

MDE Environment

Maryland Department of the Environment

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Station benefits from mixing sunlight, fuel

By Kelly A. Mecum

At first glance, Bobby Fletcher's Amoco service station in Olney, Montgomery County, doesn't look much different from any other service station in town. But, if you look skyward, you'll notice something that makes his station quite unique. Perched on top of the canopy above the gas pumps



An aerial view of Fletcher's Amoco in Olney exposes its solar panel pilot project.

are devices that help him save money, generate electricity and protect the environ-

ment. What are they?...solar panels.

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Learning renewable energy's ABCs

By Jeannie Haddaway

This article is Part I of a two part series.

Have you ever wondered where your electricity comes from? Maryland produces most of its electricity with coal-fired power plants. Although there are few coal reserves in Maryland, proximity to the Appalachian coal basin in West Virginia and Pennsylvania make coal readily available for electricity production. Natural gas, pe-

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Nielsens take trust's top award

By Richard McIntire

Some of the state's most prestigious environmental awards were handed out in recent weeks. During the 4th annual meeting of Maryland's Tributary Teams Jan. 22, accolades were given to citizens, organizations and businesses for their significant contributions in restoring the Chesapeake Bay and its tributaries.

Former Maryland Gov. Harry R. Hughes presented the Chesapeake Bay Trust's annual Ellen Fraitess-Wagner Award for exceptional environmental protection achievement. The award was given to Pat and Ed Nielsen of Centreville. The Nielsens founded the Chester River Association and have actively supported land preservation and watershed protection efforts on the Eastern Shore.

In accepting the award Ed Nieslen said,

"The tributary teams are one of the great steps forward in bringing the Bay's restoration to the community level, and that's where the battle will be won or lost."

The Chesapeake Bay Trust is a non-profit organization that provides financial support grants to civic and community organizations, schools and volunteer groups for Chesapeake Bay restoration and education projects in Maryland. Ellen Fraitess-Wagner was the impetus behind the formation of the trust, which began in 1985. To date, the trust has awarded more than 3,500 grants totaling more than \$5 million.

The trust raises financial support from the sale of *Treasure the Chesapeake* commemorative Bay license plates, contributions via the line 40 tax checkoff on the Maryland State Income Tax form, and private donations.

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Above are the Chesapeake Bay Trust's 2000 Ellen Fraitess-Wagner Award recipients Pat and Ed Nielsen with former Gov. Harry Hughes, left.

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MDEnvironment



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Contributing Writers:

Jeannie Haddaway, ARMA

John D. Porcari, MDOT

Bonnie Besche, ARMA John Mitchell, OS

Pat Coll, AESA Kelly Mecum, CBP

Joan Weber, WAS Bob Maddox, ARMA

Tom French & Gwen Goode, AESA

For the Record Section Meetings and Hearings Calendar

Joane Mueller, Production Coord.

Contributors:

Gail Castleman, WAS Ta-shon Yu, WMA

Lorrie Del Pizzo, TARSA Jim Metz, WAS

Bob Maddox, ARMA

Sheila Franklin, WMA

Rick Trickett, WMA Jeanette Wolfe, ARMA

Melody Thrower, WMA

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

Send comments or inquiries to:

MDEnvironment

Richard J. McIntire, Managing Editor

2500 Broening Highway

Baltimore MD 21224

rmcintire@mde.state.md.us

(410) 631-3012

Land, transportation coordination must improve

By John D. Porcari

This is part of an occasional series of articles from the Maryland Department of Transportation, on its efforts to protect the environment.

Better coordination of land-use and transportation.

That's a central theme in the on-going public debate about how to address congestion, air pollution, suburban sprawl and economic development.

While it's also been a priority of Gov. Parris N. Glendening's Smart Growth and Neighborhood Conservation program, more work is being done in Maryland to consider how our transportation infrastructure investments in Maryland affect growth.

Hundreds gathered in December at the Smart Growth/Smart Transportation Conference to learn more about Smart Transportation and brainstorm on ways for the state and local governments to better work together to achieve it. Sponsored by the Maryland Department of Transportation, the Maryland State Highway Administration and the Maryland Office of Planning, the conference brought together state planners implementing Smart Growth, local land-use and transportation planners, public-works leaders and environmental group representatives.

"Transportation projects are major state investments that can become the catalyst for economic development and neighborhood revitalization," Governor Glendening said, in his keynote address during the conference. "Or – as in the past – they can divide neighborhoods and accelerate the decline of our downtowns and older communities. We

must work together and more aggressively to use transportation resources and projects to stabilize and improve the quality of life in our established areas. That is what Smart Growth and Smart Transportation are all about."

Smart Growth calls for counties to define Priority Funding Areas, where the state will concentrate infrastructure in-

Growth has overshadowed what it will fund.

It is important to note that Smart growth does not mean no growth. We will actually see an increased level of funding for transportation projects – just redirected.

Now that counties and municipalities have defined Priority Funding Areas, we thought the conference participants could help us examine Smart Growth issues extending beyond PFAs, influencing transportation program decisions and environmental resource protection.

During the conference, participants broke out into groups for discussions. Topics included:

- Programs to promote transit usage under Smart Growth principals.
- Coordinating land use and transportation planning decision making
- Pedestrian and bicycle issues and Smart Growth
- Relationships between Adequate Public Facilities and Smart Growth
- MDOT Neighborhood Conservation Programs
- Eligibility issues for State Highway projects

Ideas coming out of these brainstorming sessions are being compiled and will be distributed back to the participants. A list of follow through items will be forwarded for action to our internal Smart Growth work groups, then on to the Governor's Smart Growth sub-cabinet.

John D. Porcari is Secretary of Maryland's Department of Transportation.



Porcari

investments. By focusing public investments, neighborhoods are revitalized, while projects that encourage sprawl are avoided.

The same principle of using the State's budget to direct growth applies to our transportation budget, the Consolidated Transportation Program. We are a tool for Smart Growth. Unfortunately, I feel what the State will not fund under Smart

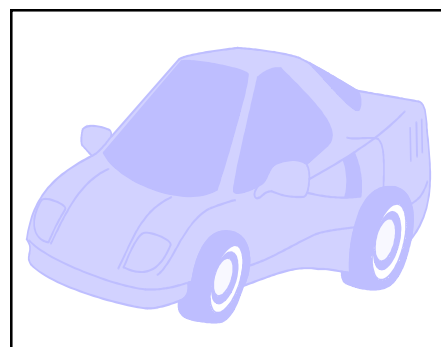
Annual U.S. electric car contest comes to Maryland

Thousands will have the chance to see the latest electric and hybrid-electric vehicles being offered for sale by major auto manufacturers, futuristic car prototypes and dozens of one-of-a-kind student built vehicles as the 12th Annual U.S. Electric Vehicle Championship rolls into the Free State in May.

The event is organized by the Northeast Sustainable Energy Association (NESEA) and co-sponsored by the U.S. Department of Energy. The Tour de Sol, as the event is known, begins May 12 in New York City and is scheduled for stops in Chesapeake City (Cecil County) and Sandy Point State Park just east of Annapolis on May 17. Chesapeake City will be the site of the range portion of the competition while Sandy Point will host the autocross.

"This will be a watershed event for us," said NESEA's Nancy Hazard. "For the first time we will be able to exhibit hybrid electric vehicles that will be in sales rooms na-

tionwide, in addition to other vehicles built by major auto and student teams including a fuel cell vehicle. When in regular use, these ultra-low emission vehicles will



greatly improve air quality in the mid-Atlantic states and reduce greenhouse gas emissions."

Maryland's Department of the Environment and the Maryland Energy Adminis-

tration are sponsors during the tour's Maryland stopovers. MDE staff set up a variety of educational exhibits on air and water quality and watershed protection. A professional development workshop for educators entitled "Getting Around with Gasoline" will also be held to help promote the event in the state. The public and school groups are encouraged to attend these free events. Scholarships are available to schools who may want to attend. For more information on that call (410) 631-3172.

Volunteers are needed to work with NESEA to spread the word and make the event a valuable resource for the community. NESEA is the nation's leading regional association involved in promoting awareness, understanding and development of non-polluting, renewable energy sources. For more information, call (413) 774-6051 ext. 18 or try NESEA's website at: www.nesea.org

Tributary teams help chart state's environmental course

By Richard McIntire

More than 200 citizens, volunteers, local and state officials joined members of Gov. Parris N. Glendening's Bay Cabinet Jan. 22 for a day-long summit on ways to address watershed issues and plan future goals to restore Maryland's rivers, that will ensure a healthier Chesapeake Bay. The event was the Maryland Tributary Teams' 4th Annual Meeting, held at the Maritime Institute in Linthicum.

