Department.

On January 15, 2009 the Federal Energy Regulatory Commission approved the AES Sparrows Point Pipeline. There are a number of safety issues that must be addressed before the project can continue.

There was a question on the Zebra Mussel infestation that affects water intakes.

The meeting was adjourned at 4:03 p.m. The next meeting of the Harford County Local Emergency

Planning Committee will be on Wednesday, February 18, 2009 at the Harford County Division of Emergency Operations in the Emergency Operations Center. The meeting will start at 3:00 pm.

*** If any of the personnel on this mailing list would prefer to receive the minutes by email, please write Mary Moses at mkmoses@harfordpublicsafety.org. ***

This document is available in an alternate format upon requests. Contact, Mary Moses (410) 638-4904.

**HARFORD COUNTY
ILLICIT DISCHARGE
INSPECTION PROGRAM:
2010 SUMMARY REPORT**

Prepared for

Harford County
Department of Public Works
Division of Highways and Water Resources
212 South Bond Street, 3rd Floor
Bel Air, Maryland 21014

Prepared by

Versar, Inc.
9200 Rumsey Road, Suite 100
Columbia, MD 21045

July 8, 2011

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ACRONYMS

DO	Dissolved Oxygen
GIS	Geographic Information System
GPS	Global Positioning System
HSI	Hot Spot Investigation
IDP	Illicit Discharge Potential
MS4	Municipal Separate Storm Sewer System
MDE	Maryland Department of the Environment
N/A	Not Applicable
NAD	North American Datum
NPDES	National Pollutant Discharge Elimination System
SW	Stormwater

ABBREVIATIONS AND UNITS OF MEASURE

Cl	chlorine
cm	centimeter
Cu	copper
l	liter
mg	milligram
mS	milliSiemens
NTU	Nephelometric Turbidity Unit
O ₂	oxygen
unk	unknown

1.0 INTRODUCTION

On an annual basis, Harford County conducts inspections of Municipal Separate Storm Sewer System (MS4) outfalls and commercial/industrial facilities within its jurisdiction. Such inspections are a requirement of the County's National Pollutant Discharge Elimination System (NPDES) permit. They reflect the County's ongoing commitment to the identification and remedy of illicit discharges into the MS4 network and pollution sources from activities on commercial/industrial parcels.

Dry weather discharges are defined as any non-stormwater flow in the MS4 which may arise from one or more of the following causes (Brown et al. 2004):

- Inadvertent connection of sewage and septic flows;
- Washwater flows, such as residential gray water (laundry) discharges, water from commercial car washes, fleet washing, commercial laundries, and floor washing to shop drains;
- Liquid wastes such as oil, paint, and process water that enter the storm drain system;
- Tap (potable) water;
- Landscape irrigation; and
- Groundwater or spring water.

Illicit discharges are those dry weather flows that contain pollutants or pathogens. Water quality testing is used to distinguish illicit discharges (sewage/septic, washwater, tap water, and wastes) from cleaner discharges such as groundwater.

During 2010, Harford County's consultant, Versar, Inc., investigated 115 outfalls in various locations during dry weather in order to detect illicit discharges from normal stormwater runoff or discharges from other natural sources, such as groundwater. Screening consisted of field visits to selected outfalls within the Municipal Separate Storm Sewer System, physical inspections, and chemical tests (if the outfall was discharging during dry weather) to determine whether a dry weather discharge was contributing to elevated indicator levels or unacceptable values for water quality parameters. The County performed follow-up inspections of any improper discharges or illicit connections identified through the screening program.

Commercial/industrial parcels are potential pollutant "hotspots" because they offer a high probability of illicit discharges to the MS4. This is a consequence of one or more of the following (Wright et al. 2005):

- Outdoor material storage (e.g., unprotected storage of pesticides, solvents, bulk materials, or hazardous materials);

- Vehicle operations (e.g., outdoor maintenance, uncovered fueling operations);
- Uncovered storage of trash or presence of leaking dumpsters;
- Condition of the physical plant (e.g., connection of downspouts, condition of building(s), condition of pavement); and
- Landscape management (e.g., turf management status, presence of non-target irrigation), and condition of stormwater infrastructure (e.g., presence of stormwater controls, litter in gutters).

During 2010, Versar field teams visited 50 commercial/industrial parcels to conduct visual surveys of storage, housekeeping, vehicle maintenance, physical plant maintenance, waste, and landscape management practices to determine whether a confirmed hotspot exists on the property. If an ongoing pollution problem was found, a follow-up investigation was made by the County to eliminate the pollution source. Additional measures that the County may take to raise awareness of stormwater pollution include public outreach and education.

This report documents the field results for Harford County's 2010 illicit discharge and commercial/industrial hotspot site inspection program. The following sections describe the site selection protocol, field inspection methods, and results of field inspection as well as pollutant source determination and County responses to confirmed pollution problems within the MS4 or resulting from activities on commercial/industrial sites. Complete results are provided in a Microsoft Access database that accompanies this report.

2.0 METHODS

2.1 ILLICIT DISCHARGE DETECTION

2.1.1 IDDE Site Selection

Harford County completed a desktop analysis of illicit discharge potential based on criteria described in Brown et al. (2004). Normalized illicit discharge potential (IDP) scores were determined for all georeferenced outfalls in the County. The IDP scores were divided into three categories, with a coefficient range of 1-3, as detailed below:

- 1) Low IDP Risk - 1.0 to 1.66
- 2) Medium IDP Risk- 1.67 to 2.33
- 3) High IDP Risk- 2.34 to 3.00

Note that at present, no outfalls within the County's jurisdiction fall within the high IDP risk category.

Harford County provided Versar with the following information to assist in outfall screening field efforts:

- Programmatic Outfall Tracking Spreadsheet containing 2,923 georeferenced and prioritized (by IDP score) outfalls;
- Stormwater infrastructure GIS layer;
- Road centerline GIS layer; and
- Hydrology GIS layer.

From the prioritized outfall data in the tracking spreadsheet, 111 outfalls were selected by Harford County's previous consultant (EA Engineering, Science, and Technology, Inc.) for field screening in 2010 to provide sufficient targeted outfalls to meet the targeted 100. The target outfalls satisfied the following criteria:

- Include 75% of the outfalls from the medium IDP risk class;
- Include 25% of the outfalls from the low IDP risk class;
- Include only outfalls coded in the GIS as system (SYS) or culvert with attached storm drain (C2) outfalls; exclude culverts (C1);
- Exclude outfalls that lie within the boundaries of the following incorporated municipalities: the Town of Bel Air, City of Havre de Grace, and City of Aberdeen;

- Exclude outfalls that are under the jurisdiction of the State Highway Administration (MS4);
These outfalls will be found on or connected to state or federal highways;
- Include 20% of previously inspected outfalls (15% from medium IDP risk class and 5% from low IDP risk class); and
- Prioritize sites from highest to lowest IDP score.

2.1.2 IDDE Field Screening Procedures

The outfall tracking spreadsheet was modified by Versar to include a “year screened” field and converted to a geodatabase in ArcGIS. In ArcGIS, target outfalls for 2010 were highlighted and field maps were printed to assist field staff in locating the target outfalls. The geodatabase and other GIS layers were also loaded into Trimble ProXT differential GPS unit so that field staff could a) locate the 2010 target outfalls, b) consult the screen year status of other outfalls encountered in the field to determine if they were eligible to be screened, and c) provide field staff with MS4 infrastructure to assist in tracking down flowing water.

Electronic field data were downloaded daily and periodically checked against the list of 2010 target outfalls in the outfall tracking spreadsheet.

Field screening was conducted from October 2010 to December 2010. All sites were visited after at least a 24-hour dry weather period (i.e., a period of less than 0.10 inches of precipitation that would otherwise mask improper discharges), as required in the Dry Weather Screening Plan (Versar 2010). Dry weather screening activities included:

- Locating the outfall using County GPS coordinates and recording the field GPS point of the outfall;
- Photographing the outfall;
- Inspecting the selected outfalls for physical evidence of dry weather flow;
- Performing water chemistry tests in the field if flow is present and performing cursory source tracking of suspected illicit discharge; and
- Re-inspecting and retesting all outfalls exhibiting flow the following day, if feasible.

Field teams chemically tested dry weather discharge from outfalls using Chemetrics colorimetric field test kits (phenols, copper, residual chlorine), a Chemetrics single analyte meter (detergents). In the case of the single analyte meter, the instrument was zeroed prior to each use according to manufacturer instructions. Color was determined using a Lamotte color kit. Water quality parameters such as dissolved oxygen, pH, and specific conductivity were measured using a YSI 600XL or an In-situ Troll multiparameter sonde. Staff calibrated the YSI daily prior to performing field investigations. The In-situ sonde, which features an optical dissolved oxygen

probe, was calibrated less often, but at intervals not longer than manufacturer specifications. Instrument instructions and calibration procedures are detailed in Versar (2010).

At the end of each field day, GPS geodatabase files that contain screening data that were entered in the field were uploaded to Versar's server. Field staff also uploaded digital photograph files from the field camera to Versar's server. Server electronic files were backed up daily according to Versar corporate policy.

During screening, if an outfall was encountered in the field that was not included in the list and had not been previously screened, the outfall was screened and counted toward the overall target of 100 outfalls.

2.2 DISCHARGE CLASSIFICATION

2.2.1 Outfall Inspections

Detectable concentrations of one or more analytes were used to classify an illicit discharge. For example, the presence of chlorine can indicate either tap water leaking from a broken supply pipe or sewage. Source tracking and subsequent analyses can be used to define the discharge. The presence of residual chlorine and copper, low turbidity, but no odor can be used to classify the discharge as tap water. The presence of detergent, copper, and residual chlorine can be used to classify the discharge as wash water. Discharges with no residual chlorine, low conductivity and turbidity can be used to classify the discharge as groundwater infiltration.

1. **High Potential** to contain an illicit discharge;
 - a. Samples that exceeded the thresholds for both residual chlorine & copper; or
 - b. Samples that exceeded the threshold for detergents
2. **Medium Potential** to contain an illicit discharge; Samples exceeding a single threshold for chlorine or copper.
3. **Low Potential** to contain an illicit discharge: Samples exceeding a threshold for a single parameter other than chlorine, copper, or detergents.

Results of screening tests were compared to the criteria presented in Table 2-1 to assist in identifying the possible source of a suspected improper discharge or illicit connection.

Table 2-1. Analytes, testing ranges, and action criteria for dry weather discharge screening in Harford County.

Analyte	Effluent Type Indicated	Action Criterion	Minimum Detection Limit	Instrument Range	Kit or Probe
residual chlorine (Cl)	industrial, drinking water, sewage,	> 0.05 mg/l ^b	0.05 mg/l	0 to 5 mg/l	color comparator
color	sewage , washwater	> 20 color units			color kit
copper (Cu)	industrial	> 0.05 mg/l ^b	0.05 mg/l	0 to 10 mg/l	color comparator
phenols	dry cleaning	> 0.05 mg/l ^b	0.05 mg/l	0 to 12 mg/l	color comparator
turbidity	industrial, sewage, washwater	≥ 1000 NTU ^a	0 NTU		sonde
surfactants (detergents)	sewage, washwater	> 0.25 mg/l (residential) ^a	0.15 mg/l	0.15 to 1 mg/l	Single analyte meter
dissolved oxygen (DO)	sewage				Sonde
water temperature	sewage	> 23.9 C ^c			sonde
pH	industrial, washwater	≤ 5 (industrial) ^a		0 to 14	sonde
conductivity	industrial	> 2 mS/cm ² (industrial) ^a			sonde

^a Brown *et al.* 2004
^b Exceedance criterion based on the test range of the field kit
^c Source: Baltimore County (2007)

The County also provided a cadastral GIS layer that was used by Versar to identify commercial and industrial land use parcels. Commercial and industrial land use parcels were highlighted and overlain on the County’s most recent orthophotography. Generally, orthophotos were examined for the presence of possible pollution hotspots within commercial/industrial parcels by identifying areas of:

- outside bulk material storage;
- presence of automobiles in storage or undergoing repair outdoors;
- stains on parking lots; and
- proximity to streams.

The proposed target parcels were forwarded to Harford County for approval. Once approved, field maps of sufficiently detailed scale were prepared of the target parcels to enable field teams to distinguish features on aerials and to sketch areas of interest directly on the maps.

Additionally, Harford County provided information on four non-random parcels of special concern for the Versar field team to investigate.

2.2.2 Commercial and Industrial Facility Field Inspections

Versar field teams conducted hotspot investigations (HSIs) at the target commercial / industrial parcels using methods set forth in Wright et al. (2005), and modified for Harford County. The HSIs were completed during December 2010. The field teams restricted their activities to evaluating parcels chosen from the desktop procedure outlined above, to what could be immediately viewable from the vantage of their vehicle (i.e., “windshield” surveys). For parcels containing fenced in equipment or vehicle storage areas, field teams drove through the nearby area and noted visible signs of any potential pollution problems. Field teams then parked nearby and completed HSI field data sheets.

HSIs were conducted using the HSI field data sheet as a guide (Appendix C). Limited photo-documentation of the parcels was undertaken; any obvious pollution problems were photographed and the County was notified within two business days. Only “severe” hotspots, as determined from field data sheets, were immediately reported to the County. Confirmed hotspots that had specific potential pollution sources located near streams or near storm system inlets were also reported to the County. Additionally, any waste oil tanks of 1,000 gallons and fuel oil tanks of 10,000 gallons are regulated by the Maryland Department of the Environment (MDE). They were reported if found. MDE has the right to require oil storage facilities of less than 10,000 gallons capacity to be diked if the facility is in a location likely to pollute the waters of the state.

Versar personnel completed HSI forms for each site, filling in circles to indicate potential sources of pollution at each site, and checking boxes to indicate observed pollution. The filled in circles and checked boxes were further tallied from the criteria observations on the HSI forms and sites were rated according to the following scale:

- Fewer than 5 circles and no boxes checked: *Not a hotspot.*
- 5 to 10 circles but no boxes checked: *Potential hotspot.*
- 10 to 15 circles and/or 1 box checked: *Confirmed hotspot.*
- Greater than 15 circles and/or 2 or more boxes checked: *Severe hotspot.*

3.0 RESULTS

3.1 OUTFALL INSPECTIONS

3.1.1 Summary of Screening Results

Field screening of Harford County MS4 outfalls was conducted October 13, 2010 to December 30, 2010. The results of IDDE dry weather screening activities are summarized in Table 3-1. Full screening data are contained in a Microsoft Access database that accompanies this report.

Table 3-1. Summary of Harford County dry weather IDDE screening activities, December 2010.							
Watershed / Subwatershed	Outfalls visited & screened	New Outfalls found	Outfalls Not Found	Wet Outfalls Retested	Tests (initial and retest) Equaling or Exceeding Thresholds	Outfalls with Medium Potential of Illicit Connection	Outfalls with High Potential of Illicit Connection
Atkisson Reservoir	12	0	17	5	1 (phenols & color) 2 (color) 2 (phenols)	1 (copper)	0
Bush River	7	0		1	1 (color)	0	1*
Bynum Run	44	3		11	1 (phenols & color) 1 (color) 12 (phenols)	2 (copper) 4 (residual chlorine)	1*
Gunpowder River	5	0		1	2 (color)	0	0
Little Gunpowder Falls	2	0		1	2 (color)	0	0
Lower Winters Run	28	1		10	6 (color) 5 (phenols) 1 (phenols & color) 1 (color)	3 (copper) 1 (residual chlorine)	1*
Total	98	4 of 98	17	29	37	11	3

*Tested in excess of 0.25 mg/l for detergents.

Of 115 sites investigated (including four new outfalls), 98 outfalls were found and screened. Of those 98 outfalls, 29 were found to be flowing and were therefore retested. Field staff also performed a cursory source tracking using GPS and maps of the storm drain infrastructure. Of 29 flowing sources tracked, no discrete sources were found that would indicate a problem and the sources of the discharge were assumed to be groundwater. The remaining 69 sites were found upon field inspection to be dry. A total of 17 locations provided were not found to be outfalls (Table 3-2); however, the examination of one mis-identified manhole in the GPS position corresponding to an outfall revealed an obvious illicit discharge in progress (see Section 3.1.2).

Outfall ID	Coordinates (NAD83 State Plane feet)		Comments
	Northing	Easting	
OF000236	639118.7	1506532	manhole downstream of Windsor Valley Apartments illicit connection (Section 3.1.2 of this report)
OF000392	658977.4	1507476	drains to outfall Unk 36
OF000636	653402.9	1524553	not found
OF000995	696346.1	1497357	probably extended to other storm sewer line
OF001190	688088.4	1491725	possibly completely buried
OF001571	682999.2	1503261	GPS point was in thick, thorny underbrush
OF001792	671044.9	1487328	dry yard drain
OF001797	669714.4	1488770	tied into additional, unmapped pipes
OF001824	660636.2	1482103	not found
OF001952	666080.0	1492484	not found
OF002181	658956.7	1507525	drains to outfall Unk 36
OF002201	655586.0	1505314	not found
OF002317	659151.1	1537857	actual infrastructure does not match infrastructure shown in GIS
OF002518	633836.6	1501545	not found
OF002522	632226.3	1499565	manhole
OF002564	692218.3	1489714	on top of house
OF002686	688657.9	1495093	position in a residential back yard

Ten outfalls of the twenty-nine were found to be of medium potential for illicit discharges because they exceeded concentration thresholds for copper or residual chlorine. Sixteen (16) outfalls of the twenty-nine were found to have low potential for illicit discharges due to phenols or color exceeding thresholds. Three outfalls were found to have a high potential for illicit discharge due to detergent results exceeding the threshold level on at least one test: unk 38, OF002073, OF000291. Outfall unk 38 was a sump pump discharging from a private residence. It exceeded the residual chlorine threshold as well as the detergents. Versar recommends that the three outfalls described above (including outfalls OF002073 and OF000291, whose flow origin could not be ascertained) be re-inspected and investigated for a possible illicit connection.

The chemical results for the sites with water quality results exceeding criteria on initial test or upon retest are given in Table 3-3 for Atkisson Reservoir watershed, in Table 3-4 for Bush River watershed, in Table 3-5 for Bynum Run watershed, in Table 3-6 for Gunpowder River watershed, in Table 3-7 for Little Gunpowder Falls watershed and Table 3-8 for Lower Winters Run watershed. With the exception of obvious illicit discharge discussed in Section 3.1.2, none of the information on the tested outfalls was forwarded to the County for immediate investigation.

Table 3-3. Initial and retest field screening results for suspected illicit connections in the Atkisson Reservoir watershed. Only values meeting or exceeding thresholds as detailed in Table 2-1 are shown here and in tables below.							
Date of Test	Test Description	Residual Chlorine (mg/l)	Copper (mg/l)	Detergents (mg/l)	Color (color units)	Dissolved O ₂ (mg/l)	Phenol (mg/l)
624 Ponderosa Drive (Outfall OF000097)							
11/02/2010	Initial			0.25	20		0.00
11/10/2010	Retest			0.19	35		0.10
Address N/A (Outfall OF001669)							
11/02/2010	Initial	0.05					0.10
11/10/2010	Retest	0.05					0.00
807 Fairwind Drive (Outfall OF001676)							
11/02/2010	Initial			0.22			0.05
11/10/2010	Retest			0.00			0.00
Edinburg Court (Outfall OF001831)							
• Excessive algal growth, oily sheen present both visits							
11/11/2010	Initial		0.15	0.24			0.05
11/15/2010	Retest		0.00	0.00			0.00
Address N/A (Outfall OF001990)							
11/02/2010	Initial			0.20	65		0.05
11/10/2010	Retest			0.19	10		0.10

Table 3-4. Initial and retest field screening results (mg/l) for suspected illicit connections in the Bush River watershed.							
Date of Test	Test Description	Residual Chlorine (mg/l)	Copper (mg/l)	Detergents (mg/l)	Color (color units)	Dissolved O ₂ (mg/l)	Phenol (mg/l)
Spesutia Road at Cranberry Road (Outfall OF002073)							
• excessive algal growth, suds and bubbles							
11/29/2010	Initial	0.05		0.00	10	5.96	0.05
12/06/2010	Retest	0.00		0.26	40	-0.54	0.00

Table 3-5. Initial and retest field screening results for suspected illicit connections in the Bynum Run watershed.							
Date of Test	Test Description	Residual Chlorine (mg/l)	Copper (mg/l)	Detergents (mg/l)	Color (color units)	Dissolved O ₂ (mg/l)	Phenol (mg/l)
205 Marshall Drive (Outfall OF000037)							
10/13/2010	Initial			0.00			0.10
10/18/2010	Retest			0.18			0.15
Address N/A (Outfall OF000060) • Suds and bubbles visible							
10/26/2010	Initial			0.21	20		
11/02/2010	Retest			0.22	35		
Address N/A (Outfall unk37) • Private sump pump discharge							
10/22/2010	Initial	0.10		0.24			0.10
10/26/2010	Retest	0.00		0.21			0.00
Address N/A (Outfall OF000088)							
10/22/2010	Initial	0.10		0.24			0.10
10/26/2010	Retest	0.00		0.00			0.00
Address N/A (Outfall unk38) • Private sump pump discharge							
10/22/2010	Initial	0.10		0.27	30		0.10
10/26/2010	Retest	0.00		0.27	25		0.00
951 E. McPhail Road (Outfall OF000090)							
10/26/2010	Initial			0.21			0.00
11/02/2010	Retest			0.22			0.15
Patterson Mill Road at Gillingham Drive (Outfall OF000307) • Excessive algal growth							
12/22/2010	Initial						0.05
12/30/2010	Retest						0.00
Address N/A (Outfall OF000386)							
10/26/2010	Initial	0.00		0.19			0.00
11/01/2010	Retest	0.05		0.00			0.10
2201 Melrose Lane (Outfall OF001138)							
10/13/2010	Initial	0.40					0.20
10/18/2010	Retest	0.40					0.20
Address N/A (Outfall OF001179) • Excessive algal growth							
10/22/2010	Initial	0.00	0.00				0.15
10/22/2010	Retest	0.05	0.10				0.05
Address N/A (Outfall OF002557)							
10/21/2010	Initial	0.00	0.00				0.15
10/22/2010	Retest	0.05	0.10				0.05

Results

Table 3-6. Initial and retest field screening results (mg/l) for suspected illicit connections in the Gunpowder River watershed.							
Date of Test	Test Description	Residual Chlorine (mg/l)	Copper (mg/l)	Detergents (mg/l)	Color (color units)	Dissolved O ₂ (mg/l)	Phenol (mg/l)
Pulaski Highway, between Oak Road and Pine Road (Outfall OF002355)							
• Excessive algal growth							
12/09/2010	Initial			0.19	40		0.05
12/10/2010	Retest			0.18	35		0.00

Table 3-7. Initial and retest field screening results (mg/l) for suspected illicit connections in the Little Gunpowder Falls watershed.							
Date of Test	Test Description	Residual Chlorine (mg/l)	Copper (mg/l)	Detergents (mg/l)	Color (color units)	Dissolved O ₂ (mg/l)	Phenol (mg/l)
Mariner Court (Outfall OF002615)							
12/09/2010	Initial			0.19	40		
12/10/2010	Retest			0.22	45		

Table 3-8. Initial and retest field screening results (mg/l) for suspected illicit connections in the Lower Winters Run watershed.							
Date of Test	Test Description	Residual Chlorine (mg/l)	Copper (mg/l)	Detergents (mg/l)	Color (color units)	Dissolved O ₂ (mg/l)	Phenol (mg/l)
Address N/A (Outfall OF000173)							
<ul style="list-style-type: none"> iron flocculant, oily sheen, some algal growth, whitish grey film and grey film like concrete slurry, which maybe leached from the end of the structure as it appears to be deteriorating 							
11/12/2010	Initial		0.15		100		0.15
11/15/2010	Retest		no flow		no flow		no flow
300 Crisfield Court (Outfall OF000175)							
<ul style="list-style-type: none"> oily sheen, orange scum 							
11/15/2010	Initial		0.40	0.24	30	7.80	0.10
11/19/2010	Retest		0.00	0.18	10	1.86	0.00
443 Crisfield Court (Outfall OF000179)							
10/19/2010	Initial	0.05	0.00	0.00			0.10
10/22/2010	Retest	0.025	0.20	0.18			0.10
Address N/A (Outfall OF000220)							
<ul style="list-style-type: none"> oily sheen 							
11/29/2010	Initial			0.21	20	4.18	
12/06/2010	Retest			0.18	30	3.12	
Clover Valley Way at Angel Valley Court (Outfall OF000223)							
<ul style="list-style-type: none"> suds/bubbles 							
12/06/2010	Initial			0.22	60		0.05
12/08/2010	Retest			0.20	55		0.00
Address N/A (Outfall OF000290)							
11/22/2010	Initial	0.00					0.05
11/23/2010	Retest	0.10					0.00
Tollgate Road at Constant Friendship Blvd – Wachovia Bank (Outfall OF000291)							
<ul style="list-style-type: none"> excessive algal growth, oily sheen 							
11/19/2010	Initial		0.05	0.32	50		0.05
11/22/2010	Retest		0.00	0.23	15		0.25
BJ's at Constant Friendship Blvd (Outfall OF000301)							
11/22/2010	Initial	0.03					0.03
11/23/2010	Retest	0.00					0.00
Address N/A (Outfall OF002172)							
11/11/2010	Initial		0.05	0.18			
11/12/2010	Retest		0.00	0.18			
950 North Angel Valley Court (Outfall OF002331)							
12/06/2010	Initial			0.20	55		
12/08/2010	Retest			0.20	35		

3.1.2 Outfalls Requiring Maintenance

A total of 27 outfalls (or areas surrounding or downstream) were identified as requiring maintenance. The maintenance issues requiring attention are listed in Table 3-9. Examples of maintenance needs included blockages, damaged pipes, separated pipe and outfall sections, and downstream erosion. Additional maintenance issues with storm drain infrastructure were noted while conducting screening of target outfalls nearby; these additional maintenance needs are listed in Table 3-10 and were transmitted to Harford County on December 14, 2010.

Table 3-9. Maintenance problems identified during outfall screening.	
Outfall ID	Maintenance Issue
OF000025	Corrugated Metal Pipe (CMP) dented
OF000038	some concrete deterioration
OF000121	CMP dented/crushed
OF000173	concrete at end is deteriorating and flared endpiece is separated from end of pipe leaving a gap between the two all the way around
OF000233	bad erosion around outfall
OF000307	concrete protection is breaking apart in big pieces
OF000386	cannot measure flow due to root mass
OF001133	excessive sediment deposited; outfall nearly buried by sediment and yard waste
OF001138	structure is OK, but severely blocked by roots and sediment
OF001234	large crack from tree on top
OF001665	lots of debris and yard trimmings
OF001666	severe erosion 150 ft downstream; 15 ft deep gorge lots of riprap for 50 ft below
OF001667	concrete deck has collapsed from erosion; there must be a leak in the pipe because there is a lot of erosion behind end wall
OF001669	flared end piece is rusted through
OF001676	end of pipe is tilted so water pools
OF001831	gap between at junction between end of pipe and flared end piece water pooling up under pipe
OF002167	covered with residential lawn debris, tree trimmings, grass clippings, etc.
OF002169	cracked on flared end
OF002170	top of pipe is chipped; heavily covered with debris and leaves; pipe at least 3 inches full of sediment; sediment and debris built up downstream including rootmat, blocking flow to stream; gully forming below outfall, entering stream with excessive erosion, likely overland flow not a result of this outfall
OF002174	rebar in flared end partially exposed
OF002200	buried/submerged outfall
OF002202	flared end piece is rusted
OF002203	pooled stagnant water sitting in pipe; 7 inches deep; ground squishy below; lower part of pipe is buried
OF002204	completely full of leaves
OF002227	partly crushed
OF002237	top is partly crushed
OF002378	concrete deck is broken up

Object ID	Description of Maintenance Issue
11995	Manhole cover was found unseated, probably as a result of hydraulic pressure from blocked pipe further down the network (the outfall for this network was not found in the field). Around the manhole was some erosion, possibly as a result of water flowing out of it. The field team replaced the cover.
13788	Approx. 10 square feet of earth subsided adjacent to yard drain. The subsidence appears to be about 2 feet at its deepest.
11245	The manhole cover had cracked and appeared to be weakened – may not support weight of person standing on it. Field team could not open the manhole.

3.1.3 Windsor Valley Apartments Illicit Discharge

On December 8, 2010, a Versar field team attempted to screen an outfall identified as OF000236 at the southern edge of Windsor Valley Apartments property (Figure 3-1). When the field team proceeded to the GPS point designated as the outfall, the field team instead found a sanitary manhole. The field team opened the manhole and noted flowing water and a sewage smell. The team tracked the flow down-conduit to the outlet point of the network, which was a stormwater management area north of Trimble Road. The team noted that the water in the stormwater management area was cloudy. They tested water near the outfall and found a detergent concentration of 0.93 mg/l.

On December 9, 2010, the team returned to the area and remotely sampled the water flowing in the manhole described above. The team found floatables and assumed from this evidence that a sanitary sewer had overflowed. After walking the network, they discovered an inlet (14023) on the south side of Candlewood Court near where a sanitary sewer manhole had apparently overflowed recently (evidence of floatables on the street leading to the inlet). The Versar team also spoke to a resident who said that the sanitary sewer manhole did in fact overflow the previous Wednesday and that they believed the County government was aware of the problem.

On December 10, 2010, County staff accompanied Versar staff to the site of the possible sanitary sewage illicit connection at the Windsor Valley Apartments property. While there, a sump pump discharged water to the parking area of Candlewood Court. Versar tested a sample of the water and found that the detergents concentration in the sample was 2.17 mg/l, which indicated that the discharge was washwater or perhaps connected to the evident sanitary sewer problem. County staff conferred with the management of the apartment community to communicate the urgency of rectifying the problem. County personnel informed them they must immediately address the problem and could not delay. County personnel also contacted the Harford County Health Department which is responsible for regulating private sanitary systems and for performing the follow-up investigation. The Windsor Valley Apartments is a private sanitary sewer system. It is not a part of the Harford County Sewer System. It is owned, operated and maintained by the property owner.



Figure 3-1. Windsor Valley Apartments illicit discharge. The point “sewagesump” refers to a sample taken from sump effluent discharged to the street on December 10, 2010.

3.2 COMMERCIAL AND INDUSTRIAL FACILITY INSPECTIONS

Facility inspections were conducted by Versar field teams from December 14, 2010 to December 30, 2010. Ten of the 50 facilities were found not to be hotspots. A total of 25 facilities were found to be “potential” hotspots. The remaining 15 businesses were graded as “confirmed” hotspots. This total contained a number of businesses that were originally graded as “potential” during onsite scoring, but were later moved to the “confirmed” category after data quality checking. Versar conferred with Harford County on February 23, 2011 about the recategorized hotspots and other “confirmed” cases that had not been reported to Harford County. After clarifying County requirements for reporting of “confirmed” cases, Versar forwarded a list of ten parcels with “confirmed” hotspots that had pollution sources that were near streams or storm drain inlets on March 10, 2011. A table of complete facility inspection results and pollution sources identified appears in Table 3-11.

Parcel ID	Address	Town	Business Name	Date Inspected	Hotspot Status	Category						Issues identified
						Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/ Landscaping	SW Infra-structure	
01001779	422-500 Pulaski Highway	Joppa	Possibly Joppa Salvage	12/14/2010	Confirmed	X	X	X	X	X	X	vehicles recycled onsite; uncovered fueling areas; scrap metal, liquids, piles of dirt, tires stored outside in open and without secondary containment; open dumpster; stains leading to storm drain
01006185	1907 Philadelphia Road	Joppa	Winters Run Inn	12/15/2010	Not			X	X			open dumpster
01006681	519 Pulaski Highway	Joppa	American Auto; Silver Spur store	12/14/2010	Confirmed	X	X	X	X			evidence of spills from vehicles; rusting metal storage container, heating oil tanks, lumber, vehicles, blue drums stored in open and without secondary containment; storage containers in poor condition;
01015796	626 Edgewood Road	Edgewood	Splash & Dash	12/16/2010	Not	X		X				vehicles washed outdoors, probably drainage goes to onsite treatment; dumpster near storm drain inlet
01015885	1950 Pulaski Highway	Edgewood	Wendy's	12/16/2010	Not			X				leaking dumpster near storm drain inlet
01017195	2000a Pulaski Highway	Edgewood	KFC	12/16/2010	Not			X	X			dumpster near storm drain inlet
01017799	725 Pulaski Highway	Joppa	Muscle Car Garage	12/16/2010	Potential		X	X	X			drum, wood, old carpet stored in open; open dumpster
01031945	625 Edgewood Road	Edgewood	Wings Things & More	12/16/2010	Potential		X	X				cooking grease barrels stored in open and without secondary containment (lids secure); open dumpster; staining in back parking lot
01042467	1901 Tree Top Drive	Edgewood	Venetian Place	12/16/2010	Potential	X	X		X			wood, waste kitchen grease stored in open and without secondary containment
01044400	1108 S Mountain Road	Joppa	Bel Air Underground; Bud's Carwash	12/14/2010	Confirmed ¹							open dumpster near storm inlet; vehicles repaired outside; uncovered fueling areas; unlabeled drums, fuel tanks, bags of deicer stored in open and without secondary containment
01044605	410 Pulaski Highway	Joppa	Chuck's Body and Fender	12/14/2010	Potential	X	X	X	X			evidence of historical spills; car parts, boxes, pipes stored in open
01050842	300 Edgewood Road	Edgewood	Sun and Moon Café	12/16/2010	Potential		X	X	X			kitchen grease stored outside and without secondary containment
01052004	1300 Pulaski Highway	Edgewood	Brother's Garage	12/14/2010	Potential	X	X		X			uncovered fueling areas present (possibly not in service); fuel tanks, heavy equipment, car parts stored in open; fuel tanks do not have secondary containment;

Table 3-11. (Continued)												
Parcel ID	Address	Town	Business Name	Date Inspected	Hotspot Status	Category						Issues identified
						Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/ Landscaping	SW Infra-structure	
01052667	2103 Pulaski Highway	Edgewood	Arc Machinery Movers; Enterprise Rentacar	12/15/2010	Potential	X	X	X				uncovered outdoor fueling area; misc. auto and building supplies stored in open, open dumpster; car washing effluent possibly going to storm drain
01054104	621-29 Pulaski Highway	Joppa	Dan's Auto; Joppa Health; Harford Computer; The sign Shoppe	12/14/2010	Potential	X	X	X	X			tires, drums, car parts, mattress stored in open and without secondary containment; hazardous materials shed; dumpster located near storm drain inlet;
01060260	1706 Pulaski Highway	Edgewood	Crazy Ray's Auto Parts	12/16/2010	Confirmed ¹	X	X	X	X			defueling operations 40' away from stream; evidence of spills and leaks; tires, car parts, fluids stored in open; poor housekeeping on site
01063286	1108 Joppa Road	Joppa	unknown auto repair	12/22/2010	Confirmed ¹	X	X	X	X			open dumpster adjacent to stream; outdoor storage adjacent to stream; evidence of spills from vehicles; car parts, pallets, heating oil stored in open and without secondary containment; abandoned structure at back of property; vehicles stored at edge of stream; no stream buffer
01063456	1115 Mountain Road	Joppa	Ray's Body Works	12/14/2010	Potential	X	X	X		X		car parts, construction material stored in open; open dumpster
01064525	1009 Philadelphia Road	Joppa	Best Friends Fur Ever	12/16/2010	Not	X		X				evidence of spills from vehicles; open dumpster near storm inlet
01072412	2710 Pulaski Highway	Edgewood	Imark	12/15/2010	Confirmed	X	X	X				uncovered fueling areas on property; plow blades and trailers stored in open; open dumpster; obvious stain near fuel oil tank; stream piped under parking lot with no stormwater control
01073451	2700 Pulaski Highway	Edgewood	Chase Manor Motel	12/15/2010	Not			X	X			trash pile on abandoned property
01075764	3919 Pulaski Highway	Edgewood	Prestige Auto Sales & Service	12/22/2010	Confirmed ¹	X	X	X	X			open dumpster near inlet/wetland; outdoor storage area (tires, disc brake rotors) adjacent to wetland; heating oil tank without secondary containment; trash around property
01079417	708 Pulaski Highway	Joppa	B H Motors	12/16/2010	Potential	X	X	X	X			evidence of spills; tires, 10-12 drums stored outside in open; dumpster located near storm drain inlet
01079875	921 Pulaski Highway	Joppa	Castle Auto	12/14/2010	Potential	X	X	X	X			vehicles washed outdoors and without diversion controls; fencing and shelving stored in open; open dumpster

Parcel ID	Address	Town	Business Name	Date Inspected	Hotspot Status	Category						Issues identified
						Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/ Landscaping	SW Infra-structure	
01079883	1299 Governor Court	Abingdon	Central Atlantic Contracting	12/15/2010	Potential	X	X	X				uncovered outdoor fueling area; construction supplies & equipment stored outside in open
01082302	2123 Nuttal Avenue	Edgewood	Cesar's Garage	12/16/2010	Potential	X	X	X	X			evidence of spills (staining) on ground; misc. car parts stored in open;
01089315	1309 Abingdon Road	Abingdon	General Appliance LLC	12/16/2010	Potential	X	X	X	X			abandoned vehicles on property; appliances, metal pieces, gravel piles, mechanical pieces stored in open;
01095900	3900 Pulaski Highway	Abingdon	Performance Lube and Tune	12/22/2010	Confirmed	X	X	X	X	X		evidence of spills/leakage from vehicles; rusted heating oil drums and car parts stored in open and without secondary containment; numerous liquid containers and junk on property; cars possibly encroaching on railroad property
01097199	4004 Pulaski Highway	Abingdon	Next Generation Mechanic	12/22/2010	Confirmed ¹	X	X	X	X	X		evidence of spills/leakage; storage area connected to stream; drum of liquid, car parts, tires stored in open; lack of buffer between parking lot and stream on east side of property
01097792	413 Pulaski Highway	Joppa	Advantage Office; J&M Systems; Performing arts	12/14/2010	Not	X		X		X		open dumpster
01099272	2906-2908 Pulaski Hwy	Edgewood	Chesapeake Steel Erectors	12/15/2010	Potential	X	X	X				uncovered outdoor fueling areas; metal beams, gravel, tar cans stored in open; open dumpster; stream adjacent to storage area
01175726	2801 Pulaski Highway	Edgewood	abandoned car repair lot	12/15/2010	Not				X			being renovated for animal shelter – no issues
01178504	1317 Abingdon Road	Abingdon	Abingdon Deli	12/16/2010	Potential	X	X	X	X			metal shelving, odds and ends, mattress, fluorescent sign stored in open
01178563	1307 Governor Court	Abingdon	Alban Tractor Co	12/15/2010	Potential	X	X	X	X			uncovered outdoor fueling areas; staining visible; misc. metal equipment stored in open; open dumpster;
01179012	1306 Governor Court	Abingdon	Innovative Plastics Solutions	12/15/2010	Potential	X	X	X	X			metal cylinders stored in open; dumpster near storm drain
01181920	2109 Emmorton Park Rd.	Edgewood	Locksmith; Auto Xtream; Mechanic; Commerce support; Hunt Manufacture	12/16/2010	Potential	X	X	X				wash water from garage area goes to storm drain; car fenders and scaffolding stored in open; open dumpsters located near inlet;
01195093	1306 Continental Drive	Abingdon	Tritronics	12/15/2010	Not			X		X		open dumpster

Parcel ID	Address	Town	Business Name	Date Inspected	Hotspot Status	Category						Issues identified
						Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/ Landscaping	SW Infra-structure	
01199013	1002 Pulaski Highway	Joppa	Bay RV	12/14/2010	Confirmed	X	X	X	X	X		evidence of spills/leakage; uncovered outdoor fueling areas; fencing and R/V parts stored outside; fuel stored outside without secondary containment; open dumpster
01222023	1300 Continental Drive	Abingdon	Thomas Summervall Co Supplies	12/15/2010	Potential	X	X	X				pipes stored in open; leaking dumpster
01226452	1300 Business Cntr Way	Edgewood	auto auction	12/16/2010	Potential	X	X	X				uncovered outdoor fueling areas; gas, tires, salt, car parts stored outside and without secondary containment; gasoline and car batteries in waste area
01230786	3709 Pulaski Highway	Abingdon	Abingdon Cleaners; Ambiance Beauty; Habichi Express	12/22/2010	Confirmed ¹		X	X	X	X		leaking dumpster placed near inlet; outdoor storage area directly connected to storm drain; cooking oil drum outside without secondary containment; staining in area
01253859	1102 Business Center Way	Edgewood	Thomas Jeep	12/14/2010	Potential	X	X	X	X			slight signs of spills; vehicles wash water goes to storm drain; drums, tires, car parts stored outside and without secondary containment; open dumpster near storm drain inlet;
01274414	1805 Fashion Court	Joppa	Proctor & Gamble	12/15/2010	Not	X	X	X				dumpster near storm drain inlet
01297767	1326 Woodbridge St Way	Edgewood	Popeyes; Papa Johns; Gotta Go wireless; Nails	12/22/2010	Potential		X	X	X			Leaking dumpster near storm drain inlet;
01039652	1002 Edgewood Road	Edgewood	Admiral Pools	12/22/2010	Confirmed ¹		X	X	X			open dumpster near drainage ditch; liquid and solid materials stored outside near drainage ditch and without secondary containment; trash around dumpster
01043927	1115 Clayton Road	Joppa	G. Goss Contracting	12/22/2010	Confirmed ¹	X	X	X	X	X		overflowing dumpster; construction materials, propane tank, pallets stored outside in open near BMP; uncovered outdoor fueling areas; stains leading to storm drains
01199021	1302 Continental Drive	Abingdon	Plumb Crazy	12/22/2010	Confirmed ¹	X	X	X	X	X		open dumpster and uncovered fueling area near stream; pipe, plumbing materials, dirt stored uncovered and without silt fencing
03194418	1608 Robin Circle	Forest Hill	Crystal Clean Environmental	12/22/2010	Confirmed ¹	X	X	X	X			open/overflowing dumpster near storm drain inlet; propane tanks and scaffolding stored uncovered

Table 3-11. (Continued)

Parcel ID	Address	Town	Business Name	Date Inspected	Hotspot Status	Category						Issues identified
						Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/ Landscaping	SW Infra-structure	
01149725	1201 Paul Lane	Joppa	Ronkin Construction Inc.	12/30/2010	Potential	X	X	X	X			heavy construction equipment/materials stored outside; vehicles repaired outside
03194396	1615-1613 Robin Circle	Forest Hill	JPS Marble and Granite, ACD Installers, Forest Hill Auto Parts, etc.	12/30/2010	Potential	X	X	X				granite slabs, propane tanks, scaffolding stored outside; rollaway dumpsters open
¹ = Near stream confirmed hotspot reported to Harford County X: Denotes category with at least one checked circle on HSI form. X: Denotes observed potential pollution source on HSI form.												

