

# MDE Environment

Maryland Department of the Environment

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October 2000

## Smart growth wins air award

Governor Parris N. Glendening announced Sept. 25 that Maryland's nationally renowned Smart Growth and Neighborhood Conservation Program was selected from more than 100 entries nationwide to receive the U.S. Environmental Protection Agency's Clean Air Excellence Award in the regulatory/innovations category.

"It is a real honor to be recognized by EPA for our Smart Growth initiatives and their contribution to cleaner air for all Maryland families," Governor Glendening said. "Maryland has become the national model for Smart Growth by encouraging people to think about land use planning and investing in our existing communities in ways that curtail runaway suburban sprawl, encourage transit-based development, protect our air, land and water resources and preserve open space. We recognize that what we do on the land directly impacts the health of our air and water."

Maryland's Smart Growth initiative, implemented through programs in various state agencies, will reduce air pollution as development patterns are altered, urban communities are revitalized and rural landscapes are preserved.

In announcing Maryland's award, Assistant EPA Administrator Robert Perciasepe said that the Smart Growth program was chosen by EPA for its "impact, innovation and replicability. I congratulate you for your dedication to improving the nation's air quality."

Applicants were judged on criteria including actions to reduce emissions of pollutants, greenhouse gases and hazard-

ous air pollutants, positive effects on other environmental resources in addition to air and the demonstration of effective collaboration and partnerships.

In addition to the EPA award, Maryland's Smart Growth program has been recognized nationally by the Sierra Club, World Wildlife Fund, National Trust for Historic Preservation, the American Planning Association, the American Society of Landscape Architects, and the John of Kennedy School of Government at Harvard University.



*Preserving What's Best  
About Maryland*



PHOTO BY RICHARD MCINTIRE

## Businesses note P2 success

Above, Pat Winter, executive director of Eastern Baltimore Area Chamber of Commerce, left, Jim McLean, director of the Governor's Office of Business Advocacy, Ed Haile, Chairman, Daft McCune Walker, right, and Laura Armstrong, Maryland Department of the Environment Pollution Prevention Coordinator, second from left, hold a proclamation signed by Gov. Parris N. Glendening declaring Sept. 18-24 National Pollution Prevention (P2) Week in the state. The proclamation was presented at a waste reduction workshop for businesses held Sept. 22 where speakers from the National Aquarium in Baltimore, Sweetheart Cup, and Constellation Energy Group shared their success stories in the areas of pollution prevention planning, sustainable landscaping, energy efficiency, mass transit, and alternative fuels.

## Agencies do well during nuclear drill

By Bob Maddox

Maryland and Pennsylvania emergency response agencies and local governments demonstrated their readiness in the event

of a nuclear accident at the Peach Bottom Atomic Power Station in York County, Pennsylvania.

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<http://www.mde.state.md.us>

# MDEnvironment

October 2000

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## TMDLs: the 'single most important program' to clean water

By Jim George

The federal Clean Water Act obligates all states to monitor and maintain an inventory of the quality of their waters. If, after all required pollution control technologies have been implemented, a waterbody does not meet water quality standards, then states are required to estimate the maximum amount of the impairing substance or stressor that the waterbody can withstand. This maximum threshold is called a Total Maximum Daily Load (TMDL). Maryland's 303(d) list of water quality standards violations, approved by the U.S. Environmental Protection Agency (EPA) in 1998, includes about 350 separate impairments.

Under an agreement signed with EPA in November 1998, MDE set a goal of addressing all 350 listings by 2008. In a separate agreement, MDE laid out a long-term schedule that specifies the approximate number of waters to be addressed

collection and processing can be very extensive. After construction, these models are used to conduct the TMDL analysis. In 2000, MDE had about 64 active watershed and water quality modeling projects. The number of active modeling projects is projected to increase to over 100 in 2001.

In July, the EPA promulgated major revisions of the TMDL regulation, which becomes effective in October 2001. EPA Administrator Carol Browner characterized the revised regulation as "the single most important program we can adopt to address the remaining water pollution problems in this country." Perhaps the most significant change in the regulation is that a TMDL will no longer be defined as the maximum loading threshold, but rather as the combination of that threshold and a plan for implementing that goal. Meeting this new requirement will entail the following additional steps in the TMDL development process. After MDE

conducts the analysis to determine the loading threshold, a preliminary review by EPA will be solicited. Once EPA has reviewed the analysis, MDE will conduct a stakeholder process to develop the implementation plan. When completed, the loading analysis and implementation plan will be offered for public review and comment before the package is submitted to EPA.

EPA guidance on requirements for approval of an implementation plan is pending. Accounting for a phase-in period, implementation plans will become a necessary element of TMDL submittal packages in April 2002, the same month Maryland's revised impaired waters list is due to EPA.

Details about the MDE's TMDL program may be obtained by contacting Andrew Der at (410) 631-3602, or by accessing the department's Web Page at [www.mde.state.us/mde/TMDL](http://www.mde.state.us/mde/TMDL).



each calendar year. A listed waterbody can be addressed either by conducting water quality study that demonstrates the waterbody is not impaired, or by developing a TMDL. MDE is currently on track for meeting its TMDL commitment.

The number of TMDLs completed in any given year is small compared to the number of on-going projects needed to meet future-year goals. First, field studies must be planned and executed, allowing time for laboratory analyses. The data collected in the field, and elsewhere, must then be processed and stored in electronic form for use by water quality analysts. Two or three complex computer simulation models are typically developed: A watershed model to simulate runoff from the land, a water quality model to simulate the water chemistry, and depending on the complexity of the waterbody, it might be necessary to develop a hydrodynamic model to simulate the movement of the water (e.g., currents, tides). Depending on the complexity of the models, data

## Directory seeks organizational listings for resource publication

*Environment Maryland!* A Directory of business, education and career resources was originally released in July 1996 by Gov. Parris N. Glendening. Since then, more than 6,000 copies of the directory have been distributed all across the U.S. Requests for copies of the publication are still being received, four years after its original release.

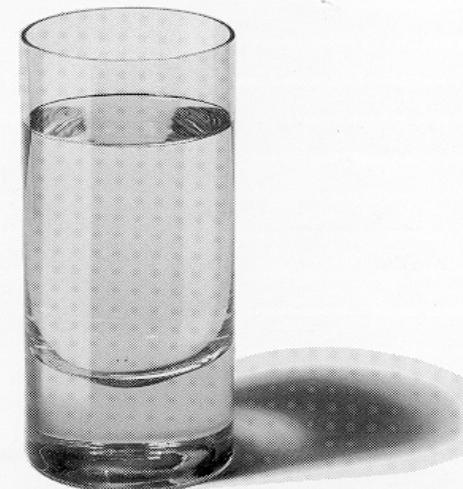
*Environment Maryland!* Is in the process of updating its records and seeks organi-

zations to be listed in a database.

The current project involves updating and expanding the information collected during the initial publication. With this new information, the framework for an Internet website will be established, providing worldwide access via a searchable database. There is no charge to have information included on the website.

There are two ways to include an  
**See LIST, Page 6**

## NOW IT COMES WITH A LIST OF INGREDIENTS.



What's in your tap water besides water? A short new report from your water supplier will tell you where your water comes from, what's in it, and how safe it is. Look for the report in your mail, and read it. Because when it comes to understanding your drinking water, the most important ingredient is you.



### DRINKING WATER. KNOW WHAT'S IN IT FOR YOU.

Call your water supplier or the Safe Drinking Water Hotline at 1-800-426-4791. Or visit [www.epa.gov/safewater/](http://www.epa.gov/safewater/)

# MDE guards against accidental radiation exposure

This article is the sixth in a series of articles focusing on the Maryland Department of the Environment's (MDE) environmental and public health protection goals that form MDE's Managing Maryland for Results workplan. The MFR system is a results-based approach to management that includes strategic planning, continuous quality improvement, and performance planning and evaluation. MDE's MFR workplan for State fiscal year 2001 is available at MDE's website: [www.mde.state.md.us](http://www.mde.state.md.us)

## By Dorothy Guy

Radiation is often a misunderstood public health hazard, in part because exposure to it can be both harmful and beneficial. Natural radiation comes from outer space, the ground, and even from within our bodies. Radiation is all around us and has been present since the Earth was formed, though humans did not discover it until 1896. Forty years later, the Curies learned how to artificially produce radioactive elements and, within 10 more years, Fermi split the atom.

Today, Americans receive more than 200 million x-rays per year. X-rays are high-energy waves emitted by an electronic device, which allows the user to see through one or several layers. Though sometimes treated as innocuous, failure to properly operate or secure x-ray machines can result in injury or death.

Additionally, radioactive elements provide the fuel source at several nuclear power plants, which generate electricity for our use. The potential exists, in case of accident, for the escape of large amounts of radiation into the atmosphere. Operational and physical plant safeguards and emergency planning are key to minimizing the potential for occurrence of an accident and for harm to the public health.

### What is our goal?

Under both state and federal law, MDE is charged with ensuring that the public is protected from unnecessary levels of radiation.

Key areas of emphasis for meeting this goal include:

- (1) Registering, certifying, and inspecting radiation machines;
- (2) Licensing and inspecting users of radioactive materials; and
- (3) Responding to emergencies involving radioactive materials and transportation activities or nuclear power plant operations.

### Meeting the goal

**Radiation machines**— X-ray machines used for medical, dental, veterinary, industrial, and academic uses are inspected regularly. The department inspects dental and veterinary machines and privately licensed inspectors inspect all other machines. Upon satisfactory review of an inspection report prepared by a licensed inspector, the department cer-

tifies that the inspected x-ray machine meets applicable standards and issues a certificate to this effect. The frequency of inspection varies by machine type, with dental x-ray machines being inspected once every three years. Enforcement action may be taken against machine owners who are not in compliance with requirements. By hiring and training more inspectors and improving its management procedures, the department has significantly reduced a backlog of x-ray machine certifications and has greatly increased the number of inspections that it performs. Plans are underway to record inspection data directly on laptop computers, allowing results to be quickly transferred to a centralized database.

**Radioactive materials**— MDE licenses and inspects facilities that use radioactive materials under an agreement with the U.S. Nuclear Regulatory Commission (NRC). In order to continue this arrangement, the department's radioactive materials licensing and inspection program must be periodically evaluated by a team consisting of NRC staff and another state. In early 1999, during one of its periodic reviews, the NRC found MDE's program to be both "adequate" to protect the public health and "compatible" with the NRC's regulatory program. This positive rating signifies the effort Maryland has made to improve its program.

The department currently licenses about 1,000 radioactive materials facilities. Inspections of these facilities range from quarterly for one particularly significant licensee to once every five years, depending on the potential hazard of the radioactive materials activities and the enforcement history of the user. MDE is now working to further improve the timeliness and technical quality of its licensing actions and its evaluations of "sealed sources and devices." These are individual pieces of equipment (the "device") that contain an enclosed radioactive material (the "sealed source") within them and need approval for use nationwide. Examples include radiography cameras used for structural analysis of bridges and buildings, moisture/density gauges used for analysis of soils and roadbeds under construction, and teletherapy equipment for cancer treatment.