Sessions throughout the day ranged from renewal of the Chesapeake Bay Agreement, the effect of growth on water quality, increasing minority involvement in watershed issues to diagnosing the health of Maryland's streams.

In 1995, Governor Glendening appointed members to 10 tributary teams, comprised of interested citizens, business people, farmers, educators, local governments and environmental leaders, to coordinate local efforts to help restore the Chesapeake Bay and its tributaries.

"The work and achievements of the Maryland Tributary Team members, in crafting policy recommendations, conducting research and education, and helping restore local watersheds, is a model for those who seek to make a difference in ensuring clean water and a

healthy Chesapeake Bay," Gov. Glendening wrote in a letter to team members.

Maryland Department of Natural Resources Secretary Sarah Taylor-Rogers, Ph.D., chair of the Bay Cabinet, opened the meeting. She said the teams' work is clearly reflected in the governor's 2000 legislative agenda.

For example, the proposed requirement that homeowners install nitrogen removing septic systems, in particular areas, and tax credits for homeowners who invest in pollution reducing septic systems were recommendations of the tributary teams. The governor's commitment to \$25 million for oyster population restoration and additional funding for mass transit are other tributary team supported issues.

"The tributary team members are the essential link between local citizens and our efforts to restore the health of the Bay and its tributaries," Taylor-Rogers told meeting delegates. "I speak for myself and the rest of the Bay Cabinet when I say I am

grateful that you are here. You have helped us keep focused on important issues, move difficult issues forward, and bring solutions to problems."

Maryland's air pollution and its relation to Bay pollutants was the focus of the session named, "It's in the Air." In some areas, nutrient deposition from the atmosphere accounts for 27 percent of total nutrient loads. As part of the discussion, Diane Franks, of MDE's Air Quality Planning Program, addressed global warming and greenhouse gases. Franks said studies have found that over time, Maryland's temperature has risen 2.5 degrees along with an increase in precipitation. Continued increases may lead to higher heat related deaths and ozone concentrations. Ozone equals smog.

The potential impacts of greenhouse gases and global warming in Maryland, she said, include sea level rise, property damage as a result of rising sea level, and drinking water contamination, particularly in low-lying areas. At the present time, Blackwater Wildlife Refuge in Dorchester County is threatened by this phenomena. Blackwater could disappear in the next 30 years due to these impacts.

"Most scientists agree that action would be prudent now, but are not sure what actions are prudent to take," Franks said. Maryland, and most states, have begun to study greenhouse gases and climate change issues. A Maryland study in 1990 found that 107 million tons of man-made greenhouse gases are produced in the state. Fossil fuel consumption accounted for 66 percent of that amount while 30 percent was the result of production/industry processes. Carbon dioxide made up the majority of the greenhouse gases in Maryland and in national studies, which is why most regulatory actions have focused on that pollutant. The reduction of other ground level ozone components, like nitrogen oxide, are also being examined. Recent evaluations have called for a stricter look at reducing diesel and aircraft emissions to better factor in their impact on air pollution.

In a session entitled, "Fishing for Community Involvement," participants learned about strategies that can

Maryland's Tributary Teams are working to make a difference in neighborhoods, cities and towns across the state, a difference that will result in cleaner, healthier tributaries and Chesapeake Bay. These teams are laying the groundwork to ensure clean water and healthy rivers for future generations.



Above is an overturned tanker truck containing a combustible resin that tipped over on MD Route 404 in Denton on Dec. 29. This accident led to another that resulted in a death.

Emergency response calls

The following were noted Maryland Department of the Environment Emergency Spill Response Team calls during January 2000.

1/4 – 4:00 p.m.—Overturned tanker on Rt. 108, Sandy Spring, Montgomery County. No leak, tanker successfully off-loaded.

1/12 – 10:45 a.m.—Sewage and ink release from a fixed facility at Sweetheart Cup Corporation, Garrison section of Baltimore County. Responded and incident referred to Water Management Administration.

- Propane cannons sent to Virginia to keep wildlife out of ongoing spill in wetlands in that state.

- 5:35 a.m.—Transportation incident at the Maryland House in Harford County, assisted Harford

County Fire Department.

1/13 – 3:30 p.m.—Responded to Washington County Technical High School in Hagerstown for a mercury release. Mercury vacuum used to clean up spill.

1/14 – Transportation incident I-95 Harford County, assisted Harford County Fire Department.

- 2:45 p.m.—Transportation incident Pulaski Hwy. & I-695, Rosedale, Baltimore County. Truck carrying totes (large plastic containers) containing emulsified petroleum flipped over. Assisted Baltimore County Fire Department.

1/17 – 7:00 a.m.—Transportation incident I-83 Baltimore County. Tractor trailer involved in an accident, load of degreaser shifted and leaked. Assisted Baltimore County Fire Department.

be used to educate and involve various constituencies in watershed-based issues. Tributary Team Coordinator Vince Leggett addressed the challenge of increasing minority participation in such matters. By directly engaging the community through its culture, youth, leadership or individuals, organizations may boost its minority participation in environmental projects. It is crucial to relate the importance of a watershed to a community's overall well-being. Businesses, churches, schools and institutions of higher learning should be part of any successful outreach effort, the session's panelists added.

Maryland's Bay Cabinet includes secretaries Taylor-Rogers, Henry A. Virts, D.V.M. of the Department of Agriculture, Jane T. Nishida of MDE, and John D. Porcari of the Department of Transportation, Thomas A. Fretz, Ph.D. dean of the University of Maryland College Park's College of Agriculture and Natu-

ral Resources, and Donald F. Boesch, Ph.D., president of the University of Maryland Center of Environmental Science, as well as Ann Swanson, executive director of the Chesapeake Bay Commission.

Maryland's Tributary Teams are working to make a difference in neighborhoods, cities and towns across the state, a difference that will result in cleaner, healthier tributaries and the Chesapeake Bay.

Maryland's Tributary Teams meet regularly in each of the Bay's 10 major tributaries to help implement pollution prevention measures needed to address local water quality problems. These teams are laying the groundwork to ensure clean water and healthy rivers for future generations. A major focus of their efforts is controlling nutrient pollution from suburban and urban properties, farm fields and horse pastures, wastewater treatment plants, construction and road building activities.

MDE seeks water pollution control grantees

Even as the legislature takes up issues pertaining to the state's fiscal year 2001 budget, Maryland's Department of the Environment (MDE) is already thinking ahead to fiscal 2002. Early last month, counties, cities and towns should have received a "solicitation letter" and various attachments explaining MDE's grant and loan programs for water pollution control. This packet of information contained a blank "pre-application" to be completed and returned to MDE by the end of February.

Pre-applications received by MDE will be used to rate and rank proposed wastewater, drinking water and non-point source projects according to severity of public health and water quality problems, compli-

ance status, and location within an impaired waterway and other factors. Project schedule and readiness to proceed will also be considered.

Projects will be selected for inclusion in the state's fiscal 2002 capital budget request and in MDE's request for funds from the U.S. Environmental Protection Agency's (EPA) Drinking Water and Water Quality Loan programs. Grant funds approved by the General Assembly will become available to the selected projects effective July 1, 2001. Loan funds from this round of funding become available October 1, 2000. MDE may offer a grant/loan combination to a local government. Projects may also be funded by MDE in

combination with other agencies' support such as the U.S. Department of Agriculture's Rural Utilities Service, EPA, or Community Development Block grants.

All projects must go through the state clearinghouse process, environmental reviews, and be approved by the Board of Public Works. In addition, MDE must review and approve engineering contracts, plans, and specifications and bid packages to ensure compliance with state and federal laws and regulations. Prevailing wage rates may apply to certain state grants, and women/minority business participation goals may apply. All applicable construction and environmental permits must be

See GRANT, Page 5

Public hearings & meetings

Air and Radiation Management Administration

February 15, 2000--6:00 p.m.

Light Street Branch of the Enoch Pratt Free Library, 1251 Light Street, Baltimore

Information meeting regarding an air quality Permit to Construct application submitted by Tate and Lyle North American Sugars to install a 250 MM BTU/hr. rated capacity boiler

Robert Maddox, (410) 631-3260

Technical and Regulatory Services Administration

February 8, 2000--4:00 - 6:00 p.m.

Maryland Department of the Environment, Chesapeake Room, 2500 Broening Highway, Baltimore

Public information meeting concerning the Triennial Review of Water Quality Standards

Rich Eskin, (410) 631-3906

February 11, 2000--10:00 a.m. - 12:00 noon

Maryland National Capital Park and Planning Commission, Auditorium, 8787 Georgia Avenue, Silver Spring

Public information meeting concerning the Triennial Review of Water Quality Standards

Rich Eskin, (410) 631-3906

Water Management Administration

February 2, 2000--8:30 a.m.