During facility inspections, a Versar field team discovered recent pollution on a parcel located at 2710 Pulaski Highway (Imark Builders) on December 15, 2010. The pollution source appeared to be a recent oil spill near a heating oil tank. Versar contacted Harford County to report the problem on December 16, 2010. An aerial map of the 2710 Pulaski Highway property is shown in Figure 3-2. Harford County personnel performed a site inspection on December 22, 2010. They were unable to contact the business owner. The MDE Oil Control Program was contacted by County personnel. They took over the follow-up investigation and clean-up of the site.



Figure 3-2. Pollution source found at 2710 Pulaski Highway (parcel 01072412).

4.0 CONCLUSIONS

During 2010, Harford County investigated 115 outfalls to comply with the Illicit Discharge Monitoring Program and meet NPDES permit requirements. Successful field screening of 98 outfalls during 2010 yielded three outfalls with a high potential for illicit connection based on the dry weather screening protocols. Source tracking identified a probable source for one of the three high-potential outfalls found. Seventeen outfalls were not found during field inspections. Inspections identified maintenance needs at 27 of the 98 outfalls. An obvious illicit discharge resulting from a sanitary sewer overflow was found in a private storm drain system that connected to a point in the County's MS4. This illicit discharge was discovered because the manhole was incorrectly identified in the County's GIS system as a stormdrain outfall.

Harford County conducted hotspot investigations of 50 commercial and industrial facilities in the Edgewood, Joppatowne, and Abingdon communities within the permit jurisdiction. One recent pollution site and ten confirmed hotspots located near streams or storm drains were identified.

5.0 REFERENCES

Baltimore County. 2007. National Pollutant Discharge Elimination System (NPDES) Annual Report. Section 5 - Illicit Connections Program. Baltimore County, Maryland.

Brown, E., D. Caraco, and R. Pitt. 2004. Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessments. Center for Watershed Protection, Ellicott City, MD. October.

Versar, Inc. 2010. Harford County Illicit Discharge Monitoring Program: Site Selection, Screening, and Quality Assurance Protocols. Prepared by Versar, Inc. for Harford County Department of Public Works, Division of Highways and Water Resources, Bel Air, MD. November.

Wright, T., C. Swann, K. Cappiella, and T. Schueler. 2005. Unified Subwatershed and Site Reconnaissance: A User's Manual, Version 2.0. Center for Watershed Protection, Ellicott City, MD. February.

APPENDIX A
OUTFALLS SCREENED DURING 2010

Outfall ID	Initial Inspection Date	Coordinates (NAD83 State Plane feet)		Outfall ID	Initial Inspection Date	Coordinates (NAD83 State Plane feet)	
		Northing	Easting			Northing	Easting
of000025	10/12/2010	695153.7	1485995.73	of001225	10/13/2010	692408.51	1493496.61
of000037	10/13/2010	690268.61	1491356.93	of001234	10/18/2010	691268.22	1493076.99
of000038	10/13/2010	691855.53	1491476.19	of001237	10/21/2010	689334.74	1496097.63
of000060	10/26/2010	683966.62	1506853.45	of001238	10/21/2010	688294.67	1496760.22
of000088	10/22/2010	681924.16	1506877.1	of001243	10/21/2010	689353.52	1498975.91
of000090	10/26/2010	680124.61	1503608.86	of001272	10/22/2010	687079.3	1493830.68
of000097	11/2/2010	673843.26	1493665.44	of001273	10/22/2010	686699.63	1494187.64
of000107	12/22/2010	672658.42	1504296.03	of001572	10/22/2010	683157.14	1503016.22
of000121	12/22/2010	670988.23	1502287.16	of001665	11/10/2010	673847.07	1492540.71
of000173	11/12/2010	656997.52	1506047.8	of001666	11/10/2010	672944.05	1492217.88
of000175	11/15/2010	656572.62	1504868.32	of001667	11/2/2010	673474.85	1493494.78
of000179	11/19/2010	654644.31	1503500.17	of001669	11/2/2010	673328.48	1493289.85
of000204	11/29/2010	658396.54	1536429.33	of001670	11/2/2010	673843.26	1493733.17
of000219	11/29/2010	643491.39	1502245.49	of001672	11/10/2010	675533.59	1493835.36
of000220	11/29/2010	643402.7	1502311.66	of001676	11/2/2010	672182.33	1494734.19
of000223	12/6/2010	642355.85	1502163.93	of001811	11/11/2010	666151.33	1483165.68
of000233	12/9/2010	636210.56	1494003.48	of001831	11/11/2010	663049.55	1486589.43
of000280	11/10/2010	674825.96	1492994.97	of001928	11/11/2010	668108.22	1493134.34
of000290	11/22/2010	653910.61	1504218.96	of001990	11/2/2010	671998.92	1494544.55
of000291	11/19/2010	655355.21	1505098.58	of002048	11/29/2010	660084.54	1523219.37
of000301	11/22/2010	651394.08	1504760.6	of002073	11/29/2010	660071.39	1537083.09
of000307	12/22/2010	673130.88	1505917.91	of002167	11/15/2010	656465.07	1504650.31
of000386	10/26/2010	679014.24	1503780.1	of002169	11/12/2010	656460.6	1505470.34
of000613	10/21/2010	687799.9	1498919.35	of002170	11/15/2010	656320.29	1505101.19
of000614	10/21/2010	688211.95	1499077.83	of002172	11/11/2010	658016.53	1505684.24
of000618	10/21/2010	687620.01	1498099.51	of002174	11/12/2010	656491.23	1505997.01
of000619	10/21/2010	688082.5	1498811.47	of002196	11/19/2010	655163.75	1504111.34
of000620	10/21/2010	688602.18	1498724.86	of002197	11/19/2010	654914.54	1504266.53
of000630	10/13/2010	691315.8	1491301.14	of002198	11/19/2010	654276.98	1504000.17
of000661	11/12/2010	657813.23	1506091.41	of002199	11/19/2010	654098.16	1503376.38
of000662	11/12/2010	658864.76	1506097.38	of002200	11/19/2010	655618.22	1505249.09
of001123	10/12/2010	695277.84	1486068.76	of002202	11/19/2010	655357.9	1505102.43
of001133	10/12/2010	694654.35	1487290.79	of002203	11/15/2010	654196.43	1507871.81
of001135	10/12/2010	694284.24	1487506.86	of002204	11/15/2010	654316.39	1507958.68
of001136	10/13/2010	693926.43	1491636.96	of002227	11/23/2010	650844.24	1507712.81
of001137	10/13/2010	694148.21	1491839.45	of002237	11/23/2010	650211.45	1509202.34
of001138	10/13/2010	694016.43	1491685.17	of002292	11/23/2010	650629.05	1511347.2
of001179	10/22/2010	688715.77	1489956.58	of002293	11/23/2010	650650.57	1511362.34
of001189	10/18/2010	688397.23	1490040.38	of002316	11/29/2010	659222.56	1537894.83
of001193	10/13/2010	690699.49	1491917.46	of002331	12/6/2010	642961.65	1502078.92
of001217	10/18/2010	689084.92	1489862.61	of002335	12/9/2010	642787.16	1496038.13

Table A-1. (Continued)

Outfall ID	Initial Inspection Date	Coordinates (NAD83 State Plane feet)		Outfall ID	Initial Inspection Date	Coordinates (NAD83 State Plane feet)	
		Northing	Easting			Northing	Easting
of002375	12/8/2010	636128.19	1493997.97	of002635	10/12/2010	694864	1487307.9
of002378	12/8/2010	636335.68	1501170.19	of002636	10/12/2010	694797.68	1487703.68
of002517	12/8/2010	633534.03	1500256.66	of002763	10/12/2010	695495.11	1488373.29
of002557	10/21/2010	689517.41	1495626.5	of002838	10/13/2010	693366.06	1494885.39
of002590	10/12/2010	692674.51	1489307.03	unk 35	11/23/2010	650196.71	1509184.35
of002594	10/12/2010	693762.24	1489588.44	unk 36	12/30/2010	658420.5	1507505.03
of002595	10/18/2010	695319.17	1498355.15	unk 37	10/22/2010	681920.06	1506894.2
of002615	12/9/2010	640160.19	1492102.21	unk 38	10/22/2010	681911.14	1506908.76

**APPENDIX B
DATA SHEETS
FOR DRY WEATHER SCREENING**

ILLICIT DISCHARGE INSPECTION FORM
 HARFORD COUNTY, MARYLAND
 (PAGE 1 OF 2)

Outfall ID:		Watershed Name:	
Initial Assessment			
Date:		Time:	
Inspectors:		Date of Last Rain:	
Air Temperature (°C):		Rainfall Amount (in.):	
Is flow observed?	Yes No	<i>(if present, complete page 2 and a follow-up assessment)</i>	
Outfall Description			
Type:		Height:	
Shape:		Width:	
Material:		Additional components <i>(circle applicable)</i> :	end wall wing walls flared end concrete deck pipes manhole
Outfall Location			
GPS northing:		General land use <i>(circle one)</i> :	Rural Residential Urban
GPS easting:			11 - Low Density 12 - Medium Density
GPS unit:		Maryland Dept. of Planning land use designation <i>(circle one)</i> :	13 - High Density 14 - Commercial
			15 - Industrial 16 - Institutional
Photo ID's:			18 - Urban Open Space
		Nearby address / intersection / utility pole:	
Structural Conditions <i>(circle one)</i>			
	None	Moderate	Severe
Recommend referral for repair:	Yes	No	
Other comments:			
Other Outfall Conditions <i>(circle one)</i>			
	None	Moderate	Severe
Erosion at outfall:			
Outfall submergence (in):			
Other comments:			
Vegetative Condition Below Outfall <i>(circle one)</i>			
	Normal growth (natural environment)	Excessive growth	Inhibited growth
Other comments:			
Deposits / Stains / Algal Growth <i>(circle applicable)</i>			
	None	Oily	Excessive algal growth
	Sediment	Other (describe below)	Excessive bacterial growth
Other comments:			
Field Notes / Visual Observances			

ILLCIT DISCHARGE INSPECTION FORM
 HARFORD COUNTY, MARYLAND
 (PAGE 2 OF 2)

Outfall ID:		Watershed Name:	
Initial Assessment		Follow-up Assessment (typically within 24 hours)	
<i>(Same as information from Page 1 of 2)</i>		<i>(Do not complete if no flow is observed)</i>	
Date:		Date:	
Time:		Time:	
Inspectors:		Inspectors:	
Date of Last Rain:		Date of Last Rain:	
Rainfall Amount (in.):		Rainfall Amount (in.):	
Air Temperature (°C):		Air Temperature (°C):	
Dry-Weather Flow Information			
Estimated Flow rate: Trickle Moderate Substantial			
Measurable Flow rate (cfs or liters/min): <i>(Q = area X velocity in ft per second)</i>		Measurable Flow rate (cfs): <i>(Q = area X velocity in ft per second)</i>	
Flow depth (inches):		Flow depth (inches):	
Water Quality - Visual and Smell Indicators			
Water color:	clear brown gray green yellow red	Water color:	clear brown gray green yellow red
Other:		Other:	
Clarity / turbidity:	clear cloudy opaque	Clarity / turbidity:	clear cloudy opaque
Other:		Other:	
Floatables:	none oil sheen trash toilet paper fecal matter	Floatables:	none oil sheen trash toilet paper fecal matter
Other debris:		Other debris:	
Detergents / surfactants:	none suds/bubbles	Detergents / surfactants:	none suds/bubbles
Color:		Color:	
Odor:	none sewage chlorine oil/gas rancid-sour sulfur/rotten eggs	Odor:	none sewage chlorine oil/gas rancid-sour sulfur/rotten eggs
Other:		Other:	
Field Measurements			
Parameter (Units / Detection Limit)	Measured Value:	Parameter (Units / Detection Limit)	Measured Value:
<i>(Lamotte meter)</i>		<i>(Lamotte meter)</i>	
Turbidity (0-400 FTU / 0):		Turbidity (0-400 FTU / 0):	
Color (0-1000 color units / 0):		Color (0-1000 color units / 0):	
Phenols (0.00-6.00 ppm / 0):		Phenols (0.00-6.00 ppm / 0):	
Copper (0-6.00 ppm / 0):		Copper (0-6.00 ppm / 0):	
Detergents/surfactants (0.5-8.0 ppm / 0.5):		Detergents/surfactants (0.5-8.0 ppm / 0.5):	
Residual chlorine (0.00-4.00 ppm / 0):		Residual chlorine (0.00-4.00 ppm / 0):	
<i>(Oakton meter)</i>		<i>(Oakton meter)</i>	
DO (0.01-15.0 mg/L / 0.01):		DO (0.01-15.0 mg/L / 0.01):	
Temperature, H ₂ O (0-50° Celsius / 0.1):		Temperature, H ₂ O (0-50° Celsius / 0.1):	
pH (0.01-15.00 pH units / 0.01):		pH (0.01-15.00 pH units / 0.01):	
<i>(YSI meter)</i>		<i>(YSI meter)</i>	
Conductivity (uS/cm/10 ⁶):		Conductivity (uS/cm/10 ⁶):	
Additional Field Notes / Visual Observances			

HARFORD COUNTY, MD – DRY WEATHER DISCHARGE TRACK DOWN

Subwatershed:	Outfall ID:
Date (MM/DD/YY): ___/___/20__	Track Down Method: <input type="checkbox"/> Move up trunk <input type="checkbox"/> Split trunk
Investigators:	<i>New Branch Series, Starting with Junction:</i>
ADC Map Page/Grid: ___/___	Structure ID:
	Structure Type: __ __

Structure ID	Structure Type <small>M - Manhole CI - Curb Inlet YD- Yard Drain Other: _____</small>	Time Visited	Flow (Y/N)	Analyte:		Comments <small>(If junction, fill out new sheet for each branch of network)</small>
				Concentration <small>(Units: _____)</small>	Concentration <small>(Units: _____)</small>	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						

Stormdrain Network: Plan View Diagram (for Split Trunk or New Branch Series)



Suspected Outfall Source:	<input type="checkbox"/> Trace Lost <input type="checkbox"/> Unknown Parcel ID Number: _____
Suspected Source Type:	<input type="checkbox"/> Tap Water <input type="checkbox"/> Sewage <input type="checkbox"/> Wash Water <input type="checkbox"/> Industrial <input type="checkbox"/> Unknown
Comment on Suspected Source:	

APPENDIX C
DATA SHEETS
FOR FACILITY INSPECTIONS

Hotspot Site Investigation



WATERSHED:		SUBWATERSHED:		UNIQUE SITE ID:	
DATE: ___/___/___		ASSESSED BY:		CAMERA ID:	
MAP GRID:		LAT ___° ___' ___" LONG ___° ___' ___"		PIK#:	
				LMK#	
A. SITE DATA AND BASIC CLASSIFICATION					
Name and Address: _____ _____		Category: <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Institutional <input type="checkbox"/> Municipal <input type="checkbox"/> Golf Course <input type="checkbox"/> Transport-Related <input type="checkbox"/> Marina <input type="checkbox"/> Animal Facility			
SIC code (if available): _____		Basic Description of Operation: _____			
NPDES Status: <input type="checkbox"/> Regulated <input type="checkbox"/> Unregulated <input type="checkbox"/> Unknown				INDEX*	
B. VEHICLE OPERATIONS <input type="checkbox"/> N/A (Skip to part C)				Observed Pollution Source? <input type="checkbox"/>	
B1. Types of vehicles: <input type="checkbox"/> Fleet vehicles <input type="checkbox"/> School buses <input type="checkbox"/> Other: _____					
B2. Approximate number of vehicles: _____					
B3. Vehicle activities (circle all that apply): Maintained <input type="checkbox"/> Repaired <input type="checkbox"/> Recycled <input type="checkbox"/> Fueled <input type="checkbox"/> Washed <input type="checkbox"/> Stored <input type="checkbox"/>					
B4. Are vehicles stored and/or repaired outside? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell Are these vehicles lacking runoff diversion methods? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
B5. Is there evidence of spills/leakage from vehicles? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
B6. Are uncovered outdoor fueling areas present? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
B7. Are fueling areas directly connected to storm drains? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
B8. Are vehicles washed outdoors? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell Does the area where vehicles are washed discharge to the storm drain? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C. OUTDOOR MATERIALS <input type="checkbox"/> N/A (Skip to part D)				Observed Pollution Source? <input type="checkbox"/>	
C1. Are loading/unloading operations present? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell If yes, are they uncovered and draining towards a storm drain inlet? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C2. Are materials stored outside? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell If yes, are they <input type="checkbox"/> Liquid <input type="checkbox"/> Solid Description: _____ Where are they stored? <input type="checkbox"/> grass/dirt area <input type="checkbox"/> concrete/asphalt <input type="checkbox"/> bermed area					
C3. Is the storage area directly or indirectly connected to storm drain (circle one)? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C4. Is staining or discoloration around the area visible? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C5. Does outdoor storage area lack a cover? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C6. Are liquid materials stored without secondary containment? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C7. Are storage containers missing labels or in poor condition (rusting)? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
D. WASTE MANAGEMENT <input type="checkbox"/> N/A (Skip to part E)				Observed Pollution Source? <input type="checkbox"/>	
D1. Type of waste (check all that apply): <input type="checkbox"/> Garbage <input type="checkbox"/> Construction materials <input type="checkbox"/> Hazardous materials					
D2. Dumpster condition (check all that apply): <input type="checkbox"/> No cover/Lid is open <input type="checkbox"/> Damaged/poor condition <input type="checkbox"/> Leaking or evidence of leakage (stains on ground) <input type="checkbox"/> Overflowing					
D3. Is the dumpster located near a storm drain inlet? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell If yes, are runoff diversion methods (berms, curbs) lacking? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
E. PHYSICAL PLANT <input type="checkbox"/> N/A (Skip to part F)				Observed Pollution Source? <input type="checkbox"/>	
E1. Building: Approximate age: _____ yrs. Condition of surfaces: <input type="checkbox"/> Clean <input type="checkbox"/> Stained <input type="checkbox"/> Dirty <input type="checkbox"/> Damaged Evidence that maintenance results in discharge to storm drains (staining/discoloration)? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Don't know					

*Index: ○ denotes potential pollution source; denotes confirmed polluter (evidence was seen)

APPENDIX D
MAP OF OUTFALLS SCREENED
DURING 2010

APPENDIX E
MAPS OF FACILITIES INSPECTED
DURING 2010

E-4



Figure E-2. Facilities inspected in Joppatowne area (Middle), 2010



Figure E-4. Facilities inspected in Abingdon area (West), 2010



Figure E-5. Facilities inspected in Abingdon area (East), 2010



Figure E-6. Facilities inspected in Edgewood area, 2010



Figure E-7. Facilities inspected in Forest Hill area, 2010

What Can I Do?

- Use pesticides and fertilizers sparingly.
- Repair auto leaks.
- Use recycling centers to dispose of household hazardous waste, used auto fluids (antifreeze, oil, etc.) and batteries .
- Clean up after your pet.
- Use a commercial car wash or wash your car on a unpaved surface.
- Sweep up yard debris rather than hosing down areas. Compost or recycle yard waste when possible.

To report a storm water pollutant (illicit discharge) call **410.638.3400**



Remember
“Only Rain Down The Drain”

Remember
Only Rain Down the Drain

To report
stormwater pollution
410.638.3400
(24 hours)

The Illicit Discharge Program is a part of the National Pollutant Discharge Elimination Program and is administered by Harford County Department of Public Works, Water Resources Engineering. For more information:

Harford County Water Resources
212 South Bond Street
Bel Air, Maryland 21014

410.638.3545

HarfordCountyMD.gov /
WaterResources



Stormwater Pollution

When it rains, a portion of the rainwater or stormwater flows over the land into the storm drain and discharges directly to our streams, rivers, and ultimately the Chesapeake Bay.

Stormwater unlike sewage is not treated before it discharges to the stream. As it travels over land, stormwater comes in contact with many substances. These substances may have a significant impact on the storm drain system and stream water quality.

Some of the effects are flooding, clogging, property damage and endangerment to aquatic life, recreation and drinking water.

The Illicit Discharge Monitoring Program is designed to protect our storm drain system from stormwater pollutants (illicit discharges).

The only substance entering the storm drain system should be stormwater.

Stormwater pollutants are:

- Motor Oil
- Oil filters
- Antifreeze/ transmission fluid
- Paint
- Solvent/degreaser
- Cooking grease
- Detergent
- Home improvement waste (concrete, mortar, etc.)
- Pet waste
- Yard waste (leaves, grass, mulch and tree branches)
- Excessive dirt and gravel
- Trash
- Construction debris
- Pesticides and fertilizers
- Other substances



Trash



Chemicals



Animal Waste

If you see the above mentioned substances in a storm drain please call **410.638.3400**. This phone number is operational 24 hours a day.

Bureau of Water Resources

Environmental

Numbers to Know

- Public Information Officer410-638-3258
- Air Pollution Violations.....410-537-3215, 866-MDE-GOTO
- Bridge Damage....410-638-3279, after hours 911
- Chesapeake Bay Safety & Environmental Hotline...877-224RBAY
- Fish Kills & Algae Blooms....800-285-8195, 888-584-3110
- Wetland Sediment.....410-537-3442, 866-MDE-GOTO
- Groundwater, Wells & Septic....443-643-0300 410-838-6600
- Drinking Water.....410.-612-1612 (24 hours)
- Sanitary Sewer...410.-612-1612 (24 hours)
- Hazardous Materials and Dumping....911, 410.638.3400(24 hours)
- Used Oil Disposal.....410-638-3638
- Used Tire Disposal....410-638-3638
- Household Hazardous Waste Disposal....410-638-3638
- Miss Utility...410-612-1612 , 811
- Radiation Accidents or Safety Violations...410-537-3300, 866-MDE-GOTO
- Stormwater Management Facilities.....410-638-3563
- Surface Water, Stream Restoration...410-638-3545
- Erosion & Sediment Control.....410-638-3563
- Underground Tank Leaks...410-537-3442, 866-MDE-GOTO, 911



**Harford County Emergency Operations
Hazardous Materials Team
Incident Report**

Incident Number 10-029586

Date 2/22/2010

Incident Type Transportation Fixed Site Bio-Hazard
 Investigation Other Construction Site

Location of Incident/Type Premises 100 Blk. Bloomsbury Ave., Road way

Date and Time Occurred 2/22/10 14:10

Date and Time Reported 2/22/10 14:10

Initial Information Given By Dispatch Hydraulic Fluid leak into the stream

Materials Involved Explosives Gases Flammable Liquids
 Combustibles Flammable Solids Oxidizer
 Organic Peroxides Toxic Infectious
 Radioactive Corrosive Misc.

Container Type Drum Cylinder Pail Bag Box
 Railway Truck/Other Truck/Trailer Car
 Truck/Box Intermodal Pipeline Air Boat
 AST UST Other Bob Cat

Victim/Witness V W

Last <u>Cress</u>	First <u>Tom</u>	Middle _____
Race <u>White</u>	DOB _____	Telephone # <u>410-698-7160</u>
Address <u>7410 Goettner Rd.</u>		
City/State/Zip <u>Kingsville, Md. 21087</u>		

Victim/Witness V W

Last _____	First _____	Middle _____
Race _____	DOB _____	Telephone # _____
Address _____		
City/State/Zip _____		

Victim/Witness V W

Last _____	First _____	Middle _____
Race _____	DOB _____	Telephone # _____
Address _____		
City/State/Zip _____		

Responsible Party (See R.P Work Sheet if Transportation Incident)

Other R.P

Last _____	First _____	Middle _____
Race _____	DOB _____	Telephone # _____
Address _____		
City/State/Zip _____		

Property Damage

Photos Taken By Car 2, Larry Mabe

Nature of Incident Transportation Accident Spill/Leak Dumping

Residential Accident Other _____

Notifications MDE NRC/ Report # Required 931934

Health Dept Environmental Crimes Unit _____

Police Agency MSP Sheriff

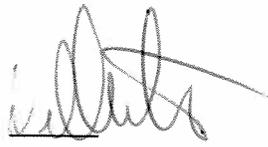
APD HPD BAPD Other _____

Incident Number 10-029586

Date 2/22/10

Page 3

Investigator William Stump

Signature 

Date Report Submitted 3/2/10

Report Reviewed By C.E. Ron

Date Reviewed 3-2-10

Status Open Closed

Follow-up Assigned To MDC

NOV Matrix Completed Yes No

Narrative

This response is for hydraulic fluid that leaked into a stream at the 100 Blk of Bloomsbury Ave. in Havre de Grace. During my response Command 5 advised that the spill had been stopped, was small in nature, approx. 3-5 gallons of product and that the waterway had been boomed. With that information, I held the Haz-Mat Team's response to Haz-Mat 4 and requested the Maryland Department of the Environment (MDE) due to oil in the waterway. Upon my arrival, I met with Car 2, L. Mabe as he has been on the scene, representing the Haz-Mat Team, working with Co. 5 in containing the spill. (Copy of Car 2's Supplement Form attached). Car 2 advised that the spill originated from a broken hydraulic line on a Case Bobcat style construction vehicle, model number 95XT. The broken line has been repaired. The vehicle is being operated by the Frank J. Goettner Construction Co., Inc., located in Kingsville, Md. 21087, Ph. # 410-592-7700. The company is performing sewer line replacement for the City of Havre de Grace. The foreman on site for the construction company is Mr. Tom Cress. Mr. Cress advised that after the hydraulic line broke, his personnel attempted to control the spill by applying clay type absorbents to the spill but due to water run off from the melting snow, the product was carried to a storm drain that directly entered Lilly Run. Two small earthen dams were built, 1 at the storm drain to stop the product from entering Lilly Run and 1 up hill from the spill site to capture the water run off before it washed away the hydraulic fluid and this water was then pumped over into a field, stopping the water from washing away any more hydraulic fluid. Co. 5 has also placed 2 H.O.W. Boom lines in Lilly Run to contain the spill.

Upon MDE's arrival, I advised their representatives, Neil Jones and Jeff Molner of the incident and actions taken. MDE met with Mr. Cress and allowed the Company to clean up the spill themselves which was done and I cleared the scene with MDE handling the spill.

DIVISION OF EMERGENCY OPERATIONS

<input type="checkbox"/> PAGE <input type="checkbox"/> CONTINUATION <input type="checkbox"/> FOLLOW-UP <input checked="" type="checkbox"/> SUPPLEMENT	VICTIM/PERSON: FIRM: City of Havre De Grace / DPW	INCIDENT # 2010 - 00029586
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On Monday February 22, 2010 at about 1409 hours the Harford County Communications Center alerted the Susquehanna Hose Company (Company 5) and the Harford County Haz Mat Team for Haz Mat Box 504, report of Hydraulic Fluid leaking into a stream near 100 Bloomsbury Avenue in Havre De Grace. The alert was monitored by Deputy Manager Larry Mabe (Chief of the Haz Mat Response Team) while on a regularly scheduled day off. Chief Mabe responded to the incident at 1416 hours from home in assigned County vehicle # 976. Chief Mabe was monitoring talk group D - 1 and was aware of the circumstances being reported by Dispatch and responding Fire Department units. Based on this information response was non-emergency.

Chief Scott Hurst, the on scene commander for the fire department offered additional information regarding the incident to indicate that the leak was minor in nature, did get into the waterway but booms had been placed in Lilly Run to prevent further spread, and the flow of material had been abated. Total spill was described as 3 - 5 gallons. Chief Hurst felt that there was nothing recoverable from the stream. Based on this information Haz Mat Crew Chief William Stump, the Operations Officer for the response held the response to Haz Mat 4 and other personnel enroute to the scene and also notified MDE ERD of the incident. Dispatch had also been requested to notify MDE and DNR Police of the incident due to product entering a waterway that directly dumps into the Susquehanna River. Chief Mabe agreed with this action and made no alterations to the instructions of Crew Chief Stump. Chief Mabe arrived on the scene at about 1429 hours.

Chief Mabe approached the scene initially in street clothes and safety shoes to discover needs of the fire service. First contact was with Deputy Chief Chad Packard who explained that their personnel had boomed Lilly Run in two places and that the flow of product had been stopped short of the storm drain, so everything was pretty much under control. Chief Mabe proceeded from the parking lot at Vision Associates on foot to the scene at Bloomsbury Avenue and Lilly Run. Contact was made with Chief Scott Hurst and Assistant Chief Steve Allers from Susquehanna Hose Company on scene. Chief Hurst advised that apparently a hydraulic line had broken on a loader further up Bloomsbury (a front end loader and skid loader were both visible further southwest on the roadway) and it had leaked along the curb and reached the storm drain. Chief Mabe could see what appeared to be a wet area and some liquid between the current location and the skid loader. Initially Chief Mabe thought the spill came from the front end loader, but later learned it was from the skid loader along the roads edge facing to the southeast coming in off Revolution Street end.

Chief Mabe initially looked at the booming in Lilly Run between the pipe at Bloomsbury and Revolution Street. From that vantage point one set of booms could be observed. There was no evidence of product or a sheen from that point of observation. On the west side of the street, just south or west of Lilly Run was a storm drain and some make shift diking efforts made to stop the fluids from reaching the storm drain. Observation showed that some type of liquid product had in fact reached the drain however there was no visible evidence of any petroleum type product in the base of the drain and no sheen was observed. Chief Mabe took photos of this immediate area for reporting purposes. Photos were taken of the booms in Lilly Run, the storm drain and area between Lilly Run and the actual spill site. Weather at time of the incident was partly to mostly cloudy with temperatures in the 40's. Rescue 551 from Susquehanna Hose Company was positioned on Bloomsbury Avenue between Lilly Run and the skid loader involved. Distance from the storm drain to the source of the spill (skid loader) was at or near 100 feet. A mix of dirt, clay absorbent, oil on water booms and dry land absorbent pads were being used to control the spill. Captain Sampson from Rescue 551 asked if more white oil on water absorbent pads were available and Chief Mabe did have about a dozen on his vehicle, so these were retrieved from # 976 and passed on to Rescue 551's crew for deployment. Most were used in a pool of water and hydraulic fluid close to the skid loader. Chief Mabe also provided one spaghetti style absorbent pillows to supplement the absorbents already at the dike near the storm drain.

Chief Mabe proceeded to make contact with workers from the construction firm on site. Contact was made with Tom Cress who advised he was the Foreman on site. Phone number for contact was offered as 410-698-7160. His company was doing sewer line replacement under contract from the City of Havre De Grace.

He stated that they were working with the skid loader when one of the lines going to the bucket broke and they lost what he described as about a gallon of hydraulic fluid. At this point the loader had not been moved, but the broken line had been repaired. They requested permission to move the loader however that was initially denied by Chief Mabe until a closer inspection could be made. Mr. Cress also asked if his crew could utilize a sump pump to pump snow melt flow above the site of the spill out into the snow so the hydraulic fluid would not be pushed toward the stream. This request was granted. The skid loader was located in front of 103 Bloomsbury Avenue at time of incident. Photos were taken by Chief Mabe of the skid loader and the bucket of fluid used to refill the equipment reservoir. Chief Mabe advised Mr. Cress that he would also be interviewed by an incoming Crew Chief, Bill Stump and that Maryland Department of the Environment would be responding because of the fluid entering a stream that fed directly into navigable waters of the Susquehanna River. He provided Chief Mabe with the name Jay on it from his company however this was passed to Crew Chief Stump for the base report. The skid loader involved was a Case 95XT Skid Loader, yellow in color.

Crew Chief Stump, along with other members of the Haz Mat Team arrived at about 1447 hours. Chief Mabe briefed Bill on what actions he had taken and advised that he wanted to check back with one of the Inspectors from Havre De Grace regarding some comments he heard earlier. Chief Mabe made contact with Joe Conaway, Inspector from Havre De Grace DPW at the Lilly Run bridge. Mr. Conaway advised that he had been at a fast food mark further up Revolution Street and noticed a sheen of something on Lilly Run. He tried to determine where it might be originating from and remembered the sewer crew on Bloomsbury. He came to that location and noticed the product along the curb line and at the storm drain. He also noted that there was some type of kitty litter type absorbent at or near the skid loader. He inquired and found out that there had been a broken line. Because the product had entered Lilly Run he notified his supervisor Bill Reeder who in turn notified the 9-1-1 Center for a proper response. Chief Mabe briefed Crew Chief Stump on the fact that the notification was not made by the contractor, but by an employee of the city. Need to advise the contractor representative of our local law and the need to make proper notifications. Discussion on need for clean-up contractor or to allow contractor to clean up and dispose of spent products. Crew Chief Stump will discuss with MDE on their arrival and advise personnel on site.

Supplies used by Rescue 551 and Mini Pumper 545 were replaced by the crew of Haz Mat 4. Chief Mabe placed some Sphag Sorb on areas of liquid along the curb line and very little darkening took place indicating there was very little product remaining in the locations where water was pooled. The white HOW pads were also showing limited signs of absorbing any hydrocarbons off the water. A check of the spaghetti pillow placed at the storm drain also showed only a little absorption at 1458 hours. Chief Mabe repackaged his vehicle and cleared the scene at about 1507 hours. On scene decision was Crew Chief Stump would complete the base report, Chief Mabe would submit supplement due to his early arrival and forward photos taken at the scene.

Chief Mabe (Car 2) Off the Air at Home at about 1525 hours, time to include final clean-up.

Included with this Supplement Report:

Print outs of photos taken at the scene
CAD Incident Detail Report from Dispatch Center

Larry A. Mabe
Dep. Mng. of Operations / Chief Haz Mat Response Team
2/23/10 @ 1445 hrs.

LOCAL EMERGENCY PLANNING COMMITTEE
Monthly Meeting -- September 15, 2010
3:00 p.m. -- Harford County Emergency Operations Center

Minutes from the last meeting are as follows.

Call to Order by Richard Schwanke, Chair of the LEPC

The minutes for the July 2010 meeting were distributed and approved.

Report of Incidents – Mike Brunicke, Acting Deputy Manager Operations (See Enclosure)

SARA Title III – Mary Moses, SARA Title III, Supervisor

Currently we have 159 compliant out of 161 or 98.7%. Remaining facilities are municipalities with computer access problems that we will meet on.

Hazmat Team Report – Mike Brunicke, Acting Chief and Acting Deputy Manager Operations.

The team will be participating in the Vigilant Guard Exercise with the National Guard on November 5th, 6th and 7th. The exercise will take place at the Port of Baltimore and will consist of a chemical incident.

During the week of November 8th, 2010 Harford County will be participating in the EPA Region III Emergency Preparedness and Response Conference which will be held in Baltimore. Registration fees have been set so that if a jurisdiction wants to pay a flat fee of \$5000.00 they can send as many people as they want.

On October 15th, 2010 the Hazmat Team will be participating in an Exercise with the City of Aberdeen at Ripkin Stadium. Clarence Ross briefed the members on the purpose and operation of the Safe Site device.

Currently the team is in progress of reviewing and updating the Standard Operating Guidelines.

Emergency Management Update – Rick Ayers, Emergency Manager, Deputy Manager of Emergency Planning.

September is Emergency Preparedness Month, an event was held at Ripkin Stadium but had to be modified due to a impending storm in the Atlantic that thankfully stayed off-shore.

A CPOD (Community Points of Distribution) exercise was held on September 14, 2010 at the Aberdeen Walmart.

The Emergency Management Team recently completed filming a show for HCN on Emergency Planning for those with needs. The show should air on Harford Cable Network during the month of

September.

Just a reminder the Hurricane Season is very active right now and we have had one close call.

Exelon Nuclear or Peach Bottom Atomic Power Station recently underwent an inspection by the Nuclear Regulatory Commission and the Federal Emergency Management Agency. The inspection did find some upgrades that need to be completed due to the potential for Earthquakes.

Rick thanked everyone who participated in Larry Mabe's retirement dinner.

A message will go out tonight about construction that will be closing part of Rt. 924.

Hearing- Mr. Smith

Clarence Ross- On June 7th, 2010 at 1414 hours the Harford County Hazmat Team was called out to assist Bel Air Fire Company with a petroleum spill at 1904 Kalmia Road. Upon arrival they found a ¼ mile spill on Kalmia Road and initial findings indicated a possible incident with a piece of farm equipment. The spill continued on the roadway to a driveway at 1817 Kalmia Road and led up to a wooded area. The tractor involved was found in the woods with no driver and no indication of an attempt to clean up. Law enforcement was called due to the possibility of theft. Approximately 20 gallons of hydraulic fluid had been spilled from the damaged farm equipment. Investigation led to the equipment owner Mr. Smith. A phone number was obtained and Mr. Smith was contacted. Mr. Smith and the operator came to the scene. The area was cleaned up by the Fire Department, Hazmat Team and Department of Public Works. There was no notification by the owner or operator as required by Harford County Code. The Owner had been notified by the employee, but made no attempt at notification or clean-up. A notice of violation was issued.

Mr. Smith – Complemented Clarence Ross on his handling of the situation. He was not aware of the legal requirements and had never had an incident like this before. The employee had reported the incident and they were getting saw dust for the clean up when they were contacted. Mr. Smith advised that it would never happen again. The LEPC approved to close the case.

The LEPC discussed the need for further outreach for the Ag community. A presentation was made at the winter meeting by Mary Moses and another will be done at the next one. An article will be presented in the next newsletter from the LEPC.

Old Business

The recent changes to the plan review were discussed and additional changes were made. The plan modification was approved by the LEPC.

New Business

Community Right to Grant 2010 – There is a need to update the LEPC portable Lap Top, the current computer was purchased in 2001 and can not be updated to current system requirements.

Mary Moses requested that the LEPC approve Grant monies to purchase a new computer. The LEPC approved the expenditure.

The LEPC discussed potential uses for the remaining balance of the 2010 Right to Know Grant.

EPA Conference is advancing in planning. The agenda should be released soon.

Pat Williams, Maryland Department of the Environment.

Pat briefed the LEPC on Security regulations and Risk Management Plans.

The LEPC discussed current membership and will work on filling in areas that need representation.

The Heath Department briefed the LEPC on current vaccination actions.

The Havre de Grace Police Department will be conducting a Prescription Drug Collection.

The LEPC will consider a Social Networking site, Mary will investigate what is needed to implement the page.

The meeting was adjourned at 4:33 p.m. The next meeting of the Harford County Local Emergency Planning Committee will be on Wednesday, October 20, 2010 at the Harford County Division of Emergency Operations in the Emergency Operations Center. The meeting will start at 3:00 pm and a hearing is scheduled.

This document is available in an alternate format upon requests. Contact, Mary Moses (410) 638-4904.

**HARFORD COUNTY
ILLICIT DISCHARGE
INSPECTION PROGRAM:
2011 SUMMARY REPORT**

Prepared for

Harford County
Department of Public Works
Division of Highways and Water Resources
212 South Bond Street, 3rd Floor
Bel Air, Maryland 21014

Prepared by

Versar, Inc.
9200 Rumsey Road, Suite 100
Columbia, MD 21045

July 13, 2012

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ACRONYMS

DO	Dissolved Oxygen
GIS	Geographic Information System
GPS	Global Positioning System
HSI	Hot Spot Investigation
IDP	Illicit Discharge Potential
MS4	Municipal Separate Storm Sewer System
MDE	Maryland Department of the Environment
N/A	Not Applicable
NAD	North American Datum
NPDES	National Pollutant Discharge Elimination System
SW	Stormwater

ABBREVIATIONS AND UNITS OF MEASURE

Cl	chlorine
cm	centimeter
Cu	copper
l	liter
mg	milligram
mS	milliSiemens
NTU	Nephelometric Turbidity Unit
O ₂	oxygen
unk	unknown

1.0 INTRODUCTION

On an annual basis, Harford County conducts inspections of Municipal Separate Storm Sewer System (MS4) outfalls and commercial/industrial facilities within its jurisdiction. Such inspections are a requirement of the County's National Pollutant Discharge Elimination System (NPDES) permit. They reflect the County's ongoing commitment to the identification and remedy of illicit discharges into the MS4 network and pollution sources from activities on commercial/industrial parcels.