**Radiation emergencies**—The department also works to ensure that it is capable of responding rapidly and effectively to accidents/incidents involving nuclear materials, especially those that may occur during transportation and at nuclear power plants. On a regular basis, the department participates in emergency radiation response exercises with a variety of federal and state agencies and electric utilities. Most recently, the

department participated in an exercise for the Peach Bottom facility in York County, Pa. and received a favorable evaluation of its actions related to the exercise.

### What are the objectives?

The key management objectives under the radiation goal are:

- (1) To implement the radioactive materials and licensing and inspection and radiation machines registration, certification, and inspection programs so as to ensure that the public is protected from unnecessary radiation; and
- (2) To respond rapidly and effectively to accidents/incidents involving nuclear material including nuclear power plants.

### Strategies for meeting objectives

To implement the federal and state laws and regulations for the control of radiation, MDE is undertaking the following activities:

- License and inspect users of radioactive materials to ensure compliance with requirements
- Register all electronic radiation machines operating in Maryland
- Take appropriate enforcement action in cases of non-compliance
- Inspect dental and veterinary x-ray machines
- Certify medical, industrial, and academic x-ray machines
- License health physicists to perform inspections of certain radiation machines
- Perform inspections of mammography facilities and refer violations to federal authorities
- Respond to emergency calls involving the actual or potential release of radiation
- Review and approve sealed source and device registration sheets for devices made in Maryland
- Participate in emergency radiation response exercises with a variety of federal and state agencies
- Require municipal and commercial medical waste incinerators to monitor for radioactive materials in incoming waste streams and to manage regulated radioactive materials appropriately

### Challenges/barriers?

As machines become more sophisticated and complex, there is a need to keep abreast of technology so that adequate reviews can be performed. Since the goal is to avoid unnecessary exposure to radiation, it is imperative that actions are taken to maximize the compliance rate of the regulated community, for a non-compliant situation generally means that conditions exist which can allow radiation exposure to occur beyond minimum levels.

## Oil spill committee meets

Maryland's Oil Spill Prevention Advisory Committee has set the following meeting dates and times.

Tuesday, October 3  
10:00 am – 12:00 noon  
Lowe House Office Building  
Room 120, Annapolis, MD

Tuesday, October 10  
2:00 – 4:00 pm  
MDE, 2500 Broening Highway  
Chesapeake Conference Room

Tuesday, October 24  
2:00 – 4:00 pm  
MDE, 2500 Broening Highway  
Chesapeake Conference Room

Wednesday, November 8  
2:00 – 4:00 pm  
MDE, 2500 Broening Highway  
Chesapeake Conference Room

Tuesday, November 21  
2:00 – 4:00 pm  
MDE, 2500 Broening Highway  
Chesapeake Conference Room

Tuesday, December 5  
2:00 – 4:00 pm  
MDE, 2500 Broening Highway  
Chesapeake Conference Room

Tuesday, December 19  
2:00 – 4:00 pm  
MDE, 2500 Broening Highway  
Chesapeake Conference Room

Appointment of the committee was prompted by the April pipeline break at Pepco's Chalk Point Power Plant that sent 126,000 gallons of oil spilling into Swanson Creek Marsh and the Patuxent River.

For additional information, please contact Greg Sonberg in MDE's Oil Control Program at 410-631-3386 or toll free within Maryland at 1-800-633-6101 ext. 3386.

To ensure that Maryland's radiation goals can be met, MDE continues to seek adequate federal and state funding. Sustained funding is needed for registration and licensing programs, training, inspections, and enforcement activities.

Questions about MDE's radiation management program can be directed to Dorothy Guy at (410) 631-3265 or via email at [dguy@mde.state.md.us](mailto:dguy@mde.state.md.us). Questions about MFR should be directed to John Mitchell at (410) 631-3772 or via e-mail at [jmitchell@mde.state.md.us](mailto:jmitchell@mde.state.md.us).

# Agencies move to revise forest harvest guidelines, seek comment

In an effort to continue improving Maryland's water quality, stabilize streams and preserve soil, the Maryland Department of the Environment (MDE) and De-

partment of Natural Resources (DNR) have unveiled a draft of upgraded standards for commercial and private timber cutting in Maryland forests.

## DRILL Continued from Page 1

On August 15, the Maryland Department of the Environment (MDE) in conjunction with the Maryland Emergency Management Agency (MEMA), PECO Energy Company, and several other Maryland and Pennsylvania agencies, conducted an emergency response exercise at Peach Bottom. The facility, which is operated by PECO, supplies electricity to customers in both Maryland and Pennsylvania.

"The Nuclear Regulatory Commission [NRC] requires nuclear facilities to have a safety plan in place as a condition of the operations," explained Mike Sharon, chief of MDE's Emergency Response Unit. "Every nuclear facility also has to test its preparedness for a radiological emergency."

Power plants rely on either a fuel source or natural power to generate electricity. Nuclear plants use uranium, a radioactive element, as fuel to heat water. The heated water creates steam which spins several turbines. The turbines then generate electricity. Unlike other fuels such as coal, oil and natural gas, uranium does not burn. The heat needed to create steam in a nuclear power plant comes from a process called fission — inside a reactor uranium atoms are bombarded with neutrons, causing the atoms to split, generating heat in the process. Radiation is a by-product of the fission process at a nuclear power plant.

Radiation exists in nature and we are exposed to it daily from the sun, the ground, buildings, and other things around us. The radiation we are normally exposed to does not threaten our health. However, if the amount of radiation is large enough, the body's cells can be damaged. Radiation from an accident at a power plant can pose a danger to public health and the environment.

Recognizing this, "safety first" is the mantra of operators of nuclear power plants. The main safety objective in plant design and operation is to minimize the chance of an accident. In this regard, nuclear power plants are designed with extensive safety systems, backup systems, and radiation release barriers. Accidents are rare. Nonetheless, facilities must have plans in place to protect plant workers and area residents should an accident occur.

The safety plan at Peach Bottom is tested every two years. This test, or radiological emergency preparedness exercise, involves responding to a hypothetical accident scenario. The test determines how effectively the company and responsible agencies respond to the event and communicate with the public. The event is kept secret until the exercise begins. Maryland agencies are involved with the Peach Bottom plant exercise because an accident there could affect residents in Maryland's Harford and

Cecil Counties. MDE monitors for radiation and is one of the decision-makers on what precautions the public should take to protect their health and the health of livestock and animals. MEMA has a significant role in communicating the precautions to the public.

In the scenario presented during the Aug. 15 exercise, plant operators located an equipment malfunction that was determined to pose only an on-site risk. Officials from the agencies deliberated with plant operators to determine what actions to take and ordered non-essential personnel to leave the plant. During mock press conferences, a public affairs team comprised of company and agency officials informed the public of the events at the site, issued advisories, and answered questions posed by a mock press corps.

The team then advised municipal officials within a 10-mile radius of the plant to place police, fire and emergency medical personnel on standby. During a subsequent press conference, the team advised farmers within a 10-mile radius to shelter their animals and people to remain indoors because radiation was detected outside of the reactor.

When radiation is detected beyond a plant, people and animals within a 10-mile radius are considered vulnerable to over-exposure to radiation. The first precaution is for people to stay indoors and to shelter animals and cover their feed. In the event of a more serious radiation release, officials may order people to evacuate the area and go to a shelter beyond the 10-mile radius. In this instance, people and animals from 11 to 50 miles from the plant should remain indoors. Also, crops and milk from cows can become contaminated within the 50-mile radius and should not be consumed.

The last part of the exercise indicated that a plume of radiation was released from the plant. The final advisory of the exercise had the governors of Maryland and Pennsylvania order an evacuation of residents from the 10-mile radius and issue other advisories for those within a 50-mile radius.

Officials from the Federal Emergency Management Administration evaluated the exercise.

"The draft report from FEMA did not indicate any deficiencies with the exercise or recommend any corrective actions," said Mike Sharon. "It's a super evaluation."

"The initial evaluation of the public affairs support for this exercise was outstanding," said MEMA Director David McMillion. "The teamwork shown reflects favorably on the ability of all the agencies to work well together during a crisis."

The Maryland Standards and Specifications for Forest Harvest Operations, when adopted as part of the Code of Maryland Regulations (COMAR), will be a legal working document that will govern forest harvest operations in Maryland. It specifically outlines the technical requirements for sediment and erosion control for timber harvesting in the state. In addition, it provides one-stop forest harvest specific guidance for waterway, non-tidal wetland and Critical Areas permitting.

The Maryland Standards and Specifications for Forest Harvest Operations were developed by MDE's Water Management Administration and DNR's Forest Service over the last few years to update the Standard Erosion and Sediment Control Plan for Forest Harvest Operations and the Soil Erosion And Sediment Control Guidelines For Forest Harvest Operations in Maryland created more than 20 years ago. That standard plan and those guidelines have provided the basis for design and approval of sediment and erosion control plans for

many years and are currently the criteria used by the industry and regulators.

To promote better understanding of the Maryland Standards and Specifications for Forest Harvest Operations and gather feedback, copies of the draft document have been distributed to a wide range of stakeholders for informal review and comment. Those interested in reviewing and commenting on this document, may find it on the Internet at: <http://www.mde.state.md.us> and <http://www.dnr.state.md.us> in MicrosoftWord, WordPerfect, and Adobe PDF formats. Internet viewing of the document is encouraged, but those not having access can obtain a printed copy of the draft document via mail by calling (410) 631-3597, (410) 260-8505 or 1 (800) 633-6101 x3597.

Comments should be received no later than Oct. 31 and may be sent via e-mail to: [pstoner@mde.state.md.us](mailto:pstoner@mde.state.md.us), or via regular mail to: Maryland Department of Environment, Water Management Administration, See FOREST, Page 12

## Maryland's Department of the Environment

*Presents the ...*

### Low-Level Radioactive Waste (LLRW) Pollution Prevention Seminar

*Coordinated by the  
Waste Management Administration  
and  
Montgomery County's Department  
of Environmental Protection*

**Date:** October 31, 2000  
**Time:** 8:15 a.m.  
**Place:** Montgomery County Department of Environmental Protection  
12900 Middle Brooke Road  
Germantown, MD 20879  
**Cost:** FREE

The Maryland Department of the Environment (MDE) and Montgomery County Department of Environmental Protection (DEP) invite you to attend the Low-Level Radioactive Waste Pollution Prevention Seminar. This free seminar provides information to Maryland LLRW generators, biotechnology and other high technology enterprises.

This MDE and DEP joint seminar will also provide an opportunity for the business sector to learn about pollution prevention alternatives.

For further information, please contact:  
Emanuel Ofoche (410) 631-3345  
(toll free 1-800-633-6101 x3345)  
E-mail: [eofoche@mde.state.md.us](mailto:eofoche@mde.state.md.us)



# Enforcement & Compliance Notes

## Air & Radiation Management Administration

August 15 - September 15

### Mettiki Coal -Allegany County

On August 22, MDE issued a Corrective Order to Mettiki Coal for noncompliance with particulate emission standards. The violations were detected from the results of a recent stack test conducted on the company's coal dryer exhaust stack. The Corrective Order requires Mettiki to make necessary changes and improvements to its operations to achieve compliance. The violations are federally enforceable and have placed Mettiki on EPA's national High Priority Violator list. MDE will also be seeking a civil penalty for the violations.