Maryland Department of Transportation, 10 Elm Road, 2nd Floor Conference Room, Linthicum

Public meeting of the State Board of Environmental Sanitarians

Patricia Kratochvil, (410) 631-3167

February 2, 2000--6:30 p.m.

Deale Elementary School, 859 Mason Beach Road, Deale

Public information hearing for Water Appropriations Permit Application #AA98G028/1 for Safeway, Inc. to use water for sanitation and a potable supply for a grocery store and shopping center in Anne Arundel County

Mark Filar, (410) 631-3591

February 2, 2000--7:00 p.m.

Kent County Courthouse Hearing Room, 400 High Street, Chestertown

Public information meeting regarding State Discharge Permit Application #97-DP-2562A for Horizon Organic Dairy, Inc. to discharge wastewater from a dairy operation to groundwater via spray irrigation.

Ching-Tzone Tien, (410) 631-3662

February 8, 2000--6:30 p.m.

Charles County Government Building, 200 Baltimore Street, LaPlata

Public information meeting regarding State Discharge Permit Application #00-DP-2211 for Charles County Department of Utilities to discharge treated domestic wastewater from Cobb Island WWTP to groundwater via spray irrigation system

Ching-Tzone Tien, (410) 631-3662

February 8, 2000--7:00 p.m.

Best Western Potomac View, Oxon Hill Road, Oxon Hill

Public hearing regarding Tidal Wetlands Permit Application #00-WP-1058 for the Federal Highway Administration as part of the Woodrow Wilson Bridge replacement to modify associated roadway and interchanges within private wetlands

Philip Mohler, (410) 414-3400

February 10, 2000

11:00 a.m.

Board of County Commissioners, Courthouse, Room 112, Snow Hill

Public hearing regarding Tidal Wetlands Permit application #00-WL-0572 for Elaine and Raymond Nichols to dredge channel

and deposit dredged material at an approved upland disposal site in Berlin

Robert Tabisz, (410) 631-8053

February 15, 2000--7:00 p.m.

Wicomico Library, 122 S. Division Street, Salisbury

Public information meeting regarding State Discharge Permit Application #00-DP-0007 for Beazer East, Inc. to discharge treated contaminated groundwater and stormwater from site of a former wood treating facility near Salisbury

Edwal Stone, (410) 631-3323

February 17, 2000--10:00 a.m.

Back River WWTP, 8201 Eastern Boulevard, Main Office Building, Baltimore

Public meeting of the Board of Waterworks and Waste System Operators

Patricia Kratochvil, (410) 631-3167

February 17, 2000--6:30 p.m.

Calvert County Courthouse, 175 Main Street, Prince Frederick

Public hearing regarding the tentative determination for State Discharge Permit Application #99-DP-3309 for the Calvert County board of Commissioners to discharge treated domestic wastewater from the Prince Frederick WWTP No. 2 to groundwater via spray irrigation system

Ching-Tzone Tien, (410) 631-3662

Waste Management Administration

February 10, 2000--9:00 a.m.

Maryland Department of the Environment, Chesapeake Room, 2500 Broening Highway, Baltimore

Meeting of the Controlled Hazardous Substances Advisory Council

Emmanuel Ofoche, (410) 631-3441

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

Bianca fills deputy's position

By Bonnie Besche

The Air and Radiation Management Administration (ARMA) of Maryland's Department of the Environment welcomes Angelo Bianca as its deputy director.

Bianca is not new to MDE. He has been employed with the state since 1978. He started as a public health engineer in the construction grants program and remained in the program for seven years. Two years later he moved to MDE's Water Management Administration's municipal wastewater compliance program. Three years later he returned to the construction grants program as its manager, where he was involved in the closing of the massive, multi-decade Environmental Protection Agency Construction Grants Program and the initiation of its replacement - the State Revolving Loan Fund Program in 1988.

In 1994, he accepted a position in ARMA as policy coordinator for the compliance and permits programs, eventually leading to his role as deputy director.

He holds a bachelor's of science degree in civil engineering from the University of Maryland-College Park and is recognized as someone in state government who is able to work with employees, the regulated community and the public to accomplish a desired goal.

ENERGY

Continued from Page 1

troleum and nuclear power are also major sources of electricity in Maryland.

But, small amounts of electricity also come from renewable energies. This article will discuss the use of hydropower and biomass as renewable energy sources. It will be followed by a second article on solar, wind and geothermal energy.

What are renewable energies?

Renewable energies are energy resources that are constantly renewed, or that never run out. Examples of renewable energies include hydropower, solar, wind, biomass and geothermal energy. While most renewable energy resources use the same method for producing electricity as conventional electricity, they are generally less polluting and do not require the use of limited natural resources. Most of Maryland's electricity from renewable energies comes from hydropower and biomass.

See POWER, Page 6

Officials undergo waste management training

By Joan Weber

For county recycling coordinators and solid waste managers, the pressure has never been greater to do more with less. They are required to deliver quality programs and plan for the future in the face of uncertainty. These management challenges require well-developed skills in a number of areas, including strategic planning, team building, persuasion and public relations, and information technology.

With these thoughts in mind, Maryland's Department of the Environment (MDE) presented a very successful training program for Maryland's recycling coordinators and solid waste managers, held early last month at the Bon Secours Center in Marriottsville.

The program's keynote speaker, Lanier "Lannie" Hickman, former executive director of the Solid Waste Association of North America (SWANA), launched the training with a look at the changes and challenges facing the solid waste industry.

His presentation was followed by a panel discussion entitled, "What if it Happens Here in Maryland," which focused on unpredictable factors that could occur in Maryland's solid waste and recycling industries. The panel included: Richard Collins, director of MDE's Waste Management Administration; Chaz Miller, acting director of State Programs with Environmental Industry Association; Robin

Davidov, executive director of the Northeast, Maryland Waste Disposal Authority; Jim Litke, recycling coordinator for the Town of Aberdeen, and Dennis Bigley, research and development manager for Prince George's County's Waste Management Division. Each panelist was asked to describe what the largest issue facing waste management and recycling professionals would be in the 21st century. The ensuing discussion ranged from the effects of interstate transportation to volatile markets in recycling commodities.

Over the next two days, participants were given "nuts-and-bolts" training in strategic planning, leadership skills, interdisciplinary team approaches to problem solving, effective presentations, dealing with the press, interacting with legislators and technological approaches to information management in the next century. One of the important course objectives was to implement the recommendations of the Governor's 1998 Solid Waste Management Task Force.

State Sen. Roy Dyson, Del. Bill Bronrott and lobbyist Pamela Metz Kasemeyer provided invaluable insight into the legislative process. Sen. Dyson and Del. Bronrott both indicated that it was their desire to meet with solid waste and recycling professionals in the state. Kasemeyer echoed the sentiment indicating that state legislators are available to meet with constituents



Solid waste managers from around the state speak during a break at the recent MDE training held for them. From left above are: Pamela Metz Kasemeyer, director of the Maryland-Delaware Solid Waste Association, Sen. Roy Dyson, Del. Bill Bronrott, Harvey Gershman, president Gershman, Brickner & Bratton Inc., Bill Schmidt, MDE's eastern regional manager for the Waste Management Administration, and Thomas Parran III, of Calvert County's division of solid waste.

and local government employees to try and be very responsive to requests. Kasemeyer advised the participants that the best time to contact lawmakers is during the legislative interim session (April-December).

Another favorite training dealt with handling the media. Joel McCord, environmental reporter for the *Baltimore Sun*, and Ken Weiss, assistant managing editor for the *Howard County Times* and *Columbia Flyer*, staged mock press briefings. Ed Barks, president of Barks Communications, emphasized honesty when dealing with the press.

"If you're dishonest, you've lost your

credibility," cautioned Barks. Participants found the interactive training to be especially helpful. To many solid waste managers and recycling coordinators, facing the media can be "anxiety-producing, but it becomes less frightening with practice," said Jim Richmond, MDE's Regional Manager for Western Maryland.

Ellen Kobler, a public information specialist in Baltimore County Recycling's Program, said the training "provided a good overview of the whole solid waste industry."

"As we move more and more towards integrated solid waste management, it's important for municipal recycling managers to understand how recycling fits into the big picture," she said.

The Maryland Soft Drink Association provided major funding for the training with additional support provided by the Northeast Maryland Waste Disposal Authority and the American Plastics Council.

MDE planned and implemented the program in conjunction with county representatives.

GRANT

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obtained by the borrower/grantee.

