
ANNUAL REPORT ON THE ENVIRONMENT

CHAPTER VI

**HAZARDOUS
MATERIALS**

V. HAZARDOUS MATERIALS

A. ISSUES AND OVERVIEW

1. Overview

Fairfax County hazardous materials concerns may be considered less significant as compared to other jurisdictions; the industrial base within the county is relatively “clean.” Nevertheless, the county does have its share of problems. The main concerns are hazardous materials incidents involving spills, leaks, transportation accidents, ruptures or other types of emergency discharges. Secondary is the use and disposal of hazardous materials in either daily household activities or by small quantity commercial generators. The final concern is the clean up and regulation of hazardous materials.

Although the news media are constantly reporting industrial and transportation related hazardous materials incidents, there is a general lack of awareness by the public of health and safety risks associated with the use, storage and disposal of common household hazardous materials. Educating the public on the implications of these hazardous materials on peoples’ lives remains a significant goal.

Possible upcoming hazardous material concerns are the potential flood of discarded television sets in the next year due to the February 2009 switch to digital television broadcasting and the switch to compact fluorescent light bulbs. Older models of televisions with cathode ray tubes contain several pounds or more of lead. CFLs contain small amounts of mercury which must be disposed of properly when the bulb is used and when it is broken. Education campaigns have focus on the cost savings of CFLs, but there are some potential concerns that are mentioned in this chapter.

2. Hazardous Materials Incidents

a. Overview of 2007 Hazardous Materials Incidents

In 2007, the Fire and Rescue Department’s Hazardous Materials and Investigative Services section received 315 complaints involving hazardous material (80 fewer than the previous year), 290 of which were reported spills, leaks or releases of hazardous materials into the environment. Of the 290 releases, 217 involved petroleum bases products. There were 54 hydraulic oil spills/releases (mostly from trash trucks), 40 fuel oil or home heating oil releases, 44 gasoline releases and 35 diesel fuel releases. The remainder consisted of a variety of materials including paint, antifreeze, cleaners, various gases, various chemicals and mercury. There were 60 incidences where the release of hazardous materials did impact storm drains

or surface waters. Currently, 32 sites are being tracked for long term remediation. The most significant of these is the Pickett Road Terminal Site (Fairfax Tank Farm) release which started in 1991. Also being assessed is the underground methane production situation in a residential neighborhood. This problem originated in early 2005. The Hazardous Materials and Fire Investigation Mobil Lab was requested to address 16 incidents or events. Personnel in this section maintain relationships with the major pipeline companies and blasting companies that operate in the county. (1)

b. Hazmat Response Team Information

The Fire and Rescue Department maintains a well equipped hazardous materials response team for emergency response. The primary unit operates out of Fairfax Center Fire Station 40. There are four satellite stations located throughout the county in support. These stations are located at Fire Station 1 in McLean, Fire Station 11 Penn Daw, Fire Station 19 in Lorton and Fire Station 26 in Springfield. These units are strategically positioned to provide rapid response and adequate coverage throughout Fairfax County. Response personnel are trained and equipped to initiate product control and mitigation measures to prevent or minimize the adverse environmental impact and damage. All units are staffed 24 hours per day, seven days per week. (1)

The Hazardous Materials Response Team responded to 416 calls in CY 2007. The team responded to a myriad of incidents including methane/propane gas emergencies, transformer fires, overturned gasoline/ethanol tank trucks, weapons of mass destructions investigation for suspicious packages or white powder, mercury events, chemical odors or spills, petroleum releases, the dumping of hazardous materials and various other Department of Transportation HazMat Class events. (1)

In addition to the efforts of the Operations Division and Hazardous Materials Investigative Services Section personnel, the Fire and Rescue Department maintains a contract with a major commercial hazardous materials response company to provide additional support for large-scale incidents. The Fire and Rescue Department has stressed its commitment to protecting the environment and residents through proper enforcement of the Fairfax County Fire Prevention Code and through rapid identification, containment and cleanup of hazardous materials incidents. (1)