**Status:** Mettiki has 10 days to appeal the Order. (Reference #00-06-01)

### Baughner Enterprises, Inc. - Carroll County

On August 29, MDE issued an administrative penalty in the amount of \$3,800 to Allen E. Baughner and Marjorie H. Baughner for violations of Maryland's air quality regulations. The Baughners own and operate an orchard/farm in Carroll County that has been the source of an air pollution complaint of smoke and nuisance from open burning operations. The violations cited in the penalty include failure to obtain a burning permit prior to initiating open burning, creating smoke and a nuisance from open burning, and burning prohibited materials which produce dense smoke.

**Status:** The Baughners have 30 days to pay or appeal the penalty. (Reference # ACP 00-05A)

### Neutron Products, Inc. - Montgomery County

On August 31, MDE filed a Motion for Permanent Injunction in Montgomery County Circuit Court to place the radioactive materials manufacturing license of Neutron Products, Inc. (NPI) in "Possession and Storage Only" status. If granted, this action will require NPI to cease certain activities. The only activity permitted would be the continued possession and storage of material presently on the site. Prohibited activities would include production/calibration/distribution of cobalt 60 sources, use or removal of any radioisotope currently located in the limited access area, transfer of radioactive sources to the irradiators, and otherwise receiving, using, transferring or acquiring radioactive material except as specifically approved by the Department.

**Status:** Case open. (Reference Number MD-31-025-01)

### Wallace Integrated Graphics - Montgomery County

On September 6, MDE issued an administrative penalty in the amount of \$29,500 to Wallace Integrated Graphics for violations of Maryland's air quality regulations. The company operates a printing facility that exceeded Volatile Organic Compound emissions limits. Pursuant to a previously issued Corrective Order, the company has achieved compliance by transferring operations that were causing the exceedances to another facility out of Maryland. The penalty is to resolve the past violations.

**Status:** The company has 30 days to pay or appeal the penalty. (Reference # ACP 00-02A)

### Fraleigh Contracting Corporation - Anne Arundel County

On September 7, MDE received a final penalty payment of \$5,000 for a total of \$10,000.00 from Fraleigh Contracting Corporation for violations of Maryland's asbestos regulations. The company was cited for demolition without notification and improper work practices.

**Status:** Case closed. (Reference # 97-376530 OC)

### ACEND, LLC - Violations in Baltimore County and Charles County

On September 11, MDE received a penalty payment of \$8,000.00 from ACEND, LLC, for violations of Maryland's asbestos regulations. The company was cited for not properly wetting asbestos for removal, leaving asbestos debris after removal, not using a negative pressure system during and having proper containment during asbestos removal, and not properly labeling and segregating asbestos waste from the normal waste during an asbestos project.

**Status:** Case closed. (Reference # 99-23)

### Dr. Charles Mawhinney, Jr. - Carroll County

On September 13, MDE issued a Corrective Order to Dr. Charles Mawhinney, Jr. for failure to provide notification of an asbestos project, failure to have a licensed contractor engaged in an asbestos project, and improper work practices. The Order requires Dr. Mawhinney to immediately cease all activity involving friable asbestos material and hire a licensed contractor to immediately remove the asbestos-containing debris from the property at 47 Westmoreland Street.

**Status:** Dr. Mawhinney Jr., has 10 days to appeal the Corrective Order.

(Reference #00-09-01)

## Waste Management Administration

August 15 - September 15

### Lead Program Enforcement

A total of \$82,380 in penalties was assessed for lead violations in Baltimore City and Wicomico County. \$80,000 in penalties was assessed against two properties for risk reduction violations and \$2,380 for failure to register involving one property.

1 lead violation for Baltimore City for \$40,000

1 lead violation for Wicomico County for \$40,000

1 failure to register in Baltimore City for \$2,380

### The Towne Stripper—Baltimore

On September 5, MDE issued a Notice of Violation and a Civil Penalty for \$5,000 to the Towne Stripper of Baltimore, Md.

They failed to make a hazardous waste determination on furniture stripping waste and employees had placed six plastic trash bags containing liquid methylene chloride and furniture stripping residue in a metal solid waste dumpster.

**Status:** Case Pending (Reference #NOV-00-013)

### United Petroleum Oil Company -Laurel

On August 25, MDE issued a Complaint, Order and Civil Penalty against United Petroleum Oil Company of Laurel, Md. for \$5,000. The enforcement action was taken when an investigation on March 28, 2000 found that personnel of United Petroleum discharged approximately 54 gallons of heating oil onto a parking lot. It was determined that the spill occurred on March 20, 2000 and not only wasn't reported within two hours it was not contained or controlled.

**Status:** Case Pending (Reference #COV-2000-040)

## Water Management Administration

August 10, 2000 - September 15, 2000

**George Shingleton, Washington County** - On August 18, MDE filed a civil Complaint for Temporary Restraining Order, Preliminary and Permanent Injunctive Relief and Civil Penalties in the Circuit Court for Washington County requiring defendant George Shingleton to cease and desist the use of a failed sewerage system located 542 Pangborn Boulevard, Hagerstown, Md. The sewerage system consisted of a leaking cesspool that was

unlawfully discharging untreated sanitary wastewater to waters of the state.

**Status:** The Defendant has ceased use of the cesspool and connected the house to the Hagerstown sanitary sewer system. The penalty is still pending. (Reference #Civil Action No. 21-C-00-9688-IJ).

### Raintree Corporation, Cecil County

- On August 9, MDE issued an administrative Complaint, Order and Penalty against Raintree Corporation and its officers Robert D. Powell and Catherine A. Powell and Warren P. Cooke for alleged violations of sediment and water pollution control laws that occurred at the Raintree Airpark construction site located in Elkton, Md. The Complaint alleges that Raintree Corporation and its contractor Cooke Systems, engaged in construction activity at the site without obtaining proper approvals and permits resulting in sediment being discharged into Plum Creek. MDE is seeking administrative penalties of \$130,000 against Raintree Corporation and its officers and \$60,000 against Warren P. Cooke.

**Status:** The defendants have appealed this action. Case pending. (Reference #AO-01-0042).

### Mayor and City Council of Cumberland, Allegany County

- On August 11, MDE filed a civil Complaint for Injunctive Relief and Civil Penalty in the Circuit Court for Allegany County requiring Cumberland to comply with its NPDES permit and Maryland law to address discharges of sewage from the City of Cumberland's combined sewer system into the Potomac River. MDE seeks injunctive relief requiring Cumberland to develop and implement a long term compliance plan to prevent future unauthorized combined sewer overflow discharges to the Potomac River and to cease violations of its NPDES permit. This action also seeks civil penalties of up to \$10,000 per day for each water pollution violation.

**Status:** Case Pending. (Reference #01-C-00-018343).

### Mayor and City Council of Frostburg, Allegany County

- On August 11, MDE filed a civil Complaint for Injunctive Relief and Civil Penalty in the Circuit Court for Allegany County requiring Frostburg to comply with its NPDES permit and Maryland law to address discharges of sewage from Frostburg's combined sewer system into the Potomac River. MDE seeks injunctive relief requiring Frostburg to develop and implement a long term compliance plan to prevent future unauthorized combined sewer overflow (CSO) dis-

**See NOTES, Page 11**

# Comment sought on proposed 2001 permit turnaround times

By Andrew Gosden

The Maryland Department of the Environment (MDE) is committed to providing quality service to the regulated community to more effectively achieve Maryland's public health and environmental protection goals while fostering economic development. MDE has implemented a number of regulatory reforms and permit streamlining activities such as: standardizing and reducing permit turnaround times, implementing and expanding 'One-Stop' services in the Environmental Permits Service Center, providing compliance assistance to Maryland's small business community, standardizing and reducing the number of Departmental forms, developing new general permits, posting the *Business Guide to Environmental Permits and Approvals* on the Internet, and posting permit application forms and instructions on the Internet. The department is continually seeking opportunities to implement additional innovative permit streamlining and regulatory reform initiatives.

The department is also committed to an open dialogue with all Maryland citizens, local governments, and the business and environmental communities to develop effective solutions to Maryland's environmental and business challenges. MDE believes that partnerships must be built and all parties must work cooperatively to protect the environment, foster sustainable economic growth, and improve the quality of life for all Marylanders.

As part of the department's efforts to improve the services provided to permit-

ting customers, in December 1996, MDE established and published standard permit review times for all MDE permits, licenses and certifications. Every year MDE revisits the permit turnaround standards in consultation with businesses and other interested parties. The expected review times are published annually in compliance §1-607 of the Environment Article. As part of this iterative process, public comment is being solicited again this year and the standards may again be revised for Calendar Year 2001.

The accompanying table illustrates MDE's success at meeting its standard permit application review times from Janu-

time due to unusual circumstances.

Additionally, it is interesting to note that many of the department's permits are issued in 30 days or less. In 1999, MDE issued more than 75 percent of its permits in 30 days or less.

MDE is committed to providing superior customer assistance to our permitting customers and offers the following five types of assistance to applicants for every type of permit, license, and certification:

- 1) Pre-application meetings with prospective applicants to address technical issues;
- 2) Written receipts documenting application submission;

Permit Application Turnaround Times, January 1 to December 31, 1999			
MDE Administration	# of permits issued	Permit issued within standard	Percentage
Air & Radiation Mgt.	3,946	3,573	91%
Waste Mgt.	7,308	7,182	98%
Water Mgt.	9,346	8,715	93%
Department total =	20,600	19,470	94%

ary 1 to December 31, 1999. In most permitting programs, each application has unique characteristics that influence its processing time. For each program, the standard represents the time in which 90 percent of applications can be processed. MDE exceeded this goal, issuing 95 percent of its permits within the applicable standard times. Many applications will require less time; a few will require more

- 3) Information on application status;
- 4) Written lists of common application questions and mistakes; and
- 5) Written lists of information and materials required with applications.

MDE also publishes and distributes a *Business Guide to Environmental Permits and Approvals* (known as the Permit Guide). The Permit Guide provides detailed information about each of MDE's permits, such as the purpose of the permit, permit requirements, the permit application process, the standard turnaround time, the term of certification, the permit fee, and the department contact for further information and assistance if needed. The Permit Guide is also available on MDE's website at: [www.mde.state.md.us](http://www.mde.state.md.us)

In addition, MDE has developed general permits to enable businesses to acquire environmentally sound permits more quickly. General permits streamline the environmental permitting process by eliminating the need for individual permits that require more lengthy review procedures. General permits are developed, with input from interested stakeholders, for types of businesses whose activities pose a relatively low level of risk to the environment, whose activities are similar across the group and produce similar types of pollutant discharges. General permits provide a way for MDE to deliver superior customer service to businesses while ensuring that the environment and public health of Maryland are fully protected.

Once a general permit is issued, eligible facilities obtain coverage under the permit usually in less than 30 days. Currently, MDE

has 16 general permits and will continue to evaluate additional opportunities to streamline in this area.

