

MDE Environment

Maryland Department of the Environment

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Shellfish lovers reminded to take precautions for Vibrio bacteria

Maryland's Departments of Health and Mental Hygiene (DHMH) and the Environment (MDE) are reminding consumers of the potential risk of eating uncooked oysters, clams, mussels and other shellfish, particularly during the warmer months of the year.

"We want everyone to enjoy fresh seafood this summer, but we also want people to be aware that eating raw shellfish can cause illness due to Vibrio bacteria," said DHMH Secretary Dr. Georges C. Benjamin. "Shellfish should be cooked thoroughly to avoid health risks."

Different kinds of Vibrio bacteria are found naturally in coastal waters and are not a result of pollution. Vibrio bacteria can be found in waters approved for oyster and clam harvesting. During the warm weather months more of the bacteria can be found in shellfish and the risk to consumers is higher.

"Shellfish harvested from Maryland waters have never been implicated in a Vibrio illness," said Acting MDE Secretary Merrylin Zaw-Mon. "However, so far this year, two Marylanders have become ill after eating raw shellfish harvested out of state."

One particular kind of Vibrio bacteria, Vibrio vulnificus, can cause seri-

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MDE ENVIRONMENT PHOTO BY REIDER WHITE

MDE lends hand to fight fires

The Maryland Department of the Environment's Emergency Response Team was busy during the month of August when they helped fire officials in both Baltimore and Charles counties battle blazes.

The fire at a mulch plant in Sparrows Point, which started in the early morning hours of Aug. 8, produced smoke that could be seen from miles away, as shown in the photo at top.

The Emergency Response Team then responded at Charles County's request to a facility called "Andrews' Auto Parts" on US 301 in White Plains. The facility is a 26-acre auto recycling yard, which caught



MDE ENVIRONMENT FILE PHOTO

fire for reasons unknown at this time. The flames, shown in the photo above, you see in the photos are of burning scrap tires. The fire was contained by local fire departments. The main environmental impact was the heavy black smoke from the tire fire.

Move coordinator earns employee of the year honors

By Tracy Newman

The Maryland Department of the Environment (MDE) and its employees named a Perry Hall resident as Employee of the Year during a recent ceremony at the agency's Baltimore headquarters.

Lorrie Del Pizzo, an 11-year employee with state government, has spent the last two years of her career organizing MDE's relocation to the Montgomery Park Business Center.

"Lorrie was nominated for her outstanding work as the relocation coordinator overseeing MDE's move to the Montgomery Park Business Center. For nearly two years, Lorrie has led the efforts to plan and execute the relocation of an agency with more than 1,000 employees," said MDE Acting Secretary Merrylin Zaw-Mon.

"She has put in many long hours and tried to anticipate all aspects of the move."

Del Pizzo joined MDE in 1991 shortly after her graduation from Loyola College in Baltimore with a Bachelor of Science degree in engineering.

Although an engineer, MDE leadership considered Del Pizzo a natural for the relocation project. Both require exceptional attention to detail, leadership and the ability to develop strong partnerships and teams.

Del Pizzo created relocation

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

MDEnvironment

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 Administration
Pat Coll, Management Associate,
 Administrative & Employee Services
 Administration

Contributing Writers:

Matthew Rowe, TARSA Herb Sachs, WMA
 Andrew Gosden, EPSC Tyrone Stinson, WAS
 Jim Wilkerson, ARMA Marya Levelev, WMA
 Dave Mummert, ARMA Brad Larossi, WMA
 George Keller, WMA Isora Cook, AESA
 Mike Gallagher, AESA Magalie Gelin, WAS

**For the Record Section
 Meetings and Hearings Calendar**

Joane Mueller, Production Coord.

Contributors:

Gail Castleman, WAS Ta-shon Yu, WMA
 Bob Daniel, EPSC Melody Thrower, WMA
 Bob Maddox, ARMA Debbie Kasraei, WMA
 Shannon Heafey, ARMA Jim Metz, WAS

**Enforcement & Compliance Notes
 Bernard Penner**, Office of the Secretary

Contributors:

Angelo Bianca, ARMA
 Frank Courtright, ARMA
 Frank Whitehead, ARMA
 Regina Rochez, WAS Jack Bowen, WMA

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 reprint permission, comments or
 inquiries contact:

Richard J. McIntire, Editor-in-Chief
 1800 Washington Boulevard
 Baltimore, MD 21230
 rmcintire@mde.state.md.us
 (410) 537-3012

Businesses for the Bay acknowledges its members

By Laura Armstrong

National Pollution Prevention Week is celebrated the third week of September to highlight the benefits of a prevention versus pollution control-based approach to environmental management.

As many Maryland citizens and businesses have discovered, reducing waste at the source and conserving resources saves money, time, and potential liability.

The Maryland Department of the Environment thanks the following businesses for their commitment to pollution prevention through their participation in *Businesses for the Bay*. Observe National Pollution Prevention Week by adding your organization to the list. Joining the program is free and easy to do.

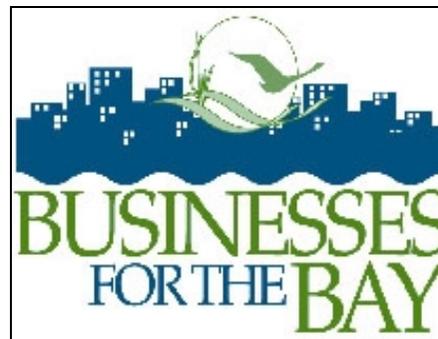
Sign up online at www.b4bay.org or call 1-800-968-7229, ext. 719 to ask for a brochure.

To help identify cost-saving waste reduction and energy and water efficiency measures, call MDE's Pollution Prevention Program for a free on-site pollution prevention opportunity assessment (1-800-633-6101, ext. 4119.)

These assessments are non-regulatory and are carried out by the University of Maryland Technology Extension Service.

Pollution prevention checklists for the business and home can also be found on the MDE website (www.mde.state.md.us) under Pollution Prevention.

- Aarcher, Inc. *
- Advanced Medical Waste Solutions, Inc. *
- Airpax Corporation
- Albertsons, Inc. (11 stores) *
- Alcore, Inc., (2 facilities)
- Alliance for the Chesapeake Bay
- Anne Arundel Economic Dev. Corp.
- Baltimore Sun, The *
- Baxter Healthcare Corporation
- BP Amoco
- Carvel Hall, Inc.
- Charles Co. Chamber of Commerce
- Chesapeake Bay Botanicals
- Chesapeake Crematory, Inc.
- Chesapeake Finished Metals
- City of Baltimore Community Revitaliza-



tion Division

- City of Gaithersburg
- City of Salisbury WWTP
- Constellation Energy *
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- Eaton Aeroquip
- Environmental Technologies Group
- Erachem Comilog *
- e.spire Communications
- Fin-Tec, Inc. *
- Fluor Daniel GTI *
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- Garden State Products
- Gascoyne Laboratories
- Grace Davison *
- Herring Run Watershed Association
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- Industrial Towel Supply, Inc.
- J.M. Huber Corporation
- J.W. Salm Engineering, Inc. *
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- LogicStix
- Maryland Aggregates Association
- Maryland Air National Guard
- Maryland Center for Environmental Training *
- Maryland Chamber of Commerce
- Maryland Department of the Environment
- Maryland Environmental Service
- Maryland Petroleum Council *
- MD-DE-VA Solar Energy Industries
- Middle River Aircraft Systems *
- Millennium Inorganic Chemicals *
- Mirant MidAtlantic (3 stations)

- Mr. Wash Car Wash
- NASA Goddard Space Flight Center *
- National Aquarium in Baltimore
- National Institutes of Health
- National Security Agency
- Naval Air Station Patuxent River*
- Northrop Grumman Corporation – ESSS *
- Ocean Pines Area Chamber of Commerce
- Page Environmental Corporation *
- PerkinElmer Fluid Science
- Proctor & Gamble Cosmetics *
- Pure & Simple Gardens
- Quantum Photonics
- Rosario's Restorations *
- Roy F. Weston *
- Safety Council of Maryland
- Sasol North America, Inc. *
- Savage River Lodge
- Science of Sustainability *
- Scuderi Auto Body *
- Shipley's Choice Elementary School
- Shipwright Harbor Marina
- Social Security Administration
- Struever Bros. Eccles & Rouse *
- TBC Interactive
- Tnemec Company
- U.S. Army – Aberdeen Proving Ground *
- U.S. Army - Fort Detrick
- U.S. Army Research Laboratory
- U.S. Filter Recovery Service *
- U.S. Naval Academy *
- U.S. Naval Surface Warfare Ctr, Indian Head
- UMD Technology Extension Service (2 sites) *
- Unilever HPC – USA *
- USDA, ARS, BA
- Ward Machinery Company, The
- Washington Metro Area Transit Authority (10 facilities) *
- Watercolor Lavender Farm *
- WHFC-FM, Harford Community College
- Wildlife Habitat Council
- WNAV-AM
- Worthington-Armstrong Venture *
- Zahniser's Yachting Center

* One or more individuals from this facility have volunteered to be a *Businesses for the Bay* mentor
 * *Businesses for the Bay* Award Winner

News briefs

Drought conditions continue to worsen in Maryland

Continued dry weather throughout the Mid-Atlantic region has worsened drought conditions with record low rainfall and stream flows. During the summer drought of 1999, rainfall deficits reached a low of about 8 1/2 inches. The current rainfall deficit, which actually began its downward trend in July 2000, was at a low of 13 1/2 inches as of mid-August.

The Central Region of Maryland has been the hardest hit and has been in a drought emergency status with mandatory water restrictions since April. The Baltimore City water service area, which had been maintaining a drought warning status, declared a drought emergency on August 10 and imposed mandatory water restrictions.

Gov. Parris N. Glendening requested federal disaster relief Aug. 13, for Maryland

farmers whose crops have been devastated by drought and excessive heat during the growing season.

The governor and MDE continue to ask all Marylanders to voluntarily conserve water, even if they do not live in one of the areas where mandatory restrictions have been imposed.

For a complete list of water conservation

See BRIEFS, Page 3

Lock Raven dam repairs to begin this month

By Brad Iarossi

The Maryland Department of the Environment (MDE) recently issued a permit to allow the city of Baltimore to complete a major rehabilitation of the Loch Raven Dam on the Gunpowder Falls in Baltimore County.

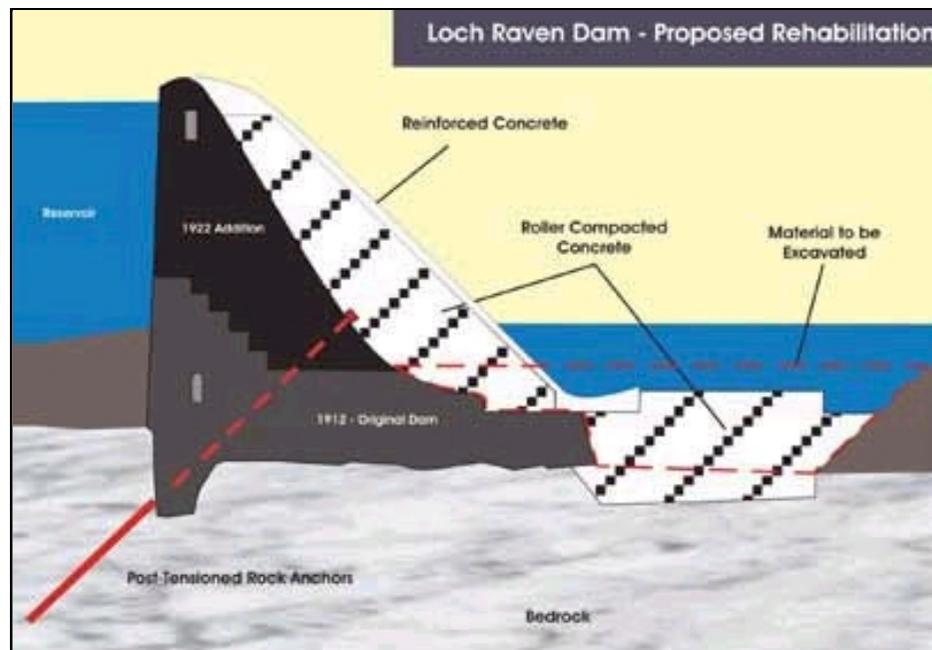
"The modifications will significantly improve the safety of the dam by increasing the spillway capacity to enable the dam to safely pass a 'Probable Maximum Flood,'" said Virginia Kearney, deputy director of MDE's Water Management Administration. "This design represents the maximum amount of flow into the Loch Raven reservoir that is possible and would be generated by approximately 31 inches of rain over a 72-hour period."