It is imperative that all borrowers and grantees involve MDE and other funding agencies early in the project planning stage to avoid problems related to eligibility, permitting, Smart Growth, and procurement. Failure to do so may jeopardize the ability of the borrower or grantee to be reimbursed by state grant and loan funds for incurred costs.

MDE strives to provide local governments and their engineers with technical and financial assistance. To be most effective in this regard, early coordination is vital to project success.

For more information about MDE's water quality and drinking water financial assistance programs, please call (410) 631-3574 or (410) 631-3767.

New emissions, gasoline standards will help clear the air

By Bob Maddox

Late last month while addressing an audience at Maury Elementary School in Washington, D.C., U.S. President Bill Clinton announced stricter tailpipe standards for motor vehicles, which for the first time include lower emission levels for sport utility vehicles, pickups, and minivans. The new standards also require oil companies to reduce sulfur levels in gasoline to an average of 30 parts per million (ppm).

Vehicle manufacturers have been required for years to produce cars with strict emission standards. Pickups, vans, and sport utility vehicles (light trucks) did not have to meet the same standards and were permitted to emit more pollutants because these vehicles were mainly for commercial and agricultural use. Today, however, half of the new vehicles being sold for passenger use are light trucks. These vehicles pro-

duce three to five times more pollution than the average passenger car. For the first time, cars and light trucks will all be required to meet the same strict emissions standards.

Sulfur, which occurs naturally in petroleum, is a gasoline contaminant that impedes the performance of catalytic converters. These devices are installed on automobile exhaust systems to reduce nitrogen oxides, a pollutant that contributes to the formation of ozone, also called smog. The sulfur in gasoline "poisons" catalytic converters and reduces their efficiency. Gasoline in most of the nation has an average sulfur content of 330 ppm, but some levels are as high as 1,000 ppm. The new standards will require that major refiners reduce sulfur in gasoline beginning by 2004. This will improve the efficiency of the catalytic converters, lessening pollution from gasoline-powered engines.

The petroleum industry and the U.S.

Department of Energy have balked at the president's plan for low-sulfur gasoline, which he proposed last May, citing high costs to refiners and consumers. The U.S. Environmental Protection Agency and state and local clean-air regulators, including Maryland's Department of the Environment, expect the cost of gasoline at the pump to increase only by two or three cents per gallon, and continue to urge the president to stand firm on his plan.

The president made his announcement at an elementary school to emphasize the importance of cleaning the air to protect children. Children, in particular, experience a high incidence of asthma and other respiratory illnesses resulting from pollution caused largely by auto emissions. The tighter emissions standards and reduction of sulfur in gasoline are expected to reduce air pollution from vehicles, thereby improving the health of millions of Americans.



Black history trivia/fact:

Who were the first African-American engineers to receive doctoral degrees?--The first Ph.D.s awarded to African-Americans in engineering were given to Walter Thomas Daniel by Iowa State University in 1941. Daniel was the first African-American engineer licensed in Louisiana. The other doctorate has a local angle. It was awarded in electrical engineering to Percy A. Pierre at Johns Hopkins University in 1967.

Environmental permit center welcomes new leadership

By Richard McIntire

There is a completely new administration heading up the Maryland Department of the Environment's Environmental Permit Service Center (EPSC).

In January, the agency welcomed Tim Ford as the EPSC's new director, and Don Jackson as the center's deputy director.

Both men bring a wide array of experience to their posi-



Ford

tions. Ford has 17 years in the environmental services field. His last seven years were with Browning Ferris Industries (BFI) where most recently he served as the Vice President and General Manager of the firm's Total Waste Management Program for the automotive industry. Prior to that he was District Manager of BFI's Mid-Atlantic Organics Division.

"I believe the EPSC has an opportunity to help enhance



Jackson

Maryland's position as a business friendly state," Ford said. "It's a great opportunity, considering Maryland's high standards for environmental protection, to be able to work at MDE and with industry to help Maryland be a better place to live and work."

Prior to arriving at MDE, Jackson served as principal with Geomatrix, an environmental consulting firm based in Hyattsville. He has also served as a Hazardous Waste Section Chief at Maryland's Department of Natural Resources and sat on the state's Hazardous Waste Facilities Siting Board.

"I am truly looking forward to doing some outreach to businesses, and hopefully helping some relocate into, then stay in Maryland," Jackson said.

MDE's EPSC is the one-stop customer service shop for the state's regulated community. Among the center's activities are assisting shareholders with permitting questions, generating the database for MDE's permit applications, coordinating the state's pollution prevention programs and managing the small business assistance program.

PANELS Continued from Page 1

In cooperation with BP-Amoco and its subsidiary, BP Solarex, Fletcher installed 144 solar panels at his station as part of a pilot project. The project was designed to demonstrate how solar power can be used to generate electricity for commercial businesses and residential buildings. The solar modules at Fletcher's Amoco generate six kilowatts of electricity, which is enough to power some lighting and equipment inside the station's store. Unlike some solar electric applications, this system is connected to the local utility rather than to a storage battery. That means Fletcher can reduce his demand for utility-supplied power. Since installing the panels, he's reduced his demand by 15 percent, which equates to \$75 to \$100 in savings per month.

His efforts are good for the environment, too. By relying on solar power, Fletcher helps to lower demand on the local utility, reducing air emissions and conserving natural resources.

Fletcher is pleased that his station was selected as the site of this pilot project. "It's exciting to be at the cutting edge of something that might be commonplace in the future," said Fletcher. "Solar power enhances the station. It's a great use of the canopy space, which otherwise would be empty. And, if Y2K had turned out to be something more than what it was, it was nice to know that we had an alternative way to generate electricity."

BP-Amoco is excited about the project, too. Dan Larson of BP-Amoco's Community and Public Affairs Department in Towson, said solar electricity helps the company meet its goals, some of which are to:

- Reduce global emissions;
- Reduce emissions from all BP-Amoco operations ten percent by 2010

from a 1990 baseline;

- Increase the use of solar power as a source of energy;
- Develop cleaner fuels, such as low-sulfur premium gasoline, which is already available in several markets throughout the country.

"The company is considering incorporating solar panels into the design of its new stations, and, perhaps later this year, we'll start to see more stations like Fletcher's Amoco," said Larson.

The use of solar power to generate electricity has a very minimal effect on the environment. The solar panels produce no emissions, use no fuel (except sunlight) and are silent. And the manufacture of the panels is also environmentally-friendly. BP Solarex makes extensive use of recycled materials and even uses wastes from other industries as raw materials when making the panels. In addition, the panels are designed to last nearly 30 years.

BP-Amoco's concern for the environment can also be seen in its commitment to *Businesses for the Bay*, the Chesapeake Bay Program's voluntary pollution prevention program for facilities in the Chesapeake Bay watershed.

"*Businesses for the Bay* is the most effective alliance of businesses, individuals and other organizations working toward a common goal: protecting the Chesapeake Bay," said Larson. "BP-Amoco is glad to be a part of such a program."

"BP-Amoco's solar project at Fletcher's Amoco is a great example of how businesses can help to prevent pollution," said Kelly Mecum, coordinator for *Businesses for the Bay*. "Their work to protect the environment should be commended."

For more information about *Businesses for the Bay*, contact Kelly Mecum, *Businesses for the Bay* Coordinator, at 1-800-YOUR BAY, extension 719.

POWER Continued from Page 4

What is hydropower?

Hydropower converts moving water into energy. By collecting water behind a dam, the water level is raised to increase the force with which water can be released. When released, the water travels through a pipe called a penstock and is delivered to a turbine for electricity generation. Although it is non-polluting and inexpensive, hydropower can have significant impacts on the environment. When dams are created in bodies of water, they can destroy natural habitats and interfere with natural processes such as fish migration. Dams also restrict the movement within a body of water, decreasing the amount of oxygen available for species that live in the water. When built over dry land, they can destroy wetlands or fertile areas that could otherwise be used for crops. Dams can also cause severe flooding when there is a break.

What is biomass?

Organic materials, such as sunflowers, corn, trees and grass, can also be used to produce electricity. These natural materials, called biomass, are burned in their natural state or converted into fuels that are burned to produce electricity. The natural materials used for biomass energy can be raised as energy crops, dedicated for that purpose, or can come from agricultural, forestry and natural municipal waste like paper, food and yard scraps. Even burning

logs in a fireplace is considered use of biomass energy.

Why the recent interest in renewable energy?

Renewable energies are not a new concept. In fact, most devices for using renewable energies are based on older concepts. However, the increasing rate of energy consumption and the desire to find less polluting and more diverse ways to produce electricity have created more recent interest.

Finding less polluting ways to produce electricity has become of special interest since many states, including Maryland, are restructuring the electric utility industry.