As mentioned earlier, MDE's standard permit application turnaround times are updated annually in consultation with businesses, environmental advocates and many other interested stakeholders. Following on Page 7 are the proposed Calendar Year 2001 (CY 2001) standard permit application turnaround times.

MDE has added two new permit types to the list in 2001. There is now a general permit for natural wood waste recycling, which has a turnaround time of 30 days. The radiological health program tracks amendments and terminations for radioactive materials licenses with a turnaround time of 45 days.

Additionally, MDE is implementing an EPA-approved plan that will result in issuance of water discharge permits grouped by geographical areas (watersheds). A permit with less than half of the effective period remaining when its watershed is being permitted may be processed early for re-issuance with all of the permits in the watershed. Other permits may be allowed to expire and then be administratively extended (for no more than 2.5 years) to get on cycle with the other permits in the watershed group. For these permits, the standard times listed in the attached table do not apply unless environmental concerns or business operating plans require re-issuance of the permit in advance of the watershed permit schedule.

The permit turnaround time standards refer to the time between MDE's receipt of a complete permit application and MDE's issuance or denial of the permit, excluding delays caused by factors beyond MDE's control. Many applications are incomplete when they first arrive at MDE. The Environmental Permits Service Center or the appropriate MDE permit writer can provide tips on how to ensure that an application is complete when submitted.

Unfortunately, there are factors beyond MDE's control that can delay the processing of permit applications. Examples include delays in receiving information needed from the applicant and delays in obtaining necessary approvals from local or federal government agencies. MDE's permitting personnel can provide advice about avoiding such delays.

**Through October 31, 2000** interested parties are invited to comment in writing or in person on this proposal. Anyone with comments about these standard turnaround times is invited to call Andrew Gosden in MDE's Environmental Permits Service Center at (410) 631-3772.

After responding to stakeholder input, MDE will publish the final CY 2001 permit turnaround times in the December edition of the *MDE Environment* and a December issue of the Maryland Register.

## Website offers news and eco-Q&A

(NAPSI)-Lifestyle features, news, reference resources, e-commerce and the opportunity to get live answers to environmental questions are all available on a single Web site.

The Web site's mission is to become a "one-stop resource" for all things environmental.

The site-called Verde.com has seven lifestyle channels: News & Issues, Home & Garden, Work & Money, Travel & Outdoors, Healthy Living, Wonder-which covers science and nature-and Balance-which covers society and spirituality.

Each channel offers a mix of environmental news and feature stories. Each story identifies actions visitors can take in response to specific issues as well as links to local events, online petitions, polls, quizzes and discussion boards.

There is also a section called the AnswerDesk. There, visitors can get live answers to their questions and advice from leading experts on a wide range of environmental issues by using the streaming video available at this section

of the site.

To learn more, visit the Web site at [www.Verde.com](http://www.Verde.com).

## LIST

Continued from Page 2

organization's information in the updated version of *Environment Maryland!* The first and easiest way is to visit the website at: <http://student.ccbc.cc.md.us/envproj/> to complete an online update form. If you do not have access to the Internet, please contact Allison Anderson at (410) 719-6551 or via email at [aanderson@ccbc.cc.md.us](mailto:aanderson@ccbc.cc.md.us). You will then be sent a survey form to complete and return.

But hurry! All the updated information to be included in the database should be submitted as soon as possible.

*Environment Maryland!* is a joint venture between The Environment Project at the Community College of Baltimore County, the Maryland Department of the Environment and the Maryland State Department of Education.

# MDE posts its proposed 2001 standard permit application turnaround times

## Air and Radiation Management Administration

General Permit to Construct--30 days  
 Air Quality Permit to Construct  
   --w/o expanded public review --3 months  
   --w/expanded public review but limited public interest--6 months  
   --w/expanded public review and extensive public interest--11 months  
 New Source Review Approval--10 months  
 Prevention of Significant [air quality] Deterioration--14 months  
 Air Quality State Permit to Operate--3 months  
 Part 70 (Title V) Permit to Operate  
   --36 months for new permits  
   --18 months for renewals and modifications  
 Asbestos Contractor License 60 days  
 Asbestos Training Provider Approval--3 months  
 Incinerator Operator Certification--30 days  
 Incinerator Training Course Approval--60 days  
 Fleet Inspection Station License--30 days  
 Certified Emissions Repair Facility Certification--30 days  
 Master Certified Emissions Technician Certificate--30 days  
 Radiation Machine Facility Registration  
   --90 days for dental/veterinary machines  
   --6 months for all other machines  
 Certification of Machines Emitting Radiation--6 months  
 Radioactive Materials License  
   --7 months  
   --45 days for amendments and terminations  
 Private Inspector License For Inspecting X-Ray Machines--60 days  
 Reciprocal Recognition of Out-of-State Radioactive Material Licenses--21 days

## Waste Management Administration

State Refuse Disposal Permit  
   --7 months for transfer stations  
   --9 months for processing facilities  
   --9 months for processing facilities & transfer stations  
   --12 months for incinerators  
   --12 months for land-clearing debris landfills  
   --24 months for industrial landfills  
   --36 months for rubble landfills  
   --36 months for municipal landfills  
 Groundwater Discharge Permit for Rubble Landfill--6 months  
 Sewage Sludge Utilization Permit  
   --45 days - research  
   --4 months - transportation\*  
   --5 months - landfill disposal  
   --6 months - distribution  
   --10 months - land application  
   --23 months - permanent facility  
   --23 months - incineration  
   --24 months - innovation  
 Natural Wood Waste Recycling Facility Permit--9 months  
 Natural Wood Waste Recycling Facility General Permit--30 days  
 Scrap Tire Hauler--60 days  
 Scrap Tire Collection Facilities (General and Secondary)--60 days  
 Scrap Tire Solid Waste Acceptance Facility--7 months  
 Scrap Tire TDF/Substitute Fuel Facility--7 months  
 Scrap Tire Primary Collection Facility--9 months  
 Scrap Tire Recyclers--9 months  
 Oil Operations Permit--90 days  
 Oil Operations Permit for Oil-Contaminated Soils--90 days  
 Oil Transfer License--30 days  
 General Permits for Oil Control Program Wastewater Discharge Permit--20 days  
 Surface Water Discharge Permit for Oil Terminals--150 days\*  
 Ground Water Discharge Permit for Oil Terminals--150 days\*  
 Underground Storage Tank (UST) Technician and Remover Certification  
   --20 days

Controlled Hazardous Substances Facility Permit--26 months  
 Hazardous Waste; EPA Identification Number--30 days  
 Controlled Hazardous Substances Hauler, Vehicle and Driver Certification  
   --30 days  
 Special Medical Waste (SMW) Hauler and Vehicle Certification--30 days  
 Lead Paint Accreditations--30 days  
 Lead Paint Training Course Approvals--60 days  
 Lead Paint Instructor Approvals--30 days  
 Voluntary Cleanup Program  
   --60 days to determine if application is accepted  
   --120 days to review action plan\*

## Water Management Administration

General Permit Registration for Industrial Wastewater Discharge  
   --150 days for concentrated animal feeding operations  
   --60 days for all other general permits  
 Individual Permit for Wastewater Discharges  
   --9 months for new minor facilities  
   --12 months for new major facilities  
   --14 months for renewal minor facilities  
   --16 months for renewal major facilities  
 Toxic Materials Permit--45 days  
 Water and Sewerage Construction Permit--3 months  
 Water Appropriation and Use Permit  
   --60 days for under 10,000 gallons per day  
   --12 months for over 10,000 gallons per day  
 Coal Mining Permit--12 months  
 Surface Coal Mining Blaster Certification--immediately on passing exam  
 Coal Mining Operator License--30 days  
 Non-Coal Mining Permit--7 months  
 Non-Coal Mining License--30 days  
 Oil and Gas Exploration and Production--5 months  
 Well Construction Permit--30 days  
 Drinking Water Sampler Certification--immediately on passing exam  
 Nontidal Wetlands (Nontidal Wetlands and Waterways Permits)  
   --3 months for minor projects  
   --6 months for major projects  
 Tidal Wetland Licenses and Permits  
   --30 days for minor projects  
   --6 months for major projects  
 Erosion/Sediment Control and Stormwater Management Plan Approvals  
   --6 months  
 Erosion and Sediment Control - Responsible Personnel Certification--2 weeks  
 Erosion and Sediment Control - Responsible Personnel Training Program  
   Approval--4 weeks  
 General Permit for Construction Activity--2 days  
 Municipal Separate Storm Sewer Permit--12 months  
 Dam Safety Permit--6 months  
 Environmental Sanitarian License  
   --45 days for new licenses  
   --30 days for renewals  
 Waterworks and Waste Systems Operator Certification  
   --45 days for new certificates  
   --30 days for renewals  
 Well Driller License  
   --6 months for new licenses  
   --30 days for renewals

\*MDE is correcting the permit turnaround time for Sewage Sludge from three months to four months; this turnaround time was changed in error in the table published last year. MDE is also restating the permit turnaround time in days instead of months for the following permit types, the voluntary cleanup program - action plan review and the water discharge permits (surface and ground) for oil terminals. These times have not changed.

**Voter Registration Cutoff is Oct. 13**--The last day to register to vote is Friday, Oct. 13! If you are not registered to vote, please contact the State Board of Elections at 800-222-VOTE or visit the State Board of Elections' website at <http://www.elections.state.md.us> to obtain a voter registration application.