The project at Loch Raven Dam includes raising the structure's non overflow sections, the addition of mass concrete to the dam using "roller compacted concrete" and the installation of rock anchors in the dam. The construction project is expected to begin in September and take three years to complete.

Since the dam is classified as a "high hazard" potential dam — meaning that its failure would cause probable loss of life and significant property damage — the inflow design storm is extremely conservative and represents the most extreme loading conditions that the dam must be capable of withstanding.

There was a considerable amount of public involvement related to the location of the contractor's staging area and access routes to the dam during construction. Baltimore City and its consultant, Gannett Fleming, investigated many alternatives for potential staging areas and routes to accommodate the needs for the contractor to complete the project.

The value of public involvement was clearly demonstrated as a local citizens



MDE ENVIRONMENT PHOTOS COURTESY OF THE CITY OF BALTIMORE

Above, a diagram of the the rehabilitation work at the Loch Raven Dam on the Gunpowder Falls in Baltimore, which is set to begin this month. The project seeks to increase the safety of the structure, which could cause extensive property damage if it fails. Below, a bird's eye view of the reservoir.

group suggested sites that not only eliminated the floodplain and nontidal wetland impacts but will also save the city more than \$2 million in construction costs.

Baltimore City, Gannett Fleming, along with the local citizens "task group" and the state senators and delegates from districts 8 and 9, should be congratulated, Kearney said.

"Under the leadership of George Winfield, the Baltimore City Department of Public Works has made major improvements to many of their dams and has established an aggressive dam safety program," she added.



"MDE applauds the city of Baltimore for their commitment to the safety of the Loch Raven Dam as well as the other 13 dams owned and maintained by the city."

Ask



By Andrew Gosden

This column is focused on questions concerning business environmental compliance issues. Since many questions may require more space than is available to answer fully, these answers will often provide contact information for more detailed information. Please submit your questions to Maryland Department of the Environment, EPSC – Ask MDE, 1800 Washington Boulevard, Baltimore, Md. 21224. You can also e-mail your questions to EPSC@mde.state.md.us with Ask MDE in the subject line. It is not necessary to identify yourself or your business. Questions that are of general interest will be answered in this column.

Q. What environmental permits do I need to open a ready mix concrete plant?

A. A ready mix concrete plant will typically need at least two types of permits from MDE. All ready mix plants are required to get an Air Quality Permit to Construct for both the plant itself and for any air pollution control equipment they have. You are required to get the Air Quality Permit to Construct (Permit to Construct) before you begin construction of the source, in this case the ready mix plant.

You need to submit two forms, the AMA-5 and the AMA-6, to apply for the Permit to Construct. The AMA-5 is used to describe general facility information and information about the source of the pollution.

The AMA-6 is used to describe the control equipment. In addition to the application forms, you will also need to submit vendor literature and drawings of the equipment, a site map and the methods you will use to control fugitive dust emissions.

The Permit to Construct for a ready mix plant does not require public participation and is usually issued within a standard turnaround time of three months. You can contact the Air Quality Permits program at (800) 633-6101, extension 3225 for more information

Ready mix plants also require a water discharge permit. MDE implements general discharge permit for mineral mines that also covers the discharges from ready mix concrete plants.

This permit also covers the storm water permit requirements for a ready mix concrete plant. This permit will allow you to discharge water from mixer truck and equipment washing that does not

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BRIEFS

Continued from Page 2

tips and information on mandatory water restrictions, where imposed, visit the MDE website at www.mde.state.md.us or call the Drought hotline at 1-877-4DROUGHT (1-877-437-6844).

Businesses for the Bay award deadline extended

The deadline to submit for this year's Businesses for the Bay Excellence Awards has been extended to Sept. 16. The Chesapeake Bay Program and the Maryland Department of the Environment are seeking *Businesses for the Bay* partners that have voluntarily implemented pollution prevention to reduce toxics, nutrients or waste.

Businesses for the Bay is a voluntary program that encourages and recognizes pollution prevention practices at businesses, government facilities, and other organizations located within the Chesapeake Bay

watershed.

Maryland-based participants reported the reduction and recycling of over 1.1 billion pounds of materials, saving these companies \$15.8 million in operating and waste disposal costs.

Businesses for the Bay offers annual awards to small, medium and large businesses and government facilities that have successfully implemented pollution prevention measures.

For more information on the award criteria, to download an application or to find out how to join *Businesses for the Bay*, go to www.b4bay.org or call 1-800-968-7229, ext. 719 for information.

Maryland sets record with 16 Code Red days this summer

The exceptionally warm weather has caused 16 unhealthy air quality days in

Maryland as of Aug. 21.

Daily ground-level ozone pollution levels are collected by 17 monitors throughout Maryland around the clock.

The Maryland Department of the Environment (MDE) uses a color-coded forecast scale to inform the public of the ground-level ozone levels in the Baltimore and Washington metropolitan areas.

MDE also performs daily forecasts for ozone, which is then transmitted to the media and general public via fax and the Air Quality Hotline at (410) 537-3247. When unhealthy levels of ozone are forecasted or recorded, residents are urged to take actions to reduce their exposure and contribution to ground-level ozone. To learn more about these actions visit the Ozone Action Days page at http://www.mde.state.md.us/arma/Programs/Aqplan/Ozone/1999_OAD/oahome.html.



MDENVIRONMENT PHOTO COURTESY OF THE PACIFIC COAST SHELLFISH GROWERS ASSOCIATION

Experts warn that those who eat shellfish such as clams, shown above, should be sure to properly cook them to kill any bacteria that may be present.

VIBRIO Continued from Page 1

ous illness or even death for people considered to be at high risk.

People at "high risk" include those with liver disease, excessive alcohol intake, diabetes, AIDS or HIV infection, stomach disorders, inflammatory bowel disease, cancer, abnormal iron metabolism, steroid dependency or any illness or medical treatment which results in a compromised immune system. Older adults are more likely to have these health conditions and should be aware of their health status.

It is recommended those that are a high risk not consume raw shellfish.

People who are not at high risk can also become ill from *Vibrio* bacteria, although it is much less common. These bacteria can cause a gastrointestinal illness in people who eat raw or undercooked oysters or clams, regardless of age or health history.

Symptoms of illness from *Vibrio* bacteria include vomiting, diarrhea, stomach pains, severe weakness, skin rashes, blisters, shaking chills and high fever. If you have any of these symptoms after consuming shellfish, see your health care provider for medical treatment.

While it is rare, infection also can occur when cuts, burns or sores are exposed to seawater containing *Vibrio* bacteria.

Avoid exposing healing wounds to saltwater when swimming or wading by covering the wound with a watertight wrap.

If you get a cut or wound while in the water, clean the wound with soap and water or a disinfectant, such as hydrogen peroxide. If you notice signs of infection, such as redness or swelling, see your doctor.

Vibrio bacteria do not change the ap-

pearance, taste, or odor of oysters or clams. Eating raw oysters or clams with hot sauce or while drinking alcohol does not destroy the bacteria either.

Only thoroughly cooking the oysters or clams will destroy the bacteria and eliminate the risk of infection.

For example, live oysters or clams should be boiled three to five minutes after their shells open. Using a small pot to boil or steam oysters is recommended for thorough cooking. Discard any oysters that do not open during cooking. Shucked oysters or clams should be boiled or simmered at least three minutes or until the edges curl. They may also be fried in oil for three minutes at 375 degrees, broiled three inches from the heat for three minutes or baked in a 450 degree oven for 10 minutes.

Maryland's Chesapeake Bay waters have long been known for their plentiful shellfish.

To protect this valuable resource and safeguard public health, MDE is responsible for regulating shellfish harvesting waters. Shellfish include clams, oysters, and mussels. The term shellfish does not include crabs, lobsters, or shrimp.

Shellfish are filter-feeding animals: they strain the surrounding water through their gills which trap and transfer food particles to their digestive tract.

If the water is contaminated with disease-causing bacteria, such as *Vibrio*, the bacteria are also trapped and can be consumed as food.

More *Vibrio* and seafood safety information can be obtained by calling the U.S. Food & Drug Administration hotline at 1-(800)-332-4010 or online from the Interstate Shellfish Sanitation Conference at: www.issc.org.

New state building to replace former Easton gas plant site

By Magalie Gelin

The Maryland Department of the Environment (MDE) is finalizing plans with the town of Easton to begin work renovating a former gas manufacturing plant into the new local site of the state's Department of Social Services.

For about 60 years, the Easton Town Gas Plant, located at One South West Street, manufactured coal gas for heating and lighting the town of Easton. While in operation until 1919, wastes from the gas manufacturing process contaminated the soil and groundwater and limited the property's development potential.

"A consortium of municipal, county, and state agencies saw this underutilized, highly accessible, downtown property as the ideal location for a new Department of Social Services facility," said MDE Acting Secretary Merrylin Zawmon. "There was a strong interest on the part of the state to locate the new facility in a downtown location to support Smart Growth."

MDE's Environmental Restoration and Redevelopment Team responded by conducting a state-funded environmental property assessment using in-house technical staff and equipment and personnel provided by an outside remedial services contractor.

About 40 soil borings were drilled across the property to assess the nature and extent of the site's soil and groundwater contamination. Laboratory testing of soil samples collected from the borings identified the presence of coal gas manufacturing waste products to a depth of approximately 20 feet on the site.

Low-level groundwater contamination

was also detected, but was deemed not to be a health concern due to its relatively low concentration. Further evaluation indicated a potential for health impacts for future occupants of the site if the soil contamination was not covered or removed.

To address the potential health concerns, MDE commissioned a remedial services contractor to design a soil remediation plan for the site. The plan is to be designed to be protective of human health and the environment.

Development of this plan is underway. In its final form, the plan is expected to include provisions for razing all existing site structures, removing near-surface contaminated soil from beneath the proposed building area and planned green areas, installing contaminant free utility trenches, and creating impermeable containment barriers.

In addition to developing an effective remedial design, architectural planning efforts are underway by others to create a functional and aesthetically pleasing building layout for the site.

The town of Easton and MDE have worked closely throughout this process to ensure that the building's design does not interfere with or compromise efforts to mitigate the site's environmental concerns, said Easton Mayor C. Eugene Butler.

"This is a great example of MDE working with local government in a practical and economical way," the mayor said. "Without MDE's assistance, a project like this would be difficult, if not impossible for a small town like Easton to do."

Construction on the new building is scheduled to begin by December.