3. Hazardous Materials in the Waste Stream

The disposal of household and small quantities of non-household hazardous materials into the waste stream continues to be a concern. Unlike hazardous materials incidents, the immediate impact is not as dangerous. However, the long-term impact can be just as severe. Hazardous materials in the waste stream

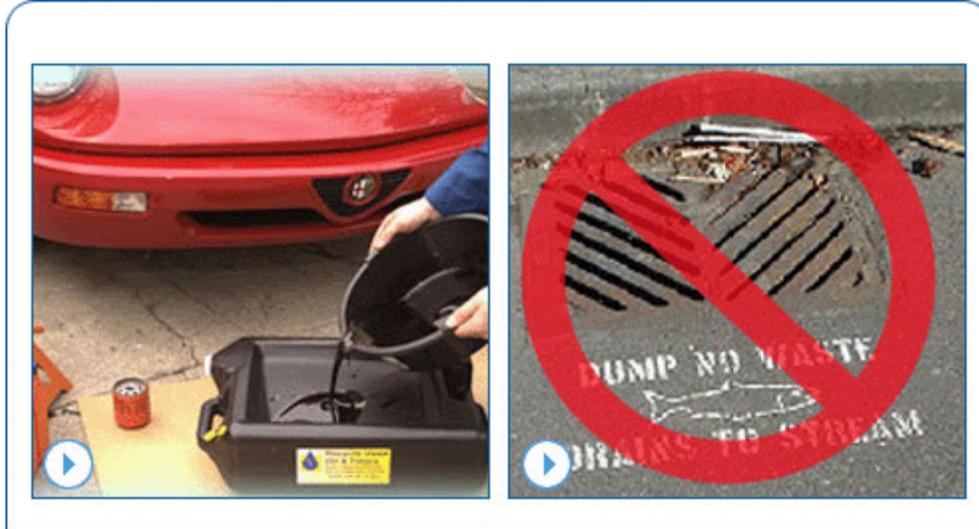
are contaminating landfills. Sometimes hazardous materials are dumped illegally, which leads to stream and groundwater pollution and soil contamination. Household hazardous wastes are products used in and around the home that are flammable, corrosive, reactive or toxic. These hazardous materials potentially can cause a safety problem if various household chemicals become mixed when disposed of with the regular trash. By disposing of household hazardous wastes separately in the appropriate manner, these materials can be properly handled and packaged to minimize exposure to potentially harmful chemicals and decrease the likelihood that these chemicals will enter the environment.

a. Used Automotive Oil and Fluids

Millions of do-it-yourselfer motorists change their own oil. Some of the oil is disposed of properly at a used-oil recycling center. But much used motor oil is being disposed of in garbage cans, sewers, storm drains and backyards – practices that can contaminate soil, local streams, rivers, bays and beaches. One gallon of used motor oil, if not disposed of properly, can contaminate one million gallons of water. (4)

As a part of its ongoing effort to educate all Americans on environmental responsibility, the EPA launched the **“You Dump it, You Drink It”** campaign, aimed at the Hispanic automotive repair and service industry and consumers. Despite the fact that about half of all automotive mechanics in the United States are Hispanic, little if any Spanish-language materials exists for the automotive repair industry and those consumers who change their own motor oil. EPA hopes to fill this void through a wide-scale distribution of these materials, which include posters, brochures and bumper stickers. These materials are available to download from the EPA Web site. (5)

Recycling of petroleum products is less well known than for other products. The recycled used motor oil is used for many purposes. The primary use is to refine it into a base stock for lubrication oil. The secondary use of used oil is to burn it for energy. If you recycle just two gallons of used oil, it can generate enough electricity to run an average household for almost 24 hours. (4)



Many service stations, repair facilities and quick lubes will accept used oil and used oil filters.

(The American Petroleum Institute-The Oil Recycling Process Web site: www.recycleoil.org [4])

b. Dumping into Storm Drains

Storm drains carry stormwater runoff from streets (see the Water Resources chapter of this report). This water is not treated and goes directly into local streams. All streams in Fairfax County eventually flow into the Potomac River, which empties into the Chesapeake Bay. Anything dumped down a storm drain will follow the same path as the stormwater runoff. (6)

The cleaning up of animal wastes and the disposal of such wastes down storm drains, as well as the disposal of leaves down the storm drains, are attempts at doing a service that have the effect of introducing pollutants directly into county streams. There are deliberate disposals of chemicals, oils and other items into the storm drains as “out-of-site, out-of-mind.” In either situation, there is a misperception that the storm drains are part of the county sewage system and that the disposal of materials down these drains does not provide a direct impact to the environment.