In the past, government-regulated monopolies have provided electricity for Maryland at rates set by the Public Service Commission. Restructuring the electric utility industry will promote competition among electricity providers and give Maryland consumers a choice in who provides their electricity. This presents an opportunity to increase the use of renewable energies. Increased use will help reduce pollution in the environment and will reduce the use of limited natural resources that will run out one day. Obtaining electricity from renewable energy sources also allows us to diversify our energy supply and increase our energy security.

COME TO THE GUNPOWDER WATERSHED FESTIVAL

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Festival Hotline: 410-448-5106

MDE celebrates Black History Month with lecture series

Every February since the agency's formation, the Black History Month Committee of Maryland's Department of the Environment (MDE) hosts a lunchtime lecture series in celebration of Black History Month.

This year's theme focuses on recalling the past, to prepare for a vibrant, successful future. The series opens today, Feb. 1, with

Rev. Richard Adams, associate minister at Providence Baptist Church in Baltimore and chapter president of the city's Association for the Study of Afro-American Life and History.

On Feb. 4, historian, author and environmental educator Vince Leggett will discuss his research with the "Blacks on the Chesapeake" project. On Feb. 11, Lisa Jones, a regional vice president and financial analyst with Primerica, will speak on building and maintaining personal wealth. A representative from Morgan State University's renowned School of Engineering will address math and science during the series. All lectures are open to the public and will be

held every Friday in February starting at noon in the Chesapeake Conference Room on the second floor of MDE's headquarters, located at 2500 Broening Highway. For complete details and a schedule of speakers, call (410) 631-3898.

Carter G. Woodson, noted scholar and

See HISTORY, Page 12



Enforcement & Compliance Notes

Air and Radiation Management Administration

December 18 – January 21

F.O. Day – Montgomery County

On January 5, 2000, MDE issued an Assessed Administrative Penalty in the amount of \$8,500 to this asphalt paving production facility. MDE is acting in partnership with the Montgomery County Department of Environmental Protection (MCDEP) on this case. Inspectors from the MCDEP cited the company for causing visible emissions (smoke/dust) and odors that were detected in a nearby community. MDE had issued a previous assessed penalty for similar violations. The Company appealed that penalty which is currently pending a hearing.

Status: Pending. The Company has 30 days to pay or appeal the penalty. (Reference # ACP 99-18A)

Phoenix Services – Baltimore City

On January 21, 2000, MDE issued an Assessed Administrative Penalty in the amount of \$38,000 to this medical waste incineration company. Phoenix Services violated various provisions of its operating permit as well as air pollution requirements. In response to a Corrective Order previously issued by MDE, the Company has submitted a Plan for addressing and correcting the violations.

Status: Pending. The Company has 30 days to pay or appeal the penalty. (Reference # ACP 99-03A)

Waste Management Administration

December 17, 1999 – January 14, 2000

Lead Program Enforcement

A total of \$31,730 in fines was assessed to property owners for failure to register their properties in Baltimore City, Baltimore, Dorchester and Cecil Counties.

Duncan Petroleum Corporation of Delaware

On September 22, 1998, MDE issued a Complaint and Order to Duncan Petroleum Corporation located in Delaware for violations of underground oil storage tank regulations at five gasoline stations they owned and/or operated in Maryland. The Complaint and Order assessed civil penalties in the amount of \$51,000. Duncan Petroleum requested a hearing on this matter. On January 6, 2000, the Office of Administrative Hearings issued a decision that MDE had established grounds for the issuance of the order and civil penalty.

Status: Pending. The Company has 21 days to file a written exception with the Secretary of MDE on the decision. (Reference # COV-99-003)

Water Management Administration

December 10, 1999 – January 12, 2000

Castle Ventures, LTD. – Baltimore County

On January 10, 2000, MDE issued an Administrative Complaint, Order and Penalty to Castle

Ventures, LTD. alleging violations of Maryland's water pollution control laws following unlawful discharges of sewage from the Carriage Hill Village Apartments sewage pump station to an unnamed tributary of Brice Run. The Order requires an engineering study of the pump station and corrective action plan for improvements to the system to prevent further sewage discharges to waters of the State. MDE is seeking a \$5,000 administrative penalty for the unlawful discharges. Castle Ventures has 10 days to appeal the Order and 30 days to appeal the penalty assessment.

Status: Case pending. (Reference # AO-00-0118).

Town of Perryville – Harford County

On January 10, 2000, MDE issued an

Administrative Consent Order with the Town of Perryville regarding the Perryville Wastewater Treatment Plant. Under the terms of the Consent Order, Perryville has agreed to pay \$1,000 to the Clean Water Fund to resolve past ammonia violations and has also agreed to perform a supplemental environmental project to conduct a study and implement improvements to infiltration and inflow problems with Perryville's collection system.

Status: Case closed. (Reference # CO-99-0055).

Town of LaPlata – Charles County

On December 23, 1999, MDE issued an Administrative Consent Order with the Town of LaPlata regarding improvements to the LaPlata Wastewater Treatment Plant. Under the terms of the Consent Order, LaPlata has agreed to complete construction of plant upgrades, including biological nutrient removal (BNR), by December 31, 2001. The Town has also agreed to pay \$200 to the Clean Water Fund to resolve two unauthorized discharges from the plant that occurred in February 1999.

Status: Case closed. (Reference # CO-00-0122).

White House Motel – Charles County

On January 3, 2000, MDE issued an Administrative Complaint, Order and Penalty to Mr. Frank Monopoli, owner of White House Motel, 11150 Crain Highway, Newburg, Maryland, for alleged discharge permit violations at the motel's wastewater treatment plant. The Order requires the owner to demonstrate that operational and engineered improvements to the plant have been implemented within 60 days to ensure compliance with permit effluent limitations. The Order also requires the owner to cease all discharges from the plant if the owner does not demonstrate that improvements have been made in 60 days. Under the terms of the Order, the discharge permit for the motel shall be revoked within 90 days if compliance is not achieved as required. MDE is seek-

ing an administrative penalty of \$50,000 in this case. The owner has 10 days to appeal the Order and 30 days to appeal the penalty assessment.

Status: Case pending. (Reference # AO-00-0118).

Millenium Specialty Chemicals, Inc. – Baltimore City

On January 5, 2000, MDE issued an Administrative Consent Order with the Millenium Specialty Chemicals, Inc. plant located at 2701 Broening Highway, Baltimore, authorizing an extension of the compliance schedule established in the facility's discharge permit for installation of a diffuser pipe. Under the terms of the Consent Order, Millenium is required to complete installation of the diffuser pipe at Outfall 002 to Colgate Creek by March 13, 2000.

Status: Case closed. (Reference # CO-00-0121).

Washington County Water and Sewer – Washington County

On December 16, 1999, MDE issued an Amended Administrative Consent Order with Washington County regarding the Smithsburg Wastewater Treatment Plant. Under the terms of the Amended Consent Order, MDE has extended the compliance schedule for performing certain required improvements to Smithsburg's treatment plant and collection system as required by the original consent order issued in September 1998.

Status: Case closed. (Reference # ACO-00-0019).

Erosion and Sediment Control Civil Penalties – Statewide –

During the period December 10, 1999 through January 12, 2000, the Water Management Administration collected a total of \$4,700 in civil penalties from three construction projects for the failure to implement or maintain sediment controls during construction.

For the Record

The following is a list (by county) of applications received by MDE and other permitting activity between Dec. 17, 1999 and Jan. 15, 2000. For more information on these permits, contact MDE's Environmental Permit Service Center at (410) 631-3772.