ASK Continued from Page 3

use soap, and excess feed water provided you monitor and meet the limits in the permit. You will also be required to develop a storm water pollution prevention plan. A sample plan for ready mix concrete plans is available on the EPA Region III web site at: www.epa.gov/reg3wapd/stormwater/index.html.

The standard turnaround time for this permit is 90 days. You can contact the Industrial Discharge Permits program at (800) 633-6101, extension 3323 for more information.

If you plan to conduct other activities at your site, such as rock crushing, vehicle washing, or oil and/or gasoline storage, additional permit requirements will be triggered.

You can download the application forms from MDE's web site at: www.mde.state.md.us/arma/Programs/

[Aqpermit/aqpermit.html](http://www.mde.state.md.us/arma/Programs/Aqpermit/aqpermit.html) for the air quality permit forms and www.mde.state.md.us/eps/wmapermit.html for the water permit. Please contact the Environmental Permits Service Center at (800) 633-6101, extension 3772 for assistance obtaining the application forms or other general permitting questions.

Although the information provided in this column is generally accurate for the specific situations that are addressed, it is not a substitute for compliance with any requirements.

Due to the complex nature of environmental regulations, you should call the Maryland Department of the Environment through the Environmental Permits Service Center if you have any questions about your permit or how the regulations may apply to your situation.

Md. awaits approval of Title V program

By Dave Mummert

The Maryland Department of the Environment (MDE) recently submitted its Title V program package to the U.S. Environmental Protection Agency (EPA) to obtain full approval of the Part 70 operating permit program.

Title V of the 1990 Clean Air Act requires states to devise an operating permit program for major sources of air pollution. The Part 70 Permit Program is designed to combine in a single document all air quality requirements applicable to a company.

Maryland's submittal includes revisions to regulations, legal opinions and commitments by the Air and Radiation Management Administration (ARMA) concerning the implementation of the program.

As of press time, EPA was expected to publish the notice to approve Maryland's program shortly.

Maryland currently implements a Part 71 operating program under a delegation agreement with EPA. Sources subject to Title V requirements that had not been issued a Part 70 permit as of Dec. 1, 2001 were required to submit Part 71 permit applications by May 31.

To date, ARMA has received 46 Part 71 applications. ARMA's goal is to issue a third of the Part 71 permits by December of this year.

In December 2001, Maryland lost its interim approval status of its Part 70 operating permit program because the state was unable to correct certain deficiencies that EPA noted when granting interim approval.

The significant issue was a deficiency in Maryland law regarding who has standing to obtain judicial review of Title V permits. Maryland law was more restrictive than federal law, particularly with respect to organizations and out-of-state residents.

During the 2002 Maryland General Assembly, legislators passed two emergency bills, House Bill 5 and Senate Bill 248 that expanded standing for Title V permits. Gov. Paris Glendening signed the two identical bills into law May 16.

"ARMA is eagerly awaiting EPA's approval of Maryland's Part 70 program and the Air Quality Permits Program staff is actively preparing draft permits in the interim," said ARMA Deputy Director

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AWARD Continued from Page 1

workgroups and conducted meetings several times a month with senior staff to ensure that information from surveys, architectural floor plans, electrical plans and other data was disseminated to everyone for input, correction, modification or acceptance.

She ensured that all of the design features and construction techniques were environmentally sound and followed 'green building' principles.

Del Pizzo also oversaw all aspects of the build-out of the new office spaces, including carpeting, cubicle designs, telephone assignments, computer locations, lighting, signage and parking.

"Lorrie has literally made hundreds of decisions that will ultimately affect every employee as we move to Montgomery Park. Throughout, she managed to find a middle ground on which all could agree," said Allan Jensen, director of MDE's Administrative and Employee Services Administration.

"In addition, she made sure that all information and photos were posted on MDE's intranet to keep staff updated, she organized employee tours of the new offices, and worked with MTA on locating bus routes — all so that MDE employees would have an increased level of comfort with the new facility," he said.

Although she has worked in almost all of the agency's five administrations during her career, Del Pizzo claims she has found some of her most rewarding work coordinating the agency's relocation.

"I was pretty lucky to see Montgomery Park go from being a warehouse to what will be a thriving business center," Del Pizzo said.

While Del Pizzo was told she had been nominated for the Employee of



MDENVIRONMENT PHOTO BY TRACY NEWMAN

MDE's Employee of the Year, Lorrie Del Pizzo receives her award from Assistant Secretary Denise Ferguson-Southard during the agency's annual service award presentation ceremony Aug. 2. Del Pizzo was honored for her efforts organizing MDE's relocation to the new Montgomery Park Business Center on Washington Boulevard in Baltimore.

the Year honor, the possibility that she could actually be the winner was far from her mind.

"I was shocked because I knew the move hadn't taken place yet," she said. "I really appreciate the award because I really love what I am doing."

MDE employees began moving into the new Montgomery Park Business Center on Washington Boulevard on Aug. 23.

"I hope everyone is happy with the way things turned out," she said. "I

worked really hard to make the space as useful and as nice a place to work as it can be for MDE employees."

With the move in its final stages, Del Pizzo is looking forward to time off and planning a wedding to fiancé, Steve Toth of Abingdon.

"I have been engaged for two years because I kept saying to wait until after the move was over and I wasn't kidding," she noted. "I haven't had a life in a long time. I have a lot to do after this."

Join Businesses for the Bay for national pollution week

Recognize National Pollution Prevention Week, Sept. 16-22, by adding your organization to the list of Maryland *Businesses for the Bay* members.

These members have committed to identifying and implementing pollution prevention measures at their facilities. Joining the program is free and easy to do. Just go to: www.b4bay.org or call 1-800-968-7229, ext. 719 to ask for a brochure.

To help you identify cost-saving waste reduction and energy and water efficiency measures, call MDE's Pollution Prevention Program for a free on-site pollution prevention assessment at 1 (800) 633-6101, ext. 4119. The assessments are non-regulatory and are carried out by the University of Maryland Technology Extension Service.

TEHA 4th Annual Bike Tour

The Tidewater Environmental Health Association (TEHA) invites bikers, families and outdoor enthusiasts to participate in their Annual Bike Tour.

Place: Blackwater Refuge, Cambridge, Md.

Date: Saturday, Oct. 19, 2002

Start Time: 8 – 11 a.m.

Finish: 3 p.m.

Cost: \$20/individual, \$30/family

Contact: Mary Phipps Dickerson (410) 546-4446
or Bill Schmidt (410) 758-5020

MDE staff supports Team Md. for annual Envirothon

By Herb Sachs and Ty Stinson

Through the Maryland Department of the Environment's (MDE) support of the 13th annual Maryland Envirothon, staff member spent their time training "Team Maryland" for the 2002 Canon Envirothon, an international competition held at Hampshire College in Amherst, Mass., from July 29 to Aug. 4.

Maryland's Envirothon Program, established by the Maryland Soil Conservation Districts, is a year-long competitive, problem-solving, natural resources event for high school students to educate them about the environment.

Envirothon students are trained and tested in the natural resource areas of aquatics, soils, forestry, wildlife and a new environmental issue that changes every year (known as the fifth issue). This year's issue was *Introduced Species and their Effect on Biodiversity*.

Team Maryland, from Washington County's Clear Spring High School, represented Maryland in this year's Canon Envirothon International Competition.

Though the team placed 14th overall out of 49 United States and Canadian Provinces this year, Elmer Weibley, who worked with the team, is as proud as if they had placed first.

"I was very happy with the team members. They represented Maryland very well," said Weibley, a Soil Conservation District Manager of Washington County. "It's very good considering the level of competition among the participants."

For four intense days in the beginning of the summer, (July 8-11), MDE, Smithsonian Environmental Research Center (SERC) scientists and the Maryland Envirothon Committee's instructors from several agencies and a law firm worked with the top three teams of high school students who represented their counties (Washington, Harford and Allegany) during the state level event.

This year, Mark Herzog, education director at the Harford Glen Environmental Education Center, hosted the Maryland Envirothon state level event from June 20-22. The Washington County team – composed of Collin Calhoun, Larry Riggleman, Josh Fiedler, Dustin Reichard, Ryan Shank and alternate Courtney Robinson — competed with teams from 17 other counties in the state and won the Maryland title.

But competition to determine the winner of the state title was a close call, Weibley said.

"Our team won the state competition by one and a half points so at that level, there is a lot of competition," he said. "Allegany, Queen Anne's, Montgomery and St. Mary's county were ranked third, fourth and tied for fifth, respectively."

The coaches for the winning team — Susan Lowery and Terrie Shank — were present to cheer and guide the Washington County students.

MDE organized the Fifth Issue Training



MDENVIRONMENT FILE PHOTO

The Clear Spring High School Wilderness Wanderers were the 2002 Maryland State Envirothon Champions who traveled to Massachusetts to compete in the national Envirothon from July 29 to Aug. 4. Team members, shown from left to right, include coach Susan Lowery, Collin Calhoun, Courtney Robinson, Larry Riggleman, Conservation District Supervisor Donald Spickler, Josh Fiedler, Dustin Reichard, Ryan Shank and Conservation District Manager Elmer Weibley.

Team, held three statewide Train-the-Trainer Days, developed training CDs as well as generic county and state exams for the fifth issue.

MDE's supporting staff members this year were Lauren Gibson, Joe Herb, Bill Schmidt, Herb Sachs, Tammy Phillips and Ty Stinson.

Each Envirothon team, formed by five students and an alternate in grades 9 through 12, receives extensive training in the five natural resource areas.

County Envirothons are held in the spring to determine a winning team for each county. These winning county teams advance to the state level, where their knowledge is challenged in a competition that emphasizes hands-on involvement with the environment.

The state level competition lasts three days and involves full group participation in tours, campfires, night hikes, and other activities in addition to training and testing. As part of their evaluation, each team is given an environmental problem or situation and is expected to create and present a 10-minute oral presentation to a number of judges.

Maryland's special training days for the top three teams was hosted by Ross Simmons, director of SERC, located in Edgewater.

SERC's training team of scientists include, Wayne Coats, Pat Megonigal, Tom Jordan, Bert Drake, Jess Parker, Dennis Whigham, Paul Fonoff, Linda McCann and Mark Haddon, the center's education director.

These scientists spent one to two hours presenting current information on their research relative to the current issue. The

teams spent some time canoeing in tidal wetlands, walking through forests, climbing meteorological towers and taking plankton samples from SERC's research vessel out in the Chesapeake Bay.

Other intensive training was done in the campus' Reed Center classroom. The students give a 20-minute presentation on an environmental problem to the entire SERC staff, training committee, and answered questions about certain natural resource issues.

This training has also been developed to give the teams an opportunity to experience professional opportunities in a variety of disciplines. Students have hands-on opportunities to learn from world-class scientists and resource professionals.

The three days at SERC culminated with a visit to the State House to meet with Craig Zinter and Craig Hartsock, Maryland Envirothon co-chairs, and a three-hour dinner cruise aboard the state yacht, *Independence*, with the teams' chaperones, trainers and SERC scientists.

"The Maryland Department of the Environment congratulates our students at every level of the Envirothon," said Acting MDE Secretary Merrylin Zaw-Mon. "They're all winners! Not because of county or state competition or even their participation at the international level, but because they're committed to our environment. And they are winners because they care enough to learn."

For more information about the Maryland Envirothon or the Canon International Envirothon visit the MDE website at www.mde.state.md.us or the International Envirothon website at www.envirothon.org.