Dry weather discharges are defined as any non-stormwater flow in the MS4 which may arise from one or more of the following causes (Brown et al. 2004):

- Inadvertent connection of sewage and septic flows;
- Washwater flows, such as residential gray water (laundry) discharges, water from commercial car washes, fleet washing, commercial laundries, and floor washing to shop drains;
- Liquid wastes such as oil, paint, and process water that enter the storm drain system;
- Tap (potable) water;
- Landscape irrigation; and
- Groundwater or spring water.

Illicit discharges are those dry weather flows that contain pollutants or pathogens. Water quality testing is used to distinguish illicit discharges (sewage/septic, washwater, tap water, and wastes) from cleaner discharges such as groundwater.

During 2011, Harford County's consultant, Versar, Inc., investigated 115 outfalls in various locations during dry weather in order to detect illicit discharges from normal stormwater runoff or discharges from other natural sources, such as groundwater. Screening consisted of field visits to selected outfalls within the Municipal Separate Storm Sewer System, physical inspections, and chemical tests (if the outfall was discharging during dry weather) to determine whether a dry weather discharge was contributing to elevated indicator levels or unacceptable values for water quality parameters. The County performed follow-up inspections of any improper discharges or illicit connections identified through the screening program.

Commercial/industrial parcels are potential pollutant "hotspots" because they offer a high probability of illicit discharges to the MS4. This is a consequence of one or more of the following (Wright et al. 2005):

- Outdoor material storage (e.g., unprotected storage of pesticides, solvents, bulk materials, or hazardous materials);

- Vehicle operations (e.g., outdoor maintenance, uncovered fueling operations);
- Uncovered storage of trash or presence of leaking dumpsters;
- Condition of the physical plant (e.g., connection of downspouts, condition of building(s), condition of pavement); and
- Landscape management (e.g., turf management status, presence of non-target irrigation), and condition of stormwater infrastructure (e.g., presence of stormwater controls, litter in gutters).

During 2011, Versar field teams visited 50 commercial/industrial parcels to conduct visual surveys of storage, housekeeping, vehicle maintenance, physical plant maintenance, waste, and landscape management practices to determine whether a confirmed hotspot exists on the property. If an ongoing pollution problem was found, a follow-up investigation was made by the County to eliminate the pollution source. Additional measures that the County may take to raise awareness of stormwater pollution include public outreach and education.

This report documents the field results for Harford County's 2011 illicit discharge and commercial/industrial hotspot site inspection program. The following sections describe the site selection protocol, field inspection methods, and results of field inspection as well as pollutant source determination and County responses to confirmed pollution problems within the MS4 or resulting from activities on commercial/industrial sites. Complete results are provided in a Microsoft Access database that accompanies this report.

2.0 METHODS

2.1 ILLICIT DISCHARGE DETECTION

2.1.1 IDDE Site Selection

Harford County completed a desktop analysis of illicit discharge potential based on criteria described in Brown et al. (2004). Normalized illicit discharge potential (IDP) scores were determined for all georeferenced outfalls in the County. The IDP scores were divided into three categories, with a coefficient range of 1-3, as detailed below:

- 1) Low IDP Risk - 1.0 to 1.66
- 2) Medium IDP Risk- 1.67 to 2.33
- 3) High IDP Risk- 2.34 to 3.00

Note that at present, no outfalls within the County's jurisdiction fall within the high IDP risk category.

Harford County provided Versar with the following information to assist in outfall screening field efforts:

- Programmatic Outfall Tracking Spreadsheet containing 2,923 georeferenced and prioritized (by IDP score) outfalls;
- Stormwater infrastructure GIS layer;
- Road centerline GIS layer; and
- Hydrology GIS layer.

From the prioritized outfall data in the tracking spreadsheet, 115 outfalls were selected by Versar for field screening in 2011 to provide sufficient targeted outfalls to meet the targeted 100. The target outfalls satisfied the following criteria:

- Include 75% of the outfalls from the medium IDP risk class;
- Include 25% of the outfalls from the low IDP risk class;
- Include only outfalls coded in the GIS as system (SYS) or culvert with attached storm drain (C2) outfalls; exclude culverts (C1);
- Exclude outfalls that lie within the boundaries of the following incorporated municipalities: the Town of Bel Air, City of Havre de Grace, and City of Aberdeen;
- Exclude outfalls that are under the jurisdiction of the State Highway Administration (MS4);
 - These outfalls will be found on or connected to state or federal highways;

- Include 20% of previously inspected outfalls (15% from medium IDP risk class and 5% from low IDP risk class); and
- Prioritize sites from highest to lowest IDP score.

The spreadsheet of potential outfalls was sent to Harford County for approval prior to field investigations.

2.1.2 IDDE Field Screening Procedures

The 2011 selected outfall spreadsheet was converted to a geodatabase in ArcGIS. In ArcGIS, target outfalls for 2011 were highlighted and field maps were printed to assist field staff in locating the target outfalls. The 2011 sites, the outfall tracking geodatabases and other GIS layers were loaded into Trimble ProXT differential GPS unit so that field staff could a) locate the 2011 target outfalls and b) provide field staff with maps of MS4 infrastructure to assist in tracking down flowing water.

Electronic field data were downloaded daily and periodically checked against the list of 2011 target outfalls in the outfall tracking spreadsheet.

Field screening was conducted from November 2011 to January 2012. All sites were visited after at least a 24-hour dry weather period (i.e., a period of less than 0.10 inches of precipitation that would otherwise mask improper discharges), as required in the Dry Weather Screening Plan (Versar 2010). Dry weather screening activities included:

- Locating the outfall using County GPS coordinates and recording the field GPS point of the outfall;
- Photographing the outfall;
- Inspecting the selected outfalls for physical evidence of dry weather flow;
- Performing water chemistry tests in the field if flow is present and performing cursory source tracking of suspected illicit discharge; and
- Re-inspecting and retesting all outfalls exhibiting flow the following day, if feasible.

Field teams chemically tested dry weather discharge from outfalls using Chemetrics colorimetric field test kits (phenols, copper, residual chlorine) and a Chemetrics single analyte meter (detergents). In the case of the single analyte meter, the instrument was zeroed prior to each use according to manufacturer instructions. Color was determined using a Lamotte color kit. Water quality parameters such as dissolved oxygen, pH, and specific conductivity were measured using a YSI 600XL or an In-situ Troll multiparameter sonde. Staff calibrated the YSI daily prior to performing field investigations. The In-situ sonde, which features an optical dissolved oxygen probe, was calibrated less often, but at intervals not longer than manufacturer specifications. Instrument instructions and calibration procedures are detailed in Versar (2010).

At the end of each field day, GPS geodatabase files containing all screening data entered in the field were uploaded to Versar's server. Field staff also uploaded digital photograph files from the field camera to Versar's server. Server electronic files were backed up daily according to Versar corporate safe data policy.

During screening, if an outfall was encountered in the field that was not included in the list and had not been previously screened, the outfall was screened and counted toward the overall target of 100 outfalls.

2.1.3 Discharge Classification

Detectable concentrations of one or more analytes were used to classify an illicit discharge. For example, the presence of chlorine can indicate either tap water leaking from a broken supply pipe or sewage. Source tracking and subsequent analyses can be used to define the discharge. The presence of residual chlorine and copper, low turbidity, but no odor can be used to classify the discharge as tap water. The presence of detergent, copper, and residual chlorine can be used to classify the discharge as wash water. Discharges with no residual chlorine, low conductivity and turbidity can be used to classify the discharge as groundwater infiltration.

1. **High Potential** to contain an illicit discharge;
 - a. Samples that exceeded the thresholds for both residual chlorine & copper; or
 - b. Samples that exceeded the thresholds for detergents
2. **Medium Potential** to contain an illicit discharge; Samples exceeding a single threshold for chlorine or copper.
3. **Low Potential** to contain an illicit discharge: Samples exceeding a threshold for a single parameter other than chlorine, copper, or detergents.

Results of screening tests were compared to the criteria presented in Table 2-1 to assist in identifying the possible source of a suspected improper discharge or illicit connection.

Table 2-1. Analytes, testing ranges, and action criteria for dry weather discharge screening in Harford County.

Analyte	Effluent Type Indicated	Action Criterion	Minimum Detection Limit	Instrument Range	Kit or Probe
residual chlorine (Cl)	industrial, drinking water, sewage,	> 0.05 mg/l ^b	0.05 mg/l	0 to 5 mg/l	color comparator
color	sewage , washwater	> 20 color units			color kit
copper (Cu)	industrial	> 0.05 mg/l ^b	0.05 mg/l	0 to 10 mg/l	color comparator
phenols	dry cleaning	> 0.05 mg/l ^b	0.05 mg/l	0 to 12 mg/l	color comparator
turbidity	industrial, sewage, washwater	≥ 1000 NTU ^a	0 NTU		sonde
surfactants (detergents)	sewage, washwater	> 0.25 mg/l (residential) ^a	0.15 mg/l	0.15 to 1 mg/l	Single analyte meter
dissolved oxygen (DO)	sewage				Sonde
water temperature	sewage	> 23.9 C ^c			sonde
pH	industrial, washwater	≤ 5 (industrial) ^a		0 to 14	sonde
conductivity	industrial	> 2 mS/cm ² (industrial) ^a			sonde

^a Brown *et al.* 2004
^b Exceedance criterion based on the test range of the field kit
^c Source: Baltimore County (2007)

2.2 COMMERCIAL AND INDUSTRIAL FACILITY INSPECTIONS

2.2.1 Facility Site Selection

The County provided a cadastral GIS layer that was used by Versar to identify commercial and industrial land use parcels. The four-digit land use code in the GIS layer was used to narrow down the commercial and industrial parcels to a subset that was subjectively determined to have the highest pollution potential. The four-digit land use codes of interest are provided in Table 2-2.

By County request, Versar restricted potential parcels to the Joppatowne, Edgewood, and Abingdon communities. The proposed target parcels were forwarded to Harford County for approval. Once approved, field maps of a scale to produce sufficient detail were prepared of the target parcels to enable field teams to distinguish features on aerials and to sketch areas of interest directly on the maps.

Table 2-2. Land use codes for selection of facilities for hot spot investigations.	
Land Use Code	Description
2110	Automobile sales or service establishment (towing)
2120	Gasoline service (includes associated convenience store)
2140	Consumer goods, other
2230	Scientific and technical services
3100	Manufacturing
3200	Warehouse and storage and distribution
4140	Truck and freight transportation services
7200	Machinery and heavy construction
7300	Special trade contractor (installation or repair services)
8500	Retail and industrial
8700	Other mixed uses
9600	Vacant (with building)
9700	Unimproved
9901	Outdoor storage for an adjacent property

2.2.2 Commercial and Industrial Facility Field Inspections

Versar field teams conducted hotspot investigations (HSIs) at the target commercial / industrial parcels using methods set forth in Wright et al. (2005), and modified for Harford County. The HSIs were completed during December 2011. The field teams restricted their activities to evaluating parcels chosen from the desktop procedure outlined above, to what could be immediately viewable from the vantage of their vehicle (i.e., “windshield” surveys). For parcels containing fenced in equipment or vehicle storage areas, field teams drove through the nearby area and noted and photographed visible signs of any potential pollution problems. Field teams then parked nearby and completed HSI field data sheets.

HSIs were conducted using the HSI field data sheet as a guide (Appendix C). Limited photo-documentation of the parcels was undertaken; any obvious pollution problems were photographed and the County was notified within two business days. Only “severe” and “confirmed” hotspots, as determined from field data sheets, were immediately reported to the County. Additionally, any waste oil tanks of 1,000 gallons and fuel oil tanks of 10,000 gallons are regulated by the Maryland Department of the Environment (MDE). They were noted if found. MDE has the right to require oil storage facilities of less than 10,000 gallons capacity to be diked if the facility is in a location likely to pollute the waters of the state.

Versar personnel completed HSI forms for each site, filling in circles to indicate potential sources of pollution at each site, and checking boxes to indicate observed pollution. The filled in circles and checked boxes were further tallied from the criteria observations on the HSI forms and sites were rated according to the following scale:

- Fewer than 5 circles and no boxes checked: Not a hotspot.
- 5 to 10 circles but no boxes checked: Potential hotspot.
- 10 to 15 circles and/or 1 box checked: Confirmed hotspot.
- Greater than 15 circles and/or 2 or more boxes checked: Severe hotspot.

3.0 RESULTS

3.1 OUTFALL INSPECTIONS

3.1.1 Summary of Screening Results

Field screening of Harford County MS4 outfalls was conducted November 2, 2011 to January 5, 2012. A follow-up field day was held on March 7, 2012 to correct errors discovered during data review. The results of IDDE dry weather screening activities are summarized in Table 3-1. Full screening data are contained in a Microsoft Access database that accompanies this report.

Watershed / Subwatershed	Outfalls visited & screened	Outfalls Not Found	Wet Outfalls Tested and Retested	Outfalls with Low Potential for Illicit Connection	Outfalls with Medium Potential for Illicit Connection	Outfalls with High Potential for Illicit Connection
Atkisson Reservoir	12	1	6	1 (phenols & color) 1 (color)	0	2 (detergents)
Bush River	18	1	7	3 (color)	1 (copper) 1 (residual chlorine)	0
Bynum Run	57	6	21	6 (color)	1 (copper) 2 (residual chlorine)	5 (detergents)
Gunpowder River	1	1	0	0	0	0
Little Gunpowder Falls	3	1	0	0	0	0
Lower Winters Run	8	5	2	0	2 (copper)	0
Swan Creek	1	0	0	0	0	0
Total	100	15	36	11	7	7

Of 115 sites investigated, 100 outfalls were found and screened. Of those 100 outfalls, 36 were found to be flowing and were therefore tested and retested. Field staff also performed a cursory source tracking using GPS and maps of the storm drain infrastructure. Of 36 flowing sources tracked, no discrete sources were found that would indicate a problem. In many cases, the source of the flowing water may be assumed to be groundwater. The remaining 64 sites were found upon field inspection to be dry. A total of 15 locations provided were not found to be outfalls or could not be found (Table 3-2).

Table 3-2. Outfalls not found in the field.

Outfall ID	Coordinates (NAD83 State Plane feet)		Comments
	Northing	Easting	
OF000302	658338.0	1505980	not found - stream crossing
OF000390	657042.7	1506058	not found - stream crossing
OF000636	653402.9	1524553	not found - likely tied into OF002287
OF000959	698062.9	1487367	yard drain found at this location – water flowing inside probably toward OF000016
OF001190	688088.4	1491725	not found
OF001638	678633.6	1506825	not found
OF001824	660636.2	1482103	not found
OF001836	662396.7	1489024	not found – pipe at this location discharges into below-grade structure
OF001952	666080.0	1492484	not found
OF002201	655586.0	1505314	inlet for stream crossing
OF002337	644721.1	1506972	not found
OF002518	633836.6	1501545	not found - no stormwater infrastructure in vicinity
OF002779	678638.8	1510341	outfall located in pond
OF002781	678697.5	1510331	outfall located in pond
OF002782	678667.4	1510324	outfall located in pond

Seven of the 36 flowing outfalls were found to be of medium potential for illicit discharges because they exceeded concentration thresholds for either copper or residual chlorine. Eleven outfalls of the 36 were found to have low potential for illicit discharges due to phenols and/or color exceeding thresholds. Seven outfalls were found to have a high potential for illicit discharge due to detergent results exceeding the threshold level on at least one test: OF000098, OF001183, OF001514, OF001565, OF001650, OF001702, and OF001935. None of these outfalls had detergent concentrations greater than 0.29 mg/l; however, all seven were reported to the County on November 3, November 10, and December 16, 2011.

Twenty-five of 36 flowing outfalls for which at least one parameter exceeded a concentration threshold are presented in Table 3-3 through Table 3-6. The chemical results for the sites with water quality results exceeding criteria on initial test or upon retest are given in Table 3-3 for Atkisson Reservoir watershed, in Table 3-4 for Bush River watershed, in Table 3-5 for Bynum Run watershed, and Table 3-6 for Lower Winters Run watershed. Secondary indicators of possible illicit discharges are also provided.

Field test results for 11 of the 36 flowing outfalls did not test above any action criteria; however, the flowing water was tracked down in an attempt to identify the source (Table 3-7).

Table 3-3. Initial and retest field screening results for suspected illicit connections in the Atkisson Reservoir watershed. Only values exceeding thresholds as detailed in Table 2-1 are shown here and in tables below.							
Date of Test	Test Description	Residual Chlorine (mg/l)	Copper (mg/l)	Detergents (mg/l)	Color (color units)	Dissolved O ₂ (mg/l)	Phenol (mg/l)
Fairwind at Foothill (Outfall OF000098)							
<ul style="list-style-type: none"> Gray-colored water; rotting vegetation smell Excessive vegetation (phragmites) 							
11/07/2011	Initial			0.27	40		
11/08/2011	Retest			0.21	25		
1117 Peachtree (Outfall OF001514)							
11/03/2010	Initial			0.28	50		
11/04/2010	Retest			N.F.	N.F.		
Fairwind at Foothill (Outfall OF001677)							
11/07/2011	Initial				25		0.10
11/08/2011	Retest				20		0.00
727 Old Joppa Rd (Outfall OF001816)							
11/04/2011	Initial				30		
03/07/2012	Retest				25		
N.F. = not flowing							

Table 3-4. Initial and retest field screening results (mg/l) for suspected illicit connections in the Bush River watershed.							
Date of Test	Test Description	Residual Chlorine (mg/l)	Copper (mg/l)	Detergents (mg/l)	Color (color units)	Dissolved O ₂ (mg/l)	Phenol (mg/l)
Behind near-728 Burnside Dr. (Outfall OF000111)							
12/02/2011	Initial	0.25					0.00
12/05/2011	Retest	0.00					0.10
821 Flintlock (Outfall OF000112)							
<ul style="list-style-type: none"> Suds/bubbles present 							
12/05/2011	Initial				15		
12/09/2011	Retest				25		
500 Advantage Way (Outfall OF000610)							
<ul style="list-style-type: none"> Brown, cloudy water 							
12/30/2011	Initial				75		
01/05/2012	Retest				N.F.		
815 Flintlock (Outfall OF001738)							
<ul style="list-style-type: none"> Oil/gas odor 							
12/05/2011	Initial				70		
12/09/2011	Retest				40		
315 Mayberry Dr. (Outfall OF002075)							
12/30/2011	Initial		0.05		95		0.00
01/05/2012	Retest		0.10		250		0.30
N.F. = not flowing							

Table 3-5. Initial and retest field screening results for suspected illicit connections in the Bynum Run watershed.							
Date of Test	Test Description	Residual Chlorine (mg/l)	Copper (mg/l)	Detergents (mg/l)	Color (color units)	Dissolved O ₂ (mg/l)	Phenol (mg/l)
611 Gairloch Pl. (Outfall OF000091)							
12/13/2011	Initial				35		
12/14/2011	Retest				20		
1517 Fountain Glen (Outfall OF000092)							
12/12/2011	Initial	0.10					
12/13/2011	Retest	0.00					
Rte 24 at Red Pump Rd. (Outfall OF001183)							
11/09/2011	Initial		0.05	0.26	45	2.96	0.00
11/18/2011	Retest		0.15	0.29	250	2.40	0.10
503 Bynum Rd. (Outfall OF001224)							
11/2/2011	Initial				15		
01/05/2012	Retest				25		
Granery and Water Tower Rd. (Outfall OF001228)							
11/02/2011	Initial		0.00		25		
01/05/2012	Retest		0.10		450		
Henderson at Leeswood (Outfall OF001240)							
11/02/2011	Initial				35		
01/05/2012	Retest				35		
Redfield Rd. at Todd Ln. (Outfall OF001565)							
11/28/2011	Initial			0.22	40		
12/01/2011	Retest			0.26	20		
Tredmore at Greystone (Outfall OF001573)							
11/28/2011	Initial				20		
12/01/2011	Retest				30		
1423 Fountain Glen Dr. (Outfall OF001582)							
12/12/2011	Initial	0.29			40		0.50
12/13/2011	Retest	0.00			25		0.00
216 Victory Ln. (Outfall OF001606)							
11/28/2011	Initial				20		
03/07/2012	Retest				25		
1419 Briar Hill Estates (Outfall OF001648)							
12/09/2011	Initial				25		
12/12/2011	Retest				15		
658 Kildonan Ct. (Outfall OF001650)							
12/12/2011	Initial			0.27	23		0.50
12/13/2011	Retest			0.10	25		0.05
Address N/A (Outfall OF001702)							
11/9/2011	Initial			0.20			
11/18/2011	Retest			0.27			
Patterson Mill High School (Outfall OF001935)							
11/07/2011	Initial	0.10		0.26	50		
11/08/2011	Retest	0.05		0.00	50		

Table 3-6. Initial and retest field screening results (mg/l) for suspected illicit connections in the Lower Winters Run watershed.							
Date of Test	Test Description	Residual Chlorine (mg/l)	Copper (mg/l)	Detergents (mg/l)	Color (color units)	Dissolved O ₂ (mg/l)	Phenol (mg/l)
3712 Torey Ln. (Outfall OF000394)							
12/16/2011	Initial		0		150		
12/19/2011	Retest		0.2		200		
Arundel Court from Storage Works (Outfall OF000600)							
• Excessive Algal Growth							
12/16/2011	Initial		0		125		
12/19/2011	Retest		0.2		300		

Table 3-7. Initial and retest field screening results (mg/l) for suspected illicit connections that were below indicator criteria but were tracked down.								
Outfall ID	Date of Test	Test Description	Residual Chlorine (mg/l)	Copper (mg/l)	Detergents (mg/l)	Color (color units)	Dissolved O ₂ (mg/l)	Phenol (mg/l)
OF000016	11/3/2011	Initial	0	0	0	20	11.3	0
	1/5/2012	Retest	0	0	0	15	10.67	0.05
OF000110	12/2/2011	Initial	0	0	0	20	9.14	0
	12/5/2011	Retest	0	0	0.25	20	9.27	0
OF000119	11/3/2011	Initial	0	0	0	15	15.8	0.05
	1/5/2012	Retest	0.05	0	0	20	12.45	0
OF000690	11/8/2011	Initial	0.05	0	0	15	11.1	0
	11/9/2011	Retest	0	0	0	15	10.1	0
OF001564	11/28/2011	Initial	N.T.	N.T.	N.T.	N.T.	N.T.	N.T.
	N.T.	Retest	N.T.	N.T.	N.T.	N.T.	N.T.	N.T.
OF001570	11/25/2011	Initial	N.R.	0	0	10	11.53	0
	11/28/2011	Retest	0	0	0	15	11.8	0
OF001583	12/13/2011	Initial	0	0	0	15	8.78	0
	12/14/2011	Retest	0	0	0.15	10	6.89	0
OF001607	11/18/2011	Initial	0	0	0.2	20	11.4	0
	11/25/2011	Retest	0	0	0.21	20	10.26	0
OF001616	12/5/2011	Initial	0	0	0.19	15	10.82	0
	12/9/2011	Retest	0	0	0	15	9.61	0
OF001740	12/30/2011	Initial	0	0	0.18	10	10.2	0
	1/5/2012	Retest	0.05	0	0	15	11.23	0
OF002631	11/2/2011	Initial	0	0	0	5	8.9	0
	3/7/2012	Retest	0	0	0	5	7.48	0

N.T. = Outfall submerged and therefore not tested; flowing water found downslope of outfall, so field team tracked source of flow in network.
N.R. = Result not recorded.

3.1.2 Outfalls Requiring Maintenance

A total of 16 outfalls (or areas surrounding or downstream) were identified as requiring maintenance. The maintenance issues requiring attention are listed in Table 3-8. Examples of maintenance needs included blockages, damaged pipes, separated pipe and outfall sections, and downstream erosion.

Table 3-8. Maintenance problems identified during outfall screening.	
Outfall ID	Maintenance Issue
OF000595	bottom of pipe rusted out
OF001224	cracking, chunks missing
OF001564	buried except for 2 inches exposed, cattails growing from where impounded water slowly seeps out
OF001565	flared end and first pipe segment collapsed
OF001575	structure is suspended in the air, 10 feet of erosion
OF001587	erosion moderate for 20 ft then severe for another 20 ft, erosion headcut 20 ft downstream
OF001606	erosion is undercutting pipe
OF001612	concrete spalling noticeably
OF001616	concrete deck broken up
OF001617	large sinkhole between road and outfall
OF001634	flared end deck rusted out
OF001651	one side of flared wall is broken same side of deck is cracking
OF001702	concrete pieces staggered and disconnected and strong smell of sewage
OF001857	pipe and flared end very rusted
OF002567	sizable tree growing in front of outfall
OF002631	ground collapsed 10 feet above outfall; hole is 1 foot deep

3.2 COMMERCIAL AND INDUSTRIAL FACILITY INSPECTIONS

Facility inspections were conducted by Versar field teams from December 6, 2011 to December 29, 2011. Seventeen of the 50 facilities were found not to be hotspots. A total of 25 facilities were found to be “potential” hotspots. The remaining seven businesses were graded as “confirmed” hotspots. Five businesses that were classified as “confirmed” hotspots were reported to Harford County between December 14 and December 22, 2011. Two other businesses that were classified as “potential” hotspots were reclassified as “confirmed” upon data review and were reported to Harford County on May 1, 2012. A table of completed facility inspection results and pollution sources identified appears in Table 3-9.

Table 3-9. Facility inspection results.

Parcel ID	Address	Town	Business Name	Date Inspected	Hotspot Status	Category						Issues identified
						Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/ Landscaping	SW Infra-structure	
01001663	904 Pulaski Highway	Joppa	Stone House Body Piercing	12/13/2011	Not			X	X			Open dumpsters.
01007726	Behind 706 Pulaski Highway	Joppa	Amrien Foods	12/6/2011	Not	X		X				Vehicles/trailers stored outside. Open dumpsters.
01007777	Behind 710 Pulaski Highway	Joppa	First Choice Automotive	12/6/2011	Potential	X	X	X	X			Cars being repaired, stored, and scrapped. Many types of materials/trash here, all types of car parts, scrap metal, and large cable. Oil staining on lot. Overflowing dumpsters.
01007963	908 Pine Road	Joppa	Banks Auto Wreckers	12/14/2011	Potential	X	X		X			Numerous vehicles (many junked) here to be scrapped/recycled. Car parts strewn across lot. Building and parking lot are damaged.
01013130	706 Pulaski Highway	Joppa	Joppa Pool and Spa Supply, County Fireplace	12/6/2011	Not			X	X			Overflowing dumpsters.
01018752	3913 Pulaski Highway	Abingdon	John Burdyks Karate School, House of Ink, apparent mobile home	12/16/2011	Potential	X			X			Karate school vehicle stored. Garbage on site. Some structures stained. Paved parking lot breaking up.
01020897	412 Edgewood Road	Edgewood	mostly vacant building	12/14/2011	Potential		X	X	X			Solid and liquid materials stored uncovered including construction materials, asphalt mix, and liquids. Overflowing dumpsters on site. Parking lot somewhat damaged.
01028456, 01047302	3612 B+O Road	Abingdon	auto repair business	12/16/2011	Confirmed	X	X	X	X			Fleet vehicles and vehicles being repaired. Outdoor fueling operations. Loading areas near storm drains with some staining. Car parts strewn around. Building dirty. Oil staining on lot.
01030078	1512 Edgewood Road	Edgewood	Stella May	12/29/2011	Confirmed	X	X	X	X			Loose materials piled next to stream bank, photo 0472. Vehicles stored outside. Uncovered outdoor fueling areas. Stone, gravel, and other construction materials stored in open. Open dumpsters.
01033468	816 Pulaski Highway	Joppa	Case-Mason	12/13/2011	Potential		X	X	X			Liquid materials stored outside in rusting containers. Dumpsters overflowing with garbage and construction materials.
01033476	800 Pulaski Highway	Joppa	Animal Care Center	12/13/2011	Not			X	X			Garbage on site.
01034731	206 Edgewood Road	Edgewood	A New Day Thrift Store	12/14/2011	Potential	X	X		X			Items that may be for sale or need repair, and a fuel oil container stored outside uncovered.
01038540	4401 Pulaski Highway	Belcamp	US Post Office, Love Stuff & More, abandoned house	12/16/2011	Not	X		X	X			Postal vehicles, but unknown if they are stored overnight. Oil stains on lot. Abandoned house on site.
01038648	505 Pulaski Highway	Joppa	Goings Auctioneers	12/6/2011	Not		X					Various items (probably for sale) outside, but under cover.
01038761	2104 Pulaski Highway	Edgewood	Touchless Automatic Car Wash	12/13/2011	Not	X			X			Cars washed here, but wastewater is contained.

Parcel ID	Address	Town	Business Name	Date Inspected	Hotspot Status	Category						Issues identified
						Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/Landscaping	SW Infra-structure	
01043404	3602 B+O Road	Abingdon	L&E Bustamante Concrete Co	12/16/2011	Not	X	X					Fleet vehicles stored outside. Pile of bricks.
01051997	1300 Pulaski Highway	Joppa	Kiethley Brothers Storage	12/7/2011	Not	X		X				One old tow truck stored on site. Some garbage on site. A pile of old tires. Lots of bare soil.
01055038	1520 Edgewood Road	Edgewood	unknown landscaping company	12/14/2011	Potential	X	X	X	X			Vehicles stored outside. Sand, gravel, and other construction materials stored uncovered. Overflowing dumpsters, and other trash and construction debris. Paved parking lot has pot holes.
01055445	902 Pulaski Highway	Joppa	P-Tow Motors	12/13/2011	Not	X			X			Towed vehicles stored. Minor breaking up of parking lot.
01055453	408 Pulaski Highway	Joppa	Charm City Kitchens, Roberson Saw+Tool Sharpening, RV Storage, Cell Tower	12/6/2011	Potential	X	X	X	X			Many RVs stored here. Materials stored outside include gravel, scrap metal, diesel and heating fuel. Open dumpsters and garbage on site.
01062697	609 Pulaski Highway	Joppa	Sullivans Garage	12/14/2011	Potential	X	X	X				Fleet vehicles stored outside. Containers and tires stored uncovered. Fuel oil tank lacks secondary containment. Garbage on site.
01064991	911 Pulaski Highway	Joppa	Chesaco RV	12/13/2011	Confirmed	X	X	X	X			Vehicles stored, maintained, and washed near storm drains. Tires stored on site. Overflowing dumpsters draining towards storm drains.
01065866	712 Philadelphia Rd	Joppa	Joseph L Winkler Co Inc	12/14/2011	Potential	X	X	X	X			Vehicles stored, repaired, and maintained on site. Liquid and solid materials stored, some are uncovered, but stormwater pond catches most runoff.
01074245	2106 Martin Lane	Edgewood	storage area-landscaping	12/13/2011	Potential		X	X		X		Construction materials stored uncovered. Overflowing dumpsters. Half of site is bare soil.
01079441	1912-1924 Pulaski Highway	Edgewood	Strip Mall, but a church is the only occupant	12/7/2011	Potential			X	X			Garbage on site. Dumpster is in poor condition, and near a storm drain. Building is stained, and in process of renovation. Middle section of building has been demolished. Parking lot is breaking up.
01083880	2209 Pulaski Highway	Edgewood	motet overflow parking lot and truck parking	12/13/2011	Potential	X		X		X		Various vehicles on lot. Open dumpsters and pile of trash. Ruts in gravel lot.
01088807	901 Philadelphia Rd	Joppa	Razorback Customs LLC	12/14/2011	Not			X	X			Garbage on site.
01089919	2901 Pulaski Highway	Edgewood	Mastertech Automotive	12/14/2011	Potential	X	X	X	X			Vehicles maintained and repaired. Materials (including rock salt, and heating oil) stored outside uncovered and with staining on concrete surfaces. Containers in poor condition and lacking secondary containment, but not near storm drain. Garbage on site. Runoff drainage goes past/through dumpster.

Table 3-9. (Continued)												
Parcel ID	Address	Town	Business Name	Date Inspected	Hotspot Status	Category						Issues identified
						Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/ Landscaping	SW Infra-structure	
01090305, 01159003	1109 Clayton Road	Joppa	Daves Tag and Title	12/7/2011	Not	X		X				Vehicles such as used cars, tractors and heavy equipment for sale and rent stored on site. Garbage on site.
01095048	1200 Pulaski Highway	Joppa	Appear to be just a house. No sign of a business	12/7/2011	Not							(House. Did not examine closely, but appears in good shape)
01095412	42 Fort Hoyle Road	Joppa	Susquehanna Concrete	12/16/2011	Potential		X	X	X			All types of cast concrete pipes with some staining. Barrel of oil marked and closed, but sitting out in open. Overflowing dumpsters. Building somewhat stained/dirty.
01098713	2210 Pulaski Highway	Edgewood	US Motors	12/13/2011	Potential	X	X	X	X			Dozens of used cars for sale. Tires and antifreeze stored outside. Garbage on site.
01098829	1200 Pauls Lane	Joppa	Intercon Truck Equipment	12/16/2011	Potential	X	X	X	X			Vehicles stored on site. Truck accessories stored on site uncovered. Overflowing dumpsters here. Parking lot breaking up.
01100912	404 Pulaski Highway											Investigated with 01055453
01103075	3210 Pulaski Highway	Edgewood	Otter Point Automotive	12/14/2011	Potential	X	X	X	X			Vehicles repaired and stored here. Materials stored outside including drums of liquid without secondary containment. Construction material debris. Parking lot has pot holes.
01119419	523 Pulaski Highway	Joppa	Rita's Italian ice, and a propane company	12/6/2011	Potential		X		X			Propane/gas tanks stored on site, uncovered, and without secondary containment. Not all have labels.
01157655	702 Pulaski Highway	Joppa	Goodyear Tires	12/6/2011	Not		X	X	X			Tires stored outside uncovered.
01157663	702 Pulaski Highway	Joppa	Steck Family Kitchen & Bath (but business looks closed)	12/15/2011	Not		X					Pile of bricks uncovered. Strange staining, but no apparent cause, see photo 0916
01170457	1954 Pulaski Highway	Edgewood	Empty lot next to medical office building	12/7/2011	Not							(Vacant lot. Nothing to note.)
01175696	2729 Pulaski Highway	Edgewood	Hoban's Welding	12/14/2011	Potential	X	X	X	X			Fleet vehicles, as well as campers stored on site. Car parts and gas cylinders stored without cover. Garbage and construction materials here. Dumpster in good condition but near a stream just off-site.
01181882	1305 Governor Court	Abingdon	DuClaw Brewery, Kunkel Auto, Same Day Express, etc.	12/13/2011	Confirmed	X	X	X	X		X	Fleet vehicles stored on site. Uncovered loading areas and material storage indirectly connected to storm drains. Liquid (beer) is leaking out of storage tank lacking secondary containment. Overflowing dumpsters.
01182064, 01093193	415 Pulaski Highway	Joppa	"Tower 10" cell tower construction company	12/6/2011	Potential	X	X	X	X			Fleet vehicles stored on site, also a limousine and a boat. Large amounts of materials for building cell phone towers stored uncovered. Open dumpsters near storm drain, but on-site stormwater pond.

Table 3-9. (Continued)												
Parcel ID	Address	Town	Business Name	Date Inspected	Hotspot Status	Category						Issues identified
						Vehicle Operations	Outdoor Materials	Waste Mgmt	Physical Plant	Turf/ Landscaping	SW Infra-structure	
01194011	1304 GOVERNOR CT And 1301 CONTINENTAL DR	Abingdon	many businesses in two buildings	12/16/2011	Potential	X	X	X	X			Fleet vehicles stored on site. Electric lift stored outside. Overflowing dumpsters with staining coming from some of them.
01207989	1202 Pauls Lane	Joppa	Auston Contracting	12/16/2011	Confirmed	X	X	X	X			Fleet vehicles stored outside, with some staining evident. Outdoor fueling here, but has secondary containment. Many types of materials including scrap metal and gravel stored here without cover (see photos.) Open dumpsters, garbage, and construction materials near storm drains. Parking lot stained. On-site stormwater pond.
01220462	706 Philadelphia Road	Joppa	JB Hunt Transport Inc Maintenance Facility	12/14/2011	Confirmed	X	X	X	X			Vehicles stored and maintained. Loading areas uncovered and near storm drains. Overflowing dumpsters near storm drains.
01226487	1305 Continental Drive	Abingdon	unknown- apparently vacant building	12/13/2011	Not				X			Loading areas uncovered, but building appears vacant.
01302361	1304 Business Center Way	Edgewood	Tectonic Distributing Inc	12/14/2011	Potential		X	X	X			Loading operations and material (scaffolding and metal wire) storage both are uncovered and near storm drains. Garbage on site.
01308688	121 Bata Boulevard	Belcamp	warehouse	12/29/2011	Potential	X	X	X	X			Vehicles stored outside. Propane tanks, scaffolding, and wooden pallets stored outside. Open dumpsters with stains near storm drain. Oil stains on parking lot.
01325760	End Of MILLENIUM DRIVE	Belcamp	construction storage area, possibly Clark Turner Construction	12/16/2011	Confirmed	X	X					Trash in and adjacent to stream. One derelict vehicle and several trailers stored on site. Many types of materials and trash (including unknown liquids) across whole parcel.
01327283	2201 Lakeside Boulevard	Edgewood	vacant building	12/14/2011	Potential		X	X	X			Overflowing dumpsters near storm drain inlet. Garbage and construction materials on site.

Versar field staff investigated three businesses that exhibited evidence of active pollution problems. The three businesses and site conditions are described in more detail below.

3.2.1 DuClaw Brewery, 1305 Governor Court, Abingdon, MD

Versar inspected the parcel on December 13, 2011. The parcel contained several businesses, but the entire parcel was evaluated. Field staff noted that a storage tank that appeared to be affiliated with DuClaw Brewery was leaking a substance that was tentatively identified as product (beer). Versar reported the hotspot to Harford County via e-mail on December 14, 2011. A secondary issue noted on the site was that the storm drain system did not have an outlet. Harford County visited the site on December 15, 2011 and spoke with business staff, who stated that the leaking tank was actually a garbage compactor. The County will follow up with the owner to determine whether the compactor is being used and whether it can be scrapped.



3.2.2 Clark-Turner Construction Yard, Millennium Drive, Abingdon, MD

Versar conducted an inspection of the parcel on December 16, 2011. Staff determined from materials stored on the parcel that it was owned and/or used by Clark Turner Construction as a materials storage or transfer area. A large volume of trash and construction materials were stored in the area, including at least one item resting in a stream. Among the materials found on the parcel were two large boat anchors, a derelict vehicle, and unknown liquids. Versar transmitted a report and photographs to Harford County on December 22, 2011.

3.2.3 Stella May Contracting, 1512 Edgewood Road, Edgewood, MD

Versar inspected this business on December 29, 2011. Among the several issues identified on the parcel (uncovered outdoor fueling areas; stone, gravel, and other construction materials stored in open; open dumpsters), field staff noted that there were materials stored adjacent to a drainage ditch that runs between the parcel and Edgewood Road. This business had been classified as a “potential” hotspot immediately after inspection, but was later reclassified as “confirmed” upon data sheet and photograph review. Versar sent a report to Harford County via e-mail on May 1, 2012.



4.0 CONCLUSIONS

During 2011, Harford County investigated 115 outfall locations to comply with the Illicit Discharge Monitoring Program and meet NPDES permit requirements. Successful field screening of 100 outfalls during 2011 yielded seven outfalls with a high potential for illicit connection based on the dry weather screening protocols. Source tracking, however, did not identify a probable source for any of the seven high-potential outfalls found. A total of 36 outfalls had dry weather flows and were tested for water quality indicators. Fifteen outfall locations identified in the GIS database were not found during field inspections. Inspections identified maintenance needs at 16 of the 100 outfalls.

Harford County conducted hotspot investigations of 50 commercial and industrial facilities in the Edgewood, Joppatowne, and Abingdon communities within the permit jurisdiction. Seven confirmed hotspots, including three parcels with active pollution problems, were identified.

5.0 REFERENCES

- Baltimore County. 2007. National Pollutant Discharge Elimination System (NPDES) Annual Report. Section 5 - Illicit Connections Program. Baltimore County, Maryland.
- Brown, E., D. Caraco, and R. Pitt. 2004. Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessments. Center for Watershed Protection, Ellicott City, MD. October.
- Versar, Inc. 2010. Harford County Illicit Discharge Monitoring Program: Site Selection, Screening, and Quality Assurance Protocols. Prepared by Versar, Inc. for Harford County Department of Public Works, Division of Highways and Water Resources, Bel Air, MD. November.
- Wright, T., C. Swann, K. Cappiella, and T. Schueler. 2005. Unified Subwatershed and Site Reconnaissance: A User's Manual, Version 2.0. Center for Watershed Protection, Ellicott City, MD. February.