4. Pipelines

The following was reported by the Fairfax Joint Local Emergency Planning Committee:

“More than 3,000 companies operate some 1.9 million miles of natural gas and hazardous liquid pipelines in the United States. The pipeline network includes 302,000 miles of natural gas transmission pipelines operated by 1,220 firms, and 155,000 miles are hazardous liquid transmission pipelines

operated by 220 outfits. In addition to transmission pipelines, 94 liquefied natural gas facilities operate in the United States.”

Pipelines traverse Fairfax County, carrying refined petroleum for two companies and natural gas for three companies. The Office of Pipeline Safety in the U.S. Department of Transportation regulates pipeline design and the construction, operation and maintenance of pipelines to ensure safe transportation of hazardous liquids and natural gas. (7)

5. Rail Transport of Hazardous Materials

Chemicals and materials that are hazardous have regularly been transported by rail. While having chemicals and hazardous materials transported by rail keeps them off the highways, accidents or leaks have been, and continue to be, a cause for concern. Additional concerns have been introduced as a result of the September 11, 2001 terror attacks, new ethanol transfer stations and the future shipments of nuclear radioactive waste throughout the country.

The July 18, 2001 CSX Train fire in a Baltimore, Maryland tunnel was an unintended incident involving a train car with hazardous materials and had wide-range, long-term consequences. Major sections of the downtown were closed, businesses were impacted, Orioles’ games had to be rescheduled, and portions of a major street were closed for five weeks. (3)

The July 2001 Baltimore tunnel fire immediately got woven into debate of whether nuclear waste could be transported safely to Nevada. Studies in 2003 were performed to determine what would have happened had the train been carrying nuclear waste. Conclusions differed. A state analysis concluded that a cask carrying radioactive spent fuel would have been breached by temperatures inside the Howard Street Tunnel. Escaping radioactive particles would have contaminated 32 squares miles, increased the chances of cancer deaths for up to 28,000 people and cost \$13.7 billion to clean up. The Nuclear Regulatory Commission said the nuclear waste canister would have endured the fire “and the health and safety of the public would have been maintained.” (3)

Rail through Fairfax County is in the eastern and southern portions of the county and does not include tunnels. Residents are generally not located as close to the rails in Fairfax County as in other jurisdictions. However, some hazardous materials, alone or in combination, when released can affect areas up to miles from the initial site of the incident. It is conceivable that Fairfax County residents could be impacted with hazardous materials from a rail incident in another jurisdiction.

B. PROGRAMS, PROJECTS AND ANALYSES

1. Fairfax Joint Local Emergency Planning Committee

Local Emergency Planning Committees are required by Section 301[c] of Title III of the Emergency Planning and Community Right-to-Know Act, a freestanding provision of the Superfund Amendments and Reauthorization Act of 1986. The main thrust of SARA is to identify and clean up waste sites that are potentially toxic. Title III has two important provisions: 1) it provides for emergency response planning to cope with the accidental release of toxic chemicals into the air, land and water; and 2) the community right-to-know provisions of Title III help to increase the public's knowledge and access to information on the presence of hazardous chemicals in their communities and releases of these chemicals into the environment. Under Title III, states are required to organize into planning areas and to establish local Emergency Planning Committees.

The FJLEPC is comprised of representatives of the city of Fairfax, the county of Fairfax, the town of Herndon and the town of Vienna. Committee members include local government officials, police, fire and rescue officials, environmental and governmental planners, public health professionals, hospital officials, public utility and transportation officials, representatives of business organizations, professional societies, civic organizations and the media. These representatives meet six times per year. The FJLEPC: (1) collects information about hazardous materials; (2) develops and updates, on an annual basis, the Hazardous Materials Emergency Response Plan; and (3) provides information to the public about the use, storage and manufacture of hazardous materials. The Plan also contains notification procedures in the event of an incident, on site means of detecting incidents, evacuation routes, clean-up resources and identification of parties responsible for the site. The Annual Plan is exercised regularly.