Coalition takes 'Smart Step Forward' for walking

By Jim Wilkinson

There is a growing concern by public health officials both in Maryland and nationwide about increases in obesity and sedentary lifestyles. People spend a great deal of time in their automobiles, not only during commutes to jobs, but for most short trips as well.

"The opportunities to walk, or even bike, to complete an errand or get exercise have been diminished because of the ways in which communities are designed," said Robert Maddox of the Maryland Department of the Environment's (MDE) Air and Radiation Management Administration. "Examples of poor design decisions that prohibit walking are enclaves of houses isolated by heavily traveled roadways and communities without sidewalks or pathways that connect homes to stores, libraries and schools."

To address these issues, the Governor's Office of Smart Growth sponsored an introductory meeting in May to create a statewide coalition that will implement a campaign to create safe environments for pedestrians in Maryland communities — called the Smart Step Forward Coalition. A variety of groups interested in health, smart growth, and pedestrian issues attended. Attendees were asked to develop proposals to make their communities more "pedestrian friendly" and less car-reliant.

The potential health benefits from creating pedestrian friendly communities are evident — weight loss, cardiovascular improvement, reduced stress and increased muscle tone. Other benefits, however, are those to the environment — reduced tailpipe emissions and fuel consumption.

Representatives from several state agencies, including MDE, the Maryland Departments of Planning, Transportation, Health and Mental Hygiene and the Governor's Office of Smart Growth explained ways in which state agencies can encourage more walking through strategies like grant incentives and "Smart Codes" to help overcome reluctance of lending institutions to fund mixed use development. Other ideas included a surcharge on automobile ads for bicycle and pedestrian promotion, building a constituency for "walkable" neighborhoods, and developing a Safe Routes to School program.

Kevin Murnane, a walking coordinator for North Arundel Hospital, Ron Looper, president of Maryland Volkssport Association, and Michael Flood, a citizen advocate for Safe Routes to School Program focused on the importance of the exercise of walking in reducing cholesterol, lowering blood pressure and general physical fitness. A citizen advocate also spoke about the importance of school design and location so that chil-

See WALK, Page 12



Enforcement & Compliance Notes

-- July 16 to August 15, 2002 --

Air and Radiation Management Administration

Indian Acres – Cecil County – MDE issued a Notice of Assessed Civil Penalty in the amount of \$3,250 to the Indian Acres Campground on July 12 for violating Maryland's open burning regulations and creating a nuisance. The campground was in violation for burning material that did not originate on site, and for burning material such as plastic and rubber that created dense smoke. The campground also created an air pollution nuisance due to smoke from the burning. Indian Acres has paid the assessed penalty and informed MDE that the on-site burn pile has been eliminated. **Status:** Case closed. (Reference #AQCP 02-13A)

Chesapeake Shipbuilding – Wicomico County – MDE issued a Notice of Proposed Civil Penalty in the amount of \$2,500 to Chesapeake Shipbuilding on July 12 for creating an air pollution nuisance. Chesapeake operates a boat repair facility in Salisbury. MDE received a complaint at its Eastern Shore Regional Office that paint over-spray from Chesapeake was falling on neighboring properties. MDE investigated the complaint and determined that Chesapeake was creating an air pollution nuisance. **Status:** Chesapeake has 10 days to request a meeting concerning the proposed penalty. (Reference #AQCP 02-39)

Mirant Mid-Atlantic, Chalk Point Unit #4 – Prince George's County – MDE issued a Notice of Proposed Civil Penalty in the amount of \$50,000 to Mirant on July 23 for violating air emissions limits at its Chalk Point Unit #4 generating station located in Aquasco. Chalk Point Unit #4 is a steam-generating unit that is capable of burning either residual oil or natural gas. The unit failed an emissions test for particulate matter while burning residual oil. Mirant continued to operate the unit while burning residual oil for 28 days until a retest demonstrated compliance. **Status:** Mirant has 10 days to request a meeting concerning the proposed penalty. (Reference #AQCP 02-36)

Schlumberger Malco Plastics, Inc. (Schlumberger) – Baltimore County – MDE issued a Notice of Proposed Civil Penalty in the amount of \$15,500 to Schlumberger on July 24. The company failed to maintain records of maintenance, operator training, fuel usages for each boiler and usage of VOC-containing materials as required in its Title V permit to operate. The violations have since been corrected. **Status:** Schlumberger has

10 days to request a meeting concerning the proposed penalty. (Reference #AQCP 02-05)

Campbell & Nolan Associates, Inc. – Harford County – MDE issued a Complaint and Administrative Penalty for \$6,300 to Campbell & Nolan on July 26, for loss of administrative control of a portable radioactive material gauge in an unrestricted area. Various other security and transportation violations were also addressed in the complaint and the penalty. **Status:** Campbell & Nolan has 30 days to appeal the penalty. (Reference #RHP 02-09)

Phoenix Color Corporation – Washington County – MDE issued a Notice of Proposed Civil Penalty in the amount of \$35,000 to Phoenix Color Corporation on July 30. Phoenix Color operates a lithographic printing facility. The company failed to perform monitoring and record keeping activities required in its Title V permit to operate. The violations have since been corrected. **Status:** Phoenix Color has 10 days to request a meeting concerning the proposed penalty. (Reference #AQCP 02-03)

Tilghman Oil Company – Wicomico County – MDE issued a Notice of Proposed Civil Penalty in the amount of \$2,500 to Tilghman Oil Company on August 15. Tilghman Oil, located in Salisbury, violated Maryland's Stage I Vapor Recovery requirements. An MDE inspector observed one of the company's gasoline delivery trucks delivering gasoline without using a vapor balance line, violating Stage I requirements. **Status:** Tilghman Oil has 10 days to request a meeting concerning the proposed penalty. (Reference #AQCP 02-34)

Baltimore Marine Industries – Baltimore County – MDE issued a Notice of Assessed Civil Penalty in the amount of \$17,000 to Baltimore Marine Industries on Aug. 15. The company failed to perform monitoring and record keeping activities required in its Title V permit to operate. **Status:** Baltimore Marine has 30 days to appeal the assessed penalty. (Reference #AQCP 02-06A)

Carl Belt Inc. – Allegany County – MDE issued a Notice of Assessed Civil Penalty in the amount of \$7,500 to Carl Belt, Inc. on Aug. 15. Carl Belt is a Western Maryland general contractor that violated air quality regulations by conducting open burning without a permit, burning off-site material, and burning refuse by a commercial operation. **Status:** Carl Belt has 30 days to appeal the

assessed penalty. (Reference #AQCP 01-24A)

Waste Management Administration

Alice Joan Hackett – 3 properties – Dorchester County – Alice Joan Hackett was issued a Complaint, Order and \$15,000 Civil Penalty on July 30 for violating Maryland's lead laws. A child under the age of six residing in one of the properties had an elevated blood lead level and the owner failed to obtain full risk reduction certificate(s) of lead inspection compliance. **Status:** Alice Joan Hackett has 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference # 01-09-4247)

Larry D. Martin (T&L Properties I, Inc., T&L Properties III, Inc., T&L Properties VII, Inc., BEM Realty, Inc., and Pam Realty, LLC) 19 properties – Baltimore City – Larry D. Martin (T&L Properties I, Inc., T&L Properties III, Inc., T&L Properties VII, Inc., BEM Realty, Inc., and Pam Realty, LLC) was issued a Complaint, Order and combined \$232,500 Civil Penalty on July 15 for violating Maryland's lead laws by failing to register pre-1950 rental units and failure to obtain full risk reduction certificate(s) of lead inspection compliance. **Status:** Larry D. Martin has 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference #02-30-5276, 02-30-4654, 02-30-4653, 02-30-4961 and 00-30-2358)

Edward E. and Edna E. Watkins – 1 property – Dorchester County – Edward E. Watkins and Edna E. Watkins were issued a Complaint, Order and \$20,000 Civil Penalty on July 19 for violating Maryland's lead laws. **Status:** Edward E. and Edna E. Watkins have 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference #01-09-4535)

Carl W. and Beverly Helmick – 12 properties – Baltimore City – Carl W. and Beverly Helmick were issued a Complaint, Order and \$10,000 Civil Penalty on July 30 for violating Maryland's Lead Laws by failing to register pre-1950 rental units and to obtain risk reduction certificate(s) of lead inspection compliance. **Status:** Carl W. and Beverly Helmick have 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference #01-02-4765)

John E. McKenzie – 2 properties – Allegany County – John E. McKenzie was issued a Complaint, Order and \$5,000 Civil

Penalty on July 30 for violating Maryland's lead laws. **Status:** John E. McKenzie has 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference #02-01-5160)

Water Management Administration

Erachem Comilog, Inc. – Baltimore City – MDE and Erachem Comilog, Inc. ("Erachem") finalized an administrative consent order July 24 regarding improvements to the facility's wastewater treatment system to address effluent toxicity. Under the terms of the consent order, Erachem has agreed to modify its manufacturing process by Dec. 31, 2002 in order to reduce the amount of nitrates by 80 percent and the concentrations of calcium in the wastewater effluent discharged to Curtis Creek. **Status:** Case closed. (Reference #CO-02-0215)

Mark D. Voinche – Dorchester County – MDE filed a civil Complaint for Injunctive Relief in the Circuit Court of Dorchester County on July 16 against defendant Mark D. Voinche, owner of the property located at 2730 Toddville Road, Toddville, Md., for alleged violations of tidal wetlands laws and regulations. The complaint alleges that the defendant illegally constructed a bulkhead within the tidal tributary and illegally filled wetlands on the property without a permit or license issued by MDE or the Army Corps of Engineers. **Status:** Case pending. (Reference #JO-03-0060)

Wayson Landholding Limited Partnership – Calvert County – MDE finalized a settlement agreement with Wayson Landholding Limited Partnership ("Wayson") on July 24 regarding alleged sediment control and sediment pollution violations at the North Calvert Industrial Park Subdivision located at Skinners Turn Road, Owings, Md. during the period July through December 2000. Under the terms of the settlement agreement, Wayson has agreed to pay \$25,000 to the MDE Sediment Fund. **Status:** Case closed. (Reference #PS-02-0101)

Water and Sediment Pollution Penalties – Statewide – During the period July 15, 2002 to Aug. 15, 2002, MDE collected an additional \$11,525 to the Clean Water Fund in settlement of alleged water pollution violations from 12 establishments. MDE also collected an additional \$6,470 in administrative penalties to the Sediment Fund in settlement of alleged sediment and erosion control violations from four facilities.

For the Record

The following is a partial list by county of applications received by MDE and other permitting activity between July 16, 2002 and Aug. 15, 2002. For more information on these permits, please contact MDE's Environmental Permit Service Center at (410) 537-3772.