# For the Record

*The following is a list by county of applications received by MDE and other permitting activity between August 16 and Sept. 15, 2000. For more information on these permits, contact MDE's Environmental Permit Service Center at (410) 631-3772.*

## Allegany

COBRA MINING, INC. - Barton, MD (SM-84-184) Modification to coal mine permit

MEMORIAL HOSPITAL - 600 Memorial Avenue, Cumberland, MD 21502. (2001-01-00025) Air quality part 70 operating permit

QUARRY RIDGE ASPHALT - 1530 Shades Lane, Cumberland, MD 21502. (2001-OPT-9483) Oil operations permit for above ground storage tank and transportation

SACRED HEART HOSPITAL - 900 Seton Drive, Cumberland, MD 21502. (2001-01-0026) Air quality part 70 operating permit

UNITED ENERGY COAL, INC. - Frostburg, MD (SM-84-247) Modification to coal mine permit

## Anne Arundel

ANNE ARUNDEL COUNTY ROADS - CENTRAL SERVICES GARAGE - 300 West Central Avenue, Davidsonville, MD 21035. (01DP3366) Surface industrial discharge permit with groundwater option

CHANEY ENTERPRISES - BESTGATE PLANT - 2015 Industrial Drive, Annapolis, MD 21401. (2001-OPT-5428) Oil operations permit for above ground storage tank and transportation

CHANEY ENTERPRISES LTD - 3284 Patuxent River Road, Davidsonville, MD 21035. (2001-OPT-4028) Oil operations permit for above ground storage tank and transportation

E. STEWART MITCHELL, INC. - Baltimore, MD (86-SP-0231) Renewal for surface mining located Route 424 and Route 3

ELITE AUTO BODY - 738 Route 3 North, Unit B, Gambrills, MD 21054. (TR 6109) An air permit to construct for one paint spraybooth

FORMICA CORPORATION - 8305 Telegraph Road, Odenton, MD 21113. (TR 6116) An air permit to construct for one polyester continuous sheet mixing line

FORMICA CORPORATION - 8305 Telegraph Road, Odenton, MD 21113. (TR 6118) An air permit to construct for modification of polyester shaped goods plant

JOHN W. RITTER TRUCKING, INC. - 8271 Brock Bridge Road, Laurel, MD 20701. (01DP3368) Surface industrial discharge permit

LENDERKING METAL PRODUCTS - 8370 Jumpers Hole Road, Millersville, MD 21108. (TR 6114) An air permit to construct for one 1000 gallon above ground storage tank

MARYLAND MANOR ESTATES JOINT VEN-

TURE - 4913 Hampden Lane, Bethesda, MD 20814. (00-1152) Sewerage permit to upgrade the Maryland Manor Wastewater Treatment Plant in the vicinity of Sands Road and Flanders Lane

SIGN EFFECTS, INC. - 135 Roesler Road, Glen Burnie, MD 21060. (TR 6108) An air permit to construct for one paint spraybooth

TECHNICAL FINISHERS, LLC - 180 Penrod Court, Suite G, Glen Burnie, MD 21061. (TR 6128) An air permit to construct for supersedes permit #02-6-0943 N issued 8/4/00

TOYOTA MOTOR SALES - 6710 Baymeadow Drive, Glen Burnie, MD 21060. (TR 6130) An air permit to construct for one generator set

## Baltimore City

CHEVRON PRODUCTS COMPANY - 1955 Chesapeake Avenue, Baltimore, MD 21226. (01DP0043) Surface industrial discharge permit

CONDEA VISTA COMPANY - 3441 Fairfield Road, Baltimore, MD 21226. (TR 6132) An air permit to construct for supersedes permit #24-7-1394M issued 9/29/99

CSX TRANSPORTATION, INC. - RIVERSIDE YARD - 1600 Ludlow Street, Baltimore, MD 21230. (01DP0307) Surface industrial discharge permit

ENVIRO INDUSTRIES, LLC - 6501 Erdman Avenue, Baltimore, MD 21205. (TR 6102) An air permit to construct for one paint spraybooth

JOHNS HOPKINS HOSPITAL - 702 Wolfe Street, North, Baltimore, MD 21205. (2001-OPT-3303) Oil operations permit for above ground storage tank and transportation

LENMAR, INC. - 4701 O'Donnell Street, Baltimore, MD 21224. (TR 6129) An air permit to construct for supersedes permit #24-7-1673N Issued 9/29/99

NEXT LINK - 300 West Lexington Street, Baltimore, MD 21201. (TR 6113) An air permit to construct for one generator

PEMCO CORPORATION - 4401 Eastern Avenue, Building 55, Baltimore, MD 21224. (TR 6124) An air permit to construct for one baghouse

THE ST. PAUL FIRE & MARINE INSURANCE COMPANY - 5801 Smith Avenue, Baltimore, MD 21209. (01DP2106) Surface industrial discharge permit

TURNBULL ENTERPRISES, INC. - 3104 Viona Avenue, Baltimore, MD 21230. (TR 6117) An air permit to construct for two adhesive spraybooths

## Baltimore County

ATLANTIC PHARMACEUTICAL SERVICES - 11200 Gundry Lane, Owings Mills, MD 21117. (TR 6122) An air permit to construct for modification to spray dryer system

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Avenue, Towson, MD 21204. (00-1148) Sewerage permit to construct the Honeygo Run interceptor along Joppa Road and Snyder Lane

P.S. GRAPHICS, INC. - 21 Fontana Lane, Suite

101-102, Baltimore, MD 21237. (TR 6134) An air permit to construct for one printing press

POTTS AND CALLAHAN, INC. - Baltimore, MD (77-SP-00078-D) Modification for surface mining located Route 40

RITTENHOUSE FUEL CO. - 1759 East Joppa Road, Baynesville, MD 21234. (2001-OPT-4400) Oil operations permit for above ground storage tank and transportation

US FILTER RECOVERY SERVICES (BETHLEHEM'S PROPERTY) - Penwood Road Extended, Baltimore, MD 21219. (2001-OPT-9445) Oil operations permit for above ground storage tank and transportation

## Calvert

CALVERT COUNTY INDUSTRIAL PARK - 300 Skipjack Road, Barstow, MD 20678. (01DP3173) Groundwater municipal discharge permit

## Caroline

MIKE DAVIDSON SAND & GRAVEL, LLC - Centerville, MD (85-SP-0213-2) Renewal for surface mining located Route 287

TOWN OF GREENSBORO - P. O. Box 340, Greensboro, MD 21639. (00-1144) Water permit to construct water storage facility and lay water mains along MD Route 313 and MD Route 314

## Carroll

NORTHERN LANDFILL - 1400 Baltimore Boulevard, Keymar, MD 21157. (TR 6133) An air permit to construct for three temporary flares

TOWN OF HAMPSTEAD - 1034 South Carroll Street, Hampstead, MD 21074. (00-1146) Water permit to construct an elevated water storage tank at the north end of North Carroll Plaza

TOWN OF HAMPSTEAD - 1034 South Carroll Street, Hampstead, MD 21074. (00-1149) Water permit to construct aeration facilities for Well No. 19 at the North Carroll Farms - Section C, Lot D

## Cecil

CECIL PROVISION COMPANY - 792 West Pulaski Highway, Elkton, MD 21921. (01DP0283) Groundwater industrial discharge permit

D.M. STOLTZFUS & SON, INC. - Talmage, PA (77-SP-0065-B) Renewal for surface mining located MD Route 277 and MD Route 316

GALVINELL MEAT COMPANY, INC. - 461 Ragan Road, Conowingo, MD 21918. (01DP0310) Groundwater industrial discharge permit

PERRYVILLE WWTP - 72 Firestone Road, Perryville, MD 21903. Sewerage sludge treatment permit

W.L. GORE & ASSOCIATES, INC. - 100 Airport Road, Elkton, MD 21921. (TR 6103) An air permit to construct for one PTFE process line

W.L. GORE & ASSOCIATES, INC. - 501 Vieve's Way, Elk Mills I, Elkton, MD 21921. (TR

6112) An air permit to construct for one 6000 gallon aboveground storage tank

W.L. GORE & ASSOCIATES, INC. - 501 Vieve's Way, Elkton, MD 21921. (TR 6111) An air permit to construct for modification to two coating lines

## Charles

MELVIN & DOROTHY DAVIS, CH-131 - 5190 Port Tobacco Road, Nanjemoy, MD 20662. Sewerage sludge application on agricultural land

PEPCO - MORGANTOWN - 12620 Crain Highway, Newburg, MD 20664. (2001-OPT-3135) Oil operations permit for above ground storage tank and transportation

## Dorchester

AIRPAX CORPORATION - EPP - 4 Washington Street, Cambridge, MD 21613. (TR 6123) An air permit to construct for one vapor degreaser

MARY LOUISE BAKER TRUST, DR-61 - 4331 New Bridge Road, Vienna, MD 21869. Sewerage sludge application on agricultural land

RUSSELL S. BAKER, JR. PROPERTY, DR-62 - Ravens Wood & New Bridge Roads, Vienna, MD 21869. Sewerage sludge application on agricultural land

## Frederick

CLUSTERED SPIRES GOLF COURSE - 8415 Gas House Pike, Frederick, MD 21701. (01DP2833) Groundwater municipal discharge permit

EASTALCO ALUMINUM COMPANY - 5601 Manor Woods Road, Frederick, MD 21703. (TR 6105) An air permit to construct for one dust collector

FOX HAVEN FARMHOUSE - 4950 Corun Road, Jeffersonton, MD 21755. (01DP3367) Groundwater municipal discharge permit

SCHOONOVER RESIDENCE - 8211 Baltimore National Pike, Middletown, MD 21769. (01DP3365) Groundwater municipal discharge permit

## Garrett

D & B MINE MATERIAL - 1848 Squire Fike Road, Friendsville, MD 21531. (TR 6121) An air permit to construct for one single chamber incinerator for waste wood

TRI-STAR SOIL, INC. T/A SUPERIOR SAND - Bruceton Mills, WV (77-SP-0086) Renewal for surface mining located White Rock Road

## Harford

CHURCHVILLE AUTO BODY - 3045 Churchville Road, Churchville, MD 21028. (TR 6131) An air permit to construct for one paint spraybooth

CONSTAR INTERNATIONAL, INC. - 350 Old Bay Lane, Havre De Grace, MD 21078. (01DP2259)

# For the Record

## Surface industrial discharge permit

EAST COAST AUTO BODY - 3360 Level Road, Churchville, MD 21028. (TR 6104) An air permit to construct for one paint spraybooth

## Howard

DEEP RUN WWTP - 5950 Church Avenue, Elkridge, MD 21227. (01DP1589) Surface municipal discharge permit

NIRO, INC. - 9165 Rumsey Road, Columbia, MD 21045. (TR 6115) An air permit to construct for one closed cycle utility spray dryer

## Kent

GALENA WWTP - 13200 Block Augustine Herman Highway, Galena, MD 21635. (01DP0528) Surface municipal discharge permit

## Montgomery

MONTGOMERY GENERAL HOSPITAL - 18101 Prince Phillip Drive, Olney, MD 20832. (2001-15-00399) Air quality part 70 operating permit

PEPCO - DICKERSON GENERATING STATION - 21200 Martinsburg Road, Dickerson, MD 20842. (2001-OPT-3134) Oil operations permit for above ground storage tank and transportation

## Prince George's

BARDON, INC. - Greenbelt, MD (95-SP-0483) Renewal for surface mining located Aquasco Road

BRANDYWINE/CROSS TRAILS RUBBLE LANDFILL - 11151 Cross Road Trail, Cheltenham, MD 20613. (2000-DP-2052) Solid waste groundwater discharge permit for rubble landfill

FEDERAL REALTY INVESTMENT TRUST, 1626 East Jefferson Street, Rockville, MD 20852. Voluntary Cleanup Program application for the Laurel Shopping Center property located at 356 Domer Avenue (at Route 1 South), Laurel, MD 20707

PEPCO - 25100 Chalk Point Road, Aquasco, MD 20608. (2001-OPT-3136) Oil operations permit for above ground storage tank and transportation

RICK JONES PIANOS, INC. - 5209 Holland Drive, Beltsville, MD 20705. (TR 6110) An air permit to construct for one paint spraybooth

RITCHIE LAND RECLAMATION RUBBLEFILL - 2001 Ritchie Marlboro Road, Upper Marlboro, MD 20772. (2000-DP-2297) Solid waste groundwater discharge permit for rubble landfill

## Queen Anne's

KENT NARROWS/STEVENSVILLE/GRASONVILLE WWTP - 310 Bateau Drive, Stevensville, MD 21666. Sewage sludge distribution permit