APPENDIX A
OUTFALLS SCREENED DURING 2011

Table A-1. Harford County outfalls screened, 2011

Outfall ID	Initial Inspection Date	Coordinates (NAD83 State Plane feet)		Outfall ID	Initial Inspection Date	Coordinates (NAD83 State Plane feet)	
		Northing	Easting			Northing	Easting
OF000061	11/28/2011	684254.67	1504620.08	OF001564	11/28/2011	682674.96	1502956.57
OF000086	11/28/2011	681816.39	1503893.84	OF001565	11/28/2011	682484.74	1501975.22
OF000087	11/28/2011	681744.99	1503666.23	OF001569	11/28/2011	680652.22	1503552.82
OF000089	12/1/2011	680779.62	1509403.83	OF001570	11/25/2011	682965.71	1503534.10
OF000091	12/13/2011	680989.01	1507659.24	OF001571	11/25/2011	682979.05	1503311.26
OF000092	12/12/2011	681698.41	1507952.04	OF001573	11/28/2011	683978.64	1503883.07
OF000098	11/7/2011	673009.84	1495383.38	OF001575	11/28/2011	681636.17	1503184.70
OF000110	12/2/2011	682290.18	1510299.73	OF001581	12/12/2011	680177.61	1506719.31
OF000111	12/2/2011	681771.57	1510667.88	OF001582	12/12/2011	680354.47	1506684.14
OF000112	12/5/2011	681647.98	1511212.00	OF001583	12/13/2011	680750.95	1507145.53
OF000119	11/3/2011	664192.58	1486571.82	OF001586	12/1/2011	680529.58	1509256.24
OF000165	12/30/2011	660707.66	1540762.38	OF001587	12/1/2011	680248.22	1509064.41
OF000167	12/30/2011	660584.69	1540245.98	OF001606	3/7/2012	677341.80	1500230.39
OF000211	12/19/2011	644905.18	1501856.60	OF001607	11/18/2011	676791.24	1501239.98
OF000297	11/3/2011	690937.24	1489919.37	OF001612	11/25/2011	677128.78	1502033.39
OF000302	12/14/2011	658330.60	1505979.69	OF001616	12/5/2011	676278.70	1503982.40
OF000390	12/14/2011	657062.24	1506059.92	OF001617	12/5/2011	678851.28	1503860.04
OF000394	12/16/2011	653862.32	1507651.62	OF001627	12/5/2011	676463.43	1504714.04
OF000414	12/2/2011	683672.07	1508365.51	OF001634	12/14/2011	679985.66	1505471.35
OF000416	12/2/2011	683762.38	1508259.75	OF001635	12/12/2011	680047.16	1506468.04
OF000595	12/19/2011	639673.69	1491860.18	OF001638	12/12/2011	678660.10	1506820.43
OF000597	12/19/2011	638314.06	1490593.39	OF001645	12/9/2011	678444.36	1507942.15
OF000600	12/16/2011	653945.56	1505830.83	OF001648	12/9/2011	678957.91	1507846.07
OF000610	12/30/2011	660881.07	1539394.30	OF001649	12/9/2011	678907.83	1507923.95
OF000629	11/3/2011	690903.25	1490169.82	OF001650	12/12/2011	680015.63	1507467.87
OF000636	12/13/2011	653404.42	1524557.76	OF001651	12/12/2011	679367.86	1508442.76
OF000689	11/8/2011	672368.33	1502822.40	OF001652	12/12/2011	679316.89	1508312.13
OF000690	11/8/2011	671975.63	1506098.22	OF001653	12/12/2011	679545.07	1508680.42
OF000691	11/9/2011	671650.72	1506341.79	OF001657	12/9/2011	679110.57	1508250.05
OF000959	11/3/2011	698061.34	1487372.26	OF001658	12/1/2011	679924.65	1509021.34
OF001180	11/9/2011	689906.97	1489591.78	OF001659	12/1/2011	679879.11	1509101.91
OF001183	11/9/2011	689377.38	1489808.70	OF001674	11/7/2011	675694.54	1493714.95
OF001190	11/2/2011	688083.26	1491721.03	OF001675	11/7/2011	675762.75	1493800.87
OF001224	11/2/2011	692614.14	1493673.32	OF001677	11/7/2011	672879.83	1495312.53
OF001228	11/2/2011	693189.50	1493523.40	OF001678	11/7/2011	673044.46	1495327.90
OF001239	11/2/2011	688803.70	1496994.19	OF001695	11/18/2011	675655.07	1501186.43
OF001240	11/2/2011	688852.41	1497041.75	OF001698	11/18/2011	674724.44	1502615.99
OF001307	12/2/2011	686234.10	1509386.42	OF001702	11/9/2011	673650.95	1502649.31
OF001514	11/3/2011	676688.19	1481095.98	OF001722	11/7/2011	675493.66	1493490.81

Table A-1. (Continued)

Outfall ID	Initial Inspection Date	Coordinates (NAD83 State Plane feet)		Outfall ID	Initial Inspection Date	Coordinates (NAD83 State Plane feet)	
		Northing	Easting			Northing	Easting
OF001738	12/5/2011	681616.04	1510916.71	OF002164	12/14/2011	656888.25	1503919.23
OF001739	12/5/2011	682040.01	1510383.48	OF002166	12/16/2011	656424.17	1504866.38
OF001740	12/30/2011	681128.78	1515637.39	OF002168	12/16/2011	656420.68	1504115.24
OF001771	1/5/2012	678520.92	1554114.67	OF002201	12/16/2011	655582.83	1505309.19
OF001816	11/4/2011	664884.97	1488871.05	OF002205	12/16/2011	653905.28	1507317.38
OF001824	11/7/2011	660638.67	1482086.40	OF002337	12/19/2011	644724.09	1506999.34
OF001836	11/4/2011	662401.43	1489022.17	OF002512	12/19/2011	634354.00	1498674.20
OF001856	11/7/2011	671685.58	1493648.43	OF002518	12/19/2011	633830.51	1501539.20
OF001857	11/7/2011	671695.35	1493735.86	OF002560	11/4/2011	665092.19	1486914.34
OF001935	11/7/2011	671444.15	1502849.99	OF002567	12/2/2011	684341.87	1509873.19
OF001952	11/4/2011	666079.49	1492478.41	OF002568	12/13/2011	656842.14	1537368.87
OF001987	11/9/2011	671173.70	1506147.53	OF002586	12/16/2011	648801.69	1507059.44
OF002070	12/29/2011	661174.52	1539846.76	OF002631	11/2/2011	691450.27	1496326.37
OF002072	12/30/2011	660496.24	1536888.64	OF002714	12/19/2011	645407.68	1491307.56
OF002075	12/30/2011	660900.44	1537690.42	OF002778	12/2/2011	677426.56	1509190.33
OF002077	12/29/2011	661272.28	1540559.01	OF002779	12/1/2011	678588.63	1510357.01
OF002079	12/29/2011	662475.38	1540409.16	OF002781	12/1/2011	678742.93	1510323.96
OF002081	12/29/2011	662502.35	1539982.93	OF002782	12/1/2011	678677.86	1510287.90

**APPENDIX B
DATA SHEETS
FOR DRY WEATHER SCREENING**

ILLICIT DISCHARGE INSPECTION FORM
 HARFORD COUNTY, MARYLAND
 (PAGE 1 OF 2)

Outfall ID:		Watershed Name:	
Initial Assessment			
Date:		Time:	
Inspectors:		Date of Last Rain:	
Air Temperature (°C):		Rainfall Amount (in.):	
Is flow observed?	Yes No	<i>(if present, complete page 2 and a follow-up assessment)</i>	
Outfall Description			
Type:		Height:	
Shape:		Width:	
Material:		Additional components <i>(circle applicable)</i> :	end wall wing walls flared end concrete deck pipes manhole
Outfall Location			
GPS northing:		General land use <i>(circle one)</i> :	Rural Residential Urban
GPS easting:			11 - Low Density 12 - Medium Density
GPS unit:		Maryland Dept. of Planning land use designation <i>(circle one)</i> :	13 - High Density 14 - Commercial
			15 - Industrial 16 - Institutional
Photo ID's:		Nearby address / intersection / utility pole:	18 - Urban Open Space
Structural Conditions <i>(circle one)</i>			
	None	Moderate	Severe
Recommend referral for repair: Yes No			
Other comments:			
Other Outfall Conditions <i>(circle one)</i>			
	None	Moderate	Severe
Erosion at outfall:			
Outfall submergence (in):			
Other comments:			
Vegetative Condition Below Outfall <i>(circle one)</i>			
	Normal growth (natural environment)	Excessive growth	Inhibited growth
Other comments:			
Deposits / Stains / Algal Growth <i>(circle applicable)</i>			
	None	Oily	Excessive algal growth
	Sediment	Other (describe below)	Excessive bacterial growth
Other comments:			
Field Notes / Visual Observances			

ILLCIT DISCHARGE INSPECTION FORM
 HARFORD COUNTY, MARYLAND
 (PAGE 2 OF 2)

Outfall ID:		Watershed Name:	
Initial Assessment		Follow-up Assessment (typically within 24 hours)	
<i>(Same as information from Page 1 of 2)</i>		<i>(Do not complete if no flow is observed)</i>	
Date:		Date:	
Time:		Time:	
Inspectors:		Inspectors:	
Date of Last Rain:		Date of Last Rain:	
Rainfall Amount (in.):		Rainfall Amount (in.):	
Air Temperature (°C):		Air Temperature (°C):	
Dry-Weather Flow Information			
Estimated Flow rate: Trickle Moderate Substantial			
Measurable Flow rate (cfs or liters/min): <i>(Q = area X velocity in ft per second)</i>		Measurable Flow rate (cfs): <i>(Q = area X velocity in ft per second)</i>	
Flow depth (inches):		Flow depth (inches):	
Water Quality - Visual and Smell Indicators			
Water color:	clear brown gray green yellow red	Water color:	clear brown gray green yellow red
Other:		Other:	
Clarity / turbidity:	clear cloudy opaque	Clarity / turbidity:	clear cloudy opaque
Other:		Other:	
Floatables:	none oil sheen trash toilet paper fecal matter	Floatables:	none oil sheen trash toilet paper fecal matter
Other debris:		Other debris:	
Detergents / surfactants:	none suds/bubbles	Detergents / surfactants:	none suds/bubbles
Color:		Color:	
Odor:	none sewage chlorine oil/gas rancid-sour sulfur/rotten eggs	Odor:	none sewage chlorine oil/gas rancid-sour sulfur/rotten eggs
Other:		Other:	
Field Measurements			
Parameter (Units / Detection Limit)	Measured Value:	Parameter (Units / Detection Limit)	Measured Value:
<i>(Lamotte meter)</i>		<i>(Lamotte meter)</i>	
Turbidity (0-400 FTU / 0):		Turbidity (0-400 FTU / 0):	
Color (0-1000 color units / 0):		Color (0-1000 color units / 0):	
Phenols (0.00-6.00 ppm / 0):		Phenols (0.00-6.00 ppm / 0):	
Copper (0-6.00 ppm / 0):		Copper (0-6.00 ppm / 0):	
Detergents/surfactants (0.5-8.0 ppm / 0.5):		Detergents/surfactants (0.5-8.0 ppm / 0.5):	
Residual chlorine (0.00-4.00 ppm / 0):		Residual chlorine (0.00-4.00 ppm / 0):	
<i>(Oakton meter)</i>		<i>(Oakton meter)</i>	
DO (0.01-15.0 mg/L / 0.01):		DO (0.01-15.0 mg/L / 0.01):	
Temperature, H ₂ O (0-50° Celsius / 0.1):		Temperature, H ₂ O (0-50° Celsius / 0.1):	
pH (0.01-15.00 pH units / 0.01):		pH (0.01-15.00 pH units / 0.01):	
<i>(YSI meter)</i>		<i>(YSI meter)</i>	
Conductivity (uS/cm/10 ⁶):		Conductivity (uS/cm/10 ⁶):	
Additional Field Notes / Visual Observances			

HARFORD COUNTY, MD – DRY WEATHER DISCHARGE TRACK DOWN

Subwatershed:	Outfall ID:
Date (MM/DD/YY): ___ / ___ / 20 ___	Track Down Method: <input type="checkbox"/> Move up trunk <input type="checkbox"/> Split trunk
Investigators:	<i>New Branch Series, Starting with Junction:</i>
ADC Map Page/Grid: ___ / ___	Structure ID:
	Structure Type: __ __

Structure ID	Structure Type <small>M - Manhole CI - Curb Inlet YD- Yard Drain Other: _____</small>	Time Visited	Flow (Y/N)	Analyte:		Comments <small>(If junction, fill out new sheet for each branch of network)</small>
				Concentration <small>(Units: _____)</small>	Concentration <small>(Units: _____)</small>	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						

Stormdrain Network: Plan View Diagram (for Split Trunk or New Branch Series)



Suspected Outfall Source:	<input type="checkbox"/> Trace Lost <input type="checkbox"/> Unknown Parcel ID Number: _____
Suspected Source Type:	<input type="checkbox"/> Tap Water <input type="checkbox"/> Sewage <input type="checkbox"/> Wash Water <input type="checkbox"/> Industrial <input type="checkbox"/> Unknown
Comment on Suspected Source:	

APPENDIX C
DATA SHEETS
FOR FACILITY INSPECTIONS

Hotspot Site Investigation



WATERSHED:		SUBWATERSHED:		UNIQUE SITE ID:	
DATE: ___/___/___		ASSESSED BY:		CAMERA ID:	
MAP GRID:		LAT ___° ___' ___" LONG ___° ___' ___"		PIK#:	
				LMK#	
A. SITE DATA AND BASIC CLASSIFICATION					
Name and Address: _____		Category: <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Miscellaneous			
_____		<input type="checkbox"/> Institutional <input type="checkbox"/> Municipal <input type="checkbox"/> Golf Course			
_____		<input type="checkbox"/> Transport-Related <input type="checkbox"/> Marina <input type="checkbox"/> Animal Facility			
SIC code (if available): _____		Basic Description of Operation: _____			
NPDES Status: <input type="checkbox"/> Regulated				INDEX*	
<input type="checkbox"/> Unregulated <input type="checkbox"/> Unknown					
B. VEHICLE OPERATIONS <input type="checkbox"/> N/A (Skip to part C)				Observed Pollution Source? <input type="checkbox"/>	
B1. Types of vehicles: <input type="checkbox"/> Fleet vehicles <input type="checkbox"/> School buses <input type="checkbox"/> Other: _____					
B2. Approximate number of vehicles: _____					
B3. Vehicle activities (circle all that apply): Maintained <input type="checkbox"/> Repaired <input type="checkbox"/> Recycled <input type="checkbox"/> Fueled <input type="checkbox"/> Washed <input type="checkbox"/> Stored <input type="checkbox"/>					
B4. Are vehicles stored and/or repaired outside? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
Are these vehicles lacking runoff diversion methods? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
B5. Is there evidence of spills/leakage from vehicles? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
B6. Are uncovered outdoor fueling areas present? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
B7. Are fueling areas directly connected to storm drains? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
B8. Are vehicles washed outdoors? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
Does the area where vehicles are washed discharge to the storm drain? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C. OUTDOOR MATERIALS <input type="checkbox"/> N/A (Skip to part D)				Observed Pollution Source? <input type="checkbox"/>	
C1. Are loading/unloading operations present? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
If yes, are they uncovered and draining towards a storm drain inlet? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C2. Are materials stored outside? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell If yes, are they <input type="checkbox"/> Liquid <input type="checkbox"/> Solid Description: _____					
Where are they stored? <input type="checkbox"/> grass/dirt area <input type="checkbox"/> concrete/asphalt <input type="checkbox"/> bermed area					
C3. Is the storage area directly or indirectly connected to storm drain (circle one)? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C4. Is staining or discoloration around the area visible? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C5. Does outdoor storage area lack a cover? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C6. Are liquid materials stored without secondary containment? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C7. Are storage containers missing labels or in poor condition (rusting)? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
D. WASTE MANAGEMENT <input type="checkbox"/> N/A (Skip to part E)				Observed Pollution Source? <input type="checkbox"/>	
D1. Type of waste (check all that apply): <input type="checkbox"/> Garbage <input type="checkbox"/> Construction materials <input type="checkbox"/> Hazardous materials					
D2. Dumpster condition (check all that apply): <input type="checkbox"/> No cover/Lid is open <input type="checkbox"/> Damaged/poor condition <input type="checkbox"/> Leaking or evidence of leakage (stains on ground) <input type="checkbox"/> Overflowing					
D3. Is the dumpster located near a storm drain inlet? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
If yes, are runoff diversion methods (berms, curbs) lacking? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
E. PHYSICAL PLANT <input type="checkbox"/> N/A (Skip to part F)				Observed Pollution Source? <input type="checkbox"/>	
E1. Building: Approximate age: _____ yrs. Condition of surfaces: <input type="checkbox"/> Clean <input type="checkbox"/> Stained <input type="checkbox"/> Dirty <input type="checkbox"/> Damaged					
Evidence that maintenance results in discharge to storm drains (staining/discoloration)? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Don't know					

*Index: ○ denotes potential pollution source; denotes confirmed polluter (evidence was seen)

APPENDIX D
MAP OF OUTFALLS SCREENED
DURING 2011

APPENDIX E
MAPS OF FACILITIES INSPECTED
DURING 2011



Figure E-2. Facilities inspected in Joppatowne area (Middle), 2011.



Figure E-3. Facilities inspected in Joppatowne area (East), 2011.

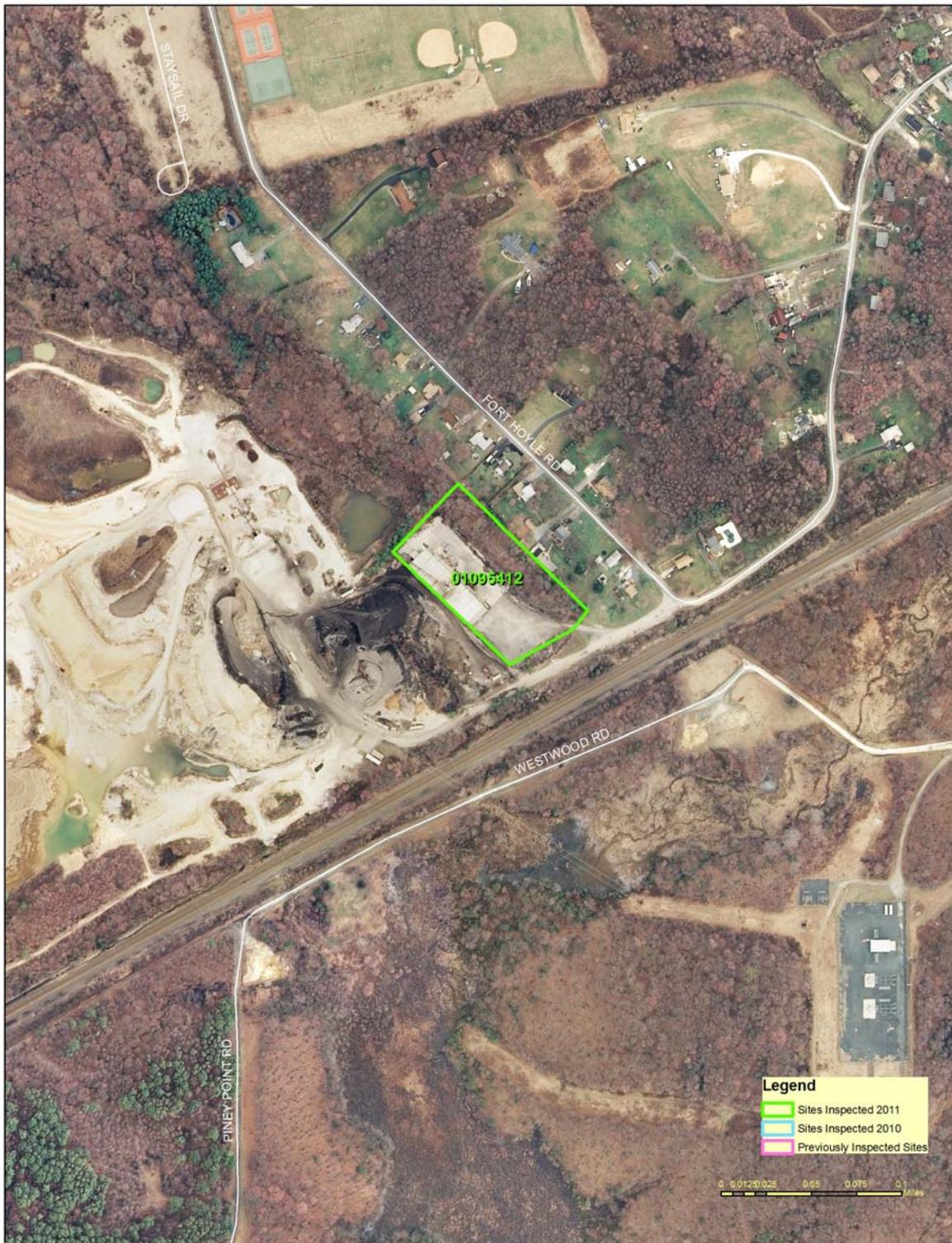


Figure E-4. Facility inspected in Joppatowne area (South), 2011.



Figure E-5. Facilities inspected in Abingdon area (West), 2011.

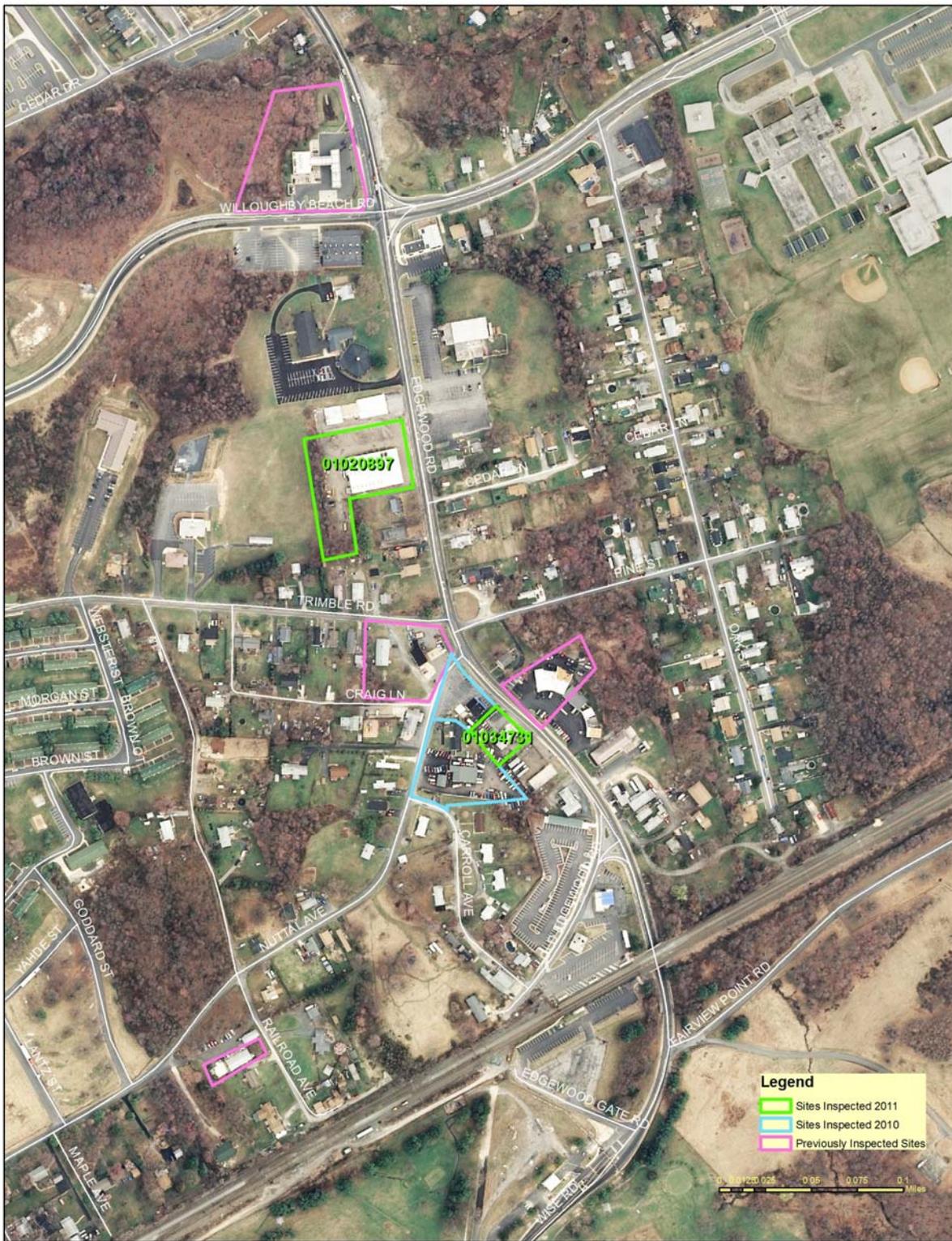


Figure E-7. Facilities inspected in Edgewood area, 2011

LOCAL EMERGENCY PLANNING COMMITTEE
Monthly Meeting -- April 20, 2011
3:00 p.m. -- Harford County Emergency Operations Center

Minutes from the last meeting are as follows. (Completed with notes)

Call to Order by Richard Schwanke, Chair of the LEPC 3:01 p.m

Minutes from March 2011 meeting approved with amendments.

Report of Incidents – Mary Moses, SARA Title III, Supervisor

See enclosed report.

SARA Title III – Mary Moses, SARA Title III, Supervisor

Currently 162 out of 165 or 98% compliant.

Emergency Management Update – No Report

Hazmat Team Report – Mary Moses, SARA Title III Supervisor

Air Monitoring Drill with Urban Area Security Initiative Hazmat Group during Preakness.

Members will be attending IAFC Hazmat Conference in Baltimore in May.

Hearing -Citrus and Allied

On March 8, 2011 the Harford County Hazardous Materials Response Team was dispatched to a chemical spill at Citrus and Allied, 4620 Mercedes Drive, Belcamp, MD 21017. The spill involved a Tote of Xylenes which was knocked over in a stacking operation. The container being stacked was larger than the supporting containers. The container fell off of the stack and hit a detachable wall creating a spill of product inside and outside of the facility. Hazmat was notified and responded for entry and air monitoring. Clean-up contractors were called to the scene and completed the required cleaning and disposal procedures. An investigation of the incident classified the incident as a discharge resulting from a lack of proper training and procedures associated with the storage, containment, use or transport of a hazardous substance. A Notice of Violation was issued which required a \$100.00 fine and a hearing before the LEPC.

Mr. Elliott Kleinman, manager of Citrus and Allied appeared before the LEPC and concurred with the findings. Mr. Kleinman provided proof of retraining and modifications to safety procedures that should prevent a reoccurrence of this type of incident. After a short discussion on proper containment the LEPC approved all actions. Citrus and Allied has met all requirements of the Notice of Violation with the exception of paying response costs. That billing is in progress.

Old Business

The LEPC discussed the grant plan for the 2011 Right to Know Grant, there is \$1000 remaining from the 2010 grant that will be utilized to support the Household Hazardous Waste Day.

In March the LEPC will discuss utilizing \$4000 from the 2011 Right to Know Grant to provide Scholarships to personnel needing to complete the Underground Tank Operations Course. This training has to be completed by August 2012. The LEPC discussed a potential situation that may reduce the amount available in the 2011 Right to Know Grant. Updates will be provided in April.

New Business

The annual plan review is due in July, volunteers for the review committee were requested, with no one present volunteering. The issue was tabled until April.

There was a discussion on Mercury incidents.

Volunteers for the Household Hazardous Waste Collection should contact Mary Moses with their lunch order.

The LEPC discussed the prescription drug collection on April 30, 2011.

Agenda Items- Household Hazardous Waste Collection Day May 7th, 2011.

The next meeting of the Harford County Local Emergency Planning Committee will be at 3:00 p.m on Wednesday May 18, 2011 at the Harford County Emergency Operations Center.

This document is available in an alternate format upon requests. Contact, Mary Moses (410) 638-4904.

Public Service Announcement

Harford County Government Bureau of Water Resources encourages County residents to help protect our streams, rivers, lakes, reservoirs, ponds and wetlands by reporting stormwater pollution at 410.638.3400. Stormwater pollution includes the spill of any type of material, illegal dumping and sediment that could enter a stormdrain or stream during a rain storm. With your help, we can make sure our water resources and Maryland treasure, the Chesapeake Bay, will be around for future generations to enjoy.

Harford County - Commerical and Industrial Site Visits
1/1/2009 through 12/31/2011

Tax_id:	01020900	OWN_1:	T&M Construction
Business:		OWN_2:	
Location:		OWN_AD_1:	1304 Business Center Way
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Edgewood
		OWN_STATE:	Md
		OWN_Z_1:	21040
		LEGAL_2:	412 Edgewood Road
		P_CITY:	Edgewood
		P_Z_1:	21040

12/14/2011	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	potential, vacant building, construction material		
Action:			

Tax_id:	03194396	OWN_1:	Stonewall Property Group LLC
Business:	1313-1315 Robin Circle	OWN_2:	
Location:	Forest Hill	OWN_AD_1:	206 S. Hays Street
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	BelAir
		OWN_STATE:	Md
		OWN_Z_1:	21014
		LEGAL_2:	1313-1315 Robin Circle
		P_CITY:	Forest Hill
		P_Z_1:	21050

12/6/2011	Closed -	Contact: Tara Vinson P&Z	Inspector: Lewis, Deborah
Notes:	P&Z will investigate		
Action:			

12/5/2011	Follow-Up -	Contact: Planning and Zoning	Inspector: Lewis, Deborah
Notes:	spoke with P&Z about inspection and enforcement		
Action:			

12/5/2011 Follow-Up - Site Visit Contact: Jeff Beavers Inspector: Lewis, Deborah
Notes: sofa removed . Tile needs to be organize
Action: speak with P&Z

10/4/2011 Follow-Up - Phone Call Contact: Jeff Beavers Inspector: Lewis, Deborah
Notes: met with Jeff Beavers to address site issues
Action:

9/13/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: Sent letter requesting site visit with company rep
Action:

8/23/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: drums removed no other corrective action implemented
Action:

8/16/2011 Follow-Up - Email Contact: Dave Reedy Inspector: Lewis, Deborah
Notes: Party place removed drums
Action:

8/4/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: drums, debris, tile
Action: mail certified letter

12/30/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: vehicle operations, outdoor materials,waste management
Action:

Tax_id: 01046667
Business: 360 Custom Detiling Shop
Location: 901 Pulaski Highway
Business Owner: Francis Holder
Phone Number: 410.676.9360

OWN_1: HOLTER FRANCIS L
OWN_2: DIXON JOANNE M
OWN_AD_1: 817 PULASKI HWY
OWN_AD_2:
OWN_CITY: JOPPA
OWN_STATE: MD
OWN_Z_1: 21085
LEGAL_2: 901 PULASKI HIGHWAY
P_CITY: JOPPA
P_Z_1: 21085

8/31/2009 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: site visit okay

Action:

8/18/2009 Intial - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: powerwashing

Action:

Tax_id: 01005928
Business: 3-D Storage LLC
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: 3-D Properties LLC
OWN_2:
OWN_AD_1: 731 Baltimore Pike
OWN_AD_2:
OWN_CITY: Bel Air
OWN_STATE: Md
OWN_Z_1: 21014
LEGAL_2: 2702 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

5/26/2010 Compliance - Site Visit Contact: None
Notes: okay . Will mail public education info.
Action:

Inspector: Lewis, Deborah

9/15/2009 Intial - Site Visit Contact: None
Notes: Could not inspect rear area.
Action: Not an hotspot

Inspector: EA Engineering

Tax_id: 01105264
Business: 7- Eleven Store (3901 Pulaski Highway)
Location:
Business Owner:
Phone Number:

OWN_1: LLOYD PROPERTIES LLC
OWN_2:
OWN_AD_1: C/O SEL PROPERTIES MANAGEMENT
OWN_AD_2: PO BOX 230
OWN_CITY: JARRETTSVILLE
OWN_STATE: MD
OWN_Z_1: 21084
LEGAL_2: 3901 PULASKI HIGHWAY
P_CITY: ABINGDON
P_Z_1: 21009

6/2/2010 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: mailed public education information and COMAR Title 26
Action:

9/18/2009 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: site visit dumpster okay, has oil spill control material
Action:

1/12/2009

Intial - Site Visit

Contact: None

Inspector: EA Engineering

Notes: fuel stains connected to storm drain, leaky dumpster

Action:

Tax_id:	01089072	OWN_1:	7-ELEVEN INC
Business:	7- Eleven Store (504 Edgewood Road)	OWN_2:	
Location:		OWN_AD_1:	2711 N HASKELL AVE
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	DALLAS
		OWN_STATE:	TX
		OWN_Z_1:	75204
		LEGAL_2:	504 EDGEWOOD ROAD
		P_CITY:	EDGEWOOD
		P_Z_1:	21040

6/2/2010	Compliance - Letter	Contact: None	Inspector: Lewis, Deborah
Notes:	Mailed public education information and COMAR Title 26.		
Action:			

10/1/2009	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	site visit dumpster no longer leaking		
Action:			

9/18/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah

Notes: site visit leaky dumpster,has oil spill control material mail letter

Action:

Tax_id:	01061240	OWN_1:	7-Eleven, Inc.
Business:	7-Eleven (Abingdon)	OWN_2:	
Location:	Abingdon	OWN_AD_1:	1722 Routh Street, Ste 1000
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Dallas
		OWN_STATE:	Tx
		OWN_Z_1:	75201
		LEGAL_2:	1402 Abingdon Road
		P_CITY:	Abingdon
		P_Z_1:	21009

6/2/2010 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah

Notes: Mailed public education information and COMAR Title 26.

Action:

Tax_id: 03061329
Business: 7-Eleven (Bynum Road)
Location: Forest Hill
Business Owner:
Phone Number:

OWN_1: Shooster Herman Trustee
OWN_2: Shooster Dorothy Trustee
OWN_AD_1: 7-Eleven Tax Dept. #11634
OWN_AD_2: P.O. Box 711
OWN_CITY: Dallas
OWN_STATE: Tx
OWN_Z_1: 75221
LEGAL_2: 5 Bynum Road
P_CITY: Forest Hill
P_Z_1: 21050

6/2/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: Mailed public information and COMAR Title 26.

Action:

Tax_id:	01332872	OWN_1:	CarlRiver LLC
Business:	7-Eleven (James Way)	OWN_2:	
Location:	Bel Air	OWN_AD_1:	P.O Box 1607
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Bel Air
		OWN_STATE:	Md
		OWN_Z_1:	21014
		LEGAL_2:	1345 James Way
		P_CITY:	Bel Air
		P_Z_1:	21015

6/2/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Mailed public information and COMAR 26.		
Action:			

Tax_id: 04041976
Business: 7-Eleven (Pleasantville)
Location: Fallston
Business Owner:
Phone Number:

OWN_1: Stanley Lloyd
OWN_2:
OWN_AD_1: c/o Tax Dept. No. 22281
OWN_AD_2: P.O. Box 711
OWN_CITY: Dallas
OWN_STATE: Tx
OWN_Z_1: 75221
LEGAL_2: 2400 Pleasantville Road
P_CITY: Fallston
P_Z_1: 21047

6/2/2010 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Mailed public education information and COMAR Title 26.
Action:

Tax_id:	01043056	OWN_1:	SOUTHLAND CORPORATION THE
Business:	7-Eleven Store (Gateway)	OWN_2:	
Location:	1020 Gateway Drive	OWN_AD_1:	PO BOX 711
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	DALLAS
		OWN_STATE:	TX
		OWN_Z_1:	75221
		LEGAL_2:	1020 GATEWAY DRIVE
		P_CITY:	EDGEWOOD
		P_Z_1:	21040

6/2/2010	Compliance - Letter	Contact: None	Inspector: Lewis, Deborah
Notes:	Mailed public education information and COMAR Title 26.		
Action:			

10/23/2009	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	site visit okay		
Action:			

10/2/2009 Follow-Up - Phone Call Contact: None Inspector: Lewis, Deborah
Notes: received phone call from Ahmeed Khan 301.793.2395, oil spill kit ordered, in mean time will get from other store
Action:

10/1/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: visited store and talked with manager Malik, 410.676.4585, will call when oil spill clean-up kit comes in
Action:

9/28/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: site visit manager not available will call on October 1, 2009
Action:

9/16/2009 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: letter mailed
Action:

9/16/2009 Follow-Up - Site Visit Contact: None
Notes: site visit, no oil spill clean-up kit onsite
Action:

Inspector: Lewis, Deborah

Tax_id: 01206451
Business: Abdoulie Jobe Used Cars
Location: 1434 Saint Michaels Ct
Business Owner:
Phone Number:

OWN_1: 1434 Abdoulie Jobe
OWN_2:
OWN_AD_1: 1434 saint Michaels Ct.
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 1434 Saint Michaels Ct.
P_CITY: Edgewood
P_Z_1: 21040

9/16/2009 Compliance - Site Visit Contact: None
Notes:
Action:

Inspector: EA Engineering

Tax_id: 01178504

Business: Abingdon Deli

Location: Abingdon

Business Owner:

Phone Number:

OWN_1: John W. Spencer

OWN_2:

OWN_AD_1: P.O. Box 427

OWN_AD_2:

OWN_CITY: Abingdon

OWN_STATE: Md

OWN_Z_1: 21009

LEGAL_2: 1317 Abingdon Road

P_CITY: Abingdon

P_Z_1: 21009

8/3/2011 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: okay

Action:

12/16/2010 Intial - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Potential, vehicle operations,outdoor materials,waste mgmt,physical plant,

Action:

Tax_id: 01230786
Business: Abingdon Station
Location: Abingdon
Business Owner:
Phone Number: 410.937.4893

OWN_1: Parker Properties LLC
OWN_2:
OWN_AD_1: 11450 Pulaski Highway
OWN_AD_2:
OWN_CITY: White Marsh
OWN_STATE: Md
OWN_Z_1: 21162
LEGAL_2: 3709 Pulaski Highway
P_CITY: Abingdon
P_Z_1: 21009

6/16/2011 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: corrective actions implemented

Action: mailed letter 6/20/2011

6/6/2011 Follow-Up - Phone Call Contact: None

Inspector: Lewis, Deborah

Notes: spoke with Kim Burns about enclosing grease pits inside a container will investigate

Action:

6/2/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: no corrective action will mail letter again
Action:

3/17/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: certified letter mailed
Action:

3/16/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: dumpster near storm drain , must keep close and not leak, inform restaurant must keep grease pits closed, outdoor storage area adjacent to SWM approved by HC
Action: Will mail letter to property contact owner, contacted Health Department about open grease pit they will follow-up

12/22/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: dumpster placed near storm drain, outdoor storage area directly connected to storm drain
Action:

Tax_id: 05054060
Business: Ace Appliance Repair
Location: 3804 Prospect Road
Business Owner:
Phone Number:

OWN_1:
OWN_2:
OWN_AD_1:
OWN_AD_2:
OWN_CITY:
OWN_STATE:
OWN_Z_1:
LEGAL_2:
P_CITY:
P_Z_1:

5/20/2009 Closed - Contact: None Inspector:
Notes: contact Sherwood concessions who leases the property, begin to communicate with this company
Action:

2/5/2009 Follow-Up - Contact: None Inspector:
Notes: unresponsive, the property owner will not respond to certified mail, repeated phone calls and site visits where I left information with tenants .
Action:

Tax_id: 06002129
Business: Adam's Chevrolet
Location: 1517 Pulaski Highway
Business Owner: Todd Adams
Phone Number: 410.939.2255

OWN_1: ADAMS RONALD J
OWN_2: ADAMS BEVERLY T
OWN_AD_1: 601 WHITAKER MILL RD
OWN_AD_2:
OWN_CITY: JOPPA
OWN_STATE: MD
OWN_Z_1: 21085
LEGAL_2: 1517 PULASKI HIGHWAY
P_CITY: HAVRE DE GRACE
P_Z_1: 21078

3/17/2009 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: site visit in compliance

Action:

Tax_id:	01039652	OWN_1:	JSG Investments LLC
Business:	Admiral Pools	OWN_2:	
Location:	Edgewood	OWN_AD_1:	2229 Gelding Way
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Bel Air
		OWN_STATE:	Md
		OWN_Z_1:	21015
		LEGAL_2:	1010 Edgewood Road
		P_CITY:	Edgewood
		P_Z_1:	21040

4/4/2011	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	dumpster closed		
Action:			

12/22/2010	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	open dumpster		
Action:			

Tax_id:	01042424	OWN_1:	Mars Woodbridge Center, Inc.
Business:	Advanced Auto Parts	OWN_2:	
Location:	Edgewood	OWN_AD_1:	6721 B Chesapeake Center
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Gel Burnie
		OWN_STATE:	Md
		OWN_Z_1:	21060
		LEGAL_2:	1401-K Pulaski Highway
		P_CITY:	Edgewood
		P_Z_1:	21040

8/19/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	nothing leaking from dumpster		
Action:	mail letter		

5/26/2010	Intial - Site Visit	Contact: Store Manager	Inspector: Lewis, Deborah
Notes:	Motor oil leaking form dumpster.		
Action:	Manager put down stay-dri for clean-up. Revisit same day clean-up was done. Will mail public education info.		