FJLEPC provides education and outreach to the public. Information is disseminated through public meetings, brochures, newsletters and a Web site: www.lepcfairfax.org. The newsletter, which is mailed to civic and homeowner associations, focuses on emergency preparedness, disaster planning and fireworks safety. FJLEPC produced a video about shelter in place. The video is available through any of the Fairfax County public libraries as well as online through the county's "video on demand" service at www.fairfaxcounty.gov/cable/channel16/vod.htm. (8) LEPC members are available to speak to businesses or residents' groups, as requested.

2. Railroad Transportation Plan

The CSX Transportation, Hazardous Material Systems, has a hazardous material emergency response plan. A written copy of that plan is on file with FJLEPC and the Fairfax County Fire & Rescue Hazmat Station 34. The Web site for CSX is: www.csx.com.

On the Web site, CSX reports that each year it moves over 300,000 shipments of hazardous material and has a low number of incidents. "For every billion ton-miles of hazardous materials transported, trucks (which operate over inherently more dangerous highways) are involved in 10 times as many accidents as the rails. CSXT has achieved a 99.9 percent success rate for safe transportation of hazardous materials." CSX has been involved with years of hearings and legal proceedings concerning the safety with urban rail transportation of certain hazardous materials. Among these is the re-routing trains around Washington D.C. (9).

3. Storm Drain Education Program

The Northern Virginia Soil and Water Conservation District has coordinated storm drain education in Fairfax County for over a decade. In 2007, Fairfax County, as part of its watershed plan implementation, continued to support the program by purchasing the plastic markers and glue and reproducing the program's flyers. With that assistance, the District continued to expand this water quality improvement program. This program has proven to be an effective, low-cost method of educating large segments of the population about water quality problems in our streams, lakes, rivers and the Chesapeake Bay. Volunteers can choose preprinted markers and adhesive or stencils and paint to mark storm drains. (6)

The goal of the expanded program continues to be educating the community about the water quality impacts of storm drain dumping. Pollution that enters our water resources through storm drains is called nonpoint source pollution because it comes from all our homes and communities. Nonpoint source pollution is the leading cause of water quality deterioration in the Chesapeake Bay. During 2007, 909 volunteers worked in their communities to carry out 48 NVSWCD projects. These volunteers included scout groups, middle and high school students and homeowner associations. As a result, more than 21,297 households in Fairfax County received nonpoint source pollution prevention education. This included information about how to properly dispose of used motor oil and other hazardous materials. The volunteers labeled 5,210 storm drains which provide an on-going reminder to not dump anything in storm drains. Check NVSWCD's Web site, to learn more about the Storm Stenciling Program and how civic and community groups can have their local drains marked (<http://www.fairfaxcounty.gov/nvswcd/stormdrained.htm>). (6)

NVSWCD also publishes a bi-monthly newsletter, *Conservation Currents*, for Fairfax County residents. The June 2005 issue focused on hazardous waste reduction and included an article entitled “Healthy Homes, Healthy Communities: Household Hazardous Waste Reduction in Fairfax County.” The article included information on how to determine which home products are hazardous waste and provided information on safe disposal. (6)



Pictures of storm drain marking by local volunteers (provided by NVSWCD (6))

A relatively new group of local governments and utilities called the Northern Virginia Clean Water Partners has launched an effort to educate the public about how to prevent water pollution. The group includes the counties of Fairfax, Arlington, Loudoun, Prince William and Stafford; the cities of Alexandria, Fairfax and Falls Church; and the towns of Dumfries, Herndon, Leesburg and Vienna. Other members of the partnership are Fairfax Water, Loudoun Water, the Northern Virginia Regional Commission and the Virginia Department of Environmental Quality Coastal Zone Management Program. (2)



The logo, and theme, for the Northern Virginia Clean Water Partners (2)

Each spring, NVCWP launches a campaign to remind residents that they can reduce the amount of polluted storm water reaching waterways. The group plans surveys to help quantify the effectiveness of the campaign. It also wants to figure out how aware Virginians are of stormwater pollution and the behaviors that cause it. Last year’s survey found that after hearing the radio spot, 12 percent of respondents would be more careful with fertilizer, nine percent would pick up after their pet more often and nine percent said they would recycle their motor oil. (2)

To learn more about NVCWP, check its Web site at: www.onlyrain.org.