SUDLERSVILLE FROZEN MEAT LOCKER - East Main & Church Streets, Route 300, Sudlersville, MD 21668. (01DP0314)

## Surface industrial discharge permit

## Somerset

EASTERN SHORE FOREST PRODUCTS - 9260 Old Princess Ann Road, Westover, MD 21871. (TR 6135) an air permit to construct for one rotary dryer

## St. Mary's

J & W CONSTRUCTION - Leonardtown, MD. (80-SP-0220) Renewal for surface mining located Route 5 to Route 245

## Talbot

HOG NECK GOLF COURSE - 10029 Ocean Gateway, Easton, MD 21601. (01DP2713) Groundwater municipal discharge permit

T.B. PASSYN - Easton, MD. (01-SP-0574) Permit for surface mining located on Route 50

## Washington

CENTRAL PRECISION, INC. - 20823 Sanmar Road, Boonsboro, MD 21713. (TR 6106) An air permit to construct for one powder coating spraybooth

H.B. MELLOTT ESTATE, INC.- BEAVER CREEK QUARRY - 10101 Mapleville Road, Hagerstown, MD 21740. (2001-OPT-4188) Oil operations permit for above ground storage tank and transportation

WASHINGTON COUNTY HOSPITAL - 251 East Antietam Street, Hagerstown, MD 21740. (2001-21-00122) Air quality part 70 operating permit

## Wicomico

TAYLOR OIL COMPANY, INC.- 3840 Texas Road, Bivalve, MD 21814. (2001-OPT-4502) Oil operations permit for above ground storage tank and transportation

TOWN OF PITTSVILLE - P. O. Drawer A, Pittsville, MD 21850. (00-1145) Water permit to upgrade the Pittsville Water Treatment Plant at 7505 Gumboro Road

WICOMICO COUNTY LANDFILL - 6948 Brick Kiln Road, Salisbury, MD 21801. Sewage sludge disposal permit at landfill

## Worcester

RIDDLE FARM WWTP - Grays Corner Road at Winchester Lane, Route 50, Berlin, MD 21811. (01DP2710) Groundwater municipal discharge permit

## Issuances

## Allegany

FOX OIL & GAS, INC. - Washington, PA. (94-SP-0132) Renewal for an oil and gas permit located

## on Maryland Route 47

UNITED ENERGY COAL, INC. - GOODWIN FARMS - One Mile Southwest of Lonaconing, Seldom Seen Road, Lonaconing, MD 21539. (00CM2840) General permit registration for discharge from surface coal mine

UPPER POTOMAC RIVER COMMISSION - 528 Maryland Avenue, Westernport, MD 21562. (00-25-1079) Sewerage permit to construct septage receiving facilities and wastewater disinfection facilities for municipal system improvement of preliminary treatment at the Upper Potomac River Commission Wastewater Treatment Plant

## Anne Arundel

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-12-1017) Water permit to lay water mains along MD Route 2 between Mitchell's Chance Road, Mayo Road and Southdown Road

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-12-1019) Sewerage permit to construct gravity sewers and a force main along MD Route 2 between Mitchell's Chance Road, Mayo Road and Southdown Road

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-22-1041) Sewerage permit to construct a force main along N. Carolina Avenue, and Loch Haven Road

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-22-1100) Sewerage permit to construct a relief force main along Wesbury Road and Tarpon Road intersecting with Riva Road

BETTY BRITE CLEANERS - 157-1 Ritchie Highway, Severna Park, MD 21146. (02-6-0945 N) Air general permit to construct for one dry cleaning machine

CHANEY ENTERPRISES LIMITED PARTNERSHIP - Waldorf, MD (77-SP-0026-H) Modification and renewal for a surface mine permit located Patuxent River Road

CHILI'S TOO - 7000 Arundel Mills Circle, Hanover, MD 21076. (02-8-0178 N) Air general permit to construct for one charbroiler

ELITE AUTO BODY - 738 Route 3 North, Unit B, Gambrills, MD 21054. (02-6-0944 N) Air permit to construct for one paint spraybooth

HARWOOD LANDFILL, INC. - Harwood, MD (88-SP-0288-2) Departmental Modification for a surface mine permit located on Polling House Road

HARWOOD LANDFILL, INC. - Harwood, MD (89-SP-0328-1) Departmental Modification for a surface mine permit located on Sands Road

HARWOOD LANDFILL, INC. - Harwood, MD (97-SP-0517-1) Departmental Modification for a surface mine permit located on Russell Powell Road

NORTHROP GRUMMAN ESSS-BWI SITE - 7323 Aviation Boulevard, Linthicum, MD 21090. (02-6-0816 M) Air permit to construct for modification to primer application process

RELIABLE CONTRACTING CO., INC. - 1 Church View Road, Millersville, MD 21108. (99DP1586) Groundwater industrial discharge permit

SMURFIT-STONE CONTAINER CORPORA-

TION - 725 Pittman Road, Baltimore, MD 21226. (02-5-0410 M) Air permit to construct for modification to add #2 oil as backup to boiler

TECHNICAL FINISHERS, L.L.C. - 180 Penrod Court, Suite G, Glen Burnie, MD 21061. (02-6-0943 N) Air permit to construct for one spraybooth

## Baltimore City

AUTOMATIC ROLLS - 7111 Commercial Avenue, Baltimore, MD 21237. (24-510-01400) Air quality part 70 operating permit

BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS - 200 N. Holliday Street, Baltimore, MD 21202. (00-25-1134) Sewerage permit to construct grit removal facilities at the Back River Wastewater Treatment Plant

BALTIMORE QUALITY ASSURANCE - 4200 Boston Street, Baltimore, MD 21224. (97SW1031) General permit registration for stormwater associated with industrial activity

CENTRAL OIL ASPHALT CORP. - 3450 Asiatic Avenue, Baltimore, MD 21226. (2001-OPT-4023) Oil operations permit for above ground storage tank and transportation

GENERAL MOTORS BALTIMORE ASSEMBLY - 2122 Broening Highway, Baltimore, MD 21224. (24-9-0773 M) Air permit to construct for modification to gasoline loading operation

JHU ACADEMIC RESEARCH CENTER - 9601 Medical Center Drive, Rockville, MD 20850. (15-5-1228 N) Air general permit to construct for one boiler < 10 MMBTU

JOHN D. LUCAS PRINTING COMPANY - 1820 Portal Street, Baltimore, MD 21224. (24-6-1230 N) Air permit to construct for one heatset printing press and dryers

LUCAS-INSERTO PHARM. PRINTING CO. - 1831 Portal Street, Unit D, Baltimore, MD 21224. (24-6-1732 N) Air permit to construct for one 4-C non heat set web printing press

MARYLAND DEPARTMENT OF GENERAL SERVICES - 300 West Preston Street, Baltimore, MD 21201. (24-9-0902N through -0904N) Air permit to construct for three electric generators

MSA HAMBURG ST. GENERATOR PLANT - Hamburg & South Eutaw Street, Baltimore, MD 21230. (24-9-0900 & 9-0901 N) Air permit to construct for two emergency generators

PEMCO CORPORATION - 5601 Eastern Avenue, Baltimore, MD 21224. (24-6-1735 N) Air permit to construct for one ball/pebble mill and associated equipment

SHERWIN WILLIAMS COMPANY, THE - 2325 Hollins Ferry Road, Baltimore, MD 21230. (24-7-1067 M) Air permit to construct for modification to paint filling line

TOSCO TERMINAL COMPANY - BALTIMORE TERMINAL - 2155 Northbridge Avenue, Baltimore, MD 21226. (24-510-00703) Air quality part 70 operating permit

UNILEVER HOME & PERSONAL CARE - USA - 5300 Holabird Avenue, Baltimore, MD 21224. (24-6-1740 N) Air permit to construct for storage tanks, batch mixing, continuous mixing

UNITED STATES GYPSUM COMPANY - 5500 Quarantine Road, Baltimore, MD 21226. (26-6-2600

# For the Record

N) Air permit to construct for one Alpha-Hydrocal system

UNITED STATES GYPSUM COMPANY - 5500 Quarantine Road, Baltimore, MD 21226. (24-6-2598 N) Air permit to construct for one Raymond Mill

## Baltimore County

DAP PRODUCTS INCORPORATED - 4630 North Point Boulevard, Baltimore, MD 21219. (03-6-2602 N) Air permit to construct for one 440 gallon mixer # 1

DAP PRODUCTS INCORPORATED - 4630 North Point Boulevard, Baltimore, MD 21219. (03-6-2601 N) Air permit to construct for one 440 gallon mixer #16

DAP PRODUCTS INCORPORATED - 4630 North Point Boulevard, Baltimore, MD 21219. (03-6-2600 N) Air permit to construct for one 550 gallon mixer #7

MILLENNIUM INORGANIC CHEMICALS, INC. - 3901 Fort Armistead Road, Baltimore, MD 21226. (00-22:23:25-1114) Sewerage permit to construct a wastewater collection system and a wastewater treatment plant at the Millennium Inorganic Chemical Inc. at Hawkins Point, Fort Smallwood Road

SWEETHEART HOLDING, INC. - 9830 Reisterstown Road, Owings Mills, MD 21117. (03-6-2384 M) Air permit to construct for modification to container manufacturing line

## Caroline

MIKE DAVIDSON SAND & GRAVEL, LLC - Centreville, MD (95-SP-0485-1) Renewal of a surface mine permit located on Maryland Route 287

TOWN OF GREENSBORO - P.O. Box 340, Greensboro, MD 21639. (00-12-1144) Water permit to lay water mains along MD Route 313 and Route 314

TOWN OF GREENSBORO - P.O. Box 340, Greensboro, MD 21639. (00-14-1150) Water permit to construct an elevated water storage tank at the site adjacent to the Greensboro Water Treatment Plant

TOWN OF GREENSBORO - P.O. Box 340, Greensboro, MD 21639. (00-16-1151) Water permit to upgrade the existing Greensboro Water Treatment Plant

## Carroll

FEDERALSBURG WWTP - 125 Kerney Street, Federalsburg, MD 21632. (S-00-05-3942-T) Sewerage sludge transportation permit

HRW-LMT LLC - 849 International Drive - Suite 100, Linthicum, MD 21090. (00-22:23-1078) Sewerage permit to construct a wastewater pumping station and a force main at the Westminster marketplace at MD Route 140 and MD Route 97, Westminster

## Cecil

ELDRETH CONSTRUCTION, INC. - Conowingo, MD (85-SP-0216) Renewal for a surface mine permit located on Red Toad Road

THIOKOL PROPULSION - 55 Thiokol Road, Elkton, MD 21922 (07-6-0182 M) Air permit to construct for one baghouse

## Charles

BEL ALTON V.F.D. - 9765 Bel Alton-Newton Road, Bel Alton, MD 20611. (99DP2907) Groundwater industrial discharge permit

DAVID & KAY SHANK CH127 - East Side of Walter's Landing Road, Grayton, MD 20662. (S-97-08-3769-A1) Sewerage sludge application on agricultural land