Allegany

BARTON MINING CO., - Barton, MD (SM-96-427) Insignificant Modification

MARYLAND WATER SERVICE, INC. WWTP - Route 220, Pinto, MD 21556. (00DP0713) Surface municipal discharge permit

MOUNTAINEER MINING - PORTER MINE - Porter Cemetery Road, Frostburg, MD 21532. (00DP3332) Surface industrial discharge permit

MOUNTAINEER MINING CO., - Eckhart, MD - Original

MOUNTAINVIEW SANITARY LANDFILL - 13300 New George's Creek Road, Southwest, Frostburg, MD 21532. (S-00-01-3810-L) Sewage sludge disposal permit at landfill

UNITED ENERGY COAL- - Frostburg, MD (SM-92-423) Full Transfer

Anne Arundel

BBSS, INC. - Millersville, MD (94-SP-0468) Renewal of a surface mine permit located on Evergreen Road

BELL ATLANTIC-MD, INC. - 9 West Street North, Annapolis, MD 21401. (TR 5773) Received an air permit to construct for one generator

CARLETON TECHNOLOGIES, INC. - 510 McCormick Drive, Suite D, Glen Burnie, MD 21061. (TR 5778) Received an air permit to construct for one paint spray booth and one curing oven

CROWNSVILLE HOSPITAL CENTER - 1520 Crownsville Road, Crownsville, MD 21032. (00DP1997) Groundwater municipal discharge permit

FIVE STAR AUTO BODY - 1209 Old Dorsey Road, Harmans, MD 21077. (TR 5781) Received an air permit to construct for one paint spray booth

JOHN H. HARLAND - 1904 Park 100 Drive, Glen Burnie, MD 21061. (TR 5760) Received an air permit to construct for twelve printing presses

PATUXENT MATERIALS, INC. - 5032 Sands Road, Lothian, MD 20711. (TR 5761) Received an air permit to construct for one portable concrete plant

Baltimore City

CARR-LOWREY GLASS - 2201 Kroman Street, Baltimore, MD 21230. (00DP0340) Surface industrial discharge permit

CHESAPEAKE FLEET MAINTENANCE, INC. - 911 West Patapsco Avenue, Baltimore, MD 21230. (TR 5772) Received an air permit to construct for one paint spray booth

GRACE DAVISON - 5500 Chemical Road, Baltimore, MD 21226. (TR 5774) Received an air permit to construct for one demister

GRACE DAVISON - CURTIS BAY - 5500 Chemical Road, Baltimore, MD 21226. (98-OPT-3531A) Oil operations permit for above ground storage tank and transportation

HOBELMANN PORT SERVICES, INC., 1344 World Trade Center, 401 East Pratt Street, Baltimore, MD 21202. Voluntary Cleanup Program application for the Port Liberty Industrial Center property located at 1800-1900 Frankfort Avenue, Baltimore, MD 21225

JOHN D. LUCAS PRINTING - 1820 Portal Street, Baltimore, MD 21224. (2000-24-03242) Air quality permit to operate

MILLENNIUM INORGANIC CHEMICALS INC. - HAWKINS PT. - 3901 Fort Armistead Road, Baltimore, MD 21226. (2000-24-00109) Air quality permit to operate

TATE & LYLE NORTH AMERICAN SUGARS - 1100 Key Highway East, Baltimore, MD 21230. (TR 5785) Received an air permit to construct for one 250 MMBtu Boiler

Baltimore County

ALLISON TRANSMISSION-BALTIMORE - 10301 Philadelphia Road, White Marsh, MD 21162. (TR 5776) Received an air permit to construct for ten heat treat furnaces

ALLISON TRANSMISSION-BALTIMORE - 10301 Philadelphia Road, White Marsh, MD 21162. (TR 5777) Received an air permit to construct for one machining & parts washer

ATLANTIC PHARMACEUTICAL SERVICES - 11200 Gundry Lane, Owings Mills, MD 21117. (TR 5765) Received an air permit to construct for one fluid bed dryer

CARGILL, INC. - SALT DIVISION - 11055 Philadelphia Road, White Marsh, MD 21162. (00DP2092) Surface industrial discharge permit

DAP PRODUCTS INCORPORATED - 4630 North Point Boulevard, Baltimore, MD 21219. (TR 5788) Received an air permit to construct for one modification to mixer to produce coatings and adhesives

EASTERN MUNICIPAL LANDFILL - 6259 Days Cove Road, White Marsh, MD 21162. (2000-WMF-0052) Solid waste municipal landfill permit

LAFARGE / IMERYS - TEXAS QUARRY - 10000 Beaver Dam Road, Cockeysville, MD 21030. (00DP0228) Surface industrial discharge permit

LMC PROPERTIES, INC. - 195 Chesapeake Park Plaza, Middle River, MD 21220. (00DP0298) Surface industrial discharge permit

MARYLAND NATIONAL GUARD - PARKVILLE ARMORY - 3727 Putty Hill Road, Parkville, MD 21236. (00DP2874) Surface industrial discharge permit

MARYLAND PAVING - TEXAS ASPHALT PLANT - 10000 Beaver Dam Road, Cockeysville, MD 21030. (2000-OPT-3410) Oil operations permit for above ground storage tank and transportation

MCCORMICK & COMPANY, INC. - 11100 McCormick Road, Hunt Valley, MD 21031. (00DP3035) Surface industrial discharge permit

MIDDLE RIVER AIRCRAFT SYSTEMS, INC - 103 Chesapeake Park Plaza, Baltimore 21230. (TR 5743) Received an air permit to construct for paint booth and integral dryer

NEW ENGLAND CONTAINER - 4601 North Point Boulevard, Baltimore, MD 212191007. (2000-03-02220) Air quality permit to operate

NORRIS FORD, INC. - 901 Merritt Boulevard, Baltimore, MD 21222. (TR 5747) Received an air permit to construct for two paint spray booths

RITTENHOUSE FUEL COMPANY - 316 Mount Carmel Road, Parkton, MD 21120. (2000-OPT-4402) Oil operations permit for above ground storage tank and transportation

THE BELKO CORPORATION - 11931 Jericho Road, Kingsville, MD 21087. (2000-OPT-3974) Oil operations permit for above ground storage tank and transportation

Calvert

ARTHUR SCOTT CRANSTON, CV-29 - 8052 Pushaw Station Road, Owing, MD 20736. Sewage sludge application on agricultural land

CHESAPEAKE COLLISION - 2300 Solomon's Island Road, Huntingtown, MD 20639. (TR 5748) Received an air permit to construct for one paint spray booth

DAVID WATSON, CV-21 - 6400 Sheridan Point Road, Prince Frederick, MD 20678. Sewage sludge application on agricultural land

MORGAN E. RUSSELL, INC. - Sunderland, MD (95-SP-0475) Renewal of a surface mine permit located on Route 2 & 4

Carroll

FLEMING PETROLEUM SERVICE, INC. - 6222 Sykesville Road, Sykesville, MD 21784. (2000-OPT-4138) Oil operations permit for above ground storage tank and transportation

FREEDOM DISTRICT WWTP - 1301 Raincliff Road, Sykesville, MD 21784. Sewage sludge transportation permit

LEHIGH PORTALND CEMENT CO. - Union Bridge, MD (87-SP-0265) Renewal of a surface mine permit located on Route 31

MARYLAND NATIONAL GUARD - WESTMINSTER ARMORY - 300 Hahn Road, Westminster, MD 21157. (00DP3188) Surface industrial discharge permit

TOBACCO TECHNOLOGY, INC. - 600 Liberty Road, Eldersburg, MD 21784. (00DP1947) Surface industrial discharge permit

TOWN OF HAMPSTEAD - 1034 S. Carroll Street, Hampstead, MD 21074. (99-1155) Water permit to construct a water pumping station and treatment facilities and to develop a production well in the vicinity of Shiloh Road and Panther Drive

Cecil

BENJAMIN'S TRAILER PARK - 500 Block Jacob Tome Memorial Highway, Port Deposit, MD 21904. (00DP1033) Surface municipal discharge

permit

CECIL COUNTY COMMISSIONERS - 758 E. Philadelphia Road, Elkton, MD 21921. (TR 5766) Received an air permit to construct for one Landfill gas vent flare

CECIL COUNTY LANDFILL - 758 E. Old Philadelphia Road, Elkton, MD 21921. (TR 5754) Received an air permit to construct for one flare

W.L. GORE & ASSOCIATES, INC. - 100 Airport Road, Elkton, MD 21921. (TR 5779) Received an air permit to construct for one PTFE filled area

WILSON FUEL SERVICE INC. - 1335 East Old Philadelphia Road, Elkton, MD 21921. (2000-OPT-4563) Oil operations permit for above ground storage tank and transportation

Charles

AT&T - FAULKNER - 10125 Popes Creek Road, Faulkner, MD 20632. (00DP1042) Surface municipal discharge permit

CLIFTON ON THE POTOMAC WWTP - Clifton Drive at Ingleside Drive, Newburg, MD 20664. (00DP1457) Surface municipal discharge permit

HADLEY/DEPEW PROPERTY, CH-154 - 9250 Dubois Road, Charlotte Hall, MD 20622. Sewage sludge application on agricultural land

HOWLIN CONCRETE, INC.. - Dunkirk, MD (00-SP-0564) Permit for a surface mine permit located on Carrico Mill Road

JAMES E. HILL PROPERTY, CH-155 - 7160 Poorhouse Farm Drive, Port Tobacco, MD 20677. Sewage sludge application on agricultural land

MARYLAND ROCK INDUSTRIES - GOOSE BAY PLANT (CH-152) - 7210 Riverside Road, Indian Head, MD 20640. Sewage sludge application on marginal land