4. Household Hazardous Waste Program

As a part of the suite of recycling and disposal services offered to Fairfax County residents, the county's Solid Waste Management Program operates two permanent Household Hazardous Waste collection facilities, one at the I-66 Transfer Station and the other at the I-95 Complex. Information on the locations, hours of operations and types of wastes accepted and how to dispose of the wastes can be found on the county's Web site at www.fairfaxcounty.gov/dpwes/trash/disphhw.htm or by calling a recorded 24 hour information line at 703-324-5068.

I-66 TRANSFER STATION

Thursday: 1:00 p.m. – 5:00 p.m.
 Friday: 8:00 a.m. – Noon
 Saturday: 8:00 a.m. – 4:00 p.m.
 Sunday: 9:00 a.m. – 4:00 p.m.

I-95 LANDFILL

Thursday: 8:00 a.m. – Noon
 Friday: 1:00 p.m. – 5:00 p.m.
 Saturday: 8:00 a.m. – 4:00 p.m.

The HHW program provides an overall community benefit, and therefore residents are not charged when they use the program. The program receives its funding through the Solid Waste Management Program tip fees and from the General Fund. Beginning in FY 2009, the General Fund support will be removed and the program will be paid entirely from tip fees. In FY 2008, materials deposited by residents for disposal or recycling primarily consisted of antifreeze, motor oil, lead acid batteries and latex paint. It is germane to note that none of these materials is regulated as hazardous waste.

In FY 2008, 21,958 users participated in the HHW program, disposing of 428,064 pounds of HHW. This represents only an 0.7 percent increase in the number of users compared to FY 2007 but a 5.4 percent increase in the weight of HHW disposed over FY 2007 data. Program details are provided in Table VI-1 below (11).

It is anticipated that the amount of HHW entering the county program will continue to increase; however, capacity is available at the existing facilities to meet county needs well into the future.

TABLE VI-1
Fairfax County Household Hazardous Waste Program:
Record of Fiscal Year Disposal

Fiscal Year	Participation (# of users)	HHW (pounds)	Cost per household
FY 2008	22,112 households	452,552	\$30.59
FY 2007	21,958 households	428,064	\$27.77
FY 2006	21,471 households	440,076	\$26.32
FY 2005	22,866 households	411,315	\$18.84
FY 2004	18,600 households	373,220	\$22.92
FY 2003	16,140 households	359,840	\$23.30
FY 2002	16,272 households	368,060	\$20.97
FY 2001	15,312 households	356,275	\$18.75
FY 2000	15,564 households	330,325	\$18.33

Source: Fairfax County Department of Public Works and Environmental Services, Division of Solid Waste Disposal and Resource Recovery, excludes remote HHW events.

5. Commercial Hazardous Wastes

In FY 2008, the SWMP conducted three Conditionally Exempt Small Quantity Generator waste collection events at the I-66 Transfer Station Complex. A CESQG is, according to federal hazardous waste regulations, any business that generates less than 220 pounds or 27 gallons of hazardous material per month. CESQGs pay a disposal fee for the hazardous material they bring to these events. This fee is generally lower than what it would cost to have an appropriate contractor pickup the waste at an individual business location. This allows the CESQGs to be able to afford to participate in an environmentally responsible program. Commercial hazardous waste generators that do not qualify as CESQGs must rely on commercial hazardous waste disposal companies for their disposal needs. In FY 2008, 71 companies participated in the three events. Information about the CESQG program and a list of commercial hazardous waste disposal companies are available on the county's Web site at www.fairfaxcounty.gov/dpwes/trash/disphazcomm.htm.