Tax_id:	01097792	OWN_1:	Blakefield Development LLC
Business:	Advantage Office	OWN_2:	
Location:	Joppa	OWN_AD_1:	P.O. Box 4674
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Timinoum
		OWN_STATE:	Md
		OWN_Z_1:	21094
		LEGAL_2:	413 Pulaski Highway
		P_CITY:	Joppa
		P_Z_1:	21085

12/14/2010	Compliance - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Not a hotspot		
Action:			

Tax_id:	01178563	OWN_1:	JCA IV Joppa LLC
Business:	Alban Tractor Co.	OWN_2:	
Location:	Abingdon	OWN_AD_1:	8537 Pulaski Highway
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21237
		LEGAL_2:	1307 Governor Court
		P_CITY:	Abingdon
		P_Z_1:	21009

7/19/2011	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	site visit okay		
Action:			

12/15/2010	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Potential,vehicle operation, outdoor materials, waste mgmt, physical plant		
Action:			

Tax_id: 01252011
Business: All in One
Location: Belcamp
Business Owner:
Phone Number:

OWN_1: Riverside Parkway Limited
OWN_2:
OWN_AD_1: P.O. Box 182571
OWN_AD_2:
OWN_CITY: Columbus
OWN_STATE: Oh
OWN_Z_1: 43218
LEGAL_2: 1325 Riverside Parkway
P_CITY: Belcamp
P_Z_1: 21017

6/2/2010 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Mailed public education information and COMAR Title 26.
Action:

Tax_id: 01006681
Business: American Auto Silver Spur
Location: Joppa
Business Owner:
Phone Number:

OWN_1: Diane Baldwin
OWN_2:
OWN_AD_1: 803 Ferguson Road
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 519 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

8/3/2011 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: okay
Action:

12/14/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: confirmed,vehicle operations,outdoor materials,waste management , physical plant
Action:

Tax_id: 01075004
Business: American Car Care
Location: 3615 B&O Road
Business Owner: Holly Beach LLC
Phone Number: 410.679.5290

OWN_1: HOLLY BEACH LLC
OWN_2:
OWN_AD_1: 2732 HOLLY BEACH RD
OWN_AD_2:
OWN_CITY: BALTIMORE
OWN_STATE: MD
OWN_Z_1: 21221
LEGAL_2: 3615 B & O ROAD
P_CITY: ABINGDON
P_Z_1: 21009

8/20/2009 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah

Notes: no vehicular operations outside, waste oil in secondary containment, already replaced leaky dumpster had whole in bottom.

Action:

1/12/2009 Intial - Site Visit Contact: None Inspector: EA Engineering

Notes: vehicular storage, washing and repair activities, outdoor material storage (secondary containment, coverings, staining, possible leaky dumpster.

Action:

Tax_id: 01148958
Business: Amrein Foods
Location: 704 Pulaski Highway
Business Owner: Tom Amrein
Phone Number: 410.671.0011

OWN_1: AMREIN THOMAS W
OWN_2: HOWARD LYNN L
OWN_AD_1: 704 PULASKI HIGHWAY
OWN_AD_2: PO BOX 488
OWN_CITY: JOPPA
OWN_STATE: MD
OWN_Z_1: 21085
LEGAL_2: 704 PULASKI HIGHWAY
P_CITY: JOPPA
P_Z_1: 21085

12/6/2011 Compliance - Site Visit Contact: None Inspector: Versar, Inc.
Notes: not a hotspot
Action:

8/31/2009 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: site visit okay
Action:

8/18/2009 Intial - Site Visit Contact: Tom Amrein Inspector: EA Engineering
Notes: discarded material
Action:

Tax_id:	01033476	OWN_1:	Hopewell Real Estate
Business:	Animal Care Center	OWN_2:	
Location:		OWN_AD_1:	3922 Norrisville Road
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Jarrettsville
		OWN_STATE:	Md
		OWN_Z_1:	21084
		LEGAL_2:	800 Pulaski Highway
		P_CITY:	Joppa
		P_Z_1:	21085

12/13/2011 Compliance - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Not a hotspot
Action:

Tax_id:	01052667	OWN_1:	Kilduff Motors Inc.
Business:	Arc Machinery Movers	OWN_2:	Charles Kilduff
Location:	Edgewood	OWN_AD_1:	2219 Berg Way
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Edgewood
		OWN_STATE:	Md
		OWN_Z_1:	21040
		LEGAL_2:	2103 Pulaski Highway
		P_CITY:	Edgewood
		P_Z_1:	21040

12/5/2011	Follow-Up - Site Visit	Contact: Mr. Kilduff	Inspector: Lewis, Deborah
Notes:	Considerable clen-up , needs to remove wood and scrap		
Action:			

10/26/2011	Follow-Up - Phone Call	Contact: A.R. Kilduff	Inspector: Lewis, Deborah
Notes:	phone cal on follow up corrective actions.		
Action:			

8/31/2011 Follow-Up - Letter Contact: A.R.Kilduff Inspector: Lewis, Deborah
Notes: Certified mail unclaimed will hand delivery
Action: hand deliver certified letter

8/9/2011 Follow-Up - Letter Contact: A.R. Kilduff Inspector: Lewis, Deborah
Notes: mailed certified letter
Action:

8/2/2011 Follow-Up - Site Visit Contact: A.R.Kilduff Inspector: Lewis, Deborah
Notes: discard scrap items,replace, dumpster does no lid, check diesel tank, Enterprise carwashing no sanitary sewer connection
Action:

12/15/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential, vehicle operations,outdoor materials, waste management
Action:

Tax_id: 01207989
Business: Auston
Location: Joppa
Business Owner:
Phone Number:

OWN_1: Auston LLC
OWN_2:
OWN_AD_1: 1202 Paul's Lane
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 1202 Paul's Lane
P_CITY: Joppa
P_Z_1: 21085

12/22/2011 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: no cover on dumpster, trash and debris outside, rusty fuel tanks
Action: mailed certified letter

Tax_id: 01028456
Business: Auto
Location: Abingdon
Business Owner:
Phone Number:

OWN_1: Wesley, Curtis Lafon
OWN_2:
OWN_AD_1: P.O. Box 29
OWN_AD_2:
OWN_CITY: Jpppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 3610 B+O Road
P_CITY: Abingdon
P_Z_1: 21009

12/16/2011 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: vehicular repair,outdoor fueling,loading near stormdrains some staining
Action:

Tax_id: 01079417
Business: B H Motors
Location: Joppa
Business Owner:
Phone Number:

OWN_1: WH LLC
OWN_2:
OWN_AD_1: 424 Old Joppa Road
OWN_AD_2:
OWN_CITY: Fallston
OWN_STATE: Md
OWN_Z_1: 21047
LEGAL_2: 708 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

9/27/2011 Compliance - Site Visit Contact: Bill Hillard
Notes: okay
Action: mail letter

Inspector: Lewis, Deborah

8/23/2011 Follow-Up - Site Visit Contact: Bill Hillard
Notes: will address fuel tanks
Action:

Inspector: Lewis, Deborah

7/26/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: mailed certified letter for site visit
Action:

12/16/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential,vehicle operations,outdoor maintenance,waste management,physical plant
Action:

Tax_id:	01007963	OWN_1:	Lea banks
Business:	Banks Auto Wreckers	OWN_2:	
Location:		OWN_AD_1:	1046 Conowingo Road
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Conwingo
		OWN_STATE:	Md
		OWN_Z_1:	21918
		LEGAL_2:	908 Pine Road
		P_CITY:	Joppa
		P_Z_1:	21085

12/14/2011	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	potential, scrap metal recycler		
Action:			

Tax_id:	05037468	OWN_1:	3610 CONOWINGO ROAD LLC
Business:	Banks Towing	OWN_2:	
Location:	3610 Conowingo Road	OWN_AD_1:	3610 CONOWINGO RD
Business Owner:	Lee Banks	OWN_AD_2:	
Phone Number:	410.457.5454	OWN_CITY:	STREET
		OWN_STATE:	MD
		OWN_Z_1:	21154
		LEGAL_2:	3610 CONOWINGO ROAD
		P_CITY:	STREET
		P_Z_1:	21154

9/9/2010	Closed - Phone Call	Contact: MDE	Inspector: Lewis, Deborah
Notes:	Filed complaint with Harry Warfield at MDE.		
Action:	Spoke with several persons at MDE and filed a complaint. MDE will be responsible for inspecting, enforcing and permitting this facility. This company has the same type of facility in Cecil County that is under an enforcement action. Jared Tanaka spoke with me he will follow-up and keep me informed.		

8/20/2010	Follow-Up - Phone Call	Contact: None	Inspector: Lewis, Deborah
Notes:	oil stains on property		
Action:	mailed certified letter, received 8/28/2010		

5/24/2010 Compliance - Phone Call Contact: Randy Denny MDE Inspector: Lewis, Deborah
Notes: talked with Randy 410.901.4020 will try to obtain most recent inspection report for facility.
Action:

9/18/2009 Compliance - Contact: Lee Banks Inspector: Lewis, Deborah
Notes: site visit oil spill cleaned up and removed, waiting for MDE site report will continue to monitor, mail letter.
Action: Property in compliance with requested corrective actions. Waiting to receive most recent inspection report from MDE.

9/16/2009 Follow-Up - Contact: None Inspector: Lewis, Deborah
Notes: letter mailed to property owner
Action: Property has a NPDES permit. Would like to receive copy of most recent inspection report from MDE

9/15/2009 Follow-Up - Contact: None Inspector: Lewis, Deborah
Notes: pictures were for building next door, they have cleaned up site trying to lease, this site had illicit discharge of fuel oil at visit, they implemented clean-up, mail letter to owner
Action:

1/6/2009

Intial -

Contact: None

Inspector: EA Engineering

Notes: metal drums stored outside, rusty no cover,dumpster no lid overflowing trash can

Action:

Tax_id: 01199013
Business: Bay Rv
Location: Joppa
Business Owner:
Phone Number:

OWN_1: Larry Day
OWN_2:
OWN_AD_1: 999 Winfield Drive
OWN_AD_2:
OWN_CITY: Baltimore
OWN_STATE: Md
OWN_Z_1: 21206
LEGAL_2: 1002 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

8/17/2011 Compliance - Site Visit Contact: Larry Day, Tom Kerfoot, Sandy Wroy Inspector: Lewis, Deborah
Notes: okay
Action:

8/17/2011 Follow-Up - Site Visit Contact: Larry Day Inspector: Lewis, Deborah
Notes: site visit 8/17/2011
Action:

8/2/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: certified letter returned
Action:

7/19/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: Maled certified letter for site visit
Action:

12/14/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Confirmedvehicle operations,outdoor materials,waste mgmt, physical plant,
Action:

Tax_id: 03064581
Business: Bel Air Sunoco
Location: Fallston
Business Owner:
Phone Number:

OWN_1: A O Corporation
OWN_2:
OWN_AD_1: 3212 Peddicoat Ct.
OWN_AD_2:
OWN_CITY: Woodstock
OWN_STATE: Md
OWN_Z_1: 21163
LEGAL_2: 1515 BelAir Road
P_CITY: Fallston
P_Z_1: 21047

6/2/2010 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Mailed public education information and COMAR Title 26
Action:

Tax_id:	01031562	OWN_1:	Edgewater Partnership
Business:	Best Dry Cleaners	OWN_2:	
Location:	Edgewood	OWN_AD_1:	601 E. Pratt Street, Ste.600
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21202
		LEGAL_2:	1819 Pulaski Highway
		P_CITY:	Edgewood
		P_Z_1:	21040

5/26/2010	Closed - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	business is closed.		
Action:			

9/16/2009	Intial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	Business is closed.Dumpster open , near storm drain inlet. Downspouts discharge to impervious surface.		
Action:	Not a hotspot.		

Tax_id:	01064525	OWN_1:	1109 Philadelphia Road LLC
Business:	Best Friends Fur Ever	OWN_2:	
Location:	Joppa	OWN_AD_1:	105 Roselawn Court
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	BelAir
		OWN_STATE:	Md
		OWN_Z_1:	21014
		LEGAL_2:	1009 Philadelphia Road
		P_CITY:	Joppa
		P_Z_1:	21085

12/14/2010	Compliance - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Not a hotspot		
Action:			

Tax_id: 01274430
Business: BJ's
Location: 413 Constant Friendship Road
Business Owner: Stephanie Foley
Phone Number: 508.651.7400./508.612.8873

OWN_1: Bj's Wholesale Club, Inc.
OWN_2: One Mercer Blvd.
OWN_AD_1: P.O. Box 9061
OWN_AD_2:
OWN_CITY: Natick
OWN_STATE: Ma
OWN_Z_1: 01760
LEGAL_2: 413 CONST FRNDSHP BLVD
P_CITY: ABINGDON
P_Z_1: 21009

6/2/2010 Compliance - Letter Contact: Stephanie Foley
Notes: Mailed public information and COMAR Title 26
Action:

Inspector: Lewis, Deborah

Tax_id:	04035208	OWN_1:	Jarrettsville Station LLC.
Business:	BP (Jarrettsville)	OWN_2:	
Location:	1105 Baldwin Mill Road	OWN_AD_1:	1105 Baldwin Mill Road
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Jarrettsville
		OWN_STATE:	Md
		OWN_Z_1:	21084
		LEGAL_2:	1105 Baldwin Mill Road
		P_CITY:	Jarrettsville
		P_Z_1:	21084

9/14/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Mailed public education information and COMAR Title 26.		
Action:			

Tax_id:	01045180	OWN_1:	Oceanic Petroleum Co. Inc.
Business:	BP Gas Station (Pulaski Highway)	OWN_2:	
Location:	1712 Pulaski Highway	OWN_AD_1:	7167 Worcester Hwy
Business Owner:	Kamal, Thomas Almuttil	OWN_AD_2:	
Phone Number:	410.612.0133	OWN_CITY:	Newark
		OWN_STATE:	Md
		OWN_Z_1:	21841
		LEGAL_2:	1712 Pulaski Highway
		P_CITY:	Edgewood
		P_Z_1:	21040

9/30/2010	Closed - Site Visit	Contact: Kamal	Inspector: Lewis, Deborah
Notes:	Field meeting to discuss problem with business owner. Mde will take enforcement action. Scott Schott (DILP) will do follow-up inspections		
Action:			

9/28/2010	Follow-Up - Letter	Contact: Kamal	Inspector: Lewis, Deborah
Notes:	Mailed letter concerning illicit discharge. Site visit with inspections, health dept. and MDE on 9/30/2010.		
Action:			

9/21/2010 Follow-Up - Contact: None Inspector: Lewis, Deborah
Notes: Spoke with Christine about this illicit discharge wants me to contact MDE and Scott Shoot in DILP about the problem. May have to contact the Law Department to issue a letter.
Action:

9/21/2010 Follow-Up - Contact: None Inspector: Lewis, Deborah
Notes: Spoke with Scott Shoot from DILP plumbing. He will contact Kevin Barnabas in the Health Department to see if he will take over this issue or refer to Jared at MDE. Scott would like for us to have a field meeting at the site.
Action:

9/13/2010 Initial - Site Visit Contact: Kamal Inspector: Lewis, Deborah
Notes: This facility has an illicit discharge of soapy water from car bay entering storm drain. Spoke with owner Kamal about the problem.
Action:

Tax_id: 01052004
Business: Brothers Garage
Location: Edgewood
Business Owner:
Phone Number: 410.679.4198

OWN_1: Karl Keithley
OWN_2: Donald Keithley
OWN_AD_1: 1300 Pulaski Highway
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 1300 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

6/30/2011 Closed - Contact: None Inspector: Lewis, Deborah
Notes: DILP has taken over enforcement of all building code and water quality issue at this business for Harford County
Action:

12/14/2010 - Site Visit Contact: None Inspector: Versar, Inc.
Notes:
Action:

3/14/2010 mailed certified letter f Contact: None

Inspector: Lewis, Deborah

Notes:

Action:

Tax_id: 01302361
Business: BSC America
Location: Edgewood
Business Owner:
Phone Number: 410.510.0604

OWN_1: Clayton Station LLC
OWN_2:
OWN_AD_1: P.O. Box 516
OWN_AD_2:
OWN_CITY: BelAir
OWN_STATE: Md
OWN_Z_1: 21014
LEGAL_2: 1300 Business Center Way
P_CITY: Edgewood
P_Z_1: 21040

8/4/2011 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: okay
Action:

12/15/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential, vehicle operations,outdoor materials, waste mgmt
Action:

Tax_id:	01044400	OWN_1:	Paul Frank Family LLC
Business:	Bud's Carwash	OWN_2:	
Location:	Joppa	OWN_AD_1:	2401 Old Joppa Road
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Joppa
		OWN_STATE:	Md
		OWN_Z_1:	21085
		LEGAL_2:	1108 S Mountain Road
		P_CITY:	Joppa
		P_Z_1:	21085

9/13/2011	Follow-Up - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	rear doors to car wash bays are open water entering stormdrain		
Action:	mail letter		

8/22/2011	Compliance - Site Visit	Contact: Bud Irwin	Inspector: Lewis, Deborah
Notes:	Will keep rear door to (2) end bays closed		
Action:			

7/21/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: mailed certified letter, since no response to phone call.
Action:

7/13/2011 Follow-Up - Contact: None Inspector: Lewis, Deborah
Notes: Contacted Scott in DILP, sent picture will investigate
Action:

6/30/2011 Follow-Up - Site Visit Contact: Henry Wietcha Inspector: Lewis, Deborah
Notes: Discharge from rear of carwash entering stormdrain contacted attendant will address
Action:

6/16/2011 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Site looks good attendant on site
Action:

5/6/2011 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: SHA has cleaned swaled, no staining near storm drain
Action:

3/17/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: mailed certified letter to property owner and MDSHA
Action:

3/16/2011 Follow-Up - Site Visit Contact: Henry Wietcha Inspector: Lewis, Deborah
Notes: Carwash has attendant on duty who will now keep dumpster closed, carwash discharges to sanitary sewer, stormwater discharges to SHA SWM, needs to be clean will contact
Action: Send letter to property owner and SHA

12/14/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: open dumpster near storm inlet, car wash area discharges to storm drain. Discharges
Action:

Tax_id: 01045849
Business: Burger King
Location: 2200 Pulaski Highway
Business Owner:
Phone Number:

OWN_1: Hinder Enterprises
OWN_2:
OWN_AD_1: 340 Vale Rd.
OWN_AD_2:
OWN_CITY: Bel Air
OWN_STATE: Md
OWN_Z_1: 21014
LEGAL_2: 2200 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

9/16/2009 Compliance - Site Visit Contact: None

Inspector: EA Engineering

Notes:

Action:

Tax_id: 01171399
Business: Burger King (1808 Edgewood Road)
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: William Harloe
OWN_2:
OWN_AD_1: 304 Vale Road
OWN_AD_2:
OWN_CITY: Bel Air
OWN_STATE: Md
OWN_Z_1: 21014
LEGAL_2: 1808 Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

5/25/2010 Compliance - Site Visit Contact: Store Manager Inspector: Lewis, Deborah
Notes: Dumpster is not leaking and not located near storm drain.
Action: Will mail public education info to property owner

9/15/2009 Intial - Site Visit Contact: None Inspector: EA Engineering
Notes: Dumpster leaking near storm drain
Action: Not a hotspot

Tax_id: 01019848
Business: Car Depot
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: JSG Investments LLC
OWN_2:
OWN_AD_1: 2229 Gelding Way
OWN_AD_2:
OWN_CITY: Bel Air
OWN_STATE: Md
OWN_Z_1: 21015
LEGAL_2: 1016 Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

5/26/2010 Closed - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: business is closed

Action:

9/16/2009 Intial - Site Visit Contact: None

Inspector: EA Engineering

Notes: Downspout discharge to impervious surface.

Action: Not a hotspot.

Tax_id: 01171364
Business: Carpet and Flooring by Denny Lee
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: CBDL LLC
OWN_2:
OWN_AD_1: 1003 Edgewood Road
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 1003 Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

8/19/2010 Compliance - Site Visit Contact: None
Notes: dumpster is closed
Action:

Inspector: Lewis, Deborah

5/26/2010 Follow-Up - Site Visit Contact: Store Manager
Notes: Spoke with manager about keeping dumpster closed. Will revisit. Send public education info.
Action:

Inspector: Lewis, Deborah

9/16/2009	Intial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	Dumpster open		
Action:	Not a Hotspot		

Tax_id:	01033468	OWN_1:	F+M Development
Business:	Case-Mason	OWN_2:	
Location:		OWN_AD_1:	P.O. Box 4367
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Lutherville
		OWN_STATE:	Md
		OWN_Z_1:	21094
		LEGAL_2:	816 Pulaski Highway
		P_CITY:	Joppa
		P_Z_1:	21085

12/13/2011	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	potential,trash,material storage		
Action:			

Tax_id: 01079875
Business: Castle Auto
Location: Joppa
Business Owner:
Phone Number:

OWN_1: Slippery Inc.
OWN_2:
OWN_AD_1: 11717 Bel Air Road
OWN_AD_2:
OWN_CITY: Kingsville
OWN_STATE: Md
OWN_Z_1: 21087
LEGAL_2: 921 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

8/17/2011 Follow-Up - Site Visit Contact: Everson or Mr. Castleman Inspector: Lewis, Deborah
Notes: site visit scheduled 8/17/2011
Action:

8/17/2011 Compliance - Site Visit Contact: Mr. Castelman and Everson Inspector: Lewis, Deborah
Notes: okay
Action:

7/26/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: mailed certified letter for site visit
Action:

12/14/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential,vehicle operations,outdoor materials,waste management,physical plant
Action:

Tax_id: 01194011
Business: Catholic Charities
Location: Abingdon
Business Owner: Sherry Nolte
Phone Number: 410.538.3388

OWN_1: WPBC Realty
OWN_2:
OWN_AD_1: 216 Schilling Cir Ste. 300
OWN_AD_2:
OWN_CITY: Hunt Valley
OWN_STATE: Md
OWN_Z_1: 21031
LEGAL_2: 1301 Continental Drive
P_CITY: Abingdon
P_Z_1: 21009

8/19/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: Dumpster closed

Action:

5/25/2010 Follow-Up - Site Visit Contact: Office person

Inspector: Lewis, Deborah

Notes: Informed must close dumpster at night and during windy conditions. Mail public education.

Action: Revisit

9/15/2009 Intial - Site Visit Contact: None Inspector: EA Engineering
Notes: Dumpster open
Action: Not a Hotspot.

Tax_id:	01093193	OWN_1:	E&N LLC
Business:	Cell Tower	OWN_2:	
Location:		OWN_AD_1:	415-A Pulaski Highway
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Joppa
		OWN_STATE:	Md
		OWN_Z_1:	21085
		LEGAL_2:	415 Pulaski Highway
		P_CITY:	Joppa
		P_Z_1:	21085

12/6/2011 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential,vehicles, material storage,open dumpster
Action:

Tax_id:	01079883	OWN_1:	Central Atlantic Properties LLC
Business:	Central Atlantic Contracting	OWN_2:	
Location:	Abingdon	OWN_AD_1:	P.O. Box 675
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Abingdon
		OWN_STATE:	Md
		OWN_Z_1:	21009
		LEGAL_2:	1299 Governor Court
		P_CITY:	Abingdon
		P_Z_1:	21009

8/2/2011	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	okay		
Action:			

12/15/2010	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Potential,vehicle operations,outdoor materials, waste mgmt,physical plant		
Action:			

Tax_id: 01082302
Business: Cesar's Garage
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: Nuttal Avenue LLC
OWN_2: c/o George Clampett
OWN_AD_1: 2622 Winters Run Road
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 2123 Nuttal Avenue
P_CITY: Edgewood
P_Z_1: 21040

8/3/2011 Closed - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Have been to business twice during normal operations no one their, believe gone out of business
Action:

8/2/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: no one at business and certified letter returned unclaimed
Action:

7/7/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: mailed certified letter for site visit
Action:

12/16/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential,vehicle operations,outdoor materials,wstemgmt,physical plant
Action:

Tax_id:	01042424	OWN_1:	Mars Woodbridge Center, Inc.
Business:	Charcoal Grill	OWN_2:	
Location:	1401-B Pulaski Highway	OWN_AD_1:	6721 B Cheseapeake Center Dr
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Glen Burnie
		OWN_STATE:	Md
		OWN_Z_1:	21060
		LEGAL_2:	1401-B Pulaski highway
		P_CITY:	Edgewood
		P_Z_1:	21040

9/16/2009	Compliance - Site Visit	Contact: None	Inspector: EA Engineering
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Notes:

Action:

Tax_id: 01055453
Business: Charm City Kitchens
Location:
Business Owner:
Phone Number:

OWN_1: Pulaski Highway Properties LLC
OWN_2:
OWN_AD_1: 4575 W. Canyon Rd
OWN_AD_2:
OWN_CITY: Guthrie
OWN_STATE: Ok
OWN_Z_1: 73044
LEGAL_2: 408 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

12/6/2011 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential,vehicular and material storage,trash
Action:

Tax_id:	01073451	OWN_1:	2700 Pulaski Highway LLC
Business:	Chase Manor Motel	OWN_2:	
Location:	Edgewood	OWN_AD_1:	1407 Steuart Street
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21230
		LEGAL_2:	2700 Pulaski Highway
		P_CITY:	Edgewood
		P_Z_1:	21040

12/15/2010	Closed - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	abandoned building		
Action:			

Tax_id: 03194418
Business: Chem Stretch Inc.
Location: Forest Hill
Business Owner: Barbara
Phone Number: 410.420.7033

OWN_1: Chem Stretch Inc.
OWN_2:
OWN_AD_1: 340 Bynum Road
OWN_AD_2:
OWN_CITY: Forest Hill
OWN_STATE: Md
OWN_Z_1: 21050
LEGAL_2: 340 Bynum Road
P_CITY: Forest Hill
P_Z_1: 21050

7/6/2011 Compliance - Site Visit Contact: Barbara Inspector: Lewis, Deborah
Notes: facility in compliance
Action: mail letter

6/20/2011 Follow-Up - Site Visit Contact: Barbara Inspector: Lewis, Deborah
Notes: dumpster overflowing with discarded tire and metal, stormdrains need cleaning
Action: Barbara will call when corrected

6/15/2011 Follow-Up - Phone Call Contact: Barbara Inspector: Lewis, Deborah
Notes: scheduled site visit for 6/20/2011
Action:

5/6/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: one dumpster still open still needs to clean stormdrains
Action:

4/7/2011 Follow-Up - Phone Call Contact: Barbara Inspector: Lewis, Deborah
Notes: will address issues
Action:

4/4/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Crystal Clean environmental, need to keep dumpster lose, clean stormdrain, scrap tires and tarp
Action: mailed letter

Tax_id:	01099272	OWN_1:	SS Simmons Properties LLC
Business:	Cheseapeake Erectors	OWN_2:	
Location:	Edgewood	OWN_AD_1:	2908 Pulaski Highway
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Edgewood
		OWN_STATE:	Md
		OWN_Z_1:	21040
		LEGAL_2:	2906-2908 Pulaski Highwa
		P_CITY:	Edgewood
		P_Z_1:	21040

8/2/2011	Compliance - Site Visit	Contact: Scott	Inspector: Lewis, Deborah
Notes:	okay, has a sand filter		
Action:			

12/15/2010	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Potential,vehicle operations,outdoor materials, waste mgmt,physical plant		
Action:			

Tax_id: 01017306
Business: Chuck's Body and Fender
Location: Joppa
Business Owner:
Phone Number:

OWN_1: Charles Westerman
OWN_2: Janet Westerman
OWN_AD_1: 7121 Pentridge Lane
OWN_AD_2:
OWN_CITY: Chestertown
OWN_STATE: Md
OWN_Z_1: 21620
LEGAL_2: 410 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

8/3/2011 Compliance - Site Visit Contact: Charles Westerman Inspector: Lewis, Deborah
Notes: okay
Action:

7/7/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: mailed certified letter for site visit
Action:

12/14/2010

Intial - Site Visit

Contact: None

Inspector: Versar, Inc.

Notes:

potential, vehicle operations,outdoor materials, waste management,physical plant

Action:

Tax_id: 01164686
Business: Cignatta
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: Two Thousand One Hundred Eleven
OWN_2: Emmorton Park LTD Partnership
OWN_AD_1: 7 Church Lane
OWN_AD_2:
OWN_CITY: Pikesville
OWN_STATE: Md
OWN_Z_1: 21208
LEGAL_2: 2111 Emmorton Park Road
P_CITY: Edgewood
P_Z_1: 21040

5/25/2010 Compliance - Site Visit Contact: Tenant Inspector: Lewis, Deborah

Notes: Spoke with owner dumpster is closed and secured as much as possible by various means because illegal dumping is a problem in the area and costly for him to remove.

Action: Will mail public education information.

9/15/2009 Intial - Site Visit Contact: None Inspector: EA Engineering

Notes: Dumpster Open

Action: Not a hotspot

Tax_id: 01074806
Business: Citgo (700 Edgewood Road)
Location: 700 Edgewood Road
Business Owner:
Phone Number: 410.676.8316

OWN_1: Lee Sang HWA
OWN_2:
OWN_AD_1: 2709 Snowsmill Ct.
OWN_AD_2:
OWN_CITY: Ellicott City
OWN_STATE: Md
OWN_Z_1: 21043
LEGAL_2: 700 Edgewood Rd
P_CITY: Edgewood
P_Z_1: 21040

9/14/2010 Compliance - Site Visit Contact: Lee Sang

Inspector: Lewis, Deborah

Notes: Mailed public education information and COMAR Title 26.

Action:

Tax_id: 04046668
Business: Citgo High's Dairy s Store #68
Location: 4802 Rocks Road
Business Owner:
Phone Number: 410.452.5677

OWN_1: Four D's Associates LLC.
OWN_2: High's of Baltimore, Inc.
OWN_AD_1: 7477 New Ridge Road
OWN_AD_2:
OWN_CITY: Hanover
OWN_STATE: Md
OWN_Z_1: 21076
LEGAL_2: 4802 Rocks Road
P_CITY: Forest Hill
P_Z_1: 21132

12/22/2010 Compliance - Contact: None

Inspector: Lewis, Deborah

Notes: Sent public education information

Action:

9/14/2010 Intial - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: Spoke to manager about grass clippings in storm drain. Will revisit.Mailed public education information and COMAR Title 26.

Action:

Tax_id: 01106120
Business: Citgo Quick Lube
Location:
Business Owner:
Phone Number: 410.679.0304

OWN_1: HWANG INVESTMENTS LLC
OWN_2:
OWN_AD_1: 2 GERMAN HILL RD
OWN_AD_2:
OWN_CITY: DUNDALK
OWN_STATE: MD
OWN_Z_1: 21222
LEGAL_2: 1802 OLD VAN BIBBER ROAD
P_CITY: EDGEWOOD
P_Z_1: 21040

6/2/2010 Compliance - Letter Contact: None Inspector: Lewis, Deborah
Notes: Mailed public education information and COMAR Title 26.
Action:

9/18/2009 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: site visit okay
Action:

9/16/2009 Follow-Up - Phone Call Contact: None Inspector: Lewis, Deborah

Notes: phone call received corrective actions implemented, will do site visit

Action:

8/20/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah

Notes: no vehicular storage and repair activities, scrap tires used to protect barricade and flower beds, storm drain cleaned out, will put spill kit at refueling station.

Action:

Tax_id: 01060260
Business: Crazy Ray's Auto Parts
Location: Edgewood
Business Owner: James Gosnell
Phone Number: 443.250.7307

OWN_1: D&G Holding Co. Inc.
OWN_2:
OWN_AD_1: 8125 Washington Blvd
OWN_AD_2:
OWN_CITY: Jessup
OWN_STATE: Md
OWN_Z_1: 20794
LEGAL_2: 1706 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

5/31/2011 Compliance - Site Visit Contact: Tiffany
Notes: Additional spill kits located on property
Action: mailed letter

Inspector: Lewis, Deborah

4/14/2011 Compliance - Site Visit Contact: James Gosnell. Tiffany Rose
Notes: fueling tanks are doubled walled, need to keep spill kits in other areas
Action: mail letter

Inspector: Lewis, Deborah

Tax_id:	01054104	OWN_1:	621-629 Pulaski LLC
Business:	Dan's Auto, Joppa Health	OWN_2:	
Location:	Joppa	OWN_AD_1:	P.O. Box 707
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	BelAir
		OWN_STATE:	Md
		OWN_Z_1:	21014
		LEGAL_2:	621-29 Pulaski Highway
		P_CITY:	Joppa
		P_Z_1:	21085

8/3/2011	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	okay		
Action:			

12/14/2010	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Potential,vehicle operations,waste management,outdoor materials,physical plant		
Action:			

Tax_id: 01090305
Business: Daves Tag and Title
Location:
Business Owner:
Phone Number:

OWN_1: David & Michele Marll
OWN_2:
OWN_AD_1: 1109 Clayton Road
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 1109 Clayton Road
P_CITY: Joppa
P_Z_1: 21085

12/7/2011 Compliance - Site Visit Contact: None
Notes: Not a hotspot
Action:

Inspector: Versar, Inc.

Tax_id: 01090100
Business: Day's Camp Center
Location: 1116 Mountain Road
Business Owner: Larry Day
Phone Number: 410.679.5472

OWN_1: DAY'S PROPERTIES LLC
OWN_2:
OWN_AD_1: 558 ANCHOR DR
OWN_AD_2:
OWN_CITY: JOPPA
OWN_STATE: MD
OWN_Z_1: 21085
LEGAL_2: 1018 PULASKI HIGHWAY
P_CITY: JOPPA
P_Z_1: 21085

8/31/2009 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah

Notes: site visit okay. Storm drain is part of grassy swale maintain by SHA.

Action:

8/3/2009 Follow-Up - Phone Call Contact: None Inspector: Lewis, Deborah

Notes: spoke with Deborah Magness 410.679.5472. She informed me that SHA has a problem with their storm drains that is causing ther to block-up. The person handling this problem for SHA is Dennis Adams. She will keep me informed.

Action:

7/16/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: storm drain still clogged will send letter
Action:

6/3/2009 Follow-Up - Contact: None Inspector:
Notes: gave Mr. Day names of companies to clean storm drain will call when completed
Action:

5/26/2009 Follow-Up - Contact: None Inspector:
Notes: site visit with Larry Day will supply names of companies to perform work will clean-up scarp metal and debris
Action:

5/20/2009 Intial - Contact: None Inspector:
Notes: clogged storm drain will call owner (EPA Audit)
Action:

Tax_id: 01028383
Business: Day's Joppa Auto Care
Location: Joppa
Business Owner:
Phone Number:

OWN_1: Fadford Day, Jr.
OWN_2:
OWN_AD_1: 588 Anchor Drive
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 1014 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

5/26/2010 Compliance - Site Visit Contact: Manager Inspector: Lewis, Deborah
Notes: This is a SHA outfall, will refer to them.
Action: Not a county outfall.

9/16/2009 Intial - Site Visit Contact: None Inspector: EA Engineering
Notes: County dug culvert on edge of property appears to be silted in and clogged.
Action: Not a hotspot.

Tax_id: 01200488
Business: Denny's
Location: 1803 Edgewood Road
Business Owner:
Phone Number:

OWN_1: WDPB Inc.
OWN_2:
OWN_AD_1: 15 B Aberdeen Plaza
OWN_AD_2:
OWN_CITY: Aberdeen
OWN_STATE: Md
OWN_Z_1: 21001
LEGAL_2: 1803 Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

9/15/2009 Compliance - Site Visit Contact: None

Inspector: EA Engineering

Notes:

Action:

Tax_id: 01095056
Business: Devon Self Storage
Location: Edgewood
Business Owner: Mike Schubert
Phone Number: 410.676.4474

OWN_1: B&J Self Storage/ holic CharitieLC
OWN_2: Jeff Humphrey
OWN_AD_1:
OWN_AD_2: 200 Powell St. Ste 1240
OWN_CITY: Emeryville
OWN_STATE: Ca
OWN_Z_1: 94608
LEGAL_2: 1306 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

8/24/2010 Compliance - Site Visit Contact: Mike Shubert
Notes: Site visit in compliance.
Action: mailed letter.

Inspector: Lewis, Deborah

5/26/2010 Follow-Up - Site Visit Contact: Mike Schubert
Notes: Fenced area okay. Trash near dumpster in back. Informed manager will revisit. Gave public education info.
Action: follow-up site visit.

Inspector: Lewis, Deborah

9/16/2009 Intial - Site Visit Contact: None Inspector: EA Engineering
Notes: Downspouts discharge to impervious surface. Property was fenced could not inspect back area.
Action: Not a hotspot.

Tax_id:	01200518	OWN_1:	Edgewood associates LLP
Business:	Diana Foods (Hotel)	OWN_2:	
Location:	1807 Edgewood Rd.	OWN_AD_1:	1807 Edgewood Rd.
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Edgewood
		OWN_STATE:	Md
		OWN_Z_1:	21040
		LEGAL_2:	1807 Edgewood Rd
		P_CITY:	Edgewood
		P_Z_1:	21040

9/15/2009 Compliance - Site Visit Contact: None Inspector: EA Engineering
Notes:
Action:

Tax_id: 01045261
Business: Dimitri's
Location: 1709 Edgewood Road
Business Owner:
Phone Number:

OWN_1: Edgewood Associates LLP
OWN_2:
OWN_AD_1: 1807 Edgewood Rd.
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 1709 Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

9/15/2009 Compliance - Site Visit Contact: None

Inspector: EA Engineering

Notes:
Action:

Tax_id: 02068184
Business: Dixie Construction
Location: 260 Hopewell Road
Business Owner: Greg Via
Phone Number: 410.879.8055

OWN_1: 260 LLC
OWN_2:
OWN_AD_1: 3945 PROSPECT RD
OWN_AD_2:
OWN_CITY: STREET
OWN_STATE: MD
OWN_Z_1: 21154
LEGAL_2: 260 HOPEWELL ROAD
P_CITY: ABERDEEN
P_Z_1: 21001

9/18/2009 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah

Notes: site visit okay, pump fixed, carwashing waste does not enter sewer or stormdrain pumped out of a holding pond by contractor, oil spills cleanup will continue to monitor. Mail letter

Action:

8/24/2009 Follow-Up - Phone Call Contact: None Inspector: Lewis, Deborah

Notes: phone call to Greg Via concerning letter

Action:

7/16/2009

Follow-Up - Site Visit

Contact: None

Inspector: Lewis, Deborah

Notes:

site visit has address some issues, talk with Mr. Via about continuing to use absorbent for leaks under all trucks and have it available near fueling stations.

Action:

Tax_id:	01276077	OWN_1:	BEL AIR SOUTH COMMERCIAL LLC
Business:	Duclaw Brewing Company/Bel Air South Commercia	OWN_2:	
Location:	16-A Bel Air South Pkwy	OWN_AD_1:	
Business Owner:	Dave Benefield/Jackie(Bob Ward)	OWN_AD_2:	2700 PHILADELPHIA RD
Phone Number:	410.515.3222/410.679.5000	OWN_CITY:	EDGEWOOD
		OWN_STATE:	MD
		OWN_Z_1:	21040
		LEGAL_2:	16 BEL AIR SOUTH PARKWAY
		P_CITY:	ABINGDON
		P_Z_1:	21009

12/15/2011	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	visit site Duclaw no longer brews onsite what was thought to be a hops machine was actually a trash compactor.		
Action:			

12/14/2011	Intial - Email	Contact: None	Inspector: Versar, Inc.
Notes:	received e-mail from Versar confirmed Hotspot		
Action:			

Tax_id:	01017144	OWN_1:	201-13 Edgewood LLC
Business:	Edgewood Auto Service	OWN_2:	c/o George Clampet
Location:	Edgewood	OWN_AD_1:	
Business Owner:		OWN_AD_2:	2622 Winters Run Road
Phone Number:		OWN_CITY:	Joppa
		OWN_STATE:	Md
		OWN_Z_1:	21085
		LEGAL_2:	207 Edgewood Rd
		P_CITY:	Edgewood
		P_Z_1:	21040

5/26/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Vehicles are stored outside until repaired. They do not repair vehicles outside.		
Action:			

9/17/2009	Intial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	Vehicles stored/ repaired outside without diversion.		
Action:	Not a hotspot		

Tax_id: 01018698
Business: Edgewood Garage
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: Donald Burchfield
OWN_2: June Burchfield
OWN_AD_1: 2019 Nuttal Avenue
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 2019 Nuttal Avenue
P_CITY: Edgewood
P_Z_1: 21040

8/19/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: Storage shed has been built.

Action:

5/26/2010 Follow-Up - Site Visit Contact: Owner

Inspector: Lewis, Deborah

Notes: Owner is building shed for storage. Vehicles are stored outside but all repairs are done inside. Mail public education info.

Action: revisit

9/17/2009

Intial - Site Visit

Contact: None

Inspector: EA Engineering

Notes:

Vehicles stored/repared outside without diversion. Dumpster open

Action:

Not a hotspot.

Tax_id: 01037935
Business: Edgewood Service Center
Location:
Business Owner:
Phone Number:

OWN_1: DMC RENTALS LLC
OWN_2:
OWN_AD_1: 1369 WATERCRESS CT
OWN_AD_2:
OWN_CITY: PASADENA
OWN_STATE: MD
OWN_Z_1: 21122
LEGAL_2: 400 EDGEWOOD ROAD
P_CITY: EDGEWOOD
P_Z_1: 21040

9/18/2009 Compliance - Site Visit Contact: None
Notes: site visit okay
Action:

Inspector: Lewis, Deborah

8/6/2009 Intial - Site Visit Contact: None
Notes: garbage no cover/lid, material stored outside
Action:

Inspector: EA Engineering

Tax_id: 01031961
Business: Edgewood Supermarkets/Liquors
Location:
Business Owner: Dr. Sood
Phone Number: 443.655.6542

OWN_1: Edgewood Supermarket, Inc.
OWN_2:
OWN_AD_1: 722 S. Main Street
OWN_AD_2:
OWN_CITY: Bel Air
OWN_STATE: Md
OWN_Z_1: 21014
LEGAL_2: 2200 Philadelphia Road
P_CITY: Edgewood
P_Z_1: 21040

8/18/2010 Compliance - Site Visit Contact: None
Notes: site visit in compliance
Action: will mail certified letter.