Allegany

AUTO ILLUSIONS - 820 Lafayette St., Cumberland, MD 21502. (TR7462) An air permit to construct for one paint spray booth

BARTON MINING COMPANY - MOORES RUN - Potomac Hollow Road, North of Moores Run, Barton, MD 21521. (03DP3083) Surface industrial discharge permit

CARL BELT, INC. - Cumberland, MD (03-SP-0602) Permit to surface mine located from Interstate 68 take exit 33 North on Midlothian Road

CARL BELT, INC. - 11521 Milnor Ave., SW, Cumberland, MD 21502. (2003-OPT-6155) Oil operations permit for above ground storage tank and transportation

MT. SAVAGE SPECIALTY REFRACTORIES - 15905 Foundry Row, Mt. Savage, MD 21545. (2003-001-00149) Air quality permit to operate

Anne Arundel

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (02-1127) Sewerage permit to construct a force main along Forest Drive from Green Briar Lane and Hillsmere Drive

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (02-1129) Sewerage permit to expand Annapolis Wastewater Treatment Plant at Edgewood Road and Bay Ridge Road

KOP-FLEX, INC. - 7565 Harmans Road, Hanover, MD 21076. (2002-OPT-6156) Oil operations permit for above ground storage tank and transportation

MACARTHER MIDDLE SCHOOL - 3500 Rickenbach Road, Fort George Meade, MD 20755. (TR7491) An air permit to construct for two boilers >10 MMBtu

NEVAMAR COMPANY, LLC - 8339 Telegraph Road, Odenton, MD 21113. (2003-003-00021) Air quality permit to operate

NORTHEAST HIGH SCHOOL - 1121 Duvall Highway, Pasadena, MD 21122. (TR7481) An air permit to construct for two boilers >10 MMBtu

STERLING COLLISION CENTERS, INC. - 112 Holsum Way, Glen Burnie, MD 21060. (TR7457) An air permit to construct for one paint spray booth & prep deck

TOLSON & ASSOCIATES RUBBLE LANDFILL - Capitol Raceway Road, Crofton, MD 21114. Solid waste rubble landfill permit

Baltimore City

FMC CORPORATION - 1701 East Patapsco Ave., Baltimore, MD 21226. (TR7487) An air permit to construct for one scrubber

GRACE DAVISON - 5500 Chemical Road, Baltimore MD 21226. (TR7456) An air permit to construct for one portable transfer unit w/dust control

GRACE DAVISON - 5500 Chemical Road, Baltimore, MD 21226. (TR7460) An air permit to construct for modification to silica alumina catalyst operation

GRACE DAVISON - CURTIS BAY - 5500 Chemical Road, Baltimore, MD 21226. (00DP0099A) Major surface industrial discharge permit

LEHIGH CEMENT COMPANY - 3100 Mertens Ave., Baltimore, MD 21244. (TR7469) An air permit to construct for one rail car unloading station with baghouse

MARK'S BODY SHOP - 4025 Mortimer Ave., Baltimore, MD 21215. (TR7470) An air permit to construct for one paint spray booth and cut-in spray booth

MAYOR AND COUNCIL OF BALTIMORE CITY - 900 Abel Wolman Municipal Building, Baltimore, MD 21202. (02-1131) Sewerage permit to improve Jones Falls force main and pressure sewers along Broadway median from Oliver to East Chase streets

MAYOR AND COUNCIL OF BALTIMORE CITY - 900 Abel Wolman Municipal Building, Baltimore, MD 21202. (02-1138) Sewerage permit to rehabilitate the Eastern Ave. Wastewater Pumping Station, and force main at Fayette Street near Eden Street

MT. ROYAL PRINTING COMPANY - 6310 Blair Hill Lane, Baltimore, MD 21209. (TR7494) An air permit to construct for one printing press

POSITIVE IMAGE PRINTING - 1001 Rectory Lane, Baltimore, MD 21211. (TR7453) An air permit to construct for three lithography printers

VERIZON MARYLAND, INC. - 1801 East Fayette St., Baltimore, MD 21231. (TR7488) An air permit to construct for one emergency generator

VERIZON MARYLAND, INC. - 3701 Koppers St., Baltimore, MD 21227. (TR7489) An air permit to construct for one emergency generator

Baltimore County

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Ave., Towson, MD 21204. (02-1115) Sewerage permit to construct a force main along MD Route 648 and I-895

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Ave., Towson, MD 21204. (02-1136) Sewerage permit to construct a force main along Galloway Road and Bowleys Quarters Road

GLYNDON TRACE JOINT VENTURE, LLC - 14159 Mariah Court, Chantilly, VA 20151. (02-1122) Sewerage permit to construct a wastewater

pumping station and a force main at Glyndon Drive and MD 140

MIDDLE RIVER AIRCRAFT SYSTEMS, INC. - 103 Chesapeake Park Plaza, Baltimore, MD 21220. (TR7450) An air permit to construct for two boilers >10 MMBtu

SCAGGS, GENA - 2066 Lord Baltimore Drive, Baltimore MD 21244. (02-1115) Sewerage permit to construct a force main along Washington and Lansdowne boulevards.

SWEETHEART CUP COMPANY, INC. - 10100 Reisterstown Road, Owings Mills, MD 21117. (TR7468) An air permit to construct for modification to tub line

WARNER-GRAHAM COMPANY, THE - 160 Church Lane, Cockeysville, MD 21030. (2002-OPT-2738) Oil operations permit for above ground storage tank and transportation

Calvert

CROFTON & KIMBERLY BRISCOE, CV-53 - 1901 Chimney Lane off Mackall Road, St. Leonard, MD 20685. Sewerage sludge application on agricultural land

DAVID & SUSAN COX, CV-54 - 5815 Hal- lowing Pt. Road, Prince Frederick, MD 20678. Sewerage sludge application on agricultural land

JAMES, CASSANDRA, PARRAN & HOLLY BRISCOE, CV-10 - 7210 Parkers Wharf Road, St. Leonard, MD 20685. Sewerage sludge application on agricultural land

JAMES, CASSANDRA BRISCOE, SHANNON BRISCOE CAMPBELL, CV-30 - 7210 Parkers Wharf Road, St. Leonard, MD 20685. Sewerage sludge application on agricultural land

SHANNON, CROFTON & PARRAN BRISCOE, CV-08 - 3055 Cage Road, St. Leonard, MD 20650. Sewerage sludge application on agricultural land

SOLOMONS ISLAND WWTP - 500 Sweetwater Road, Lusby, MD 20657. Sewerage sludge transportation permit

Caroline

DELMARVA CONCRETE, INC. - 2000 Industrial Park, Federalsburg, MD 21632. (TR7466) An air permit to construct for one concrete batch plant

FRED THAWLEY, CR-80 - 11233 Knife Box Road, Denton, MD 21629. Sewerage sludge application on agricultural land

MIKE DAVIDSON SAND & GRAVEL, LLC - Centreville, MD (92-SP-0426-1) Renewal application for a surface mine located MD Rte 287 east for approximately 2 miles

MIKE DAVIDSON SAND & GRAVEL, LLC - Centreville, MD (92-SP-0427-1) Renewal application for a surface mine located MD Rte 287 east for approximately 2 miles

MIKE DAVIDSON SAND & GRAVEL, LLC - Centreville, MD (97-SP-0523) Renewal applica-

tion for a surface mine located MD Rte 287 east for approximately 2 miles

WILSON STEWARD FARM, CR-70 - 12145 Gregg Road, Greensboro, MD 21639. Sewerage sludge application on agricultural land

Carroll

CARROLL COUNTY BOARD OF EDUCATION - 48 Monroe St., Westminster, MD 21157. (02-1117) Water permit to pump water from 2 wells on school grounds, at MD Route 26 and Salem Bottom Road, Westminster

STAMBAUGH'S, INC. - 1 Railroad Ave., Union Bridge, MD 21791. (TR7458) An air permit to construct for one temporary crusher

THOMAS, BENNETT, & HUNTER, INC. - 600 Ridge Road, Westminster, MD 21157. (TR7484) An air permit to construct for one portable concrete batch plant

Cecil

ROCK SPRINGS GENERATION FACILITY - 1423 Rock Springs Road, Rising Sun, MD 21911. (2003-015-00202) Air quality permit to operate

TOWN OF RISING SUN MAYOR AND COUNCIL - One East Main St., Rising Sun, MD 21911. (02-1125) Water permit to construct a well house at Dairy St. and MD Route 274

TOWN OF RISING SUN MAYOR AND COUNCIL - One East Main St., Rising Sun, MD 21911. (02-1140) Water permit to construct a 0.5-MG elevated water tank at Colonial Way

Charles

CHANEY ENTERPRISES - Waldorf, MD (99-SP-0550-A) Modification application for a surface mine located Route 5 to Billingsley Road

GALE-BAILEY ELEMENTARY SCHOOL - 4740 Pisgah-Marbury Road, Marbury, MD 20658. (03DP0742) Groundwater municipal discharge permit

NAVAL SURFACE WARFARE CENTER - INDIAN HEAD - 101 Strauss Ave., Indian Head, MD 20640. (2002A-223) Controlled hazardous substance permit for storage & treatment

NAVAL SURFACE WARFARE CENTER - INDIAN HEAD - 101 Strauss Ave., Indian Head, MD 20640. (03DP2515) Major surface industrial discharge permit

ST. CHARLES COMMUNITY, LLC - 222 Smallwood Village Center, Waldorf, MD 20602. (02-1118) Sewerage permit to construct a wastewater pumping station and a force main at St. Paul's Drive and Piney Church Road

Dorchester

BERNARD J. THIEN - Fishing Creek, MD (03-SP-0601) Original application for a surface mine located Route 50 to Cambridge

Continued on next page

For the Record

CAMBRIDGE WEST, LLC - Shawan Place - Suite 1, Cockeysville, MD 21030. (02-1134) Sewerage permit to construct a wastewater pumping station and a force main along MD Route 343 at Cattail Crossing

THOMAS L. BARNETT - Handley Road, Cambridge, MD 21659. (TR7486) An air permit to construct for one concrete batch plant

Frederick

FREDERICK AVIATION INC. - 330 Aviation Way, Frederick, MD 21701. (2002-OPT-13890) Oil operations permit for above ground storage tank and transportation

FREDERICK COUNTY DEPARTMENT OF PUBLIC WORKS - 118 N. Market St., Frederick, MD 21701. (02-1124) Water permit to construct a water pumping station at Route 40 Alternate and Willow Tree Drive

FREDERICK COUNTY PUBLIC SCHOOLS - 7446 Hayward Road, Frederick, MD 21702. (02-1119) Sewerage permit to construct an interim wastewater pumping station at the Linganore High School

KENNY WILES, FR-121 - 4319-B Lander Road, Jefferson, MD 21755. Sewerage sludge application on agricultural land

LEHIGH PORTLAND CEMENT COMPANY - Woodsboro, MD (77-SP-0060-F) Modification application for a surface mine located State Route 550

MDA - FREDERICK ANIMAL HEALTH LABORATORY - 1840 Rosemont Ave., Frederick, MD 21702. (2003-021-00394) Air quality permit to operate

RICHARD & ELAINE BRANDENBURG, FR 66 - 6725 Picnic Woods Road, Jefferson, MD 21755. Sewerage sludge application on agricultural land

ROUTE 80 LIMITED PARTNERSHIP - 24024 Frederick Road, Clarksburg, MD 20871. (02-1110) Water permit to construct a water pumping station at MD Route 80 and Royal Crest Drive, Urbana

SEXTON FARM, FR-79 - 14127 Frushour Road, Rocky Ridge, MD 21778. Sewerage sludge application on agricultural land

Harford

ARUNDEL CORPORATION, THE - 938 Quarry Road, Havre de Grace, MD 21152-5000. (TR7464) An air permit to construct for Allis-Chalmers tertiary cone crusher

COLLINS & AIKMAN - 1601 Clark Road, P.O. Box 97, Havre deGrace, MD 21078. (TR7459) An air permit to construct for one adhesive spray booth and cure ovens

INDEPENDENCE CONSTRUCTION MATERIALS - 910 Old Philadelphia Road, Aberdeen, MD 21001. (TR7483) An air permit to construct for modify asphalt plant to burn used oil

ONGUARD INDUSTRIES - 1850 Clark Road, Havre de Grace, MD 21078. (TR7485) An air permit to construct for footwear manufacturing plant