MAYOR AND COUNCIL OF LA PLATA - 5 Garrett Avenue, La Plata, MD 20646. (00-25-1143) Sewerage permit to expand and upgrade the existing La Plata Wastewater Treatment Plant with biological nitrogen removal process in the vicinity of MD Route 301 and MD Route 6 intersection

## Dorchester

CITY OF CAMBRIDGE DEPARTMENT OF PUBLIC WORKS - 705 Leonards Lane, Cambridge, MD 21613. (00-22:23-1118) Sewerage permit to construct a wastewater pumping station and a force main at the intersection of Ocean Gateway and MD Route 16 to serve the Hyatt regency Chesapeake Bay Resort

WAWA FOOD MARKET # 563 - Route 50 & Crusader Road, Cambridge, MD 21613. (09-9-0027 N) Air general permit to construct for three 20,000 gallon gasoline underground storage tanks

WILSON & NANCY COATES, DR-16 - 3981 Ocean Gateway, Linkwood, MD 21835. (S-00-09-3618-A) Sewerage sludge application on agricultural land

## Frederick

BALLENGER CREEK WWTP - 7400 Marcie's Choice Lane, Frederick, MD 21704. (S-00-10-3949-T) Sewerage sludge transportation permit

BALLENGER CREEK WWTP - 7400 Marcie's Choice Lane, Frederick, MD 21704. (00DP0809) Major surface municipal discharge permit

EASTALCO ALUMINUM COMPANY - 5601 Manor Woods Road, Frederick, MD 21703. (10-7-0117M) Air permit to construct for two bake oven burners

FDI SERVICES - 4949 New Design Road, Frederick, MD 21703. (10-6-0483 & 0484 N) Air permit to construct for two printing presses

FORT DETRICK - 1500 Porter Street, Building 1422, Fort Detrick, MD 21702. (10-9-0153 N) Air permit to construct for one emergency generator

FREDERICK COUNTY DIVISION OF UTILITIES - 118 N Market Street, Frederick, MD 21701. (00-16-1077) Water permit to construct the River Oaks Rechlorination Station at River Oaks Terrace and Tobery Road off Bartonsville Road

QUYNN, J. TYLER - P.O. Box 670 Frederick, MD 21705. (00-25-1147) Sewerage permit to construct a wastewater treatment plant in the vicinity of Route 15 and Route 806 in Lewistown

TOWN OF THURMONT - 102 Frederick Street, Thurmont, MD 21788. (00-22:23-1108) Sewerage permit to construct a wastewater pumping station

and a force main along MD Route 550 and MD Route 77

## Garrett

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (57-SP-0028) Renewal for a Oil and Gas permit located Accident-Bittering Road

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (60-SP-0034) Renewal for a Oil and Gas permit located Brethren Church Road

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (65-SP-0050) Renewal for a Oil and Gas permit located Accident-Bittering Road

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (66-SP-0058) Renewal for a Oil and Gas permit located Accident-Bittering Road

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (66-SP-0065) Renewal for a Oil and Gas permit located Aikens Miller Road

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (66-SP-0069) Renewal for a Oil and Gas permit located Bumble Bee Road

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (66-SP-0071) Renewal for a Oil and Gas permit located Aikens Miller Road

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (69-SP-0093) Renewal for a Oil and Gas permit located Charlie Bowser Road

## Harford

CUSTOM DIRECT, INC. - 1809 Fashion Court, Suite 111, Joppa, MD 21085. (12-6-0352 N) Air permit to construct for 15 printing presses

HARFORD COUNTY DEPARTMENT OF PUBLIC WORKS - 101 South Main Street, Bel Air, MD 21014. (00-12:13:14-1099) Water permit to lay water mains and to construct a water storage tank and a booster station on Tollgate Road east of the Wheel Road intersection

JOHN MAGNESS FARM - 5425 Long Corner Road, Norrisville, MD 21161. (S-00-12-3775-A) Sewerage sludge application on agricultural land

U.S. ARMY GARRISON ABERDEEN PROVING GROUND - 4304 Susquehanna Avenue, Aberdeen Proving Ground, MD 21005. (12-5-0152 M) Air general permit to construct for one boiler < 10 MMBtu

## Howard

EYRE'S BUS SERVICE, INC. - 13600 Triadelphia Road Glenelg, MD 21737. (00DP2349) Groundwater industrial discharge permit

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 3430 Court House Drive, Ellicott City, MD 21043. (00-25-1140) Sewerage permit to expand and upgrade the Little Patuxent Water Reclamation Plant with biological nitrogen removal process at 8900 Greenwood Place, Savage

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 3430 Court House Drive, Ellicott City, MD 21043. (00-25-1141) Sewerage permit to construct solids processing facility at the Little Patuxent Water Reclamation Plant at 8900 Green-

wood Place, Savage

LOCKWOOD SIGN GROUP - 9125 Whiskey Bottom Road, Laurel, MD 20723. (13-6-0298 N) Air permit to construct for one paint spraybooth

SIMKINS INDUSTRIES, INC. - 201 River Road, Catonsville MD 21228. (13-5-0000) Air permit to construct for one temporary boiler >50 MMBtu

## Montgomery

BROOKVILLE AUTOMOTIVES, INC. - 14929 Dover Road, Rockville, MD 20850. (97SW1382) General permit registration for stormwater associated with industrial activity

CHESAPEAKE PETROLEUM & SUPPLY CO., INC. - 16821 Oakmont Avenue, Gaithersburg, MD 20877. (2001-OPT-4034) Oil operations permit for above ground storage tank and transportation

E.C. RICHARD ENTERPRISES, INC. - 26819 Ridge Road, Damascus, MD 20872. (2001-OPT-4397) Oil operations permit for above ground storage tank and transportation

MONTGOMERY COUNTY YARD WASTE COMPOSTING FAC. - 21210 Martinsburg Road, Dickerson, MD 20842. (97DP2320A) Surface industrial discharge permit

MUDDY BRANCH WASTEWATER PUMPING STATION - 400 Muddy Branch Road, Gaithersburg, MD 20878. (S-00-15-3964-T) Sewerage sludge transportation permit

TERRABROOK CLARKSBURG L.L.C. - 42935 Waxpool Road, Ashburn, VA 20148. (00-22-1136) Sewerage permit to construct gravity sewers along Stringtown Road, east of MD Route 355 and MD Route 121

## Prince George's

BARDON, INC. - Greenbelt, MD (89-SP-0329-1) Transfer a surface mine permit from Rockville Crushed Stone, Inc. to Bardon, Inc. located on Route 381

METRO READY MIX, INC. - University of MD, Arena, College Park, MD 20742. (16-06-1081 N) Air permit to construct for one portable concrete batch plant

PEAKE PRINTERS - 2500 Schuster Drive, Cheverly, MD 20781 (16-6-0952 A and 16-6-0983 A) Air permit to construct for Supersede Permits #16-6-0244 N & -0983 A

PEAKE PRINTERS - 2500 Schuster Drive, Cheverly, MD 20781. (16-6-0953 A) Air permit to construct for Supersede permit #16-6-0520 N issued 10/07/92

RECYCLING CENTER, INC., THE - 14852 Old Gunpowder Road, Laurel, MD 20707. (16-6-0567 M) Air permit to construct for add crusher/screen to crushing plant

SILVER HILL MATERIALS II, LLC - Greenbelt, MD (77-SP-0038-2) Transfer and renewal for surface mine permit from Silver Hill aggregates Limited Partnership to Silver Hill Materials II, LLC located on Cedarville Road

STONE INDUSTRIAL - 9207 51st Avenue, College Park, MD 20740. (16-6-0771M) Air permit to construct for one solvent

# Vehicular air study gives even more reason to carpool

The air people breathe inside their cars can be as much as 10 times more polluted than even typical dirty outdoor air in the Los Angeles (LA) area, according to a study released by California air quality officials in September.

To make matters worse, researchers found there is little motorists and passengers can do to protect themselves other than staying away from rush-hour driving, in particular getting stuck behind diesel buses or older model cars.

Other common tactics such as opening or closing windows or vents and turning on air conditioning do not help, according to a new study of motorists driving LA's freeways and in Sacramento.

Although car ventilation systems did show marginal success in filtering out tiny soot particles, the sort that are emitted from diesel trucks and buses, toxic gases such as benzene leaked into the vehicles no matter what.

Breathing the LA region's air is known

to be bad for health, but the new study is the first to show how high pollution levels are inside cars under a variety of driving conditions. Pollution levels of several dangerous pollutants are at least twice as bad inside cars, as outside, and levels of others are 10 times worse.

In the study, motorists were equipped with monitors to record the levels of pollution they breathed while driving.

The study found that a person standing alongside a freeway is actually exposed to

less of some kinds of pollutants than a person driving a car. That is probably because the bases and particles spewed by traffic accumulate in the vehicles, which contain only a small volume of air in which they are dispersed.

The fumes found inside the cars have been linked to a variety of respiratory problems, including lung cancer, asthma, and allergies.

Is there anything motorists can do to  
**See AIR, Page 12**

## NOTES

Continued from Page 5

charges to the Potomac River and to cease violations of its NPDES permit. This action also seeks civil penalties of up to \$10,000 per day for each water pollution violation.

**Status:** Case pending. (Reference # 01-C-00-018342).

**LaVale Sanitary Commission, Allegany County** – On August 11, MDE filed a civil Complaint for Injunctive Relief and Civil Penalty in the Circuit Court

for Allegany County requiring the LaVale Sanitary Commission to comply with its NPDES permit and Maryland law to address discharges of sewage from LaVale's combined sewer system into the Potomac River. MDE seeks injunctive relief requiring LaVale Sanitary Commission to develop and implement a long term compliance plan to prevent future unauthorized combined sewer overflow (CSO) discharges to the Potomac River and to cease violations of LaVale's NPDES permit.

This action also seeks civil penalties of up to \$10,000 per day for each water pollution violation.

**Status:** Case pending. (Reference #01-C-00-018341).

**Allegany County Sanitary Commission and County Commissioners of Allegany County** - On August 11, MDE filed a civil Complaint for Injunctive Relief and Civil Penalty in the Circuit Court for Allegany County requiring Allegany

County Sanitary Commission and the Allegany County Commissioners to comply with the Allegany County's NPDES permit and Maryland law to address discharges of sewage from the Allegany County combined sewer system into the Potomac River. MDE seeks injunctive relief requiring Allegany County to develop and implement a long term compliance plan to prevent future unauthorized combined sewer overflow (CSO) discharges to the Potomac River and to cease violations of its NPDES permit. This action also seeks civil penalties of up to \$10,000 per day for each water pollution violation.

**Status:** Case Pending. (Reference # 01-C-00-018341).

**Precision Collision Car Care Center, Anne Arundel County** – On August 30, MDE and Precision Collision Car Care Center located at 185 B Defense Highway, Annapolis, Md., finalized an administrative consent order to resolve alleged violations of the facility's groundwater discharge permit. The consent order requires the facility to conduct a study to determine the extent of contamination of groundwater resulting from noncomplying discharges of total petroleum hydrocarbons. Precision Collision has agreed to pay an administrative penalty of \$10,000 to resolve past discharge permit violations.