Inspector: Lewis, Deborah

5/26/2010 Follow-Up - Phone Call Contact: None
Notes: Left phone message about trash
Action:

Inspector: Lewis, Deborah

5/25/2010 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Will call Dr.Sood, still a problem with trash.
Action:

5/24/2010 Follow-Up - Phone Call Contact: Dr.Sood Inspector: Lewis, Deborah
Notes: Dr. Sood phoned corrective actions have been implemented
Action: will do site visit

5/24/2010 Follow-Up - Phone Call Contact: Dr. Sood Inspector: Lewis, Deborah
Notes: Property owner informs the issues have been resolved.
Action: will visit site.

5/21/2010 Follow-Up - Phone Call Contact: Dr. Sood Inspector: Lewis, Deborah
Notes: spoke with property owner about potential pollutant sources.
Action: property owner will follow-up.

5/17/2010 Follow-Up - Site Visit Contact: New Covenant Heating and Air Conditioning a Inspector: Lewis, Deborah
Notes: obtain phone number of property owner
Action: will call property owner.

3/22/2010 Follow-Up - Letter Contact: Edgewood Supermarket, Inc Inspector: Lewis, Deborah
Notes: letter unclaimed 4-8-2010
Action: Christine will talk with county attorney about how to handle this situation.

3/18/2010 Follow-Up - Site Visit Contact: Joe Lucas, Edgewood Supermarket, Inc. Inspector: Lewis, Deborah
Notes: dumpster full and closed, trash left outside of dumpster, scrap metal at New Covenant Heating and Air Conditioning. Edgewood Liquors is on this property. Their issues are address to property owner.
Action: letters mailed to tenant and property owner.

9/15/2009 Intial - Site Visit Contact: None Inspector: EA Engineering
Notes: stains on building, dumpster open.
Action: follow-up by Harford County Government.

Tax_id: 01200496
Business: Edgewood Texaco
Location: 1811 Edgewood Road
Business Owner:
Phone Number:

OWN_1: JNH LLC
OWN_2:
OWN_AD_1: 1811 Edgewood Rd
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 1811 Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

9/15/2009 Compliance - Site Visit Contact: None

Inspector: EA Engineering

Notes:

Action:

Tax_id:	01000039	OWN_1:	Pulaski Enterprises LLC
Business:	Edgewood Veterinary Hospital	OWN_2:	c/o Judith McComas Esquire
Location:	Edgewood	OWN_AD_1:	30 Office Street
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Bel Air
		OWN_STATE:	Md
		OWN_Z_1:	21014
		LEGAL_2:	2007 Pulaski Highway
		P_CITY:	Edgewood
		P_Z_1:	21040

5/26/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Concrete pad is used for cookout. No kennels on this small property. Will mail public education inf.		
Action:			

9/16/2009	Intial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	Downspouts discharge to impervious surface. No diversion for concrete pad in kennels.		
Action:	Not a hotspot.		

Tax_id:	01164686	OWN_1:	Two Thousand One Hundred Eleven
Business:	Ed's Refrigeration	OWN_2:	Emmorton Park LTD Partnership
Location:	Edgewood	OWN_AD_1:	7 Church Lane
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Pikesville
		OWN_STATE:	Md
		OWN_Z_1:	21208
		LEGAL_2:	2111 Emmorton park Road
		P_CITY:	Edgewood
		P_Z_1:	21040

5/25/2010	Closed - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Business is closed, dumpster has been removed.		
Action:			

9/15/2009	Intial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	Dumpster open		
Action:	Not a hotspot		

Tax_id: 01170457
Business: Empty Lot
Location:
Business Owner:
Phone Number:

OWN_1: Rafiq Patel
OWN_2:
OWN_AD_1: 1952 Pulaski Highway
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 1954 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

12/7/2011 Compliance - Site Visit Contact: None
Notes: Not a hotspot
Action:

Inspector: Versar, Inc.

Tax_id: 01373714
Business: Equipment Distributors. Inc.
Location: Joppa
Business Owner: Dick Windsor
Phone Number: 410.538.6000

OWN_1: James L. Goins
OWN_2:
OWN_AD_1: 3804 Prospect Road
OWN_AD_2:
OWN_CITY: Street
OWN_STATE: Md
OWN_Z_1: 21154
LEGAL_2: 503 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

8/19/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: dirt pile removed in compliance.

Action: mailed certified letter.

5/26/2010 Follow-Up - Site Visit Contact: Dick Windsor

Inspector: Lewis, Deborah

Notes: Spoke with Mr. Windsor about covering or removing dirt pile. The rear parking lot is gravel and stone. Will mail letter.

Action: Corrective action.

9/16/2009 Intial - Site Visit Contact: None Inspector: EA Engineering
Notes: dirt pile without cover . Parking lot breaking up.
Action: Not a hotspot.

Tax_id:	01082086	OWN_1:	Donald Eccleston
Business:	Expert Landscaping	OWN_2:	
Location:	2501 Philadelphia Road	OWN_AD_1:	2501 Philadelphia Road
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Edgewood
		OWN_STATE:	Md
		OWN_Z_1:	2104
		LEGAL_2:	2501 Philadelphia Road
		P_CITY:	Edgewood
		P_Z_1:	21040

9/17/2009 Compliance - Site Visit Contact: None Inspector: EA Engineering
Notes:
Action:

Tax_id:	01026437	OWN_1:	Exxon Corporation
Business:	Exxon (1101 Pulaski Highway)	OWN_2:	Property Tax Division
Location:	Joppa	OWN_AD_1:	P.O. Box 53
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Houston
		OWN_STATE:	Tx
		OWN_Z_1:	77001
		LEGAL_2:	1101 Pulaski Highway
		P_CITY:	Joppa
		P_Z_1:	21085

6/2/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Mailed public education information and COMAR Title 26.		
Action:			

Tax_id: 01171380
Business: Exxon (1804 Edgewood Road)
Location: Emmorton Park
Business Owner:
Phone Number: 410.612.9380

OWN_1: Majorca LLC.
OWN_2:
OWN_AD_1: 1541 Bricknell Ave. Apt. T107
OWN_AD_2:
OWN_CITY: Miami
OWN_STATE: FL
OWN_Z_1: 33129
LEGAL_2: 1804 Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

8/19/2010 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah

Notes: Property owner has chosen not to implement recommended cleaning of private stormdrain.

Action:

5/25/2010 Follow-Up - Site Visit Contact: Store personnel Inspector: Lewis, Deborah

Notes: Fuel areas are not connected to storm drains. Will recommend cleaning of storm drain with vegetation. Will mail COMAR. 26.10.01 Oil Pollution

Action: Mail public education and regulation information

9/15/2009 Intial - Site Visit Contact: None Inspector: EA Engineering
Notes: Fuel areas connected to storm drain.
Action: Not a Hotspot

Tax_id:	01205307	OWN_1:	Constant Limited Partnership
Business:	Exxon (3424 Emmorton)	OWN_2:	c/o Brooks&Goldman Realty
Location:	Abingdon	OWN_AD_1:	P.O. Box 32591
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21282
		LEGAL_2:	3424 Emmorton Road
		P_CITY:	Abingdon
		P_Z_1:	21009

6/2/2010 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Mailed public education information and COMAR Title 26.
Action:

Tax_id: 01280473
Business: Exxon(2940 Emmorton)
Location: 2940 Emmorton Road
Business Owner:
Phone Number:

OWN_1: BEARSCH'S CORNER LLC
OWN_2:
OWN_AD_1: C/O EXXON MOBIL CORP
OWN_AD_2: PO BOX 53
OWN_CITY: HOUSTON
OWN_STATE: TX
OWN_Z_1: 77001
LEGAL_2: 2940 EMMORTON ROAD
P_CITY: ABINGDON
P_Z_1: 21009

6/2/2010 Compliance - Letter Contact: None Inspector: Lewis, Deborah
Notes: Mailed public education information and COMAR Title 26.
Action:

Tax_id:	01031562	OWN_1:	Edgewater Partnership
Business:	Firestone Tire& Auto Center	OWN_2:	
Location:	Edgewood	OWN_AD_1:	601 E. Pratt St, Suite 600
Business Owner:	Blair Weikel	OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21202
		LEGAL_2:	1919 Pulaski Highway
		P_CITY:	Edgewwod
		P_Z_1:	21040

5/26/2010	Compliance - Site Visit	Contact: Blair Weikel	Inspector: Lewis, Deborah
Notes:	scrap tires and empty drums are stored in lacked cage okay for recycling. Site okay. Will mail public information education.		
Action:			

9/16/2009	Intial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	outdoor storage of tires, oil, drum lacks cover. Dumpster near storm drain inlet. Downspouts discharge to imperviuos surface.		
Action:	Not a hotspot		

Tax_id: 01236164
Business: First Choice Automotive
Location: 710 Pulaski Highway
Business Owner: Scott Cooper
Phone Number: 410.967.2720

OWN_1: 710 PULASKI HIGHWAY LLC
OWN_2:
OWN_AD_1: 22 WESTSPRING WAY
OWN_AD_2:
OWN_CITY: LUTHERVILLE
OWN_STATE: MD
OWN_Z_1: 21093
LEGAL_2: 710 PULASKI HIGHWAY
P_CITY: JOPPA
P_Z_1: 21085

12/14/2011 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: potential, vehicles, scrap, overflowing dumpsters
Action:

Tax_id: 01043927
Business: G.Goss Contracting
Location: Joppa
Business Owner:
Phone Number:

OWN_1: 1113 Clayton Road LLC
OWN_2:
OWN_AD_1: 2710 Winters Run Road
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 1113-1115 Clayton Road
P_CITY: Joppa
P_Z_1: 21085

9/27/2011 Compliance - Site Visit Contact: None
Notes: okay
Action: mail letter

Inspector: Lewis, Deborah

8/3/2011 Follow-Up - Site Visit Contact: None
Notes: no corrective actions
Action:

Inspector: Lewis, Deborah

6/16/2011 Follow-Up - Site Visit Contact: Greg Gross Inspector: Lewis, Deborah
Notes: Final met owner at site will address issues
Action: mail certified letter

4/14/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: some clean-up
Action: mail letter

3/21/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: mailed certified letter
Action:

3/16/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: overflowing dumpster and debris
Action: will mail letter to property owner

12/22/2010

Intial - Site Visit

Contact: None

Inspector: Versar, Inc.

Notes:

overflowing dumpster

Action:

Tax_id: 01089315
Business: General Appliance LLC
Location: Abingdon
Business Owner:
Phone Number:

OWN_1: John W. Spencer
OWN_2: Norman Spencer
OWN_AD_1: P.O. Box 427
OWN_AD_2:
OWN_CITY: Abingdon
OWN_STATE: Md
OWN_Z_1: 21009
LEGAL_2: 1309 Abingdon Road
P_CITY: Abingdon
P_Z_1: 21009

12/5/2011 Compliance - Site Visit Contact: Art Schaefer
Notes: okay
Action: send letter

Inspector: Lewis, Deborah

8/23/2011 Follow-Up - Site Visit Contact: Nancy and John Spencer and Mr. Schafer
Notes: will address old truck and cars, air conditioner units, motor, will remove diesel tank
Action:

Inspector: Lewis, Deborah

7/28/2011 Follow-Up - Letter Contact: None

Inspector: Lewis, Deborah

Notes: mailed certified letter for site visit

Action:

12/16/2010 Intial - Site Visit Contact: None

Inspector: Versar, Inc.

Notes:

Action:

Tax_id:	01031562	OWN_1:	Edgewater Partnership
Business:	Giant Food	OWN_2:	
Location:		OWN_AD_1:	601 E. Pratt St. Fl. 6
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21202
		LEGAL_2:	1807 Pulaski Highway
		P_CITY:	Edgewood
		P_Z_1:	21040

5/25/2010	Closed - Letter	Contact: None	Inspector: Lewis, Deborah
Notes:	Mail public education to property owner.		
Action:			

9/16/2009	Intial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	Business is closed, downspout discharges to impervious surface		
Action:	Not a Hotspot		

Tax_id:	01236695	OWN_1:	VEI Abingdon LLC.
Business:	Giants Gas Station	OWN_2:	
Location:	3299 Emmorton Road	OWN_AD_1:	1500 Serpentine Rd. Ste. 100
Business Owner:	Ron Gallager	OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21209
		LEGAL_2:	3299 Emmorton Road
		P_CITY:	Abingdon
		P_Z_1:	21009

9/13/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
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Notes: Mailed public education information and COMAR title 26.

Action:

Tax_id: 01081748
Business: Giovanni's Restaurant
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: John C. Martino, jr.
OWN_2: Frank Martino et Al
OWN_AD_1: 2101 Pulaski Higway
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 2101 Pulaski Highway
P_CITY: Edgewwod
P_Z_1: 21040

5/26/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: will mail public education info.

Action:

9/16/2009 Intial - Site Visit Contact: None

Inspector: EA Engineering

Notes: downspouts discharge to imperviuos surface.

Action: Not a hotspot.

Tax_id: 01373714
Business: Goins Auctioneers
Location:
Business Owner:
Phone Number:

OWN_1: James Goins
OWN_2:
OWN_AD_1: 3804 Prospect Road
OWN_AD_2:
OWN_CITY: Street
OWN_STATE: Md
OWN_Z_1: 21154
LEGAL_2: 503 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

12/6/2011 Compliance - Site Visit Contact: None
Notes: Not a hotspot
Action:

Inspector: Versar, Inc.

Tax_id: 01157655
Business: Goodyear Tires
Location:
Business Owner:
Phone Number:

OWN_1: Misty Meadows Management
OWN_2:
OWN_AD_1: 702 Pulaski Highway
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 702 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

12/6/2011 Compliance - Site Visit Contact: None
Notes: Not a hotspot
Action:

Inspector: Versar, Inc.

Tax_id: 01044400
Business: Greb Services
Location: Joppa
Business Owner: Ray Greb
Phone Number: 410.375.9235

OWN_1: Ray Greb
OWN_2:
OWN_AD_1: 3009 North Wind Road
OWN_AD_2:
OWN_CITY: Baltimore
OWN_STATE: Md
OWN_Z_1: 21234
LEGAL_2: 1108 S. Mountain Road
P_CITY: Joppa
P_Z_1: 21985

10/5/2011 Compliance - Site Visit Contact: Ray Greb

Inspector: Lewis, Deborah

Notes: okay

Action: mail letter

9/27/2011 Follow-Up - Site Visit Contact: Ray Greb

Inspector: Lewis, Deborah

Notes: Will complete corrective actions by 10/4/2011

Action:

9/13/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: site visit very little work done
Action: mail letter

6/30/2011 Intial - Site Visit Contact: Ray Greb Inspector: Lewis, Deborah
Notes: Will remove scrap, oil drums, will get secondary containment and build canopy
Action: mail letter

Tax_id: 01181912
Business: Gt Performance Inc.
Location: 2113 Columbia ParkDr.
Business Owner:
Phone Number:

OWN_1: Two Thousand One Hundred Thirtee
OWN_2:
OWN_AD_1: 7 Church Lane
OWN_AD_2:
OWN_CITY: Baltimore
OWN_STATE: Md
OWN_Z_1: 21208
LEGAL_2: 2113 Columbia Park dr.
P_CITY: Edgewood
P_Z_1: 21040

9/15/2009 Compliance - Site Visit Contact: None

Inspector: EA Engineering

Notes:

Action:

Tax_id:	01012320	OWN_1:	2704 PULASKI HIGHWAY LLC
Business:	Harford Rentals, Inc.	OWN_2:	
Location:	2704 Pulaski Highway	OWN_AD_1:	1560 SOMERVILLE RD
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	BEL AIR
		OWN_STATE:	MD
		OWN_Z_1:	21015
		LEGAL_2:	2704 PULASKI HIGHWAY
		P_CITY:	EDGEWOOD
		P_Z_1:	21040

9/15/2009	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
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Notes: site visit okay, fuel tanks due too size and not directly connected to storm drain do not require containment, other fuel is propane which becomes a gas when released

Action:

Tax_id: 01274422
Business: High's Dairy Store (BelAir South)
Location: 4 BelAir South Parkway
Business Owner:
Phone Number: 410.569.8752 410.854.3636ext109

OWN_1: Blue Spruce Commercial LLC.
OWN_2:
OWN_AD_1: 2700 Philadelphia Rd.
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 4 Bel Air South Parkway
P_CITY: Bel Air
P_Z_1: 21015

12/21/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: Site visit okay

Action:

10/13/2010 Follow-Up - Phone Call Contact: Kevin Green

Inspector: Lewis, Deborah

Notes: Mr. Green from Retail Operations informed me they have replaced dumpster and will try to remove rust stains with a n eco-friendly cleaner.7477 New Ridge Road, Hanover, md. 21076.

Action:

9/13/2010 Intial - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Leaky dumpster.Mailed public education information and COMAR Title 26.
Action:

Tax_id:	05050480	OWN_1:	Graham&Barbara Thompson
Business:	High's Dairy Store (Whiteford)	OWN_2:	High's of Baltimore, Inc.
Location:	2420 Whiteford Rd	OWN_AD_1:	6437 Rock Forest Dr. Apt. 306
Business Owner:		OWN_AD_2:	7477 New Ridge Road
Phone Number:	410.893.7059	OWN_CITY:	Bethesda
		OWN_STATE:	Md
		OWN_Z_1:	20817
		LEGAL_2:	2420 Whiteford Rd.
		P_CITY:	Whiteford
		P_Z_1:	21160

9/14/2010 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Mailed public education information and COMAR Title 26.
Action:

Tax_id: 01027492
Business: High's of Baltimore(Joppa)
Location: 910 Philadelphia Road
Business Owner:
Phone Number:

OWN_1: FOUR D'S ASSOCIATES
OWN_2:
OWN_AD_1: C/O HIGH'S OF BALTIMORE INC
OWN_AD_2: 7477 NEW RIDGE RD
OWN_CITY: HANOVER
OWN_STATE: MD
OWN_Z_1: 21076
LEGAL_2: 910 PHILADELPHIA ROAD
P_CITY: JOPPA
P_Z_1: 21085

6/2/2010 Compliance - Letter Contact: None

Inspector: Lewis, Deborah

Notes: Mailed public information and COMAR Title 26.

Action:

Tax_id: 04041941
Business: High's Shell Station (Federal Hill)
Location: Jarrettsville
Business Owner:
Phone Number:

OWN_1: 3711 Federal hill Road LLC
OWN_2: SEL Properties
OWN_AD_1: P.O. Box 230
OWN_AD_2:
OWN_CITY: Jarrettsville
OWN_STATE: Md
OWN_Z_1: 21084
LEGAL_2: 3711 Federal Hill Road
P_CITY: Jarrettsville
P_Z_1: 21084

9/8/2010 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Mailed public education information and COMAR Title 26.
Action:

Tax_id: 0117569*6
Business: Hoban"s Welding
Location:
Business Owner:
Phone Number:

OWN_1: John&Shirley Hoban
OWN_2:
OWN_AD_1: 510 Stans Rd
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 2729 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

12/14/2011 Intial - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Potential,vehicles and car parts

Action:

Tax_id: 01088483
Business: Home Depot
Location: 2703 Pulaski Highway
Business Owner:
Phone Number:

OWN_1: HD DEVELOPMENT OF MARYLAND I
OWN_2:
OWN_AD_1: C/O HOME DEPOT USA INC #2576
OWN_AD_2: PO BOX 105842
OWN_CITY: ATLANTA
OWN_STATE: GA
OWN_Z_1: 30348
LEGAL_2: 2703 PULASKI HIGHWAY
P_CITY: EDGEWOOD
P_Z_1: 21040

9/15/2009 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: site visit okay

Action:

Tax_id: 01095048

Business: House

Location:

Business Owner:

Phone Number:

OWN_1: Matt LLC

OWN_2:

OWN_AD_1: 1 Maurice Drive

OWN_AD_2:

OWN_CITY: Forest Hill

OWN_STATE: Md

OWN_Z_1: 21050

LEGAL_2: 1200 Pulaski Highway

P_CITY: Joppa

P_Z_1: 21085

12/7/2011 Compliance - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Not a hotspot

Action:

Tax_id:	01072412	OWN_1:	Genesis Investments LLC
Business:	I-Mark	OWN_2:	
Location:	Edgewood	OWN_AD_1:	P.O. Box 498
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Joppa
		OWN_STATE:	Md
		OWN_Z_1:	21085
		LEGAL_2:	2710 Pulaski Highway
		P_CITY:	Edgewood
		P_Z_1:	21040

12/22/2010	Closed - Phone Call	Contact: MDE Oil Control Program	Inspector: Lewis, Deborah
Notes:	Mde inspector Josh Roach wi9ll do follow-up 410.537.3037		
Action:	Will call me with update		

12/21/2010	Follow-Up - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Oil stained gravel, must be removed		
Action:	No one at site left business card, will contact property owner about clean-up.		

Tax_id: 01179012
Business: Innovative Plastic Solutions
Location: Abingdon
Business Owner:
Phone Number:

OWN_1: Harford LLC
OWN_2:
OWN_AD_1: 1306 Governor Court
OWN_AD_2:
OWN_CITY: Abingdon
OWN_STATE: Md
OWN_Z_1: 21009
LEGAL_2: 1306 Governor Court
P_CITY: Abingdon
P_Z_1: 21009

8/3/2011 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: okay
Action:

12/15/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential,vehicle operations,outdoor storage,waste mgmt,physical plant
Action:

Tax_id: 01037978
Business: Intercon Truck Equipment
Location:
Business Owner:
Phone Number: 410.679.4900

OWN_1: 1200 Philadelphia Road LLC
OWN_2:
OWN_AD_1: 1200 Pauls Ln
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 1200 Pauls Ln
P_CITY: Joppa
P_Z_1: 21085

12/16/2011 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: potential, overflowing dumpster, vehicles
Action:

Tax_id: 01220462
Business: J.B. Hunt
Location: Joppa
Business Owner:
Phone Number:

OWN_1: Philadelphia Road 706 LLC
OWN_2:
OWN_AD_1: 4600 Thunder Court
OWN_AD_2:
OWN_CITY: Darlington
OWN_STATE: Md
OWN_Z_1: 21034
LEGAL_2: 706 Philadelphia Road
P_CITY: Joppa
P_Z_1: 21085

12/16/2011 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: overflowing dumpster, vehicular maintenance
Action:

Tax_id: 01038753
Business: JC Discount Tire/Mystic Gas Station
Location: 2102 Pulaski Highway
Business Owner: John& Rene Pasquinelli
Phone Number: 410.679.0304

OWN_1: PASQUINELLI JOHN R
OWN_2: PASQUINELLI RENE A
OWN_AD_1: 120 LYNBROOK RD
OWN_AD_2:
OWN_CITY: BEL AIR
OWN_STATE: MD
OWN_Z_1: 21014
LEGAL_2: 2102 PULASKI HIGHWAY
P_CITY: EDGEWOOD
P_Z_1: 21040

6/2/2010 Compliance - Letter Contact: None Inspector: Lewis, Deborah
Notes: Mailed public education information and COMAR Title 26.
Action:

5/25/2010 Compliance - Letter Contact: None Inspector: Lewis, Deborah
Notes: Certified letter received 5/24/2010
Action:

5/17/2010 Compliance - Letter Contact: John Pasquinelli Inspector: Lewis, Deborah
Notes: Certified letter mailed
Action:

10/23/2009 Compliance - Site Visit Contact: John Pasquinelli Inspector: Lewis, Deborah
Notes: site visit okay
Action:

8/20/2009 Follow-Up - Site Visit Contact: John Paequeinelli Inspector: Lewis, Deborah
Notes: (1) 55 gallon metal drum recommend replace with plastic, vehicles without tags are mechanical liens, trash and dumpster okay, tire storage okay , facility inspected by MDE, will call when metal drums are replaced
Action:

1/15/2009 Intial - Contact: None Inspector: EA Engineering
Notes: unlabelled 55 gallon drums, tire&vehicular storage, trash& debris, trash dumpster uncovered
Action:

Tax_id:	03061337	OWN_1:	JMJ FALLSTON PROPERTIES LLC
Business:	JMJ Fallston Properties LLC	OWN_2:	
Location:		OWN_AD_1:	PO BOX 21576
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	BALTIMORE
		OWN_STATE:	MD
		OWN_Z_1:	21282
		LEGAL_2:	2315 BEL AIR ROAD
		P_CITY:	FALLSTON
		P_Z_1:	21047

5/19/2010	Compliance - Letter	Contact: None	Inspector: Lewis, Deborah
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Notes:

Action:

4/20/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
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Notes: site visit okay

Action:

4/6/2010

Intial - Site Visit

Contact: None

Inspector: Lewis, Deborah

Notes: trash, mailed letter to business owner

Action:

Tax_id:	01017926	OWN_1:	MPM 320 LLC
Business:	Joel's Auto Repair	OWN_2:	
Location:		OWN_AD_1:	1304 BUSINESS CENTER WAY
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	EDGEWOOD
		OWN_STATE:	MD
		OWN_Z_1:	21040
		LEGAL_2:	320 PULASKI HIGHWAY
		P_CITY:	JOPPA
		P_Z_1:	21085

1/19/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Spoke with owner has permit for storing tires, storm drain in parking lot is no longer clogged, dumpster is not open, no oil stains.		
Action:			

9/16/2009	Initial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	dumpster open; tires; storm drain in parking lot is clogged; oil stains near it, Stormwater retention ponds on site.		
Action:			

Tax_id: 01018752
Business: John Burdyks Karate
Location:
Business Owner:
Phone Number:

OWN_1: John Burdyks
OWN_2:
OWN_AD_1: 6877 SW 111th Loop
OWN_AD_2:
OWN_CITY: Ocala
OWN_STATE: FL
OWN_Z_1: 34476
LEGAL_2: 3913 Pulaski Highway
P_CITY: Abingdon
P_Z_1: 21009

12/16/2011 Intial - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: potential,garbage on site

Action:

Tax_id:	01298992	OWN_1:	602 Puklaski Highway LLC
Business:	Joppa Amoco Gas	OWN_2:	
Location:	Joppa	OWN_AD_1:	6850 Sunshine Avenue
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Kingsville
		OWN_STATE:	MD
		OWN_Z_1:	21087
		LEGAL_2:	602 Pulaski Highway
		P_CITY:	Joppa
		P_Z_1:	21085

8/28/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
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Notes: Mailed public education information and COMAR Title 26. This gas station will soon be changing ownership.

Action:

Tax_id: 01038656
Business: Joppa Detailing
Location:
Business Owner:
Phone Number:

OWN_1: GOINS JAMES L
OWN_2:
OWN_AD_1: 3804 PROSPECT RD
OWN_AD_2:
OWN_CITY: STREET
OWN_STATE: MD
OWN_Z_1: 21154
LEGAL_2: 514 PULASKI HIGHWAY
P_CITY: JOPPA
P_Z_1: 21085

10/6/2009 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: site visit okay

Action:

7/16/2009 Intial - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: spoke with about powerwashing , will use wet/dry vac for excess water send literature

Action:

Tax_id: 01013130
Business: Joppa Pool
Location:
Business Owner:
Phone Number:

OWN_1: 706A Pulaski Associates LLC
OWN_2:
OWN_AD_1: 915 Middle River Road
OWN_AD_2:
OWN_CITY: Baltimore
OWN_STATE: Md
OWN_Z_1: 21220
LEGAL_2: 706-A Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

12/6/2011 Compliance - Site Visit Contact: None
Notes: Not a hotspot
Action:

Inspector: Versar, Inc.

Tax_id: 01001779
Business: Joppa Salvage
Location: Joppa
Business Owner: Paul Tharp
Phone Number: 301.773.1266 ext 102

OWN_1: Joppa Auto Salvage Inc.
OWN_2: Smith Industries
OWN_AD_1: P.O. Box 475
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 422 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

6/16/2011 Compliance - Site Visit Contact: None
Notes: implemented corrective action
Action: mailed letter 6/20/2011

Inspector: Lewis, Deborah

5/24/2011 Follow-Up - Site Visit Contact: Paul Tharp
Notes: Need to keep aluminum scrap in recycling container
Action:

Inspector: Lewis, Deborah

Tax_id: 01025716
Business: Joseph L. Winkler
Location:
Business Owner:
Phone Number:

OWN_1: Mount Horeb LLC
OWN_2:
OWN_AD_1: 1933 Mt. Horeb Road
OWN_AD_2:
OWN_CITY: Street
OWN_STATE: Md
OWN_Z_1: 21154
LEGAL_2: 709 Philadelphia Road
P_CITY: Joppa
P_Z_1: 21085

12/14/2011 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential,vehicular activities,material storage
Action:

Tax_id:	01307010	OWN_1:	Riverside Corporate Center
Business:	Kayfield Automotive Paint Corp.	OWN_2:	c/o MIE Development
Location:	Belcamp	OWN_AD_1:	2560 Lord Baltimore Drive
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21244
		LEGAL_2:	1371 -J Brass Mill Road
		P_CITY:	Belcamp
		P_Z_1:	21017

5/26/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Dumpster not near stormdrain. Mail public education info.		
Action:			

9/17/2009	Intial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	Dumpster near storm draininlet. Downspouts discharge to impervious surface.		
Action:	Not an hotspot		

Tax_id: 01017195
Business: KFC Edgewood
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: No Beef Corporation
OWN_2:
OWN_AD_1: 11019 mcCormick Rd Ste 320
OWN_AD_2:
OWN_CITY: Hunt Valley
OWN_STATE: Md
OWN_Z_1: 21031
LEGAL_2: 2000A Pulski Highway
P_CITY: Edgewood
P_Z_1: 21040

12/16/2010 Compliance - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Not a hotspot

Action:

Tax_id: 01043404
Business: L&E Bustamante Concrete CO
Location:
Business Owner:
Phone Number: 443,807.6133

OWN_1: L&E Properties LLC
OWN_2:
OWN_AD_1: P.O. Box 1035
OWN_AD_2:
OWN_CITY: Abingdon
OWN_STATE: Md
OWN_Z_1: 21009
LEGAL_2: 3602 B+O Road
P_CITY: Abingdon
P_Z_1: 21009

12/16/2011 Compliance - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Not a hotspot

Action:

Tax_id: 01001604
Business: LaFarge Plant (Joppa)
Location: Joppa
Business Owner: Jeff Thornburg
Phone Number: 410.847.3146/443.834.0500

OWN_1: CSP Associates
OWN_2:
OWN_AD_1: 59 Crystal Court
OWN_AD_2:
OWN_CITY: BelAir
OWN_STATE: Md
OWN_Z_1: 21014
LEGAL_2: 914 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

4/26/2011 Compliance - Site Visit Contact: Jeff Thornburg Inspector: Lewis, Deborah
Notes: Concrete Manufacturer. Has SWPPP , structural and non- structural controls
Action: Mailed letter 6/20/2011

Tax_id:	01055038	OWN_1:	taylor Made Properties LLC
Business:	Landscaping	OWN_2:	
Location:		OWN_AD_1:	P.O. Box 979
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Edgewood
		OWN_STATE:	Md
		OWN_Z_1:	21040
		LEGAL_2:	1520 Edgewood Road
		P_CITY:	Edgewood
		P_Z_1:	21040

12/14/2011	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Potential,construction material, trash		
Action:			

12/13/2011	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Potential,construction materials,overflowing dumpsters		
Action:			

Tax_id:	01063359	OWN_1:	Charles Vonderdeck
Business:	Lawn-A-Ranger	OWN_2:	
Location:	3474 Albantowne Way	OWN_AD_1:	3474 Albantowne Way
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Edgewood
		OWN_STATE:	Md
		OWN_Z_1:	21040
		LEGAL_2:	3474 Albantowne Way
		P_CITY:	Edgewood
		P_Z_1:	21040

9/17/2009	Compliance - Site Visit	Contact: None	Inspector: EA Engineering
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Notes:

Action:

Tax_id: 01137069
Business: Lea's Auto Service
Location: Joppa
Business Owner: 410.538.4385
Phone Number: 410.538.4385

OWN_1: Lea's Auto Service LLC.
OWN_2:
OWN_AD_1: 800 Dalewiew Drive
OWN_AD_2:
OWN_CITY: Silver Spring
OWN_STATE: Md
OWN_Z_1: 20901
LEGAL_2: 1001 Joppa Farm Road
P_CITY: Joppa
P_Z_1: Md

8/24/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: Mailed public education information and COMAR Title 26.

Action:

Tax_id: 01272292
Business: Llojenn
Location: 2107 Emmorton Park Rd. #106
Business Owner:
Phone Number:

OWN_1: Crossroad Commerce Centre
OWN_2:
OWN_AD_1: 216 Schilling Cr. STE. 300
OWN_AD_2:
OWN_CITY: Hunt Valley
OWN_STATE: Md
OWN_Z_1: 21031
LEGAL_2: 2107 Emmorton Park rd. #
P_CITY: Edgewood
P_Z_1: 21040

9/15/2009 Compliance - Site Visit Contact: None

Inspector: EA Engineering

Notes:

Action:

Tax_id: 01181920
Business: Locksmith
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: Crossroads Commerce Centre
OWN_2:
OWN_AD_1: 216 Schilling Circle Ste 300
OWN_AD_2:
OWN_CITY: Hunt Valley
OWN_STATE: Md
OWN_Z_1: 21031
LEGAL_2: 2109 Emmorton Park Road
P_CITY: Abingdon
P_Z_1: 21009

8/2/2011 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: okay
Action:

12/16/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential, vehicle operations, outdoor materials, waste mgmt,physical plant
Action:

Tax_id: 01175726
Business: Luna's House
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: Luna's House LLC
OWN_2:
OWN_AD_1: 5320Buckstone Garth
OWN_AD_2:
OWN_CITY: Abingdon
OWN_STATE: Md
OWN_Z_1: 21009
LEGAL_2: 2801 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

12/15/2010 Compliance - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Not a hotspot

Action:

Tax_id:	01042424	OWN_1:	Mars Wood bridge Center Way
Business:	Mars Supermarket	OWN_2:	
Location:	Edgewood	OWN_AD_1:	6721-B Chesapeake Drive
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Glen Burnie
		OWN_STATE:	Md
		OWN_Z_1:	21060
		LEGAL_2:	1401-N Pulaski Highway
		P_CITY:	Edgewood
		P_Z_1:	21040

8/26/2010	Compliance - Site Visit	Contact: Denise Luna	Inspector: Lewis, Deborah
Notes:	informed Ms. Luna of the location of leaky downspout.		
Action:	maintenance issue not a hotspot.		

8/19/2010	Follow-Up - Site Visit	Contact: Denise Huna	Inspector: Lewis, Deborah
Notes:	Showed store manager location of leaky downspout, she will inform property manager		
Action:	this is now a company maintenace issue		

7/9/2010 Follow-Up - Letter Contact: Louie Andrakakos Inspector:
Notes: received letter from property manger could not locate downspout.
Action: do site visit

5/26/2010 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: will mail letter about leaking downspout
Action: fix downspout.

9/16/2009 Intial - Site Visit Contact: None Inspector: EA Engineering
Notes: staining near loading area. One downspout in rear is leaking onto pavement.
Action: not a hotspot.

Tax_id:	01089919	OWN_1:	First Edgewood Property LLC
Business:	Mastertech Automotive	OWN_2:	
Location:		OWN_AD_1:	11450 Pulaski Highway
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	White Marsh
		OWN_STATE:	Md
		OWN_Z_1:	21162
		LEGAL_2:	2901 Pulaski Highway
		P_CITY:	Edgewood
		P_Z_1:	21040

12/14/2011	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Potential, vehicular activities,materials stored outside,trash		
Action:			

Tax_id:	01061518	OWN_1:	Mcdonald's
Business:	McDonald's (Pulaski Highway)	OWN_2:	
Location:	Edgewood	OWN_AD_1:	P.O. Box 182571
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Columbus
		OWN_STATE:	Oh
		OWN_Z_1:	43218
		LEGAL_2:	2201 Pulaski Highway
		P_CITY:	Edgewood
		P_Z_1:	21040

8/24/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
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Notes: Mailed public education information and COMAR Title 26.

Action:

Tax_id:	01103083	OWN_1:	WENCAM INCORPORATED
Business:	McNews(Comcast) Wencam Incoporated	OWN_2:	
Location:		OWN_AD_1:	PO BOX 18488
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	ROSEDALE
		OWN_STATE:	MD
		OWN_Z_1:	21237
		LEGAL_2:	3302 PULASKI HIGHWAY
		P_CITY:	EDGEWOOD
		P_Z_1:	21040

4/26/2010 Compliance - Email Contact: None Inspector: Lewis, Deborah

Notes: Lab report received from Atlantic Coast, Sample on ground was not chemical in nature. It is propably due to natural biological conditions.

Action:

4/12/2010 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah

Notes: business vacant and site is clean, gave public info to other property tenant on home heating oil tanks, substance on ground sampled for analysis. Otter Point Automotive is located at this site 3212 Pulaski Highway

Action:

9/15/2009

Intial - Site Visit

Contact: None

Inspector: EA Engineering

Notes: debris including batteries, television, cables should be cleaned up. Business is closed.

Action:

Tax_id: 01061879
Business: McQuire Enterprises/Joe Best
Location:
Business Owner: Mike McQuire
Phone Number: 410.459.3603

OWN_1: MIRJAFARY MASOUD
OWN_2:
OWN_AD_1: 1220 EMMORTON RD
OWN_AD_2:
OWN_CITY: BEL AIR
OWN_STATE: MD
OWN_Z_1: 21014
LEGAL_2: 2805 PULASKI HIGHWAY
P_CITY: EDGEWOOD
P_Z_1: 21040

9/13/2011 Compliance - Site Visit Contact: Mike McGuire/Elliott Kleinman Inspector: Lewis, Deborah
Notes: facility in compliance , spoke with Mr. Kleinman will send letter
Action:

9/1/2011 Follow-Up - Email Contact: Elliott Kleinmann Inspector: Lewis, Deborah
Notes: lawyer friend of Mr. McGuire called about extension to NOV
Action: e-mailed county lawyer for guidance

8/8/2011 Follow-Up - Site Visit Contact: Mike McGuire Inspector: Lewis, Deborah
Notes: Mailed NOV
Action:

7/19/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Contact law department about issuing continuing issuing the NOV
Action:

5/31/2011 Follow-Up - Site Visit Contact: Mike McGuire Inspector: Lewis, Deborah
Notes: no change from last week
Action:

5/24/2011 Follow-Up - Site Visit Contact: Mike McGuire Inspector: Lewis, Deborah
Notes: clean-up appears to have stopped
Action:

3/2/2011 Follow-Up - Site Visit Contact: Mike MdGuire Inspector: Lewis, Deborah
Notes: tenant did not come left literature
Action: schedule another visit

2/22/2011 site visit - Email Contact: Mike McGuire Inspector: Lewis, Deborah
Notes: proposed site visit 2/28/2011
Action:

2/17/2011 Follow-Up - Email Contact: Mike McGuire Inspector: Lewis, Deborah
Notes: trying to set up final site visit
Action:

2/7/2011 Follow-Up - Email Contact: Mike McGuire Inspector: Lewis, Deborah
Notes: received e-mail response to compliance inquiry
Action: will meet to discuss final compliance issues

12/8/2010 Follow-Up - Site Visit Contact: Apna Bazaar Inspector: Lewis, Deborah
Notes: clean-up continues need to wrap up,
Action: sent e-mail of site visit request establishing a deadline.

10/25/2010 Follow-Up - Site Visit Contact: Apna Bazaar Inspector: Lewis, Deborah
Notes: Several parcels are in compliance. A few need to have trash removed. E-mail Mike to have things done by 11/30/2010.
Action: sent e-mail to property owner.

9/1/2010 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Property maintenance company doing clean-up.
Action:

8/18/2010 Follow-Up - Email Contact: Mike McGuire Inspector: Lewis, Deborah
Notes: Received e-mail from Mr. McGuire. Added (2) large dumpsters. Instructed tenants trash must be in dumpsters. Arranging to have discarded drums removed. Storage of reinforced steel, rebar, and concrete wire off ground and placed on wooden supports. Tenet will cover steel.
Action: site visit

8/10/2010 Follow-Up - Letter Contact: Mike McGuire Inspector: Lewis, Deborah
Notes: Sent certified letter to find out status. Will hand deliver letter to Joe Best.
Action:

4/8/2010 Follow-Up - Letter Contact: Mike McGuire Inspector: Lewis, Deborah
Notes: Certified letter mailed to McQuire Enterprises about site visit.
Action: Certified letter received by McQuire Enterprises. Date received not on receipt.

4/7/2010 Follow-Up - Site Visit Contact: Mike McGuire Inspector: Lewis, Deborah
Notes: Site visit to hand deliver letter to Joe Best met property owner Mr. McQuire. Discuss site probelem with owner and will send letter. McQuire Enterprises is the name of business not Apna Bazaar.
Action:

3/16/2010 Follow-Up - Site Visit Contact: Mirjafary Masand Inspector: Lewis, Deborah
Notes: trash, abandon drums, tires rusty auto parts, will send letter to property owner
Action: Certified letter received on 3/30/2010.

9/15/2009

Intial - Site Visit

Contact: Apna Bazaar

Inspector: EA Engineering

Notes:

vehicles maintained and stored outside without diversion. Tires, barrels. Dumpster open and overflowing.

Action:

Tax_id: 01054805
Business: Mercy International
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: Durgados Kulkarni
OWN_2: Sanjeevania Kulkarni
OWN_AD_1: P.O. Box 856
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 1018-A Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

5/26/2010 Closed - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: business is closed.

Action:

9/16/2009 Intial - Site Visit Contact: None

Inspector: EA Engineering

Notes: Downspouts discharge to impervious surface.Plant accumulate organic matter on impervious surface.

Action: not a hotspot.