The SWMP also spearheaded development of the Know Toxics program, managed regionally by the Northern Virginia Regional Commission staff and Waste Management Board, www.KnowToxics.com (11).

6. Rechargeable Battery Recycling

In addition to the SWMP's battery collection activities described in the Solid Waste chapter of this report, the SWMP also collects mercury and lithium batteries for recycling at its HHW facilities. Non-rechargeable household batteries are not accepted by the program and can be safely thrown away.

NiCad and other rechargeable batteries (commonly found in cordless tools and appliances, computers, camcorders, cameras and toys) are also accepted by the HHW program. The program has put rechargeable battery containers at the Fairfax County Government Center and each of the Board of Supervisor's offices, and program staff collects these batteries on a routine basis. A complete listing of collection locations is on the county Web site at: <http://www.fairfaxcounty.gov/dpwes/recycling/mat-bat.htm>.

As described in the Solid Waste section of this report, the SWMP also participates and actively supports the recycling service provided by the Rechargeable Battery Recycling Corporation (11).

7. Remote Household Hazardous Waste Events

As an adjunct to the permanent HHW facilities, and as described in the Solid Waste chapter of this report, the SWMP has received special funding through the county's Environmental Improvement Program to conduct a series of remote HHW collection events at locations throughout the county. In FY 2008, five of these events were conducted in Mount Vernon, Mason, Dranesville, Hunter Mill and Springfield Districts. These events require the use of an outside contractor to augment county staff as the events are held on Saturdays, which is the same time that county permanent sites receive maximum use. The cost of the remote events is approximately \$22,185 per event. They are provided at no cost to county residents and, therefore, dependent upon the special funding from the Board of Supervisors. Over 1,898 households participated in the five events. These events removed over 117,827 pounds of materials from the waste stream and disposed of 980 CFLs. In addition, 547 tons of electronics/computers were collected in the county in CY 2007. (11)

8. Fluorescent Lights

Compact fluorescent lights have become popular for residential use due their energy savings potential. However, these lights contain minute quantities of mercury which classify them as HHW when they are disposed. These types of lights are accepted for proper management from residents at both of the county's HHW facilities and at the remote HHW events.

Small businesses that generate less than the regulated quantity of fluorescent lights may bring them to the business hazardous waste collection events. Other larger businesses that generate regulated quantities of these materials must comply with federal and state regulations regarding their proper disposal or recycling of the lights (11). A new brochure about the value of using fluorescent lights and how to recycle them is available on the county Web site.

While CFLs require more energy in manufacturing than incandescent lights, this is said to be offset by the fact that they last longer and use less energy during

their life spans. But while CFLs are reported to have significant energy savings, some reports indicate this high energy savings will be reduced considerably if these lights are used in places where the light is turned on and off frequently. Using regular CFLs with a dimmer or with an electronic/digital timer can shorten the bulbs' life. There are other reasons regular CFLs can fail prematurely. With incandescent bulbs beginning to be phased out in 2012, concerns about CFLs include the initial cost to change over to CFLs, shorten bulb-life if not used correctly, and with shortened life of bulbs, an increased need to recycle these bulbs over what is projected. (10)

C. REPORTING ENVIRONMENTAL CONCERNS AND ISSUES

Environmental issues affect everyone living and working in the county. All environmental concerns and events negatively impacting the county should be reported. A list of contact information relating to environmental crimes is provided in Table VI-2 below.

D. LEGISLATIVE UPDATE

On December 19, 2007, the Energy Independence and Security Act of 2007 was signed. Among other things, this will begin the phase out of the incandescent light bulb from the U.S. market in 2012. (10)

E. COMMENTS

EQAC adds one new comment and reiterates its comments from the 2007 Annual Report on the Environment:

1. The transition to compact fluorescent lights beginning in 2012 will have a major impact on consumers and landfills. With the varied information about how long the CFLs last with different uses and how that may impact consumers and landfills, EQAC suggests that the county prepare correct information on the different types of CFLs needed for different uses like timers, dimmers and lights that are frequently turned on and off. After the 2009 digital television transition, the county should begin educating citizens, businesses and builders.