T.C. SIMONS INC. - Fallston, MD (77-SP-0127-B) Renewal application for a surface mine located north of I-95 on MD Route 152

W. RICK ARCHER FARM, HF-5 - 1400 Somerville Road, Bel Air, MD 21015. Sewerage sludge application on agricultural land

Kent

DAVID A. BRAMBLE, INC. - MASSEY - 12213 Galena Road, Massey, MD 21650. (2003-OPT-8177) Oil operations permit for above ground storage tank and transportation

Montgomery

DANIEL G. SCHUSTER, L.L.C. - East Gude Drive, Rockville, MD 20850. (TR7475) An air permit to construct for one portable ready mixed concrete plant

MONTGOMERY COUNTY YARD WASTE COMPOSTING FAC. - 21210 Martinsburg Road, Dickerson, MD 20842. (03DP2320) Surface industrial discharge permit

POOLESVILLE GOLF COURSE WWTP - 16601 West Willard Road, P.O. Box 146, Poolesville, MD 20837. (03DP2896) Groundwater municipal discharge permit

Prince George's

AGGREGATE INDUSTRIES - Greenbelt, MD (77-SP-0038-C) Modification application for a surface mine located south on Bevard Road

ENTERPRISE ASSOCIATES, LLC - 95 Kettering Drive, Upper Marlboro, MD 20774. (02-1135) Water permit to lay water mains along Lottsford Road and Old York Road at Canterbury Heights - Pars 3 and 4

FLECK FUNERAL HOME - 7601 Old Sandy Spring Road, Laurel, MD 20707. (2003-033-01359) Air quality permit to operate

GRIMES SYSTEMS CO., INC. - 8005 Reichs Ford Road, Frederick, MD 21704. (TR7467) An air permit to construct for one 160 tph concrete crusher

RITCHIE LAND RECLAMATION LP - 5610 Tilden Road, Bladensburg, MD 20710. (TR7455) An air permit to construct for one temporary crusher

VERIZON MARYLAND, INC. - 1801 McCormick Drive, Largo, MD 20774. (TR7490) An air permit to construct for one emergency generator

Queen Anne's

DAVID A. BRAMBLE, INC. - Chestertown, MD (83-SP-0153-C) Renewal application for a surface mine located Starr Grange Hall Road

St. Mary's

SOUTHSTAR LTD PARTNERSHIP, SM-59 - 24255 Maypole Road, Leonardtown, MD

20660. Sewerage sludge application on marginal land

Talbot

COMMISSIONERS OF ST. MICHAELS - P. O. Box 206, 300 Mill St., St. Michaels, MD 21663. (02-1113) Water permit to rehabilitate water towers at Route 33 and Woodside Ave. (South Tank), and at Route 33 and Perry Cabin Drive (North Tank)

GANNON FAMILY LIMITED PARTNER-SHIP, TA-10 - 9706 Longwoods Road, Easton, MD 21601. Sewerage sludge application on agricultural land

TALBOT COUNTY DEPARTMENT OF PUBLIC WORKS - 605 Port St., Easton, MD 21601. (02-1128) Sewerage permit to upgrade Talbot County Region II Wastewater Treatment Plant at 929 Calvert Ave.

TALBOT COUNTY SANITARY DISTRICT - 605 Port St., Easton, MD 21601. (02-1139) Sewerage permit to construct gravity sewers, a wastewater pumping station and a force main at Chester Park, off MD Route 33

Washington

MARTIN MARIETTA MATERIALS, INC. - 20301 Benevola Church Road, Boonsboro, MD 21713. (TR7461) An air permit to construct for one crusher replacement

SMITH, HILTON - 50 Summit Ave., Hagerstown, MD 21740. (02-1123) Sewerage permit to construct a wastewater pumping station and a force main at south of I-70 and east of MD Route 65

STEVENS FLEXIBLE PACKAGING, INC. - 747 Bowman Ave., Hagerstown, MD 21740-6871. (TR7474) An air permit to construct for one laminator

WASHINGTON COUNTY DEPARTMENT OF WATER AND SEWER - 16232 Elliott Parkway, Williamsport, MD 21795. (02-1137) Sewerage permit to construct a wastewater pumping station and a force main along Garden View Road and Ivy Way at Freedom Hills

WOODMONT QUIK STOP - Western Pike at Woodmont Road, 4000 Western Pike, Hancock, MD 21750. (03DP3420) Surface municipal discharge permit

Wicomico

DAVID W. BENNETT & HOWARD W. BENNETT, JR. - Fruitland, MD (92-SP-0428-A) Renewal to surface mine located south on US Route 13 through Fruitland

THORO-GOOD'S CONCRETE CO., INC. - South Division St., Fruitland, MD. (TR7465) An air permit to construct for one concrete plant

TOWN OF WILLARDS - P. O. Box 98, Willards, MD 21874. (02-1121) Water permit to lay water mains and to construct a water treatment plant on the north side of Popular Neck Road

WICOMICO COUNTY LANDFILL - 6948 Brick Kiln Road, Salisbury, MD 21801. Sewerage

sludge application on agricultural land

Worcester

O. C. COLLISION - 11805 Ocean Gateway, Ocean City, MD 21842. (03DP3419) Groundwater industrial discharge permit

SHOEMAKER, DENNIS L. - 12731 Sunset Ave., Ocean City, MD 21842. (02-1111) Water permit to construct a water treatment plant at north of U.S. 50 and east of MD 707, Herring Creek Professional Center, Ocean City

SOUTH GATE COMMUNITY - Route 589 at Taylorville Lane, Ocean Pines, MD 21811. (03DP3421) Groundwater municipal discharge permit

Out of State

VEPCO - POSSUM POINT POWER STATION - 19000 Possum Point Road, Dumfries, VA 23060. (03DP2991) Surface industrial discharge permit

Issuances

Allegany

CARL BELT, INC. - Cumberland, MD (03-SP-0602) Permit for a surface mine located on the left side of University Drive

COBRA MINING - Barton, MD (SM-01-437) Incidental Boundary Revision

COBRA MINING - Barton, MD (SM-01-437) Incidental Boundary Revision & Increment

LITTLE ORLEANS CAMPGROUND WWTP - 31661 Green Forrest Drive, S.E., Little Orleans, MD 21766. (01SI6219) General permit registration for discharge from general permit for swimming pools and spas

QUARRY RIDGE ASPHALT - New Georges Creek Road, Frostburg, MD 21532. (001-6-0270 N) Air permit to construct for one asphalt plant

Anne Arundel

A-1 PORTABLE TOILET CO., INC. - 783 Annapolis Road, Gambrills, MD 21054. (01DP2454) Groundwater industrial discharge permit

BELLE GROVE ELEMENTARY SCHOOL - 4502 Belle Grove Road, Baltimore, MD 21225. (003-4-0691 & 06912) Air general permit to construct for two Weil-McLain 94 Series 3 boilers

GLORY DAYS GRILL OF PASADENA - 7939 Ritchie Highway, South, Glen Burnie, MD 21061. (003-8-0187) Air general permit to construct for one Magikitch'n CM-RMB-648 charbroiler

Continued on next page

For the Record

HARWOOD LANDFILL, INC.. - Jessup, MD (97-SP-0517-1) Renewal for a surface mine permit located off the north side of Russell Powell Road, 2200 east of Sands Road

HILLSMERE ELEMENTARY SCHOOL - 3052 Arundel on the Bay, Annapolis, MD 21403. (033-4-1693 & 0694) Air general permit to construct for two Weil-McLain 94 Series 3 boilers

LEARNING CENTER - 245 Clay St., Annapolis, MD 21401. (003-4-0689 and 0690) Air general permit to construct for two Weil-McLain 94 Series 3 boilers

MARYLAND ENVIRONMENTAL SERVICE - 4653 Hollins Ferry Road, Halethorpe, MD 21227. (005-6-2715 N) Air permit to construct for one tire recycling system

USG INTERIORS ACCESS FLOOR DIVISION - 786 Elkridge Landing Road, Linthicum, MD 21090. (00DP3165) Surface industrial discharge permit

Baltimore City

A. S. TOURS, INC. - 2400 Sisson St., Baltimore, MD 21211. (97SW1647) General permit registration for stormwater associated with industrial activity

APS EAST COAST TERMINAL, INC. - 1950 Frankfurst Ave., Baltimore, MD 21224. (510-6-2608 N) Air permit to construct for one paint spray booth

ATOTECH USA, INC. - 1900 Chesapeake Ave., Baltimore, MD 21226. (510-7-1663 M, 510-7-1664 M) Air permit to construct for three mixing tanks

BALTIMORE SUN, THE - 501 North Calvert St., Baltimore, MD 21278. (510-0959 thru 0962) Air permit to construct for four emergency generators

BFI - BALTIMORE PROCESSING CENTER - 5800 Chemical Road, Baltimore, MD 21226. (2002-WPF-0032) Solid waste processing facility permit

CARR-LOWREY GLASS - 2201 Kroman St., Baltimore, MD 21230. (510-00285) Air quality permit to operate

EXXON COMPANY, U.S.A. - BOSTON ST. - 3801 Boston St., Baltimore, MD 21224-5714. (2002-ODS-3170) Surface water discharge for oil terminal

FMC CORPORATION - 1701 East Patapsco Ave., Baltimore, MD 21226. (510-7-1153 M) Air permit to construct for one vent system for the 7-Hydroxy manufacturing facility

FMC CORPORATION - 1701 East Patapsco Ave., Baltimore, MD 21226. (510-7-0471 M) Air permit to construct for one vent system for MAC manufacturing facility

FMC CORPORATION - 1701 East Patapsco Ave., Baltimore, MD 21226. (510-7-1143 M) Air permit to construct for modification to Carfentrazone recovery operation

GEO SPECIALTY CHEMICALS - 1920 Benhill Ave., Baltimore, MD 21226. (510-02949) Air quality permit to operate

GEO SPECIALTY CHEMICALS, INC. - 1920 Benhill Ave., Baltimore, MD 21226. (510-7-1679 N) Air permit to construct for one inorganic chemical manufacturing process; two scrubbers

LENMAR, INC. - 4701 O'Donnell St., Baltimore, MD 21224. (510-7-1673 M) Air permit to construct for two 6000-gallon mixing tanks

PETROLEUM FUEL & TERMINAL CO. - CLINTON STREET - 1622 South Clinton St., Baltimore, MD 21224. (2002-ODS-3405) Surface water discharge for oil terminal

PETROLEUM FUEL & TERMINAL COMPANY - 5101 Erdman Ave., Baltimore, MD 21205. (510-9-0888 M) Air permit to construct for carbon adsorption/absorption

RABA KISTNER CONSULTANTS, INC. - 3901 Asiatic Ave., Curtis Bay, MD 21226. (510-9-0963 N) Air permit to construct for one soil remediation system

TNEMEC COMPANY, INC. - 2300 Edgewater Ave., Baltimore, MD 21222. (510-7-0909 M) Air permit to construct for one disperser

TRIGEN-ENERGY BALTIMORE - SARATOGA ST. - 641 West Saratoga St., Baltimore, MD 21201. (00DP3066) Surface industrial discharge permit

Baltimore County

ATLANTIC PHARMACEUTICAL SERVICES, INC. - 11200 Gundry Lane, Owings Mills, MD 21117. (005-02320) Air quality permit to operate

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Ave., Towson, MD 21204. (02-22-1096) Sewerage permit to construct a force at Shapiro Property along Old Court Road, west of Hambleton Court