MATTAWOMAN WATER POLLUTION CONTROL FACILITY - 5310 Hawthorne Road, La Plata, MD 20646. Sewage sludge transportation permit

REBECCA DEMENT PROPERTY, CH-114 - 10310 Popes Creek Road, Newburg, MD 20664. Sewage sludge application on agricultural land

WAL-MART STORES, INC. - 2001SE 10th Street, Bentonville, AR 72712. (99-1159) Sewerage permit to construct a wastewater pumping station and a force main along Crain Highway and Heritage Green Parkway

WINDSOR MANOR ASSOCIATES - 6-D Industrial Park Drive, Waldorf, MD 20602. (99-1157) Sewerage permit to construct the Windsor Manor Wastewater Pumping Station and a 166-foot force main

WINDSOR MANOR ASSOCIATES - 6-D Industrial Park Drive, Waldorf, MD 20602. (99-1160) Sewerage permit to construct a wastewater pumping station and a force main along MD Route 210, Hampton Drive, Sir Douglas Street and Excalibur Street

Dorchester

CECIL & SYLVIA GANNON, DR-38 - Mount

For the Record

Zion Road, Federalsburg, MD 21632. Sewage sludge application on agricultural land

CITY OF CAMBRIDGE DEPARTMENT OF PUBLIC WORKS - 705 Leonard Lane, Cambridge, MD 21613. (00-1004) Sewerage permit to upgrade the City of Cambridge Wastewater Treatment Plant so as to achieve biological nitrogen removal and odor control

JEROL MOORE LANDSCAPING & EXCAVATING INC. - Cambridge, MD (90-SP-0355) Renewal of a surface mine permit located on Aireys Road

Frederick

FDI SERVICES - 4949 New Design Road, Frederick, MD 21703-7121. (TR 5787) Received an air permit to construct for one printing press

FREDERICK COUNTY DEPARTMENT OF PUBLIC WORKS - 118 North Market Street, Frederick, MD 21701. (99-1158) Water permit to construct the Braddock Heights Water Storage Tank at Schley Avenue and Maryland Avenue off Old National Pike

NEW LIFE CHURCH AND SCHOOL - 5913 Jefferson Pike, Frederick, MD 21703. (00DP1633) Surface municipal discharge permit

TAMKO ROOFING PRODUCTS, INC. - 4500 Tamko Drive, Frederick, MD 21701. (TR 5775) Received an air permit to construct for one thermal oxidizer

TRANS-TECH, INC. - 5220 Adamstown Road, Adamstown, MD 21710. (00DP1841) Major surface industrial discharge permit

Garrett

DEER PARK SPRING WATER, INC. - 104 Hotel Drive, Oakland, MD 21550. (00DP2139) Surface industrial discharge permit

GARRETT COUNTY SANITARY DISTRICT, INC. - 313 E. Alder Street, Oakland, MD 21510. (00-1001) Water permit to construct water system improvements at Northern Garrett Industrial Park, Negro Mountain

PETERS FUEL CORPORATION - 8 West Liberty St., Oakland, MD 21550. (00DP2723) Surface industrial discharge permit

SAVAGE RIVER WORKS - 581 Clifton Drive, Oakland, MD 21550. (TR 5771) Received an air permit to construct for one resin spray booth for boat manufacturing

TEXAS EASTERN TRANSMISSION CORP. - 193 Texas Eastern Road, Accident, MD 21520. (2000-11-00081) Air quality permit to operate

Harford

ALCORE, INC. - 1324 Brass Mill Road, Belcamp, MD 21017. (TR 5764) Received an air permit to construct for one paint spraybooth

BLC PROPERTIES, INC. - 4602 Pulaski Highway, Belcamp, MD 21017. (99-1163) Sewerage permit to extend Sewerage Permit No. 96-22-1259 dated 12/19/96 for the construction of Gray's Run gravity sewers

CHESAPEAKE AUTO ASSOCIATES, L.L.C. - 1612 Bel Air Road, Fallston 21047. (TR 5784) Received an air permit to construct for one auto spray

booth

CYTEC FIBERITE, INC. - 1300 Revolution Street, Havre de Grace, MD 21078. (TR 5763) Received an air permit to construct for two vacuum pumps

HARFORD WASTE DISPOSAL CENTER - 3241 Scarboro Road, Street, MD 21154. (00DP3234) Surface industrial discharge permit

MARYLAND PAVING - CHURCHVILLE ASPHALT PLANT - 1219 Calvary Road, Bel Air, MD 21015. (2000-OPT-3414) Oil operations permit for above ground storage tank and transportation

Howard

BALTIMORE AIRCOIL COMPANY - 7595 Montevideo Road, Jessup, MD 20794. (00DP1967) Surface industrial discharge permit

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING - 3450 Court House Drive, Ellicott City, MD 21043. (00-1002) Sewerage permit to construct a wastewater pumping station and a force main along Old Frederick Road from the intersection of MD Route 99 and Old Frederick Road

STATE HIGHWAY ADMINISTRATION - 4401 Sykesville Road (Route 32), Dayton, MD 21029. (00DP3331) Surface industrial discharge permit

Kent

MARYLAND NATIONAL GUARD - CHESTERTOWN ARMORY - Quaker Neck Road, Chestertown, MD 21620. (00DP2878) Surface industrial discharge permit

VELSICOL CHEMICAL CORPORATION - 10380 Worton Road, Chestertown, MD 21620. (2000-OPT-3249) Oil operations permit for above ground storage tank and transportation

Montgomery

F. P. ROCKVILLE, L. P., 1355 Piccard Drive, Suite 400, Rockville, MD 20850. Voluntary Cleanup Program application for the Rockville Metro Plaza property located at 151 Rockville Pike, Rockville, MD 20850

KING AUTOMOTIVE GROUP - 16200 Frederick Road, Gaithersburg, MD 20898. (TR 5750) Received an air permit to construct for one paint spray booth

MARYLAND MILITARY FACILITY - WHITE OAK ARMORY - 12200 Cherry Hill Road, Silver Spring, MD 20904. (00DP2867) Surface industrial discharge permit

SAFFORD LINCOLN MERCURY - 3110 Automobile Boulevard, Silver Spring, MD 20904. (TR 5751) Received an air permit to construct for one paint spray booth

Prince George's

ANDREWS AIR FORCE BASE - 3479 Fetchet Avenue, Andrews Air Force Base, MD 20762. (2000-OPT-5217) Oil operations permit for above ground storage tank and transportation

DOWER HOUSE RECYCLING AND PROCESSING CENTER - 5900 Dower House Road,

Upper Marlboro, MD 20772. (1999-WPF-0563) Solid waste processing facility permit

LAUREL SAND & GRAVEL, INC. - Laurel, MD (90-SP-0351) Renewal of a surface mine permit located on Old Gunpowder Road

MARYLAND NATIONAL GUARD - LAUREL ARMORY - 8801 Odell Road, Laurel, MD 20708. (00DP3192) Surface industrial discharge permit

PRESTON WINDSOR PROPERTY, PG-184 - 17122 Nottingham Road, Upper Marlboro, MD 20772. Sewage sludge application on agricultural land

U.S. GENERAL SERVICE ADMINISTRATION - HF-34 FDA OFAC Building, 5630 Fishers Lane, Rockville, MD 20857. (99-1162) Sewerage permit to construct a wastewater pumping station in the Northwest quadrant of intersection of O'Dell Road and Muirkirk Road

Queen Anne's

CHESAPEAKE CREMATION CENTER, LLC - 818 Main Street, Stevensville, MD 21666. (TR 5782) Received an air permit to construct for one animal crematory

KENT NARROWS/STEVENSVILLE/GRASONVILLE WWTP - 310 Bateau Drive, Stevensville, MD 21666. (00DP0547) Major surface municipal discharge permit

S.E.W. FRIEL - QUEENSTOWN PLANT - 100 Friel Place, Queenstown, MD 21658. (00DP0159) Surface industrial discharge permit with groundwater opt.

S.E.W. FRIEL - WYE MILLS PLANT - Grange Hall Road at Friels Lane, Wye Mills, MD 21679. (00DP0158) Surface industrial discharge permit with groundwater opt.