Tax_id: 01073443

Business: Motel

Location:

Business Owner:

Phone Number:

OWN_1: Tara Investments LLC

OWN_2:

OWN_AD_1: 2209 Pulaski Highway

OWN_AD_2:

OWN_CITY: Edgewood

OWN_STATE: Md

OWN_Z_1: 22104

LEGAL_2: 2209 Pulaski Highway

P_CITY: Edgewood

P_Z_1: 21040

12/13/2011 Intial - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Potential,vehicles, trash

Action:

Tax_id:	01063286	OWN_1:	1108 Joppa Road LLC
Business:	Mullhausen Automotive	OWN_2:	
Location:	Joppa	OWN_AD_1:	6850 Sunshine Ave
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Kingsville
		OWN_STATE:	
		OWN_Z_1:	21087
		LEGAL_2:	1108 Joppa Road
		P_CITY:	Joppa
		P_Z_1:	21085

4/14/2011	Compliance - Site Visit	Contact: John Mullhausen	Inspector: Lewis, Deborah
Notes:	okay		
Action:	will mail letter		

3/21/2011	Follow-Up - Letter	Contact: John Mullhausen, 1108 Joppa road LLC	Inspector: Lewis, Deborah
Notes:	mailed cetrtied letter Tom Yoo MDE wiil take care of containment issue 410.537. 3403		
Action:			

3/16/2011 Follow-Up - Site Visit Contact: John Mullhausen Inspector: Lewis, Deborah

Notes: spoke with business owner will keep dumpster close and clean up outside storage area, will contact owner about containment of oil tanks

Action: will mail letters to property and business owner and contact MDE

12/22/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.

Notes: open dumpster , outdoor storage area and oil tanks adjacent to stream

Action:

Tax_id: 01017799
Business: Muscle Car Garage
Location: Joppa
Business Owner:
Phone Number:

OWN_1: 725 Pulaski Properties LLC
OWN_2:
OWN_AD_1: 725 Pulaski Highway
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 725 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

12/16/2010 Closed - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Business is closed

Action:

Tax_id: 01057197
Business: National Budget Muffler
Location:
Business Owner: Brian Trees
Phone Number: 410.679.0091

OWN_1: TREES KENNETH W
OWN_2:
OWN_AD_1: 4800 WATER PARK DR UNIT G
OWN_AD_2:
OWN_CITY: BELCAMP
OWN_STATE: MD
OWN_Z_1: 21017
LEGAL_2: 700 PULASKI HIGHWAY
P_CITY: JOPPA
P_Z_1: 21085

5/17/2010 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Site visit okay, will mail letter to property owner.
Action: Mailed certified letter 5/19/2010

1/25/2010 Follow-Up - Letter Contact: Brian Trees Inspector: Lewis, Deborah
Notes: mailed letter to business owner about site visit
Action: Letter mailed 1/25/2010.

1/19/2010 Follow-Up - Site Visit Contact: Brian Trees Inspector: Lewis, Deborah

Notes: Spoke with the owner they recylce their tires and old cars, some cars are kept for spare parts, the oil tanks contain waste oil and antifreeze that's recycled, spoke with owner about keeping caps on waste oil and antifreeze tanks,

Action:

9/16/2009 Intial - Site Visit Contact: None Inspector: EA Engineering

Notes: Junk vehicles, tires, rusty oil tank and drums, other waste.

Action:

Tax_id: 01031961
Business: New Covenant Heating
Location:
Business Owner: Joe Lucas
Phone Number: 410.612.0059

OWN_1: EDGEWOOD SUPERMARKET INC
OWN_2:
OWN_AD_1: 722 S MAIN ST
OWN_AD_2:
OWN_CITY: BEL AIR
OWN_STATE: MD
OWN_Z_1: 21014
LEGAL_2: 2200 PHILADELPHIA ROAD
P_CITY: EDGEWOOD
P_Z_1: 21040

8/19/2010 Compliance - Site Visit Contact: None
Notes: site visit still in compliance
Action:

Inspector: Lewis, Deborah

5/25/2010 Compliance - Letter Contact: None
Notes: Certified letter received 5/21/2010.
Action:

Inspector: Lewis, Deborah

5/17/2010 Compliance - Site Visit Contact: Joe Lucas Inspector: Lewis, Deborah
Notes: Site visit to hand deliver unclaimed letter everything was okay. Spoke with Mr. Lucas about regular removal of scrap items.
Action: Mail certified letter on 5/19/2010.

4/22/2010 Follow-Up - Letter Contact: Joe Lucas Inspector: Lewis, Deborah
Notes: Joe Lucas the tenant sent letter back unclaimed
Action: Chrisitne will get guidance from law department on how to handle certified mail that is returned.

4/16/2010 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: property owner sent letter back unclaimed
Action:

3/23/2010 Follow-Up - Letter Contact: Joe Lucas Inspector: Lewis, Deborah
Notes: Certified letter about site visit returned unclaimed from Joe Lucas and property owner Edgewood Supermarkets, Inc.
Action: Asked Chrisitne to disuss with county lawyer how to addres this issue.

3/16/2010 Follow-Up - Site Visit Contact: Office Manager Inspector: Lewis, Deborah

Notes: Spoke with office manager about removal of discarded water heaters, heat pumps, etc. will send letter to property owner and tenant.

Action:

9/15/2009 Intial - Site Visit Contact: None Inspector: EA Engineering

Notes: Insulation should be removed. Dumpster open. Building has stains.

Action:

Tax_id: 01097199
Business: Next Generation Mechanic
Location: Abingdon
Business Owner:
Phone Number: 410.676.7138

OWN_1: 4000-4004 Pulaski Highway LLC
OWN_2:
OWN_AD_1: 1110 S. Philadelphia Blvd
OWN_AD_2:
OWN_CITY: Aberdeen
OWN_STATE: Md
OWN_Z_1: 21009
LEGAL_2: 4004 Pulaski Highway
P_CITY: Abingdon
P_Z_1: 21009

4/4/2011 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: cars stored from accident fluids removed
Action: send owners info on home heating tanks

12/22/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: storage area connected to stream
Action:

Tax_id:	02059967	OWN_1:	131 S. Philadelphia Blvd LLC
Business:	Norman's Salvage	OWN_2:	
Location:	Aberdeen	OWN_AD_1:	616 N. Paradise Road
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Aberdeen
		OWN_STATE:	Md
		OWN_Z_1:	21001
		LEGAL_2:	1301 S. Philadelphia Blv
		P_CITY:	Aberdeen
		P_Z_1:	21001

8/8/2011	Closed - Phone Call	Contact: None	Inspector: Lewis, Deborah
Notes:	Received call from Jared MDE doing investigation for general stormwater permit		
Action:			

8/1/2011	Closed - Phone Call	Contact: Shannon at MDE	Inspector: Lewis, Deborah
Notes:	Contacted Shannon at MDE again for site inspection and general stormwater permit.		
Action:	Shannon will follow-up with Cambridge office		

5/26/2011 Follow-Up - Site Visit Contact: KathyNorman Inspector: Lewis, Deborah
Notes: Oil spills and housekeeping issue
Action: Contact MDE Cambridge office for inspection and general stormwater permit

4/29/2011 Intial - Letter Contact: None Inspector: Lewis, Deborah
Notes: mailed letter for site visit
Action:

Tax_id: 01226487
Business: Office Building
Location:
Business Owner:
Phone Number:

OWN_1: Paca Drive Limited
OWN_2:
OWN_AD_1: 1 Texas Station
OWN_AD_2:
OWN_CITY: Timonium
OWN_STATE: Md
OWN_Z_1: 21093
LEGAL_2: 1305 Continental Drive
P_CITY: Abingdon
P_Z_1: 21009

12/13/2011 Compliance - Site Visit Contact: None
Notes: Not a hotspot
Action:

Inspector: Versar, Inc.

Tax_id:	01103075	OWN_1:	Wencam Incorporated
Business:	Otter Point Automotive , LLC.	OWN_2:	
Location:	Edgewood	OWN_AD_1:	P.O. Box 18488
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Rosedale
		OWN_STATE:	Md
		OWN_Z_1:	21237
		LEGAL_2:	3302 Pulaski Highway
		P_CITY:	Edgewood
		P_Z_1:	21040

4/12/2010	Compliance - Site Visit	Contact: Tenant	Inspector: Lewis, Deborah
Notes:	okay, left information on home oil tanks.		
Action:			

9/15/2009	Intial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	vehicles stored/repared outside without diversion. Pallets		
Action:	Not a hotspot.		

Tax_id: 01065920
Business: Otter Creek Marina
Location: 600 Otter Point Road
Business Owner: Chris White
Phone Number: 410.676.0994

OWN_1: OTTER POINT CLUB THE
OWN_2:
OWN_AD_1: 600 OTTER POINT RD
OWN_AD_2:
OWN_CITY: ABINGDON
OWN_STATE: MD
OWN_Z_1: 21009
LEGAL_2: 600 OTTER POINT ROAD
P_CITY: ABINGDON
P_Z_1: 21009

5/4/2009 Compliance - Email Contact: None Inspector: Lewis, Deborah
Notes: received e-mail from owner visited site on 5/4/2009 signs are posted.
Action:

4/29/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: the owner has informed me that the signs will not be posted . I have been trying to get the owner to post these signs for over a year. It is my opinion that the owner has no intention of ever posting the signs. Will send him an e-mail informing him that his noncompliance status will be included in our report to MDE. Also I will make this information available to DNR for their inspection puposes.
Action:

1/9/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah

Notes: visited site , spoke with owner will have signs posted by Mach 1, 2009, will send letter

Action:

Tax_id:	01060325	OWN_1:	Anthony Winsom
Business:	Pawsitively Purrfect Grooming	OWN_2:	
Location:	1014 Edgewood Rd.	OWN_AD_1:	3531 Anderson Lane
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Jarrettsville
		OWN_STATE:	Md
		OWN_Z_1:	21084
		LEGAL_2:	1014 Edgewood Rd.
		P_CITY:	Edgewood
		P_Z_1:	21040

9/16/2009 Compliance - Site Visit Contact: None Inspector: EA Engineering

Notes:

Action:

Tax_id:	01095900	OWN_1:	Joseph A. Schaefer
Business:	Performance Lube and Tube	OWN_2:	
Location:	Abingdon	OWN_AD_1:	3900 Pulaski Highway
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Abingdon
		OWN_STATE:	Md
		OWN_Z_1:	21009
		LEGAL_2:	3900 Pulaski Highway
		P_CITY:	Abingdon
		P_Z_1:	21009

12/2/2011	Closed - Phone Call	Contact: Mr. Schaefer	Inspector: Lewis, Deborah
Notes:	P&Z has implemented enforcement action		
Action:			

8/4/2011	Follow-Up - Site Visit	Contact: Mr. Schaefer	Inspector: Lewis, Deborah
Notes:	oil stains, tires,cars, batterieswill mail letter		
Action:	mail certified letter		

7/7/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: mailed a certified letter for site visit
Action:

12/22/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Confirmed, vehicle operations, outdoor materials,waste mgmt,physical plant,turf
Action:

Tax_id: 01199021
Business: Plumb Crazy
Location: Abingdon
Business Owner:
Phone Number: 410.679.7575

OWN_1: 1302 Continental Drive LLC
OWN_2:
OWN_AD_1: 1203 Glenville Ct
OWN_AD_2:
OWN_CITY: Churchville
OWN_STATE: Md
OWN_Z_1: 21028
LEGAL_2: 1302 Continental Drive
P_CITY: Abingdon
P_Z_1: 21009

5/25/2011 Closed - Site Visit Contact: None Inspector:
Notes: MDE issued a notice of non compliance to the facility will enforce
Action:

5/9/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Tom Yoo MDE will investigate oil issues.
Action:

5/6/2011 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: working on corrective actions, continue to monitor fuel tanks
Action:

4/4/2011 Follow-Up - Site Visit Contact: Dennis Maggiore Inspector: Lewis, Deborah
Notes: need to address storage and maintenance issues.
Action: mail certified letter.

12/22/2010 Initial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: open dumpster, fueling area near stream
Action:

Tax_id: 01038540
Business: Post Office
Location:
Business Owner:
Phone Number:

OWN_1: Post Office
OWN_2:
OWN_AD_1: 4401 Pulaski Highway
OWN_AD_2:
OWN_CITY: Belcamp
OWN_STATE: Md
OWN_Z_1: 21017
LEGAL_2: 4401 Pulaski Highway
P_CITY: Belcamp
P_Z_1: 21017

12/16/2011 Compliance - Site Visit Contact: None
Notes: Not a hotspot
Action:

Inspector: Versar, Inc.

Tax_id: 01075764
Business: Prestige Auto Sales & Service
Location: Abingdon
Business Owner: Kurtis Reed
Phone Number: 443.922.9476

OWN_1: 3919 Pulaski Highway LLC
OWN_2: c/o Potts and Potts PA
OWN_AD_1: 200 E. Lexington St STE 11032
OWN_AD_2:
OWN_CITY: Baltimore
OWN_STATE: Md
OWN_Z_1: 21202
LEGAL_2: 3919 Pulaski Highway
P_CITY: Abingdon
P_Z_1: 21009

4/11/2011 Compliance - Letter Contact: None

Inspector: Lewis, Deborah

Notes: business in compliance

Action:

4/4/2011 property cleaned up , n Contact: Kurtis Reed

Inspector: Lewis, Deborah

Notes:

Action:

3/21/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: certified letter mailed
Action:

3/16/2011 Follow-Up - Site Visit Contact: Kurtis Reed Inspector: Lewis, Deborah
Notes: Will keep dumpster closed and clean up outdoor storage area
Action: mail letter to business owner

12/22/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: open dumpster and outdoor storage area near wetland
Action:

Tax_id: 01274414

Business: Proctor& Gamble

Location: Joppa

Business Owner:

Phone Number:

OWN_1: Noxell Corporation

OWN_2:

OWN_AD_1: P.O. Box 599

OWN_AD_2:

OWN_CITY: Cinnцинatti

OWN_STATE: Oh

OWN_Z_1: 45201

LEGAL_2: 1805 Fashion Court Way

P_CITY: Joppa

P_Z_1: 21085

12/15/2010 Compliance - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Not a hotspot

Action:

Tax_id: 01055445
Business: P-Tow Motors
Location:
Business Owner:
Phone Number:

OWN_1: E&N LLC
OWN_2:
OWN_AD_1: 415 A Pulaski Highway
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 902 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

12/13/2011 Compliance - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Not a hotspot

Action:

Tax_id: 01017144
Business: Quality Body Works
Location: Edgewood
Business Owner: Mark Williams
Phone Number:

OWN_1: 201-13 Edgewood LLc
OWN_2: c/o George Clampet
OWN_AD_1: 2622 Winters Run Road
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 211-C Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

9/1/2010 Compliance - Site Visit Contact: Mark Williams Inspector: Lewis, Deborah
Notes: site in compliance
Action: mail certified letter

8/26/2010 Follow-Up - Site Visit Contact: Mark Williams Inspector: Lewis, Deborah
Notes: need to rmove scap tires.
Action: mail letter

8/19/2010 Follow-Up - Site Visit Contact: Mark williams Inspector: Lewis, Deborah
Notes: need to remove scap tires, has moved some operations inside garage
Action: revisit

5/26/2010 Intial - Site Visit Contact: Mark Williams Inspector: Lewis, Deborah
Notes: Performs body work outside no painting, have to remove containers of deisel and accumulated scrap.
Action: revisit

Tax_id: 01063456
Business: Ray's Body Works
Location: Joppa
Business Owner:
Phone Number:

OWN_1: 152 holdings LLC
OWN_2:
OWN_AD_1: 1113 Mountain Road
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 1115 Mountain Road
P_CITY: Joppa
P_Z_1: @1085

12/5/2011 Compliance - Site Visit Contact: Ray

Inspector: Lewis, Deborah

Notes: okay

Action: mail letter

9/27/2011 Follow-Up - Site Visit Contact: Ray

Inspector: Lewis, Deborah

Notes: remove debris off hill, scrap tires and debris

Action: mail certified letter

7/7/2011 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: mailed certified letter for site visit
Action:

12/14/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential,vehicle operations, waste manaagement,outdoor materials
Action:

Tax_id: 01088807
Business: Razorback Customs LLC
Location:
Business Owner:
Phone Number:

OWN_1: 901 Philadelphia Road LLC
OWN_2:
OWN_AD_1: 901 Philadelphia Road
OWN_AD_2:
OWN_CITY: Joppa
OWN_STATE: Md
OWN_Z_1: 21085
LEGAL_2: 901 Philadelphia Road
P_CITY: Joppa
P_Z_1: 21085

12/14/2011 Compliance - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Not a hotspot

Action:

Tax_id:	01126296	OWN_1:	Joppatowne Limited GP
Business:	Redner's Quick Shop	OWN_2:	
Location:	Joppa	OWN_AD_1:	601 E. Pratt St. FL. 6
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21202
		LEGAL_2:	1002A Joppa Farm Road
		P_CITY:	Joppa
		P_Z_1:	21085

8/24/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
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Notes: Mailed public education info and COMAR Title 26

Action:

Tax_id:	01119419	OWN_1:	Charles&Sheila Baldwin
Business:	Ritas Italian Ice	OWN_2:	
Location:		OWN_AD_1:	P.O. Box 1246
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Abingdon
		OWN_STATE:	Md
		OWN_Z_1:	21009
		LEGAL_2:	523 Pulaski Highway
		P_CITY:	Joppa
		P_Z_1:	21085

12/6/2011	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Potential, propane gas tanks,		
Action:			

Tax_id:	01252046	OWN_1:	RIVERSIDE PARKWAY LIMITED
Business:	Riverside Sunoco	OWN_2:	PARTNERSHIP
Location:	1319 Riverside Parkway	OWN_AD_1:	C/O SUNOCO INC
Business Owner:	Mark O'Grysko	OWN_AD_2:	1735 MARKET ST STE LL
Phone Number:		OWN_CITY:	PHILADELPHIA
		OWN_STATE:	PA
		OWN_Z_1:	19103
		LEGAL_2:	1319 RIVERSIDE PARKWAY
		P_CITY:	BELCAMP
		P_Z_1:	21017

6/2/2010	Compliance - Letter	Contact: None	Inspector: Lewis, Deborah
Notes:	Mailed public education information and COMAR Title 26		
Action:			

9/15/2009	Compliance - Site Visit	Contact: Mark O'Grysko	Inspector: Lewis, Deborah
Notes:	site visit okay, oil spill control kit onsite		
Action:			

Tax_id: 011149725
Business: Ronkin Construction
Location: Joppa
Business Owner:
Phone Number:

OWN_1: K & B Realty, Inc.
OWN_2:
OWN_AD_1: 415 Timonium Ct.
OWN_AD_2:
OWN_CITY: Hdg
OWN_STATE: Md
OWN_Z_1: 21078
LEGAL_2: 1201 Pauls Lane
P_CITY: Joppa
P_Z_1: 21085

8/4/2011 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: okay
Action:

12/30/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: vehicle operations,outdoor materials, waste management, physical plant
Action:

Tax_id: 01048449
Business: Royal Farms # 65
Location: 630 Edgewood Rd.
Business Owner: Rob Reinhart
Phone Number:

OWN_1: Two Farms Inc.
OWN_2:
OWN_AD_1: 3611 Roland Ave.
OWN_AD_2:
OWN_CITY: Baltimore
OWN_STATE: Md
OWN_Z_1: 21211
LEGAL_2: 630 Edgewood Rd.
P_CITY: Edgewood
P_Z_1: 21040

9/14/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: Mailed public education information and COMAR Title 26.

Action:

Tax_id: 03038912
Business: Royal Farms Store (Fountain Green)
Location: Bel Air
Business Owner:
Phone Number:

OWN_1: Two Farms Inc.
OWN_2:
OWN_AD_1: 3611 Roland Avenue
OWN_AD_2:
OWN_CITY: Baltimore
OWN_STATE: Md
OWN_Z_1: 21211
LEGAL_2: 203 Fountain Green Road
P_CITY: Bel Air
P_Z_1: 21015

6/2/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: Mailed public education information and COMAR Title 26.

Action:

Tax_id: 05025567
Business: Royal Farms Store (Street)
Location: Street
Business Owner:
Phone Number:

OWN_1: Keyser Lou Ann et Al
OWN_2: c/o Royal Farms
OWN_AD_1:
OWN_AD_2: 3611 Roland Avenue
OWN_CITY: Baltimore
OWN_STATE: Md
OWN_Z_1: 21211
LEGAL_2: 3606 Conwingo Road
P_CITY: Street
P_Z_1: 21154

6/2/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: Mailed public information and COMAR Title 26.

Action:

Tax_id:	01055739	OWN_1:	Enfield Realty, Inc.
Business:	Royal Farms Store (Philadelphia Road)	OWN_2:	
Location:	Abingdon	OWN_AD_1:	3611 Roland Avenue
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21211
		LEGAL_2:	2603 Philadelphia Road
		P_CITY:	Abingdon
		P_Z_1:	21009

12/21/2010	Compliance - Site Visit	Contact: Store Manager	Inspector: Lewis, Deborah
Notes:	Spill kit onsite		
Action:			

9/8/2010	Intial - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Gas station does not have spill clean-up material onsite. Will revisit. Mail letter and public education information and COMAR Title 26.		
Action:			

Tax_id:	01066463	OWN_1:	Mountain Road Inn Inc., The
Business:	Royal Farms Store(2622 Mountain Road)	OWN_2:	
Location:	Joppa	OWN_AD_1:	404 Old Joppa Road
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Fallston
		OWN_STATE:	
		OWN_Z_1:	21047
		LEGAL_2:	2622 Mountain Road
		P_CITY:	Joppa
		P_Z_1:	21085

6/2/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Mailed public education information and COMAR title 26		
Action:			

Tax_id:	03062317	OWN_1:	2906 Churchville Road LLC
Business:	RoyalFarms Store (2906 Churchville)	OWN_2:	
Location:	Churchville	OWN_AD_1:	601 Whitaker Road
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Joppa
		OWN_STATE:	Md
		OWN_Z_1:	21085
		LEGAL_2:	2906 Churchville Road
		P_CITY:	Churchville
		P_Z_1:	21208

6/2/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Mailed public education information and COMAR Title 26.		
Action:			

Tax_id: 01182536
Business: RSC Rental Equipment
Location: 1303 Governor Court
Business Owner: Dan Madeira
Phone Number: 302.353.0813

OWN_1: A & S REAL ESTATE LLP
OWN_2:
OWN_AD_1: PO BOX 5630
OWN_AD_2:
OWN_CITY: BALTIMORE
OWN_STATE: MD
OWN_Z_1: 21210
LEGAL_2: 1303 GOVERNOR COURT
P_CITY: ABINGDON
P_Z_1: 21009

3/23/2009 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: site visit in compliance

Action:

Tax_id:	01015710	OWN_1:	Steve McBride
Business:	S&H Cleaners and Alterartions	OWN_2:	Edgewood Plaza Associates LLC.
Location:	Edgewood	OWN_AD_1:	9001 Congressional Court
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Potomac
		OWN_STATE:	Md
		OWN_Z_1:	20854
		LEGAL_2:	2204 Hanson Road
		P_CITY:	Edgewood
		P_Z_1:	21040

6/14/2010 Compliance - Phone Call Contact: Steve McBride Inspector: Lewis, Deborah

Notes: Will address issue based on their criteria for repairing roads.

Action:

6/9/2010 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah

Notes: Letter forward to another address and returned. State tax assesmant information is invalid. Wil ltry a third address.
Property maybe foreclosed.

Action: mail letter again

5/26/2010 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Will mail letter to owner about condition of parking lot.
Action: revisit

9/17/2009 Intial - Site Visit Contact: None Inspector: EA Engineering
Notes: Parking lot breaking up; downspouts discharge to impervious surface.
Action: Not an hotspot

Tax_id:	01171356	OWN_1:	Storage LLC
Business:	Safeguard Self Storage	OWN_2:	
Location:	Edgewood	OWN_AD_1:	7 Church Lane, Ste 22
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21208
		LEGAL_2:	1007 Edgewood Road
		P_CITY:	Edgewood
		P_Z_1:	21040

5/26/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	will mail public education info.		
Action:			

9/16/2009	Intial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	downspout discharge to impervious surface.		
Action:	Not a hotspot		

Tax_id: 01040723
Business: Sheets
Location: Joppa
Business Owner: Robin Barrett
Phone Number:

OWN_1: SEL Properties Inc.
OWN_2:
OWN_AD_1: P.O. Box 230
OWN_AD_2:
OWN_CITY: Jarrettsville
OWN_STATE: Md
OWN_Z_1: 21084
LEGAL_2: 601 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

8/24/2010 Compliance - Site Visit Contact: Robin Barrett

Inspector: Lewis, Deborah

Notes: Mailed public education information and COMAR Title 26.

Action:

Tax_id:	03204006	OWN_1:	PMG
Business:	Shell Gas Station (Emmorton)	OWN_2:	
Location:	1902 Emmorton Rd.	OWN_AD_1:	12680 Darby Brooke Court
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Woodbridge
		OWN_STATE:	Va
		OWN_Z_1:	22192
		LEGAL_2:	1902 Emmorton Road
		P_CITY:	Bel Air
		P_Z_1:	21015

12/21/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Site visit okay		
Action:			

9/13/2010	Intial - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Trash left on property by remodeling company. Will contact property owner.Mailed public education information and COMAR title 26.		
Action:			

Tax_id: 04070631
Business: Shell High's Dairy Store
Location: 4101 Norrisville Road
Business Owner: Doug Yetter
Phone Number: 410.692.9508

OWN_1: Douglass Verzi
OWN_2:
OWN_AD_1: 2916 Troyer Road
OWN_AD_2:
OWN_CITY: White Hall
OWN_STATE: Md
OWN_Z_1: 21161
LEGAL_2: 4101 Norrisville Road
P_CITY: White Hall
P_Z_1: 21161

9/14/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: Mailed public education information and COMAR Title 26.

Action:

Tax_id: 01038656
Business: Sherwood Concessions
Location: 514 Pulaski Highway
Business Owner: Roger&Beatrice Wadkins
Phone Number: 410.592.6259/410.391.7205

OWN_1: GOINS JAMES L
OWN_2:
OWN_AD_1: 3804 PROSPECT RD
OWN_AD_2:
OWN_CITY: STREET
OWN_STATE: MD
OWN_Z_1: 21154
LEGAL_2: 514 PULASKI HIGHWAY
P_CITY: JOPPA
P_Z_1: 21085

8/1/2011 Closed - Contact: Shannon at MDE Inspector: Lewis, Deborah
Notes: Spoke with Shannon about inspection for General Stormwater Permit will follow - up
Action:

5/19/2010 Compliance - Letter Contact: Mr. Goins Inspector: Lewis, Deborah
Notes: Letter was mailed certified
Action:

5/19/2010 Compliance - Letter Contact: Sherwood Concessions Inspector: Lewis, Deborah
Notes: Letter was mailed certified
Action:

5/17/2010 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Site will periodically continue to be monitored.
Action:

4/22/2010 Follow-Up - Site Visit Contact: Roger Wadkins Sr.& Roger Wadkins, Jr. Inspector: Lewis, Deborah
Notes: Hydraulic fuel has been removed and will no longer be stored onsite due too space limitations. Junk tires have been removed, spare tires are covered or in storage bin. Metal has been covered with tarps as well as other items being stored outdoors. They do not perform sandblasting because sand will get in bearings and erode. They are using BMP's when painting or working on material. Overall site in good shape. Took pictures.
Action: Need to remove scrap metal and order more stay dri.

4/12/2010 Follow-Up - Letter Contact: James Goins, property owner Inspector: Lewis, Deborah
Notes: Copy of follow up letter of site visit 4/8/2010 was mailed certified. Received 4/15/2010.
Action:

4/12/2010 Follow-Up - Letter Contact: Roger Wadkins, Jr. Inspector: Lewis, Deborah
Notes: Follow up letter of site visit 4/8/2010 was hand delivered.
Action: Worn tarps need to be replaced. The storage and disposal of tires needs to be addressed. Hydraulic fluid needs to be stored in a containment system that will prevent leaks or spills from coming in contact with the soil, groundwater and surface water. Fresh stains observed on the ground need to be cleaned. All spills must be cleaned immediately using appropriate materials.

4/8/2010 Follow-Up - Site Visit Contact: Roger Wadkins, Jr. Inspector: Lewis, Deborah
Notes: Tires and icemelt have been covered. Trailer was purchased to store some metal products.
Action: Need to replace torn tarps and provide secondary containment for hydraulic fuel.

1/19/2010 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Corrective actions have been implemented, but new issues are occurring.
Action: Need to address proper disposal of waste oil.

11/6/2009 Follow-Up - Phone Call Contact: Jim Moore, HC Inspections Inspector: Lewis, Deborah
Notes: Jim Moore contacted to see if site is in compliance with housing laws.
Action: Jim Moore to conduct site visit and inform me of observations.

10/6/2009 Follow-Up - Phone Call Contact: None Inspector: Lewis, Deborah
Notes: Phone number 410.391.7205 is disconnected.
Action:

10/1/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Site manager unavailable. Left business card. Cleanup appears to be continuing. All discarded wood has been removed. Person removing dead weeds.
Action:

9/28/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Metal has been discarded. Tires have been organized and tarps have been placed over some outside storage areas. Wood was being cut up and removed. Clean up is actively in progress.
Action:

9/3/2009 Follow-Up - Letter Contact: Sherwood Concessions Inspector: Lewis, Deborah
Notes: Follow up letter of site visit 8/31/2009 was sent regular mail.
Action: Overflowing scrap metal container needs to be emptied. Scrap tires, trash and wood needs to be removed. Gas tanks need to be secured.

8/31/2009 Follow-Up - Site Visit Contact: Roger Wadkins, Jr. Inspector: Lewis, Deborah
Notes: Some corrective actions have been implemented. No signs of outside painting, has capped discarded plastic containers. Some 55 gallon drums have been removed.
Action: Discarded metal to be removed by 9/4/2009. Remove remaining tires in back of property, wood debris, and trash by 9/30/2009. Chain gas tanks by 9/30/2009. Needs to obtain additional storage trailer for parts.

7/16/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: Some clean up has occurred. Concern about maintaining entrance for emergency vehicles due to trailers. Spoke with someone in DILP, no regulation exist that a entrance for emergency vehicles must be obtain.
Action:

6/3/2009 Follow-Up - Site Visit Contact: Roger Wadkins, Jr. Inspector: Lewis, Deborah
Notes: Discussed necessary actions.
Action:

5/29/2009 Follow-Up - Letter Contact: Sherwood Concessions Inspector: Lewis, Deborah
Notes: Follow up letter of site visit was mailed certified. Received date unknown.
Action: Contact our office to schedule a site visit.

5/20/2009 Intial - Site Visit Contact: Sherwood Concessions Inspector: Lewis, Deborah

Notes: Initial contact made with Sherwood Concessions. They are the tenants of Hot Spot Investigation not Ace Appliance. This is a carnival company a seasonal business. Poor chemical and gas cylinder storage,waste management, trash,oil stains,scrap tires, metal (EPA Audit)

Action: Roger Wadkins, Jr. will be the contact.

Tax_id:	01015796	OWN_1:	Splash and Dash LLC
Business:	Splash and Dash	OWN_2:	
Location:	Edgewood	OWN_AD_1:	14037 Old Heampstead Ct
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Chester
		OWN_STATE:	Va
		OWN_Z_1:	23831
		LEGAL_2:	626 Edgewood Road
		P_CITY:	Edgewood
		P_Z_1:	21040

12/16/2010 Compliance - Site Visit Contact: None Inspector: Versar, Inc.

Notes: Not a hotspot

Action:

Tax_id: 01181955
Business: Stack and Store Mini Storage
Location: Edgewood
Business Owner:
Phone Number: 410.676.3088

OWN_1: Sack and Mini Storage, LLC.
OWN_2:
OWN_AD_1: 409 Washington Ste. 900
OWN_AD_2:
OWN_CITY: Towson
OWN_STATE: Md
OWN_Z_1: 21204
LEGAL_2: 2100 Emmorton Park Road
P_CITY: Edgewood
P_Z_1: 21040

5/25/2010 Compliance - Site Visit Contact: Michael Murray
Notes: Inspected rear area okay. Will mail public education info.
Action:

Inspector: Lewis, Deborah

9/15/2009 Intial - Site Visit Contact: None
Notes: Could not inspect rear area
Action: Not a hotspot

Inspector: EA Engineering

Tax_id: 01060317
Business: Star Imports
Location: 2000B Pulaski Highway
Business Owner:
Phone Number:

OWN_1: 2000-2012 PULASKI HIGHWAY LLC
OWN_2:
OWN_AD_1: C/O P&P MANAGEMENT LLC
OWN_AD_2: 901 CURTAIN AVE
OWN_CITY: BALTIMORE
OWN_STATE: MD
OWN_Z_1: 21218
LEGAL_2: 2000B-2012 PULASKI HWY
P_CITY: EDGEWOOD
P_Z_1: 21040

3/17/2009 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: site visit in compliance

Action:

1/7/2009 Follow-Up - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: visited site on 12/30/2008, tires still present spoke to owners' son, will send letter to property owner and Star Imports

Action:

Tax_id: 01030078
Business: Stella May
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: SMC Holdings LLC
OWN_2:
OWN_AD_1: 1512 Edgewood Road
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 1512 Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

12/29/2011 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: materials near stream,open dumpsters,uncovere fueling areas
Action:

Tax_id: 01001663
Business: Stone House Piercing
Location:
Business Owner:
Phone Number:

OWN_1: Phoenix development
OWN_2:
OWN_AD_1: 5621 Old frederick Road
OWN_AD_2:
OWN_CITY: Catonsville
OWN_STATE: Md
OWN_Z_1: 21228
LEGAL_2: 904 Pulaski Highway
P_CITY: Joppa
P_Z_1: 21085

12/13/2011 Compliance - Site Visit Contact: None
Notes: Not a Hotspot
Action:

Inspector: Versar, Inc.

Tax_id: 01073559
Business: Strip Mall
Location:
Business Owner:
Phone Number:

OWN_1: Edgewood Holdings LLC
OWN_2:
OWN_AD_1: 106 Old Court Road
OWN_AD_2:
OWN_CITY: Pikesville
OWN_STATE: Md
OWN_Z_1: 21208
LEGAL_2: 1900 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

12/7/2011 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential,garbage on site, dumpster in poor condition,
Action:

Tax_id: 03064468
Business: Suburban Propane
Location: 205 E. Jarrettsville Road
Business Owner: Kerry P. Bannister
Phone Number: 410.838.0015

OWN_1: SUBURBAN PROPANE LP
OWN_2:
OWN_AD_1: ONE SUBURBAN PLAZA
OWN_AD_2: 240 ROUTE 10 WEST
OWN_CITY: WHIPPANY
OWN_STATE: NJ
OWN_Z_1: 07981
LEGAL_2: 205 E JARRETTSVILLE ROAD
P_CITY: FOREST HILL
P_Z_1: 21050

9/15/2009 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah

Notes: site visit okay, all vehicular maintenance is contracted ou to ensure DOT requirements are met,propane will become a gas when release no danger to storm drains,

Action:

Tax_id: 01042424
Business: Subway (Mars Shopping Center)
Location: Edgewood
Business Owner: Asia Belton
Phone Number:

OWN_1: Mars Woodbridge Center
OWN_2:
OWN_AD_1: 6721 B Chesapeake Center Driv
OWN_AD_2:
OWN_CITY: Glen Burnie
OWN_STATE: Md
OWN_Z_1: 21060
LEGAL_2: 1401-E Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

8/19/2010 Compliance - Site Visit Contact: None
Notes: dumpster closed
Action:

Inspector: Lewis, Deborah

5/26/2010 Follow-Up - Site Visit Contact: Asia Belton
Notes: dumpster open, will mail public information.
Action: Not a hotspot

Inspector: Lewis, Deborah

Tax_id:	01062697	OWN_1:	Wayne and Debre Sullivan
Business:	Sullivans Garage	OWN_2:	
Location:		OWN_AD_1:	8927 Philadelphia Road
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21237
		LEGAL_2:	911 Pulaski Highway
		P_CITY:	Joppa
		P_Z_1:	21085

12/14/2011	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Potential,Containers and tires stored uncovered, fuel oil tanks, garbage		
Action:			

Tax_id: 01031279
Business: Sun and Moon Café
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: Hung Moon
OWN_2: Sun Moon
OWN_AD_1: 300 Edgewood Road
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 500 Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

7/20/2011 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: site visit okay

Action:

12/14/2010 Intial - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: potential,outdoor materails, waste management,physical plant

Action:

Tax_id: 01039652
Business: Sun Cleaners
Location: 1010 Edgewood Road
Business Owner:
Phone Number:

OWN_1: JSG Investmnets LLC
OWN_2:
OWN_AD_1: 2229 Gelding Way
OWN_AD_2:
OWN_CITY: Bel Air
OWN_STATE: Md
OWN_Z_1: 21015
LEGAL_2: 1010 Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

9/16/2009 Compliance - Site Visit Contact: None

Inspector: EA Engineering

Notes:

Action:

Tax_id: 01036629
Business: Supreme Auto Works
Location: 1008 Pulaski Highway
Business Owner: Cory
Phone Number: 410.671.9970/410.558.7981

OWN_1: FRUHLING CHARLES O
OWN_2: FRUHLING SHIRLEY
OWN_AD_1: 1003 PULASKI HWY
OWN_AD_2:
OWN_CITY: JOPPA
OWN_STATE: MD
OWN_Z_1: 21085
LEGAL_2: 1008 PULASKI HIGHWAY
P_CITY: JOPPA
P_Z_1: 21085

9/30/2009 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: site visit okay

Action:

7/16/2009 Follow-Up - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: site visit water on asphalt, maybe due too powerwashing will send letter.

Action:

6/1/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: mailed information on scrap tires, and options for powerwashing
Action:

5/29/2009 Follow-Up - Contact: None Inspector:
Notes: follow-up visit with Cory, will send information on outside scrap tire storage and will look at alternatives for powerwash
Action:

5/20/2009 Intial - Contact: None Inspector:
Notes: using powerwash outside, waste oil in bucket, scrap tires (EPA Audit)
Action:

Tax_id:	01095412	OWN_1:	Susquehanna Concrete Production, I
Business:	Susquehanna Concrete	OWN_2:	
Location:		OWN_AD_1:	P.O. Box 466
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Joppa
		OWN_STATE:	Md
		OWN_Z_1:	21085
		LEGAL_2:	42 Fort Hoyle Rd
		P_CITY:	Joppa
		P_Z_1:	21085

12/16/2011	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Potential,concrete products,overflowing dumpsters		
Action:			

Tax_id: 01042424
Business: Tartan (Sweet) Cleaners
Location: Edgewood
Business Owner: Kwang K. Lee
Phone Number: 410.676.0480

OWN_1: Mars Woodbridge Center
OWN_2:
OWN_AD_1: 6721 B Chesapeake Center Drive
OWN_AD_2:
OWN_CITY: Glen Burnie
OWN_STATE: Md
OWN_Z_1: 21060
LEGAL_2: 1401-c Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

8/19/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: dumpster not open

Action:

5/26/2010 Follow-Up - Site Visit Contact: Store personnel

Inspector: Lewis, Deborah

Notes: dumpster open could not communicate with store personnel will mail letter.

Action: mail letter

Tax_id: 01026909
Business: Texaco (1945 Pukaski Highway)
Location: Edgewood
Business Owner: Fakim Kazm
Phone Number: 410.612.9141

OWN_1: PMG1007 LLC
OWN_2:
OWN_AD_1: 12680 Darby Brook Ct
OWN_AD_2:
OWN_CITY: Woodbridge
OWN_STATE: Va
OWN_Z_1: 22192
LEGAL_2: 1945 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

5/26/2010 Compliance - Site Visit Contact: Store personnel
Notes: Will mail COMAR 26.10.01 Oil Pollution.
Action:

Inspector: Lewis, Deborah

9/16/2009 Intial - Site Visit Contact: None
Notes: Downspouts discharge to impervious surface
Action: Not a hotspot.

Inspector: EA Engineering

Tax_id: 01302701
Business: Texaco (4270 Philadelphia Road)
Location: Bel Air
Business Owner:
Phone Number:

OWN_1: PMG 1007 LLc
OWN_2: c/o PMG
OWN_AD_1: 12680 Darby Brook Court
OWN_AD_2:
OWN_CITY: Woodbridge
OWN_STATE: Va
OWN_Z_1: 22192
LEGAL_2: 4270 Philadelphia Road
P_CITY: Bel Air
P_Z_1: 21015

6/2/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: Mailed public education information and COMAR 26.

Action:

Tax_id: 01222023
Business: Thomas Summerval Co. Supplies
Location: Abingdon
Business Owner:
Phone Number:

OWN_1: TS Realty Company
OWN_2: Michael J MC Inerney
OWN_AD_1: 5932 Searl Ter
OWN_AD_2:
OWN_CITY: Bethesda
OWN_STATE: Md
OWN_Z_1: 20816
LEGAL_2: 1300 ContinentalDrive
P_CITY: Abingdon
P_Z_1: 21009

8/2/2011 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: okay
Action:

12/15/2010 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential,vehicle operations,outdoor materials,waste mgmt
Action:

Tax_id:	01253859	OWN_1:	Thompson Clayton 7 Limited
Business:	Thompson Jeep	OWN_2:	
Location:	Edgewood	OWN_AD_1:	1000 Merritt Blvd
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21222
		LEGAL_2:	1102 Business Center Way
		P_CITY:	Edgewood
		P_Z_1:	21009

8/4/2011	Compliance - Site Visit	Contact: Fred Anderson	Inspector: Lewis, Deborah
Notes:	okay		
Action:			

7/28/2011	Follow-Up - Letter	Contact: None	Inspector: Lewis, Deborah
Notes:	mailed certified letter for site visit		
Action:			

12/14/2010

Intial - Site Visit

Contact: None

Inspector: Versar, Inc.