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Ave., Towson, MD 21204. (02-22-1115) Sewerage permit to construct low pressure sewer along Foerster Avenue, northeast of Annapolis Road (MD-648) and I-895

CROWN MD-006 - 4307 Leeds Ave., Arbutus, MD 21229. (2002-OGR-4961) General permit for treated groundwater from oil contaminated sources

MERRITT PROPERTIES - 2066 Lord Baltimore Drive, Baltimore, MD 21144. (02-23-1095) Sewerage permit to construct a wastewater pumping station at Washington and Lansdowne boulevards

NOXELL CORPORATION - BALTIMORE - 11050 York Road, Hunt Valley, MD 21030. (005-00184) Air quality permit to operate

SIGNODE EASTERN REGION - 4505 North Point Blvd., Baltimore, MD 21219. (00DP0432) Surface industrial discharge permit

SPRING GROVE HOSPITAL CENTER - 55 Wade Ave., Catonsville, MD 21228. (005-00037) Air quality permit to operate

Calvert

CALVERT CLIFFS NUCLEAR POWER PLANT, INC. - 1650 Calvert Cliffs Parkway, NOF-3, Lusby, MD 20657. (2002-OPT-2092) Oil operations permit for above ground storage tank and transportation

CALVERT COUNTY BUREAU OF UTILITIES - 175 Main St., Prince Frederick, MD 20678. (02-22-1072) Sewerage permit to construct a gravity sewer to serve Patuxent Business Park, along MD Route 2 and Route 4 between Sweetwater Lane and Cove Point Road

COVE POINT LNG L.P. - 2100 Cove Point Road, Lusby, MD 20657. (009-9-0032 M) Air permit to construct for PSD/NSR-resumption of liquid natural gas import services

SHOPPES AT APPLE GREEN - 2880 Dunkirk Way, Dunkirk, MD 20754. (02DP3400) Groundwater municipal discharge permit

SOLOMONS ISLAND WWTP - 500 Sweetwater Road, Lusby, MD 20657. (S-02-04-3108-T) Sewage sludge transportation permit

TOWN OF CHESAPEAKE BEACH - P. O. Box 400, Chesapeake Beach, MD 20732. (02-22-1077) Sewerage permit to construct a force main at Richfield Station, between the eastern and western intersections of Cox Road with MD Route 260

Caroline

DELMARVA CONCRETE, INC. - 2000 Industrial Park, Federalsburg, MD 21632. (011-6-0033 N) Air permit to construct for one concrete batch plant

RUTH GEISEL FARM, CR-78 - 26789 Baker Road, Denton, MD 21629. (S-98-05-4430-A3) Sewage sludge application on agricultural land

Carroll

FAYLE LLC - 4219 Manchester, MD 21102. (02-22:23-1039) Sewerage permit to construct a wastewater pumping station and a force main along Fridinger Mill Road, west MD Route 30, Town of Manchester

STAMBAUGH'S, INC. - 1 Railroad Ave., Union Bridge, MD 21791. (013-6-0301 N) Air permit to construct for one temporary crusher

TOWN OF HAMPSTEAD - 1034 South Carroll St., Hampstead, MD 21074. (02-16-1101) Water permit to construct a water treatment facility (Production Well C-2) at Wellesley Court and Shiloh Road

Cecil

AIR PRODUCTS POLYMERS, L.P. - 329 West Main St., Elkton, MD 21921. (015-7-0086M,0087M,0088M,015-9-0104M and 0105M) Air permit to construct for modification to the existing processes

EASTERN SHORE NATURAL GAS - 2001 EXPANSION - Various Locations In Cecil

County, Various, MD 00000. (00HT9432) General permit registration for discharge from hydrostatic testing of gas pipeline

ELKTON STRIPED BASS HATCHERY - Meadow Park East, Delaware Avenue, Elkton, MD 21921. (00DP1626) Surface industrial discharge permit

INDEPENDENCE CONSTRUCTION MATERIALS - ELKTON PLANT - 618 West Pulaski Highway, Elkton, MD 21922. (2002-OPT-5675) Oil operations permit for above ground storage tank and transportation

YORK BUILDING PRODUCTS COMPANY, INC. - Perryville, MD (02-SP-0596I) Permit to surface mine located north of Route 275

Charles

BENSVILLE WATER CONSORTION - 1568 Spring Hill Road - Suite 401, McLean, VA 22102. (02-12-1087) Water permit to lay a water line along MD Route 229, Eutaw Forest Subdivision

CHARLES COUNTY MUNICIPAL SEPARATE STORM SEWER - County-Wide, County-Wide, MD. (01DP3322) NPDES Municipal Storm Sewer Permits

HOWLIN CONCRETE, INC. - Dunkirk, MD (91-SP-0375-2) Modification, Transfer and Renewal for a surface mine permit located Route 6 past Gilbert Run

RAYE VEST CORPORATION - 10315 Theodore Green Blvd., White Plains, MD 20695. (2002-OPT-2609) Oil operations permit for above ground storage tank and transportation

ROBERT M./LOUISE R. ABELL PROPERTY,CH-076 - 5215 Abell Lane, Indian Head, MD 20640. (S-02-08-4832-A) Sewage sludge application on agricultural land

Dorchester

HURLOCK WWTP - Jones Village Road, Hurlock, MD 21643. (99DP0645) Major surface municipal discharge permit

Frederick

HIGH'S DAIRY STORE #31 - Route 194 & Coppermine Road, Woodsboro, MD 21798. (021-9-0186) Air general permit to construct for one 13,000 & one 7,000-gallon gasoline underground storage tank

MEDIMMUNE, INC. - 636 Research Drive, -Frederick, MD 21703. (02DP3396) Surface industrial discharge permit

TOWN OF THURMONT - 13420 Moser Road, Thurmont, MD 21788. (02-22:23-1130) Sewerage permit to construct a wastewater pumping station and a force main along Moser Road, I mile from MD Route 806

Garrett

METTIKI COAL, LLC - 293 Table Rock

Continued on next page

For the Record

Road, Oakland, MD 21550. (S-02-11-3065-T) Sewage sludge transportation permit

METTIKI COAL, LLC - Table Rock, MD (DM-84-101) Incidental Boundary Revision

MILLENNIUM RESOURCES, LLC - Swanton, MD (SM-02-441) Insignificant Modification to Permit

TEXAS EASTERN TRANSMISSION, L.P. - 196 Texas Eastern Drive, Accident, MD 21520. (023-9-0026 & -0027 M) Air permit to construct for modification to internal combustion engines

VINDEX ENERGY CORPORATION - Kitzmiller, MD (SM-02-433) Original Permit

Harford

BEL AIR DODGE, INC. - 1612 Belair Road, Fallston, MD 21047. (025-6-0375 N) Air permit to construct for one paint spray booth

CITY OF HAVRE DE GRACE - 711 Pennington Ave., Havre de Grace, MD 21078. (02-22-23-1107) Sewerage permit to construct a wastewater pumping station and a force main along Chapel Road and Robin Hood Road

CONSTAR INTERNATIONAL, INC. - CLARK ROAD - 1801 Clark Road, Havre De Grace, MD 21078. (00DP1132) Surface industrial discharge permit

FRITO-LAY, INC. - 800 Hickory Drive, Aberdeen, MD 21001. (025-00286) Air quality permit to operate

HARFORD COUNTY DEPARTMENT OF PUBLIC WORKS - 101 South Main St., Bel Air, MD 21014. (02-22-1075) Sewerage Permit to construct Edgewood Interceptor along Trimble Road and MD Route 24

HARFORD SANDS - 40 Fort Hoyle Road, Joppa, MD 21085. (025-00077) Air quality permit to operate

LOONEY'S PUB - 312 South Main St., Bel Air, MD 21014. (025-8-0058) Air general permit to construct for one TEC Searmaster IR 2003-S charbroiler

THE ARENA CLUB - 2304 Churchville Road, Lot 2, Churchville, MD 21028. (02DP3414) Groundwater municipal discharge permit

Howard

HOWARD COUNTY D.P.W. - SCAGGSVILLE PUB. SAFETY COM - 11226 Route 216, Laurel, MD 20724. (97DP2753) Groundwater industrial discharge permit

RIVER HILL CLEANERS - 6030 Daybreak Circle, Clarksville, MD 21029. (027-6-0358) Air general permit to construct for one Ilsa 9997E8570 dry cleaning machine

Montgomery

CRESCENT PLAZA APARTMENTS - 7111 Woodmont Ave., Bethesda, MD 20814. (01DP3379) Surface industrial discharge permit

F.O. DAY BITUMINOUS CO. - 13900 Piney Meeting House Road, Rockville, MD 20850. (15-6-0534 M) Air permit to construct for modification to plant-gas to oil fuel

HUMAN GENOME SCIENCES, INC. - 14200 Shady Grove Road, Rockville, MD 20850. (031-5-1267, 5-1268, & 5-1269 N) Air permit to construct for three natural gas-fired boilers >10 MMBtu

TERRABROOK - CLARKSBURG LC - 1 Piedmont Road, Clarksburg, MD 20871. (02-12-1007) Water permit to lay water mains along Clarksburg Road, north of MD Route 355

Prince George's

CLINTON AUTO BODY - 7492 Old Alexandria Ferry Road, Clinton, MD 20735. (033-6-1153 N) Air permit to construct for one paint spray booth

CROWN MD-114 - 4801 Annapolis Road, Bladenburg, MD 20710. (2003-OGR-4964) General permit for treated groundwater from oil contaminated sources

CROWN MD-125 - 5231 Indian Head Highway, Oxon Hill, MD 20745. (2003-OGR-4963) General permit for treated groundwater from oil contaminated sources

DANIEL G. SCHUSTER, INC. - 5851 Ammendale Road, Beltsville, MD 20705. (033-6-1152 N) Air permit to construct for one portable concrete plant

NATIONAL ARCHIVES - 8601 Adelphia Road, College Park, MD 20740. (033-9-1126 N) Air permit to construct for one emergency generator

ROZ'S PLACE - 7612 Mowatt Lane, College Park, MD 20740. (033-8-0239) Air general permit to construct for one Garland GXR36 charbroiler

UNIVERSITY OF MARYLAND-COLLEGE PARK - Greenhouse Project, College Park, MD 20742. (033-5-1032, 5-1033 N) Air general permit to construct for two boilers <10 MMBtu

UNIVERSITY OF MARYLAND-COLLEGE PARK - Stamp Student Union Building # 163, College Park, MD 20742. (033-5-1029, 5-1030, & 5-1031 N) Air general permit to construct for three boilers <10 MMBtu

WMATA - METRO LARGO EXTENSION, ADDISON ROAD - 9301 Largo Drive West, Largo, MD 20774. (97SW1642) General permit registration for stormwater associated with industrial activity

Queen Anne's

CROWN STATION MD-134 - 400 Thompson Creek Road, Stevensville, MD 21666. (2003-OGR-4962) General permit for treated groundwater from oil contaminated sources

TIDEWATER PUBLISHING CORPORATION - 300 Tidewater Drive, US Route 301 at Maryland Route 304, Centreville, MD 21617. (035-00020) Air quality permit to operate

St. Mary's

C. A. BEAN - HOWLIN INDUSTRIAL PARK - Route 5 - Howlin Industrial Park, Mechanicsville, MD 20659. (97SW1651) General permit registration for stormwater associated with industrial activity

JAMES A. GATTON-GATTON FARM, SM-23 - 17537 St. Jerome's Neck Road, Dameron, MD 20608. (S-02-18-4299-A) Sewage sludge application on agricultural land