Table VI-2	
HOW TO REPORT ENVIRONMENTAL CRIMES	
<u>Type of Incident</u>	<u>Phone Number</u>
<p><u>ANY ACTIVE RELEASE OF MATERIALS INTO THE ENVIRONMENT</u></p> <p>If the dumping of any substance into a stream, into a manhole, into a storm sewer or onto the ground is witnessed, assumptions regarding the contents of the materials should not be made. 911 should be called immediately. When calling 911, be prepared to provide specific information regarding the location and nature of the incident. The local office of the U.S. Environmental Protection Agency (703-235-1113) can be called in addition to (but not instead of) 911.</p>	911
<p><u>HAZARDOUS MATERIALS-DANGEROUS</u></p> <p>If a suspected hazardous substance is being released, if lives are in danger or if property is threatened, 911 should be called immediately. It is also appropriate to call 911 anytime an active release is witnessed.</p>	911
<p><u>HAZARDOUS MATERIALS-NO IMMEDIATE DANGER</u></p> <p>If a known discharge of hazardous materials has occurred in the past and no lives or property are in immediate danger; this must be reported to the Fairfax County Fire and Rescue Department's Hazardous Materials and Investigative Services Section at this number (includes Towns of Clifton, Herndon and Vienna). If there is any question about whether a release may still be active or whether there may be any immediate danger, 911 should be called.</p>	<p>During working hours, call: 703-246-4386</p> <p>After hours, call: 703-691-2131</p>

Table VI-2 (continued)	
HOW TO REPORT ENVIRONMENTAL CRIMES	
Type of Incident	Phone Number
<p><u>RELEASE OF ANY MATERIAL INTO THE ENVIRONMENT</u></p> <p>Any release of materials into the environment, whether hazardous or not, should be reported to the Northern Regional Office of the Virginia Department of Environmental Quality at the above number. If the release is an active one, call 911.</p>	<p>703-583-3800</p>
<p><u>EROSION AND SEDIMENTATION</u></p> <p>If the illegal removal of trees, the illegal clearing of land and/or the illegal dumping of fill is suspected, contact Fairfax County's Code Enforcement Division at this number. This number should also be contacted if siltation and other harmful effects of construction activity are occurring or observed on neighboring lands and waterways. All calls received during non-working hours will be responded to during the next business day.</p>	<p>703-324-1937</p>
<p><u>HEALTH HAZARDS</u></p> <p>In addition to the above contacts, if a health hazard is suspected, contact the Environmental Health Administration at this number. The Health Department's Community Health and Safety Section (703-246-2300) can also be called. Asbestos-specific releases should also be reported to the Health Department.</p>	<p>703-246-2205</p>

2. EQAC continues to support an aggressive public education campaign on how to properly dispose of household/residential, commercial and industrial hazardous waste. EQAC further suggests continuous partnering with the Northern Virginia Board of Realtors and solid waste haulers to distribute information to all new residents in the county. New residents would be anybody buying or renting a house, townhouse or condominium. Waste removal companies could be asked to include an information letter with their mailings to their customers. Creative use of other organizations is also encouraged.
3. EQAC recognizes the county's ability to collect rechargeable batteries at the I-66 transfer station, the I-95 solid waste site and special programs with the business

community. Schools and other organizations should be encouraged to come up with creative initiatives to promote significant increases in recycling rechargeable batteries. Possible sites to house recycling drop off bins should be explored, such as outlying areas of parking lots. With the growing popularity and use of rechargeable battery products, especially cellular phones, EQAC recommends an aggressive program to promote recycling of NiCad rechargeable batteries.

4. EQAC supports continuation of advertisement and education of the public regarding the types of hazardous materials and other environmental situations residents are requested to report, including whom they are to contact. Possible avenues are community association newsletters, press release stories to the media and age appropriate material sent home through the schools. Avenues that are not connected with environmental information should be explored to reach people not drawn to environmental events.

F. RECOMMENDATIONS

No new recommendations are proposed this year.

REFERENCES

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11. Division of Solid Waste Disposal & Resource Recovery and Division of Solid Waste Collection and Recycling FY 2008 Reports
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