Notes:

Potential, vehicle operations, outdoor materials, waste mgmt, physical plant

Action:

Tax_id:	01037010	OWN_1:	Riverside Corporate Center LLC
Business:	Tillman Tool Company	OWN_2:	c/o MIE Development Co.
Location:	Belcamp	OWN_AD_1:	2560 Lord baltimore Drive
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21244
		LEGAL_2:	1371-D Brass Mill Road
		P_CITY:	Belcamp
		P_Z_1:	21017

5/26/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	will mail public education info.		
Action:			

9/17/2009	Intial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	downspouts discharge to impervious surface.		
Action:	Not an hotspot.		

Tax_id: 01038761
Business: Touchless Automatic Car Wash
Location:
Business Owner:
Phone Number:

OWN_1: Cheseapeake Car Wash of Edgewood
OWN_2:
OWN_AD_1: 2229 Gelding Way
OWN_AD_2:
OWN_CITY: Bel Air
OWN_STATE: Md
OWN_Z_1: 21015
LEGAL_2: 2104 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

12/13/2011 Compliance - Site Visit Contact: None
Notes: Not a hotspot
Action:

Inspector: Versar, Inc.

Tax_id: 01195903
Business: Tritronics
Location: Abingdon
Business Owner:
Phone Number:

OWN_1: Roger Williams
OWN_2: Virginia Williams
OWN_AD_1: 1306 Continental Drive
OWN_AD_2:
OWN_CITY: Abingdon
OWN_STATE: Md
OWN_Z_1: 21009
LEGAL_2: 1306 Continental Drive
P_CITY: Abingdon
P_Z_1: 21009

12/15/2010 Compliance - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Not a hotspot

Action:

Tax_id:	01001876	OWN_1:	ANDERSON S H & SONS INC
Business:	Tru-Value Hardware	OWN_2:	
Location:		OWN_AD_1:	900 PULASKI HWY
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	JOPPA
		OWN_STATE:	MD
		OWN_Z_1:	21085
		LEGAL_2:	900 S PULASKI HWY
		P_CITY:	JOPPA
		P_Z_1:	21085

5/25/2010	Compliance - Letter	Contact: None	Inspector: Lewis, Deborah
Notes:	Certified letter received 5/21/2010		
Action:			

5/17/2010	Compliance - Site Visit	Contact: Sales person	Inspector: Lewis, Deborah
Notes:	Site visit okay.		
Action:	Mailed certified letter 5/19/2010.		

1/25/2010 Follow-Up - Letter Contact: Owner Inspector: Lewis, Deborah
Notes: mailed letter to business owner
Action: Letter mailed 1/25/2010

1/19/2010 Follow-Up - Site Visit Contact: Owner Inspector: Lewis, Deborah
Notes: Spoke with ownwer about storing recyled metal in bin, items stored outside in pellets or under canopy are enclosed in plastic, will revisit
Action:

9/16/2009 Intial - Site Visit Contact: None Inspector: EA Engineering
Notes: Storm drain behind building,discharges directly to outfall(see map on inspection form)Fertilizers, metal and wood stored outside open and near storm drain.
Action:

Tax_id: 01159046
Business: United Rental
Location: Joppa
Business Owner: John Wilton
Phone Number: 410.679.2300

OWN_1: Rental Tools& Equipment Co.
OWN_2:
OWN_AD_1: P.O Box4900 Dept. 160
OWN_AD_2:
OWN_CITY: Scottsdale
OWN_STATE: Az
OWN_Z_1: 85261
LEGAL_2: 497 Pulaski Highway
P_CITY: Jioppa
P_Z_1: 21085

8/19/2010 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: site visit in compliance, recommend servicing oil and grease trap.
Action: mailed letter.

5/26/2010 Follow-Up - Site Visit Contact: John Wilton Inspector: Lewis, Deborah
Notes: Spoke with manager about managing scrap items, performs outdoor car washing but has drains and oil separator.
Will revisit and mail public education info.
Action: revisit

9/16/2009

Initial - Site Visit

Contact: None

Inspector: EA Engineering

Notes: Dumpster open. Could not inspect rear area

Action: Not a hotspot.

Tax_id: 01000012
Business: US Motors
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: Pats Properties, LLC.
OWN_2:
OWN_AD_1: 901 Curtain Avenue
OWN_AD_2:
OWN_CITY: Baltimore
OWN_STATE: Md
OWN_Z_1: 21218
LEGAL_2: 2106 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

12/13/2011 Intial - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: potential used car dealership

Action:

5/26/2010 Compliance - Letter Contact: None

Inspector: Lewis, Deborah

Notes: this is a used car dealership that is why cars are outside, cars are not repaired outside. No barrels on property. Spare tires okay. Will mail public education info.

Action:

9/16/2009 Intial - Site Visit Contact: None Inspector: EA Engineering
Notes: vehicles stored/ repaired outside without diversion. Barrels without secondary containment, tires
Action: Not a hotspot.

Tax_id:	01337718	OWN_1:	FRP Lakeside #5
Business:	Vacant Building	OWN_2:	
Location:		OWN_AD_1:	34 Loveton Circle
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Sparks
		OWN_STATE:	Md
		OWN_Z_1:	21152
		LEGAL_2:	2201 Lakeside Blvd
		P_CITY:	Edgewood
		P_Z_1:	21040

12/14/2011 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential, overflowing dumpster, construction material
Action:

Tax_id: 01042467
Business: Venetian Palace
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: Nick Hapis and Al
OWN_2:
OWN_AD_1: 1901 Tree Top Drive
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 1901 Tree Top Drive
P_CITY: Edgewood
P_Z_1: 21040

8/2/2011 Compliance - Site Visit Contact: None
Notes: okay
Action:

Inspector: Lewis, Deborah

12/16/2010 Intial - Site Visit Contact: None
Notes:
Action:

Inspector: Versar, Inc.

Tax_id: 01308688
Business: Warehouse
Location:
Business Owner:
Phone Number:

OWN_1: TA Associates Realty
OWN_2:
OWN_AD_1: 28 State Street
OWN_AD_2:
OWN_CITY: Boston
OWN_STATE: Ma
OWN_Z_1: 02109
LEGAL_2: 121 Bata Blvd
P_CITY: Belcamp
P_Z_1: 21017

12/29/2011 Intial - Site Visit Contact: None Inspector: Versar, Inc.
Notes: Potential,vehiclespropane tank, open dumpsters
Action:

Tax_id: 01036637
Business: Washington Roy G Used Cars
Location: 1009 Pulaski Highway
Business Owner: Roy Washington
Phone Number: 410.679.5030/410.679.5420

OWN_1: FRUHLING CHARLES O
OWN_2: FRUHLING SHIRLEY
OWN_AD_1: 1003 PULASKI HWY
OWN_AD_2:
OWN_CITY: JOPPA
OWN_STATE: MD
OWN_Z_1: 21085
LEGAL_2: 1001-1009 PULASKI HWY
P_CITY: JOPPA
P_Z_1: 21085

10/25/2010 Compliance - Site Visit Contact: Steve
Notes: facility in compliance will mail lettter.
Action:

Inspector: Lewis, Deborah

8/24/2010 Follow-Up - Site Visit Contact: Roy Washington , Steve
Notes: need to remove remaining debris, organize spare tires and cover spare parts . Property owners have done a considerable clean up.
Action: mailed certified letter.

Inspector: Lewis, Deborah

6/2/2010 Follow-Up - Site Visit Contact: Roy washington Inspector: Lewis, Deborah
Notes: Continue site improvement
Action:

5/17/2010 Follow-Up - Site Visit Contact: Steve Inspector: Lewis, Deborah
Notes: clean up continues
Action:

4/8/2010 Follow-Up - Site Visit Contact: Steve and Roy Inspector: Lewis, Deborah
Notes: most of the discarded material has been cleared still need to remove batteries, tires, discarded auto parts , trash, and car engines on Washington Roy used cars side.
Action:

1/19/2010 Follow-Up - Site Visit Contact: Steve Inspector: Lewis, Deborah
Notes: Spoke with Steve about soil removal , they used a front end loader and just scooped of everything including soil. They continue to clean property, continue to revisit
Action:

11/18/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: site visit just about everything is gone,soil has been removed need to speak Steve.
Action:

9/30/2009 Follow-Up - Letter Contact: Steve and Roy Inspector: Lewis, Deborah
Notes: mailed letter
Action:

9/28/2009 Follow-Up - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: car removed off stream bed, trailer removed, trash pile is getting smaller, spoke to Steve next goal is to finish removing trash pile and other discarded metal
Action:

9/3/2009 Follow-Up - Letter Contact: None Inspector: Lewis, Deborah
Notes: letter mailed
Action:

8/31/2009 Follow-Up - Site Visit Contact: Steve and Roy Inspector: Lewis, Deborah
Notes: site visit has implemented some corrective actions.Truck near stream has to be removed by 9/18/2009. They have equipment to remove it. Working on cleaning out wood/ trash pile and discarded engines by 10/31/2009. will send letter about these items that were discussed.
Action:

7/16/2009 Follow-Up - Letter Contact: Steve and Roy Inspector: Lewis, Deborah
Notes: site still the same will mail letter
Action:

5/28/2009 Follow-Up - Site Visit Contact: Steve and Roy Inspector: Lewis, Deborah
Notes: follow-up visit, will address issues
Action:

5/20/2009 Intial - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: poor chemical and oil storage,waste management and automobile parts,batteries, scrap metal, vehicles, trash and tires (EPA Audit)
Action:

Tax_id:	01246747	OWN_1:	Storage LLC.
Business:	Waters Auto Services, LLC.	OWN_2:	
Location:	Edgewood	OWN_AD_1:	7 Church Lane. Sre. 22
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21208
		LEGAL_2:	1009 Edgewood Road
		P_CITY:	Edgewood
		P_Z_1:	21040

5/26/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Dumpster is not near storm drain. Will mail public education info.		
Action:			

9/16/2009	Intial - Site Visit	Contact: None	Inspector: EA Engineering
Notes:	Dumpster near storm drain. Downspouts discharge to imperviuos surface.		
Action:	Not a hotspot.		

Tax_id: 01325760
Business: Waters Edge Corporate Campus
Location: Belcamp
Business Owner:
Phone Number:

OWN_1: Manekin LLC
OWN_2:
OWN_AD_1: 8601 Robert Fulton Drive
OWN_AD_2:
OWN_CITY: Columbia
OWN_STATE: Md
OWN_Z_1: 21046
LEGAL_2: Bata Boulevard
P_CITY: Belcamp
P_Z_1: 21017

12/22/2011 Intial - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Trash and debris in wetlands

Action:

Tax_id:	03038939	OWN_1:	Edie on LLC
Business:	Wawa (Churchville)	OWN_2:	
Location:	Bel Air	OWN_AD_1:	1345 W. Jarrettsville Road
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Forest Hill
		OWN_STATE:	Md
		OWN_Z_1:	21050
		LEGAL_2:	1505 E. Churchville Road
		P_CITY:	Bel Air
		P_Z_1:	21015

6/2/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Mailed public education information and COMAR Title 26.		
Action:			

Tax_id:	05014735	OWN_1:	3530 Conowingo Road LLC
Business:	Wawa (Conowingo)	OWN_2:	SEL Properties
Location:	Street	OWN_AD_1:	P.O. Box 230
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Jarrettsville
		OWN_STATE:	Md
		OWN_Z_1:	21084
		LEGAL_2:	3530 Conowingo Road
		P_CITY:	Street
		P_Z_1:	21154

6/3/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	Mailed public education information and COMAR Title 26.		
Action:			

Tax_id: 01386395
Business: Wawa Mountain Rd
Location: Joppa
Business Owner:
Phone Number: 410.538.3131

OWN_1: CourtSquare Associates LLC.
OWN_2:
OWN_AD_1: 825 3rd Ave. Rm 3315
OWN_AD_2:
OWN_CITY: New York
OWN_STATE: Ny
OWN_Z_1: 10022
LEGAL_2: 1419 S.Mountain Rd
P_CITY: Joppa
P_Z_1: 21085

8/24/2010 Compliance - Site Visit Contact: None

Inspector: Lewis, Deborah

Notes: Mailed public education information and COMAR Title 26.

Action:

Tax_id:	01337807	OWN_1:	Woodsdale Development
Business:	Wawa Store #51	OWN_2:	
Location:	3500 Woodsdale Rd.	OWN_AD_1:	15 Aberdeen Plaza
Business Owner:	Renee Lust	OWN_AD_2:	
Phone Number:		OWN_CITY:	Aberdeen
		OWN_STATE:	Md
		OWN_Z_1:	21001
		LEGAL_2:	3500 Woodsdale Rd.
		P_CITY:	Abingdon
		P_Z_1:	21009

9/13/2010	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
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Notes: Mailed public education information and COMAR Title 26. This store has an excellent safety and spill control program.

Action:

Tax_id: 01015885
Business: Wendy's Edgewood
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: Geo H. Rucker Realty Co
OWN_2:
OWN_AD_1: 1657 Crofton Blvd
OWN_AD_2:
OWN_CITY: Crofton
OWN_STATE: Md
OWN_Z_1: 21114
LEGAL_2: 1950 Pulaski Highway
P_CITY: Edgewood
P_Z_1: 21040

12/16/2010 Compliance - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: Not a hotspot

Action:

Tax_id:	01076809	OWN_1:	LOVE LEROY M
Business:	Western Auto	OWN_2:	LOVE SHIRLEY M
Location:		OWN_AD_1:	4425D NORTH POINT BLVD
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	BALTIMORE
		OWN_STATE:	MD
		OWN_Z_1:	21219
		LEGAL_2:	2715 PULASKI HIGHWAY
		P_CITY:	EDGEWOOD
		P_Z_1:	21040

8/24/2010	Compliance - Site Visit	Contact: Shirley Love, Jim Thacker	Inspector: Lewis, Deborah
Notes:	site visit in compliance.		
Action:	mailed certified letter		

8/10/2010	Follow-Up - Letter	Contact: Shirley Love	Inspector: Lewis, Deborah
Notes:	Sent certified letter to find status		
Action:			

3/22/2010 Follow-Up - Letter Contact: Shirley Love Inspector: Lewis, Deborah
Notes: Mailed certified letter to Shirley Love property owner.
Action: Certified letter received 3/25/2010. Ms. Love called to inform has address issues with tenant and will comply.

3/16/2010 Follow-Up - Site Visit Contact: store manager Inspector: Lewis, Deborah
Notes: left card, received phone call from manager will address abandoned cars, auto parts, material storage, will send letter to property owner. Vehicles are not repaired outside.
Action:

9/15/2009 Initial - Site Visit Contact: None Inspector: EA Engineering
Notes: Vehicles repaired/ stored outside without diversion.
Action:

Tax_id: 01031945
Business: Wings Things & More
Location: Edgewood
Business Owner:
Phone Number:

OWN_1: Santram LLC
OWN_2:
OWN_AD_1: 625 Edgewood Road
OWN_AD_2:
OWN_CITY: Edgewood
OWN_STATE: Md
OWN_Z_1: 21040
LEGAL_2: 625 Edgewood Road
P_CITY: Edgewood
P_Z_1: 21040

8/3/2011 Compliance - Site Visit Contact: None
Notes: okay
Action:

Inspector: Lewis, Deborah

12/16/2010 Intial - Site Visit Contact: None
Notes: potential, outdoor storage,waste management
Action:

Inspector: Versar, Inc.

Tax_id: 01006185
Business: Winters Run Inn
Location: Joppa
Business Owner:
Phone Number:

OWN_1: Donald Wolfe
OWN_2: Clara Wolfe
OWN_AD_1: 1823 Tower Road
OWN_AD_2:
OWN_CITY: Aberdeen
OWN_STATE: Md
OWN_Z_1: 21001
LEGAL_2: 1907 Philadelphia Road
P_CITY: Joppa
P_Z_1: 21085

12/15/2010 Compliance - Site Visit Contact: None

Inspector: Versar, Inc.

Notes: not a hotspot

Action:

Tax_id: 01279610
Business: Wolbert& Masters
Location: 1307 Business Center Way
Business Owner: Tom Masters
Phone Number: 800.234.7645

OWN_1: FIVE M PROPERTIES LLC
OWN_2:
OWN_AD_1: 1307 BUSINESS CENTER WAY
OWN_AD_2:
OWN_CITY: EDGEWOOD
OWN_STATE: MD
OWN_Z_1: 21040
LEGAL_2: 1307 BUSINESS CENTER WAY
P_CITY: EDGEWOOD
P_Z_1: 21040

9/15/2009 Compliance - Site Visit Contact: None
Notes: site visit okay
Action:

Inspector: Lewis, Deborah

8/6/2009 Intial - Site Visit Contact: None
Notes: storage area connected to storm drain
Action:

Inspector: EA Engineering

Tax_id:	01297767	OWN_1:	Hanson II LLC
Business:	Woodbridge Station	OWN_2:	KLNB Management
Location:	Edgewood	OWN_AD_1:	1430 Joh Ave Ste A
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	Baltimore
		OWN_STATE:	Md
		OWN_Z_1:	21227
		LEGAL_2:	1326 Woodbridge Station
		P_CITY:	Edgewood
		P_Z_1:	21009

8/2/2011	Compliance - Site Visit	Contact: None	Inspector: Lewis, Deborah
Notes:	okay		
Action:			

12/22/2010	Intial - Site Visit	Contact: None	Inspector: Versar, Inc.
Notes:	Potential,outdoor materials, waste mgmt, physical plant, open dumpster		
Action:			

Tax_id:	01106244	OWN_1:	WOODSDALE ASSOCIATES
Business:	Woodsdale Apartments	OWN_2:	
Location:		OWN_AD_1:	1030 E PATAPSCO AVE
Business Owner:		OWN_AD_2:	
Phone Number:		OWN_CITY:	BALTIMORE
		OWN_STATE:	MD
		OWN_Z_1:	21225
		LEGAL_2:	ES WOODSDALE ROAD
		P_CITY:	ABINGDON
		P_Z_1:	21009

9/13/2010	Compliance - Site Visit	Contact: Property Manager	Inspector: Lewis, Deborah
Notes:	site okay		
Action:	none		

4/12/2010	Follow-Up - Site Visit	Contact: Maintenance Personnel	Inspector: Lewis, Deborah
Notes:	Spoke with maintenance personnel, said the chemical was a type of snowmelt not an oil		
Action:	will revisit		

3/11/2010

Initial -

Contact: None

Inspector:

Notes: contractor complains of possible oil staining at maintenance shop

Action: will visit

Tax_id: 01013122
Business: Worthington Automotive Services, Inc.
Location: 706 Pulaski Highway
Business Owner: Maryland Properties Group
Phone Number: 410.612.0487

OWN_1: MARYLAND PROPERTIES GROUP LLC
OWN_2:
OWN_AD_1: 3809 ADY RD
OWN_AD_2:
OWN_CITY: STREET
OWN_STATE: MD
OWN_Z_1: 21154
LEGAL_2: 706-B PULASKI HIGHWAY
P_CITY: JOPPA
P_Z_1: 21085

8/31/2009 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: site visit okay, has organized scrap tires with a rack.
Action:

8/18/2009 Intial - Site Visit Contact: None Inspector: EA Engineering
Notes: scrap tires, stone debris, trash
Action:

Tax_id: 03035433
Business: Xtra Fuel
Location: 2476 E.Churchville Road
Business Owner: Syed
Phone Number: 410.939.9155

OWN_1: Campus Hills Manangement Associat
OWN_2: Rosen Associates Manangement Cor
OWN_AD_1: 330S. Service Road
OWN_AD_2:
OWN_CITY: Jericho
OWN_STATE: Ny
OWN_Z_1: 11753
LEGAL_2: 2476 E. Churchville Rd.
P_CITY: Bel Air
P_Z_1: 21015

8/9/2011 Compliance - Site Visit Contact: None Inspector: Lewis, Deborah
Notes: okay
Action:

9/14/2010 Follow-Up - Phone Call Contact: None Inspector: Lewis, Deborah
Notes: Phone call to owners to setup site visit. Left a message with employee John.
Action:

9/14/2010

Intial - Site Visit

Contact: None

Inspector: Lewis, Deborah

Notes: Unable to perform site visit no manger at gas station

Action:

Illicit Discharges for Report Year 2010

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF000037			
	10/26/2011	Complete	source tracking ground water in all storm drains not an illicit discharge
	10/25/2011	Follow-Up	source tracking ground water in all storm drains not an illicit discharge
	10/18/2010	Complete	contractor tested for detergents and phenols
	10/13/2010	Initial	contractor tested for detergents and phenols, performed source tracking not an illicit discharge
<hr/>			
OF000060			
	10/26/2011	Complete	this is a SHA outfall will forward to them
	11/2/2010	Complete	contractor tested for detergents and color
	10/26/2010	Initial	contractor tested for detergents and color, performed source tracking not an illicit discharge
<hr/>			
OF000088			
	10/26/2011	Complete	no flow standing water needs maintenance
	10/26/2010	Complete	contractor tested for residual chlorine, detergents, and phenols
	10/22/2010	Initial	contractor tested for residual chlorine, detergents, and phenols, performed source tracking not an illicit discharge
<hr/>			
OF000090			
	11/2/2011	Complete	no flow
	10/26/2011	Follow-Up	no flow
	11/2/2010	Complete	contractor tested for detergents and phenols
	10/26/2010	Initial	contractor tested for detergents and phenols, performed source tracking not an illicit discharge

Outfall NumberDateStatusWater Quality**OF00097**

10/26/2011	Complete	source tracking ground water in all storm drains not an illicit discharge
10/25/2011	Follow-Up	source tracking ground water in all storm drains not an illicit discharge
11/10/2010	Complete	contractor tested for detergents, phenols and color
11/2/2010	Initial	contractor tested for detergents, phenols and color, performed source tracking not an illicit discharge

OF000173

10/26/2011	Complete	no flow
10/17/2011	Follow-Up	no flow
11/15/2010	Complete	no flow
11/12/2010	Initial	contractor tested for copper, color and phenol, performed source tracking not an illicit discharge

OF000175

11/2/2011	Complete	source tracking ground water in all stormdrains
10/17/2011	Follow-Up	source tracking ground water in all storm drains
11/19/2010	Complete	contractor tested for copper, color, detergents, dissolved oxygen and phenols
11/15/2010	Initial	contractor tested for copper, detergents, color, dissolved oxygen and phenols, performed source tracking not an illicit discharge

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF000179			
	11/2/2011	Complete	the entire area is saturated with water and muddy hard to walk to outfall, all the stormdrains contain ground water, source tracking performed
	10/17/2011	Follow-Up	source tracking ground water in all storm drains
	10/22/2010	Complete	contractor tested for residual chlorine, copper, detergents, and phenols
	10/19/2010	Initial	contractor tested for residual chlorine, copper, detergents, and phenols, performed source tracking not an illicit discharge
<hr/>			
OF000220			
	10/26/2011	Complete	no flow
	10/25/2011	Follow-Up	no flow
	12/6/2010	Complete	contractor tested for detergents, color, and dissolved oxygen
	11/29/2010	Initial	contractor tested for detergents, color, and dissolved oxygen, performed source tracking not an illicit discharge
<hr/>			
OF000223			
	10/26/2011	Complete	no flow
	10/25/2011	Follow-Up	no flow
	12/8/2010	Complete	contractor tested for detergents, color and phenols
	12/6/2010	Initial	contractor tested for detergents, color and phenols, performed source tracking not an illicit discharge
<hr/>			
OF000277			
	12/13/2010	Follow-Up	informed Windsor Valley on 12/10/2010 must stop discharge health hazardous, Health Dept will enforce and investigate
	12/13/2010	Complete	spoke with Joe Deliza at Health Dept. Windsor Valley Apts in compliance.
	12/10/2010	Initial	possible illicit discharge in SWM pond, source tracking reveals private sewer system at Windsor Valley Apts

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF000290			
	11/2/2011	Complete	no flow
	10/17/2011	Follow-Up	no flow
	11/23/2010	Complete	contractor tested for residual chlorine and phenols
	11/22/2010	Initial	contractor tested for residual chlorine and phenols, performed source tracking not an illicit discharge
<hr/>			
OF000291			
	11/2/2011	Complete	no flow
	10/17/2011	Follow-Up	no flow
	11/22/2010	Complete	contractor tested for copper, detergents, color and phenols, source tracking
	11/19/2010	Initial	contractor tested for copper, detergents, color and phenols, performed source tracking not an illicit discharge
<hr/>			
OF000301			
	10/17/2011	Complete	could not locate, spoke with Christy Joyce outfall part of (2) regional facilities that have to be re-establish and maintained , she is working with property owners
	11/23/2010	Complete	contractor tested for residual chlorine and phenols,
	11/22/2010	Initial	contractor tested for residual chlorine and phenols, performed source tracking not an illicit discharge
<hr/>			
OF000307			
	11/3/2011	Complete	no flow, abundant wildfie present in stream, very noisy
	11/2/2011	Follow-Up	no flow
	12/30/2010	Complete	contractor tested for phenols
	12/22/2010	Initial	contractor tested for phenols, performed source tracking not an illicit discharge

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF000386			
	10/26/2011	Complete	root mass clogging outfall needs maintenance
	11/1/2010	Complete	contractor tested for residual chlorine, detergents and phenols
	10/26/2010	Initial	contractor tested for residual chlorine, detergents and phenols, performed source tracking not an illicit discharge
OF001138			
	10/14/2011	Complete	outfall blocked by roots and sediment needs maintenance
	10/18/2010	Complete	contractor tested for residual chlorine and phenols
	10/13/2010	Initial	contractor tested for residual chlorine and phenols, performed source tracking not an illicit discharge
OF001179			
	10/26/2011	Complete	no flow
	10/25/2011	Follow-Up	no flow
	10/22/2010	Complete	contractor tested for residual chlorine. copper and phenols
	10/21/2010	Initial	contractor tested for residual chlorine, copper, and phenols, performed source tracking not an illicit discharge
OF001381			
	11/2/2011	Complete	no flow, note 2203 Edingburg Court has a sump pump that discharges to the street
	10/21/2011	Follow-Up	no flow
	11/15/2010	Complete	contractor tested for copper, detergents and phenols
	11/11/2010	Initial	contractor tested for copper, detergents, and phenols, performed source tracking not an illicit discharge

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF001669	4/9/2012	Complete	no flow
	2/3/2012	Follow-Up	no flow
<hr/>			
OF001676	10/26/2011	Complete	source tracking ground water in all storm drains not an illicit discharge
	10/25/2011	Follow-Up	source tracking ground water in all storm drains not an illicit discharge
	11/10/2010	Complete	contractor tested for detergents and phenol
	11/2/2010	Initial	contractor tested for detergents and phenols, performed source tracking not an illicit discharge
<hr/>			
OF001831	10/21/2011	Follow-Up	no flow
	11/15/2010	Complete	contractor tested for copper, detergents, and phenols
	11/11/2010	Initial	contractor tested for copper, detergents, and phenols, performed source tracking not an illicit discharge
<hr/>			
OF001990	10/26/2011	Complete	no flow
	10/25/2011	Follow-Up	no flow
	11/10/2010	Complete	contractor tested for detergents, color and phenols
	11/2/2010	Initial	contractor tested for detergents, color and phenols, performed source tracking not an illicit discharge

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF002073			
	10/21/2011	Complete	no flow, from GIS and field observation if flow is present due to proximity to James Run.
	9/27/2011	Follow-Up	no flow
	12/6/2010	Complete	contractor tested for residual chlorine, detergents, color, dissolved oxygen and phenols
	11/29/2010	Initial	contractor tested for residual chlorine, detergents, color, dissolved oxygen and phenols, performed source tracking not an illicit discharge
<hr/>			
OF002172			
	11/3/2011	Complete	no flow, several invasive species in vegetation
	11/2/2011	Follow-Up	no flow
	11/12/2010	Complete	contractor tested for copper and detergents
	11/11/2010	Initial	contractor tested for copper and detergents, performed source tracking not an illicit discharge
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OF002331			
	10/26/2011	Complete	no flow
	10/25/2011	Follow-Up	no flow
	12/8/2010	Complete	contractor tested for detergents and color
	12/6/2010	Initial	contractor tested for detergents and color, performed source tracking not an illicit discharge
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OF002355			
	10/25/2011	Complete	this outfall has been incorporated into a SHA stormwater management facility, not apart of Harford County system
	12/10/2010	Complete	contractor tested for detergents, phenols and color
	12/9/2010	Initial	contractor tested for detergents phenols and color, perform source tracking not an illicit discharge

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF002557			
	11/2/2011	Complete	outfall is clogged with sediment, debris and standing water needs maintenance
	10/22/2010	Complete	contractor tested for residual chlorine, copper and phenols
	10/21/2010	Initial	contractor tested for residual chlorine, copper and phenols, performed source tracking not an illicit discharge
OF002615			
	10/25/2011	Complete	this is an inlet to a SWM that is clogged and needs maintenance will refer to Christy Joyce
	12/10/2010	Complete	contractor tested for detergents and phenols
	12/9/2010	Initial	contractor tested for detergents and phenols, performed source tracking not an illicit discharge
UNK 37			
	9/27/2011	Complete	sump pump discharge is from residential swimming pool, spoke with an sent public education to owner about pool dechlorination.
	10/26/2010	Follow-Up	contractor tested for residual chlorine, detergents, and phenols private sump pump discharge
	10/22/2010	Initial	contractor tested for residual chlorine, detergents, and phenols private sump pump discharge
UNK 38			
	11/2/2011	Complete	residential french drain removes groundwater, most of the properties have these drain, development has many springs
	10/26/2010	Complete	contractor tested for residual chlorine, detergents, color and phenols
	10/23/2010	Initial	contractor tested for residual chlorine, detergents, color and phenols. performed source tracking not an illicit discharge

Illicit Discharges for Report Year 2009

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF000117			
	4/20/2010	Complete	flow tested phenols=.01,dissolved oxygen=9.7,pH=6.87@16.7C, this is groundwater not an illicit discharge, SWM pond was being serviced and repaired, Christy Joyce is doing follow-up , once repaired should operate properly
	4/6/2010	Follow-Up	flow tested, phenols =.05, dissolved oxygen=11.5, pH=6.63@21.5C, this is not an illicit discharge , source is groundwater will revisit, this is outfall to SWM needs maintance and trash removed
	11/17/2009	Follow-Up	flow tested by contractor, phenols=0.12,pH=7.73
	11/9/2009	Initial	flow tested by contractor, phenols=0.16,%sat=85.7, pH=7.67
<hr/>			
OF000372			
	10/11/2010	Complete	no flow per Harford County
	6/18/2010	Follow-Up	no flow per Harford County, Car Dealership
	11/9/2009	Follow-Up	no flow contractor
	11/6/2009	Initial	contractor tested for phenols, color,%saturation and pH

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF000628			
	10/11/2010	Complete	flow tested for chlorine not detected. This facility has a NPDES permit for discharge MDG76624. This flow is not an illicit discharge it is from pool and ground water.
	9/28/2010	Follow-Up	met school official in the field to test backwash. Chlorine not detected.
	8/10/2010	Follow-Up	certified letter sent to schools for status update
	4/13/2010	Follow-Up	Certified letter received by schools
	4/6/2010	Follow-Up	flow tested phenols=0.0,color=ND,total chlorine=0.78,pool water is discharge through this outfall wiil send letter to school, this is an illicit discharge
	10/21/2009	Follow-Up	flow tested by contractor,turbidity=11,color=109,phenols=0.15,%sat=85.9
	10/20/2009	Initial	flow tested by contractor, turbidity=12,color=97,phenols=0.12,copper=0.06, %sat=89.9
OF000962			
	1/14/2010	Complete	flow , chlorine=.01,conductivity=.180@11.1C, pH=6.98@17.4C,color=ND, turbidity=ND parameters not above threshold. Perform source tracking not an illicit discharge drains from building roofs in industrial park are connected to outfall.
	12/8/2009	Follow-Up	flow ,outfall receives stormwater and groundwater from several business in the industrial park,cl=0.0,con=.150@15.3C,pH=6.16@18.5C,color and turbidity okay
	11/18/2009	Follow-Up	manhole east and inlet north were sampled, source is likely ground water or unknown concentration per contractor
	11/17/2009	Initial	flow tested chlorine, conductivity,color and tubidity above threshold

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF001365			
	10/11/2010	Complete	no flow per Harford County
	6/18/2010	Follow-Up	no flow per Harford County, Harford Technical School behind SWM
	11/9/2009	Follow-Up	no flow per contractor
	11/5/2009	Initial	contractor tested for color, pH, %saturationand phenols

OF002050

	10/11/2010	Complete	no flow per Harford County
	6/18/2010	Follow-Up	no flow
	11/4/2009	Follow-Up	no flow per contractor
	10/30/2009	Initial	contractor tested for phenols, copper, turbidity and color

Outfall NumberDateStatusWater Quality**OF002093**

4/26/2010	Complete	Lab results show no chemical contamination, MDE concludes not an illicit discharge but a natural bacteriological reaction inside the pipe.
4/12/2010	Follow-Up	collected sample to be analyzed by contract lab for total petroleum hydrocarbons and VOC's for Health Dept and Mde
3/26/2010	Follow-Up	sent e-mail to Joe@ health dept about taking samples on behalf of MDE
1/26/2010	Follow-Up	this illicit discharge has been turned over to MDE for investigation and follow-up
1/25/2010	Follow-Up	property owner is Michael R. Kuzma, 1304 Business Center Way #201 Edgewood, Md 21040, 410.612.6490.
1/22/2010	Follow-Up	met in the field with representatives from MDE , discharge is considered to be illicit, MDE will continue the investigation
12/8/2009	Follow-Up	sent pictures to DNR for idetification
11/19/2009	Follow-Up	will take pictures and e-mail to DNR for identification.
11/18/2009	Follow-Up	flow, perform sources tracking opaque substance only where outfall enters stream, talk with business owner has been that way for 10 years, brought sample back to office for identification appears to be naturally occurring,pH=12.11@20.3c,dissolved oxygen=9.8,conductivity=1470@16.6, chlorine=.02,phenols=.04
11/6/2009	Follow-Up	flow tested by contractor,same conditons as yesterday
11/5/2009	Initial	flow tested by contractor, thick yellow deposits,opaque yellow water

OF002262

10/11/2010	Complete	no flow per Harford County
6/18/2010	Follow-Up	no flow per Harford County, new storm drain, insects bad
11/6/2009	Follow-Up	no flow per contractor
11/5/2009	Initial	contractor tested for phenols, copper. turbidity and color

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF002268			
	10/11/2010	Complete	no flow per Harford County
	6/18/2010	Follow-Up	no flow will revisit
	11/5/2009	Follow-Up	contractor tested phenols=0.14, color=0.52, very little flow
	11/4/2009	Initial	contractor tested chlorine=.05,phenols=0.22, color=0.49, very little flow
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OF002401			
	4/20/2010	Complete	flow tested phenols=0.14, dissolved oxygen =7.2 this is groundwater not an illicit discharge
	4/7/2010	Follow-Up	flow tested phenols=0.28, dissolved oxygen=6.6, this is not an illicit discharge, there are several grassy swales as well as bridge structures that cause standing water, the brown color sediment is due too iron oxidizing bacteria, numerous frogs, will revisit, no illicit discharge
	10/21/2009	Follow-Up	flow tested by contractor,color=63,phenols=0.34,copper=0.38,%sat=67.2
	10/20/2009	Initial	flow tested by contractor,turbidity=11,color=100,phenols=0.40,copper=0.44,%sat=75.2
OF002404			
	11/5/2009	Complete	this outfall is part of a SWM that needs maintenance,other outfalls were identified in 2008, recommended for maintenance not an illicit discharge
	10/22/2009	Follow-Up	no flow, 7 inches of brown silty water
	10/21/2009	Initial	flow , tested by contractor, very silty water

Outfall Number**Date****Status****Water Quality****OF002470**

10/11/2010	Complete	no flow per Harford County. This facility has a NPDES permit for discharge MDG766423.
8/4/2010	Follow-Up	construction complete of new Edgewood High Complex, no flow will revisit
10/30/2009	Follow-Up	active construction site of new Edgewood High School Complex will visit in 2010
10/22/2009	Initial	flow tested by contractor copper=.05, color=.40

OF002613

4/6/2010	Complete	this outfall is in a SWM facility that needs repair and maintance. Referred to Christy Joyce will do follow-up
10/22/2009	Follow-Up	flow tested by contractor,color=86,phenols=0.24,
10/21/2009	Initial	flow tested by contractor, turbidity=10,color=83,cl2=.06

OF002711

1/14/2010	Complete	no flow
11/18/2009	Follow-Up	no flow, leaves
11/9/2009	Follow-Up	flow trickle tested for chemicals by contractor, lots of leaves raked into stream
11/6/2009	Initial	flow trickle tested for chemicals by contractor

Illicit Discharges for Report Year 2011

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF000091			
	12/14/2011	Complete	contractor tested for color
	12/13/2011	Initial	contractor tested for color, source tracking performed not an illicit discharge
OF000092			
	12/13/2011	Complete	contractor tested for chlorine
	12/12/2011	Initial	contractor tested for chlorine, source tracking performed not an illicit discharge
OF000098			
	11/8/2011	Complete	contractor tested for detergents and copper
	11/7/2011	Initial	contractor tested for detergents and copper, source tracking performed not an illicit discharge
OF000111			
	12/5/2011	Complete	contractor tested for chlorine and phenol
	12/2/2011	Initial	contractor tested for chlorine and phenols, source tracking performed not an illicit discharge
OF000112			
	12/9/2011	Complete	contractor tested for color
	12/5/2011	Initial	contractor tested for color, source tracking performed not an illicit discharge
OF000394			
	12/19/2011	Complete	contractor tested for copper and color
	12/16/2011	Initial	contractor tested for copper and color, source tracking performed not an illicit discharge

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF000600			
	12/19/2011	Follow-Up	contractor tested for copper and color
	12/16/2011	Initial	contractor tested for copper and color, source tracking performed not an illicit discharge
OF000610			
	1/5/2012	Complete	no flow
	12/30/2011	Initial	contractor tested for color, source tracking performed not an illicit discharge
OF001183			
	11/18/2011	Complete	contractor tested for copper, detrgents, color, diccolved oxygen and phenols
	11/9/2011	Initial	contractor tested for copper,detergents, color,dissolved oxygen and phenols, source tracking performed not an illicit discharge
OF001224			
	1/5/2012	Complete	contractor tested for color
	11/2/2011	Initial	contractor tested for color, source tracking performed not an illicit discharge
OF001228			
	1/5/2012	Complete	contractor tested for copper and chlorine
	11/2/2011	Initial	contractor tested for copper and color, source tracking performed not an illicit discharge
OF001240			
	1/5/2012	Complete	contractor tested for color
	11/2/2011	Initial	contractor tested for colot, source tracking performed not an illicit discharge
OF001514			
	11/4/2011	Complete	no flow
	11/3/2011	Initial	contractor tested for detergents and color , source tracking performed not an illicit discharge

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF001565			
	12/1/2011	Complete	contractor tested for detergents and color
	11/28/2011	Initial	contractor tested for detergents and color, source tracking performed not an illicit discharge
OF001573			
	12/1/2011	Complete	contractor tested for color
	11/28/2011	Initial	contractor tested for color, source tracking performed not an illicit discharge
OF001582			
	12/13/2011	Complete	contractor tested for chlorine , color and phenols
	12/12/2011	Initial	contractor tested for chlorine , color and phenols, source tracking performed not an illicit discharge
OF001606			
	3/7/2012	Complete	contractor tested for color
	11/28/2011	Initial	contractor tested for color, source tacking performed not an illicit discharge
OF001648			
	12/12/2011	Complete	contractor tested for color
	12/9/2011	Initial	contractor tested for color, source tracking performed not an illicit discharge
OF001650			
	12/13/2011	Complete	contractor tested for detergents , color and phenols
	12/12/2011	Initial	contractor tested for detergents , color and phenols, source tracking performed not an illicit discharge
OF001677			
	11/8/2011	Complete	contractor tested for color and phenol
	11/7/2011	Initial	contractor tested for color and phenol, source tracking performed not an illicit discharge

<u>Outfall Number</u>	<u>Date</u>	<u>Status</u>	<u>Water Quality</u>
OF001702			
	11/18/2011	Complete	contractor tested for detergents
	11/9/2011	Initial	contractor tested for detergents, source tracking performed not an illicit discharge
OF001738			
	12/9/2011	Complete	contractor tested for color
	12/5/2011	Initial	contractor tested for color, source tracking performed not an illicit discharge
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OF001816			
	3/7/2012	Complete	contractor tested for color
	11/4/2011	Initial	contractor tested for color, source tracking performed not an illicit discharge
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OF001935			
	11/8/2011	Complete	contractor tested for chlorine, detergents and color
	11/7/2011	Initial	contractor tested for chlorine, detergents and color, source tracking performed not an illicit discharge
OF002075			
	1/5/2012	Complete	contractor tested for copper, phenols and color
	12/30/2011	Initial	contractor tested for copper, color and phenol, source tracking performed not an illicit discharge
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