**Status:** Case closed. (Reference # CO-01-0067).

### Water Pollution Penalties - State-wide

During the period August 10 to September 15, MDE collected \$12,725 in administrative penalty payments to the Clean Water Fund in settlement of alleged water pollution violations from nine establishments.

### Erosion and Sediment Control Penalties – Statewide

During the period August 10, to September 15, MDE collected \$6,237 in administrative penalty payments to the Sediment Fund in settlement of alleged erosion and sediment control violations at seven construction sites.

## For the Record

recovery unit

### Somerset

A J KING – Westover, MD (95-SP-0495) Renewal issued for a surface mine located on Boggs Schoolhouse Road

A J KING – Westover, MD (95-SP-0496) Renewal issued for a surface mine located on Boggs Schoolhouse Road

EASTERN CORRECTIONAL INSTITUTION - 30420 Revells Neck Road, Route 1, Box 500, Westover, MD 21853. (99DP3027) Surface municipal discharge permit

GERARD DUMSHA – Princess Anne, MD (00-SP-0573) Permit issued for a surface mine located on U.S. Route 13

SOMERSET GRAIN, INC. - 11560 Progress Lane, Princess Anne, MD 21853. (19-8-0024 N) Air permit to construct for one grain dryer

### St. Mary's

ISRAEL FISHER - 27815 Woodburn Hill Road, Mechanicsville, MD 20659. (S-00-18-3834-A) Sewage sludge application on agricultural land

WRAY, CHRISTINE - P.O. Box 527, Leonardtown, MD 20650. (00-25-1106) Sewerage permit to construct St. Mary's Hospital Wastewater Treatment Plant at the Charlotte Hall Business Park, Golden Beach Road, Business Center Drive and Market Drive Intersection

### Talbot

EASTON UTILITIES COMMISSION - 672 West Glenwood Avenue, Easton, MD 21601. (2001-OGT-3538) General permit for storm/

hydrostatic test water from oil terminals

### Washington

CITY OF HAGERSTOWN WATER DEPARTMENT - 51 West Memorial Boulevard, Hagerstown, MD 21740. (00-16-1044) Water permit to upgrade the R. C. Willson Water Treatment Plant at Williamsport

CRAZY HORSE RESTAURANT & SALOON - 116 Railway Lane, Hagerstown, MD 21740. (21-8-0047 & 0048 N) Air general permit to construct for two charbroilers

GARDEN STATE TANNING, INC. - 15717 Clear Spring Road, Williamsport, MD 21795. (21-7-0122 N) Air permit to construct for one mixing tank

MARTIN MARIETTA AGGREGATES – Raleigh, NC (77-SP-0135) Modification and renewal issued for a surface mine located on Benevola Church Road

MARTIN MARIETTA MAT.-BOONSBORO QUARRY - 20301 Benevola Church Road, Boonsboro, MD 21713. (21-9-0010 M) Air permit to construct for modification to crushing plant

PRINTING PLACE, THE - 1044 Virginia Avenue, Hagerstown, MD 21740. (21-6-0502) Air permit to construct for one printing press

ROBERT CARR/GOLDEN LEA FARM - 11848 Kemps Mill Road, Williamsport, MD 21795. (S-98-21-3895-A2) Sewage sludge application on agricultural land

TOWN OF BOONSBORO - 21 N. Main Street, Boonsboro, MD 21713. (00-25-1045) Sewerage permit to improve the mechanical screen at the Boonsboro Wastewater Treatment Facility

### Wicomico

CROPPER BROTHERS LUMBER CO. - 7504 Main Street, Willards, MD 21874. (22-4-0209 N) Air general permit to construct for one boiler < 10 MMBTU

D'ANCONIA SHIPLEY CORPORATION - 503 South Maryland Avenue, Delmar, MD 21875. (22-8-0088 & 8-0089 N) Air permit to construct for one rotor mill and one blending/bagging operation

### Worcester

MERIAL SELECT, INC. - 10026 Main Street, Berlin, MD 21811. (23-9-0034 N) Air permit to construct for one generator

MERIAL SELECT, INC. - 10026 Main Street, Berlin, MD 21811. (00DP0369) Groundwater industrial discharge permit

TOWN OF BERLIN - 10 William Street, Berlin, MD 21811. (00-25-1128) Sewerage permit to install "Pond Doctor" aeration facilities at the holding pond located at the spray irrigation site

### Out of State

BOULDEN, INC. - 540 Old Barksdale Road, Newark, DE 19711. (2001-OPV-2179) Oil operations permit for transportation

CARTER FUEL OIL COMPANY INC. - 4614 Minnesota Avenue, Northeast, Washington, DC 200193897. (2001-OPV-2219) Oil operations permit for transportation

TIPTON TRUCKING COMPANY, INC. - 397 Waterway Road, Oxford, PA 19363. (2001-OPV-2701) Oil operations permit for transportation

# AIR

Continued from Page 11

avoid this health risk?

"Drive in the carpool lane, avoid rush hour, report smoking vehicles and avoid the most congested traffic," said California Air Resources Board spokesman Jerry Martin.

During the test, cars driven during rush hours contained nearly twice the pollutants of cars driven at less congested times.

People in carpool lanes breathed cleaner air. Their cars contained two to five times less pollution than those in regular lanes, probably because the lanes are less congested and farther from trucks. More than half of the pollutants inside the test cars were emitted by the vehicle in front of them.

The worst pollutants found were tiny, inhalable particulates that come mainly from diesel vehicles and two compounds that are emitted mostly from gasoline-powered automobiles: benzene, known to cause leukemia, and 1,3-butadiene, a powerful carcinogen.

Diesel exhaust has been linked to lung cancer and allergies, and fine particles are believed to raise the rate of death from respiratory and cardiac diseases.

Concentrations of pollution inside the cars were compared with ambient air measurements, which were taken throughout the region at monitoring stations that are not located near freeways or factories.

The study revealed that a car driving behind a diesel bus contained up to 18,000 counts of fine particles per cubic meter of air. The normal range in the area is 2,000 to 4,000. A car behind a diesel delivery van contained 12,000, or up to six times that normal range. Other pollutants found in high concentrations were carbon monoxide, the fuel additive MTBE, ethyl benzene, and toluene. All have been declared toxic air pollutants by the state air board and the U.S. Environmental Protection Agency.

# Public meetings & hearings

## Air & Radiation Management Administration

**October 4, 2000**--6:30 p.m. Brooklyn United Methodist Church, Fourth Street and Pontiac Avenue, Baltimore  
Information meeting concerning an air quality permit to construct application submitted by Condea Vista  
Robert Maddox, (410) 631-3265

## Water Management Administration

**October 2, 2000**--10:30 a.m. MDE, Chesapeake Room, 2500 Broening Highway, Baltimore  
Public hearing on amendments to COMAR Regulations 26.08.01, 26.08.02 and 26.23.01 to clarify and add definitions, establish criteria for identifying and protecting Outstanding National Resource Waters.  
Patsy Allen, (410) 631-3625

**October 4, 2000**--8:30 a.m. Maryland Department of Transportation, 2<sup>nd</sup> Floor Conference Room, 10 Elm Road, Linthicum  
Public meeting of the State Board of Environmental Sanitarians

Douglas John, (410) 631-3167  
**October 6, 2000**--9:30 a.m. - 12:30 p.m. Maryland Department of Agriculture, Room 110, 50 Harry S. Truman Parkway, Annapolis  
Meeting of the State Water Quality Advisory Committee  
Chris Thomas, (410) 631-3524

**October 19, 2000**--10:00 a.m. WSSC, Hovevar Building, Room LK121, Laurel  
Public meeting of the Board of Waterworks and Waste System Operators. The Board may elect to conduct part of the meeting in closed session, pursuant to the State Government Article and the Annotated Code of Maryland  
Douglas John, (410) 631-3167

**October 25, 2000**--9:00 a.m. MDE, TARSA's Conference Room, 2500 Broening Highway, Baltimore  
Meeting of the State Board of Well Drillers  
Willie Everett, (410) 631-3167

## Waste Management Administration

**October 10, 2000**--2:00 - 4:00 p.m. MDE, Chesapeake Confer-

ence Room, 2500 Broening Highway, Baltimore  
Meeting of the Governor's Oil Spill Prevention Advisory Committee

Terry Kuta, (410) 631-3305

**October 12, 2000**--9:00 a.m. MDE, Chesapeake Conference Room, 2500 Broening Highway, Baltimore  
Meeting of the Controlled Hazardous Substances Advisory Council  
Emmanuel Ofoche, (410) 631-3441

**October 24, 2000**--2:00 - 4:00 p.m. MDE, Chesapeake Conference Room, 2500 Broening Highway, Baltimore  
Meeting of the Governor's Oil Spill Prevention Advisory Committee  
Terry Kuta, (410) 631-3305

*\*\*Persons needing special accommodation to attend the preceding are encouraged to contact MDE's Fair Practices Offices at (410) 631-3964 five days prior to the event.*

# FOREST

Continued from Page 4

tration, 2500 Broening Highway, Baltimore, MD 21224-Attn: Paul Stoner, Compliance Program.

MDE and DNR encourage those involved in the performance, approval, planning, or enforcement of forest harvest operations, to take advantage of this informal comment period as the Maryland Standards and Specifications for Forest Harvest Operations will be the primary

standard regulating their business.

Once comments are received, they will be evaluated and potentially included in subsequent drafts of the Maryland Standards and Specifications for Forest Harvest Operations. A summary of comments received during this informal period will be made available. A formal public comment period will be opened prior to the Maryland Standards and Specifications

for Forest Harvest Operations being included in COMAR.

MDE's primary mission is to protect and restore the quality of Maryland's air, water, and land resources. The department works to ensure achievement of the state's environmental goals while fostering economic development, safe communities, and environmental education.

# Agency moves to amend water project priority list

*Public Information Notice  
Water Quality Financing Administration  
Water Management Administration  
Drinking Water Revolving Loan Fund*

**The Maryland Department of the Environment intends to amend its existing FFY 2000/2001 Drinking Water State Revolving Loan Fund (DWSRF) Project Priority List (PPL) to include the following list of drinking water projects. The proposed projects may subsequently be amended into an existing DWSRF Intended Use Plan for financial assistance.**

Applicant	Project Title	DWSRF Loan Request	Rank/Pts
City of Grantsville	Grantsville/Keysers Ridge Water Project	\$ 200,000	19/5
City of Grantsville	Grantsville Water Distribution Project	\$ 0	13/30
Garrett County Sanitary District	Keysers Ridge Water Project	\$ 0	8/40

Any questions or requests for additional information on the projects should be forwarded by October 30, 2000 to :

Virginia Kearney, Program Administrator  
Maryland Department of the Environment  
Water Quality Infrastructure Program, Water Management  
2500 Broening Highway  
Baltimore, MD 21224  
Phone: (410) 631-3574  
Fax: (410) 631-3517  
E-Mail: [vkearney@mde.state.md.us](mailto:vkearney@mde.state.md.us)

Bulk Rate  
US Postage  
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Paid  
Elkton, MD  
Permit No. 85

Maryland Department of the Environment  
2500 Broening Highway  
Baltimore MD 21224



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