RONALD E. BUCKLER - SWAREY PIT - 36906 Millwood Lane, Mechanicsville, MD 20659. (S-02-18-4873-M) Sewage sludge application on marginal land

Talbot

EASTON UTILITIES - AIRPORT PARK - Airport Park, Easton, MD 21601. (041-00069) Air quality permit to operate

EASTON WWTP - 30770 North Dover Road, Easton, MD 21601. (00DP0579) Major surface municipal discharge permit

JENSEN'S HYDE PARK WWTP - Cordova Road At Park Lane, Easton, MD 21601. (97DP1474A) Groundwater municipal discharge permit

Washington

DMC THE ELECTRONICS RECYCLING COMPANY - 11710 Hopewell Road, Hagerstown, MD 21740. (043-6-0581 N) Air permit to construct for one shredder

H.B. MELLOTT ESTATE, INC. - Warfordsburg, PA (77-SP-0042-G) Modification for a surface mine permit located on Route 66, 3,000 feet northeast of I-70

MACK TRUCKS - 13302 Pennsylvania Ave., Hagerstown, MD 21742. (00DP0390) Groundwater industrial discharge permit

ST. LAWRENCE CEMENT COMPANY, LLC - 1260 Security Road, Hagerstown, MD 21742. (2002-OPT-3258) Oil operations permit for above ground storage tank and transportation

SUN CHEMICAL CORPORATION - 10319 Grumbacker Lane, Williamsport, MD 21795. (043-00171) Air quality permit to operate

Wicomico

JAMES B. HOBBS - Fruitland, MD (77-SP-0067-A) Modification for a surface mine permit located on right side of Slab Bridge Road

MARGARET M. RIDER FARM - 12500 Sharptown Road, Sharptown, MD 21837. (S-02-22-4908-A) Sewage sludge application on agricultural land

Worcester

CITY OF POCOMOKE - Clark Ave. and

Vine Street, Pocomoke, MD 21851. (02-25-1120) Sewerage permit to construct the City of Pocomoke Wastewater Treatment Plant with biological nitrogen removal process, south of the intersection of Pocomoke Beltway and Dun Swamp Road

KELLY FOODS CORPORATION - 10313 Old Ocean City Blvd., Berlin, MD 21811. (01DP0266) Surface industrial discharge permit

OCEAN CITY COLLISION SPECIALIST - 11805 Ocean Gateway, Ocean City, MD 21842. (047-6-0037-N) Air permit to construct for one paint spray booth

OCEAN PINES MARINA - 1 Mumford's Landing Road, Ocean Pines, MD 21811. (2003-OPT-13710) Oil operations permit for above ground storage tank and transportation

RIDDLE FARM WWTP - Grays Corner Road at Winchester Lane, Route 50, Berlin, MD 21811. (01DP2710A) Groundwater municipal discharge permit

THE LANDINGS SEWAGE TREATMENT FACILITY - Route 611, 9000 Stephen Decatur Highway, Berlin, MD 21811. (97DP0121A) Groundwater municipal discharge permit

TYNDALL FARMS, WO-4 - 7604 Queponco Road, Newark, MD 21841. (S-02-23-4837-A) Sewage sludge application on agricultural land

Out Of State

AMERICAN ROAD LINES INC. - 246 Moon Clinton Road, Corapolis, PA 15108. (2003-OPV-13848) Oil operations permit for transportation

TERRACE TRANSPORTATION - 3249 Richmond Terrace, Staten Island, NY 10303. (2003-OPV-13824) Oil operations permit for transportation

Not listed here are approximately 99 registrations issued under the department's new general discharge permit for swimming pools and spas.

Businesses for Bay awardees sought

The *Businesses for the Bay* Excellence Awards recognize participants for their outstanding work in implementing pollution prevention projects or programs to help protect the Chesapeake Bay and its rivers. To be eligible, facilities must be a *Businesses for the Bay* participant. Joining the program is free and easy to do. Simply go to www.b4bay.org and sign up online, or call *Businesses for the Bay* Coordinator Mary Lynn Wilhere at (800) 968-7229, ext. 719, or MDE P2 Coordinator Laura Armstrong at (410) 631-4119 to ask for a brochure and awards application.

\$4.3B needed to upgrade sewerage systems

By George Keller and Marya Levelev

For many years, Maryland and its local governments have provided wastewater treatment facilities and collection systems to communities throughout the state.

Since its inception in March 2001, Gov. Parris Glendening's Task Force on Upgrading Sewerage Systems has worked to identify the costs of upgrading aging sewerage systems, of separating combined sewerage systems, and of installing additional nutrient removal technology at wastewater treatment plants.

"Today, 1.7 million households or 84 percent of the state's population are served by community wastewater collection and treatment facilities," said Virginia Kearney, deputy director of the Maryland Department of the Environment's (MDE) Water Management Administration. "However, many of Maryland's sewerage systems have problems, such as combined sewer overflows (CSOs) or sanitary sewer overflows (SSOs). Overflows from these outdated sewerage systems have discharged millions of gallons of raw or partially treated sewage into Maryland waters, creating public health hazards as well as impairing the vitality of the Bay."

To meet the goals of the Chesapeake 2000 Agreement, concentrations of nitrogen in the effluent from the state's largest wastewater treatment plants must be reduced. Biological Nutrient Removal (BNR), which has been the cornerstone of the Chesapeake Bay nutrient reduction efforts for point sources since 1984, is a cost-effective way to reduce the amount of nitrogen and phosphorus in wastewater effluent.

Based on 1999 data, Maryland has reduced nitrogen loads from wastewater treatment plants to the Bay by 12.8 million pounds per year.

In addition to contributing excessive nutrients to the Chesapeake Bay, many wastewater systems create serious environmental and public health impacts due to sewage overflows. Sewage overflows can cause fish kills; lead to closure of water bodies to fishing and swimming; and contamination of drinking water sup-

plies.

"Nearly all public sewerage systems in Maryland have experienced sanitary sewer overflows and eight areas in Maryland currently experience CSOs," said MDE Acting Secretary Merylin Zaw-Mon. "In 2000, local governments in Maryland reported a total of 52 million gallons of sanitary sewer overflows and a total of 111 million gallons of combined sewer overflows. MDE has issued consent orders for all eight CSOs and anticipates additional compliance actions for significant SSOs."

The Executive Order establishing the task force recognized that local governments have limited financial resources to support expensive sewerage system upgrades. Therefore, the group was also charged with the mission of identifying the methods by which the state, counties and municipal corporations may fund the necessary sewerage upgrades.

The task force analyzed the EPA National Needs Survey and the Maryland Department of Planning Infrastructure Needs Survey and determined that Maryland needs \$4.3 billion to upgrade its sewerage systems. If this total cost is spread over 20 years at an inflation rate of 3 percent, the annual need is \$289 million.

The task force also developed several key recommendations, including: increasing the Water Quality Revolving Loan Fund from \$60 million to \$160 million; extending wastewater loan terms from a maximum of 20 years to 30 years; allowing loan forgiveness based on economic need; seeking a \$20 million increase in the federal funding used to capitalize the Revolving Loan Fund; utilizing innovative financing techniques; and creating an interagency committee to provide technical and financial management assistance to local governments.

"Some of these recommendations will require changes to state and federal laws," Kearney said. "The Maryland General Assembly is taking note of what it needed for the state to be successful. Hopefully, we won't have to wait long to see the results."

Attend 'Building Greener, Building Better' conference

Join leaders in green building construction, design and development at the Mid-Atlantic "Building Greener, Building Better" Conference, Sept. 17 & 18 at the Baltimore Maritime Institute in Linthicum.

The purpose of the "Building Greener, Building Better" Conference is to demonstrate how to build, market and finance green building projects in the Mid-Atlantic Region. Experts will use actual case studies to highlight the techniques used and incentives available for both residential and commer-

cial development communities. The conference's "how-to" information will be specific to the market, climate and customs of the Mid-Atlantic Region. Exhibits and poster sessions will feature products, services, and latest design and construction techniques.

For information on the conference, registration forms, exhibitor packets and sponsorship opportunities, please contact Sean McGuire at 410.260.8727 or visit the website at: www.dnr.state.md.us/smartgrowth/greenbuilding.

WALK Continued from Page 6

dren have an opportunity to walk to school.

Other ideas to promote walking included increasing awareness through education, building a walking constituency, a tie-in with Clean Commute month, searching for funding sources and addressing property owner concerns about liability for sidewalks.

A steering committee is pursuing three objectives: Conduct outreach to a variety of audiences to encourage walking and help design more walkable communities;

develop a safe walking toolkit for local communities; and act as an advisory board to review Maryland's bicycle, pedestrian and Smart Growth plans. The advisory board will also promote the formation of regional walking committees.

"Staff from MDE's Air Quality Planning Program will follow the Smart Step Forward Coalition's activities because encouraging walking and other ways of making short trips without driving will help lower vehicle emissions leading to cleaner air," Maddox said.

AIR Continued from Page 5

Angelo Bianca. "If MDE receives full approval of its Part 70 program prior to December, the draft permits will be issued as Part 70 permits rather than Part 71. The Part 71 applications will suffice as Part 70 applications so that companies will not have to submit additional permit

applications."

For more information about Maryland's Part 70 permit program or to get updates on the status of EPA actions to approve the program, contact Dave Mummert or Shannon Heafey at (410) 537-3230, or visit MDE's website at: www.mde.state.md.us.

Public Hearings and Meetings

Water Management Administration

Sept. 5 — 11 a.m.

Ocean Pines Library, 11107 Cathell Road, Berlin.

Public meeting for Tidal Wetlands Permit No. 02-WL-1807/200264063 for Captiva Bay LLC to improve access to navigation and improve water quality. Project is located on the Assawoman Bay. For more information call Joseph Kincaid, (410) 901-4044.

Waste Management Administration

Sept. 23 — 6 p.m.

Harford County Library (Edgewood Branch), 2205 Hanson Road, Edgewood.

Informational meeting followed by a public hearing on a tentative determination to issue a State Refuse Disposal Permit to the Northeast Maryland Waste Disposal Authority. This is to operate the Harford Waste-to-Energy Facility in Joppa. For more

information call Gail Castleman, (410) 631-3314, or Andy Moghadam, (410) 631-3375

Waste Management Administration

Sept. 24 — 7 p.m. informational meeting, 7:30 p.m. public hearing

Chestertown Middle School, Cafeteria, 402 E. Campus Ave., Chestertown.

First of two informational meetings and public hearings to receive comment on MDE's tentative determination to issue a modification to APG's CHS Permit A-190. This modification will allow APG to operate the Aberdeen Chemical Agent Disposal facility that will be used to destroy the stockpile of mustard agent stored at APG. For more information call Ed Hammerberg, (410) 631-3345, or Gail Castleman, (410) 631-3314

Coordinating Offices

Sept. 25 — 9 a.m.

Environmental Justice Committee Meeting, Maryland Department of the Environment, 1800 Washington Boulevard, Aeris Room, Baltimore. For more information call Andrew Sawyers, (410) 537-3411.

Waste Management Administration

Sept. 26 — 7 p.m. informational meeting, 7:30 p.m. public hearing

Harford County Library, (Joppatowne Branch), 655 Towne Center Drive, Joppa

Second of two informational meetings and public hearings to receive comment on MDE's tentative determination to issue a modification to APG's CHS Permit A-190. This modification will allow APG to operate the Aberdeen Chemical Agent Disposal facility that will be used to destroy the stockpile of mustard agent stored at APG

For more information call Ed Hammerberg, (410) 631-3345, or Gail Castleman, (410) 631-3314

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