SAUER, USA - 64 Log Canoe Circle, Stevensville, MD 21666. (TR 5746) Received an air permit to construct for one paint spray booth

Somerset

RICHARD REYNOLDS - Eden, MD (78-SP-0436) Renewal of a surface mine permit located near Princess Anne

St. Mary's

MARYLAND ROCK INDUSTRIES, INC. - Leonardtown, MD (77-SP-0119) Renewal of a surface mine permit located Abells Wharf Road

Talbot

MIDSHORE REGIONAL SOLID WASTE FACILITY - 7341 Barker's Landing Road, Easton, MD 21601. Solid waste municipal landfill permit

PRESIDENT AND COMMISSIONERS OF TRAPPE - 4011 Powell Avenue, Trappe, MD 21673. (00-1000) Water permit to lay water mains in various streets within the corporation limits of Trappe

PRESIDENT AND COMMISSIONERS OF TRAPPE - 4011 Powell Avenue, Trappe, MD 21673. (00-1003) Water permit to demolish

an elevated water storage tank at the intersection of MD Route 565 and Greenfield

Washington

ALBERT POWELL FISH HATCHERY - Route 66 And I-70, Fish Hatchery Road, Hagerstown, MD 21740. (00DP1326) Surface industrial discharge permit

GARDEN STATE TANNING, INC. - 15717 Clear Spring Road, Williamsport, MD 21795. (TR 5786) Received an air permit to construct for one reactor

GARDEN STATE TANNING, INC. - 15717 Clear Spring Road, Williamsport, MD 21795. (2000-21-00075) Air quality permit to operate

MARYLAND CORRECTIONAL INSTITUTION - 18601 Roxbury Road, Hagerstown, MD 21740. Sewage sludge application on agricultural land

PANGBORN CORPORATION - 529 Pangborn Boulevard, Hagerstown, MD 21740. (00DP1298) Surface industrial discharge permit

RESH ROAD II/ WASHINGTON COUNTY LANDFILL - 13300 Greencastle Pike, Hagerstown, MD 21740. (S-00-21-2880-L) Sewage sludge disposal permit at landfill

ST. LAWRENCE CEMENT COMPANY, LLC - 1260 Security Road, Hagerstown, MD 21742. (00DP0356) Surface industrial discharge permit

TOWN OF BOONSBORO - 21N. Main Street, Boonsboro, MD 21713. (99-1156) Sewerage permit to construct facilities for mechanical bar screen improvements at the lagoon site

Wicomico

CITY OF FRUITLAND - 401 East main Street, Fruitland, MD 21826. (99-1161) Sewerage permit to enlarge and upgrade the Fruitland Wastewater Treatment Plant so as to achieve biological nitrogen removal at the end of Shady Lane from Shad Point Road

JAMES BUTLER HOBBS - Fruitland, MD (77-SP-0067) Renewal of a surface mine permit located near Slab Bridge Road

STAR OIL INC. - 27105 Acom Drive, Hebron, MD 21830. (2000-OPV-2678) Oil operations permit for transportation

WICOMICO COUNTY LANDFILL - 6948 Brick Kiln Road, Salisbury, MD 21801. (2000-WMF-0283) Solid waste municipal landfill permit

Worcester

CENTRAL MUNICIPAL LANDFILL - 7091 Central Site Lane, Newark, MD 21841. (2000-WMF-0152) Solid waste municipal landfill permit

Out of State

C.J. MURPHY INC. - 222 Ave. E, P.O. Box 1030, Bayonne, NJ 07002. (2000-OPV-5292) Oil operations permit for transportation

For the Record

Issuances

Allegany County

ALLEGANY AMCELLE RUBBLE LANDFILL - Route 220, Cumberland, MD 21502. (1999-WRF-0206) Solid waste rubble landfill permit

BARTON MINING CO., - Barton, MD (SM-96-427) Insignificant Modification

CSX TRANSPORTATION INC. - 16 Offut Street, Cumberland, MD 32202. (2000-OPT-3100) Oil operations permit for above ground storage tank and transportation

UNITED ENERGY COAL - Frostburg, MD (SM-84-247) Full transfer

UNITED ENERGY COAL - Frostburg, MD (SM-84-40) Full transfer

Anne Arundel

A-2-Z DISCOUNT DRY CLEANERS, INC. - 7858 Quarterfield Road, Glen Burnie, MD 21061. (02-6-0922 N) Air general permit to construct for one dry cleaning machine

DORSEY RUN WWTP - 7920 Brock Bridge Road, Jessup, MD 20794. (99DP2488) Major surface municipal discharge permit

FIVE STAR AUTO BODY - 1209 Old Dorsey Road, Harmans, MD 21077. (02-6-0923 N) Air permit to construct for one paint spray booth

JEAN F. CARLTON, AA-002 - 500 Polling House Road, Harwood, MD 20776. (S-99-02-3649-A) Sewage sludge application on agricultural land

MICROTEL INN & SUITES - 1160 Winterson Road, Linthicum, MD 21090. (02-5-0488 N) Air general permit to construct for one boiler < 10 MMBTU

MILLERSVILLE MUNICIPAL LANDFILL - 389 Burns Crossing Road, Severn, MD 21144. (97SW1304) General permit registration for stormwater associated with industrial activity

SAFETY-KLEEN SYSTEMS, INC. - 150-G Penrod Court, Glen Burnie, MD 21061. (1997A-301) Controlled hazardous substance permit for

SEVERN RIVER INN RESTAURANT - 1993 Old Annapolis Boulevard, Annapolis, MD 21401. (98DP3275) Groundwater municipal discharge permit

Baltimore City

ASSOCIATED ENVIRONMENTAL TECHNOLOGIES, INC. - 900 North Macon Street, Baltimore, MD 21205. (2000-OPX-7746) Oil operation permit for sludge solidification

ASSOCIATED ENVIRONMENTAL TECHNOLOGIES, INC. - 900 North Macon Street, Baltimore, MD 21205. (2000-OPT-7746) Oil operations permit for above ground storage tank and transportation

BGE - GOULD STREET GENERATING STATION - 2105 Gould Street, Baltimore, MD 21230. (99DP0189) Major surface industrial discharge permit

CLEAN HARBORS OF BALTIMORE - 1910 Russell Street, Baltimore, MD 21230. (1995A-151) Controlled hazardous substance permit for

CLEAN HARBORS OF BALTIMORE, INC. - 1910 Russell Street, Baltimore, MD 21230. Air permit to construct for Supersede Permit #24-6-1610 N issued 11/4/99

FMC CORPORATION - 1701 East Patapsco Avenue, Baltimore, MD 21226. (98DP0499) Major surface industrial discharge permit

HULL POINT, LLC, c/o Struever Bros. Eccles & Rouse, Inc., 1422 Nicholson Street, Baltimore, MD 21230. No Further Requirements Determination issued by the Voluntary Cleanup Program for the Procter & Gamble Soap Manufacturing property located at 1422 Nicholson Street, Baltimore, MD 21230

JOHN D. LUCAS PRINTING COMPANY, INC - 1820 Portal Street, Baltimore, MD 21224. Air permit to construct for Supersede Permit #24-6-1590 M issued 3/18/89

KAYDON RING & SEAL, INC. - 1600 Wicomico Street, Baltimore, MD 21230. (24-7-1578 M) Air permit to construct for one HEPA filter

LCM ASSOCIATES, INC. - 1231 Peach Street, Baltimore, MD 21230. (24-6-1621 & 1622 N) Air permit to construct for two paint spray booths

NADWODNY, L. J. & SONS, INC. - 3502-8th Avenue, Baltimore, MD 21226. (2000-OPT-2538) Oil operations permit for above ground storage tank and transportation

NEWKIRK, LLC, 16 Green Meadow Drive, Suite 301, Timonium, MD 21093. No Further Requirements Determination issued by the Voluntary Cleanup Program for the Crown Simplimatic, Inc. property located at 1200 S. Newkirk Street or 4623 O'Donnell Street, Baltimore, MD 21224

NORTHWEST TRANSFER STATION - 5030 Reisterstown Road, Baltimore, MD 21215. (97SW1307) General permit registration for stormwater associated with industrial activity

Baltimore County

ATLANTIC CONTRACTING AND MATERIAL - 10000 Beaver Dam Road, Cockeysville, MD 21030. Air permit to construct for Supersede Permit #03-6-2360 N issued 6/15/99

BGE - RIVERSIDE - 4000 Broening Highway, Dundalk, MD 21222. (99DP0190) Major surface industrial discharge permit

C.J. LANGENFELDER AND SON, INC. - 8427 Pulaski Highway, Rosedale, MD 212370606. (2000-OPT-3037) Oil operations permit for above ground storage tank and transportation

DIETRICH INDUSTRIES, INC. - 8911 Bethlehem Boulevard, Baltimore, MD 21219. (97SW1308) General permit registration for stormwater associated with industrial activity

GREY & SONS - TEXAS QUARRY SHOP - 10000 Beaver Dam Road, Cockeysville, MD 21030. (97SW1310) General permit registration for stormwater associated with industrial activity

JONES QUARRIES - 11285 Marriottsville Road, Woodstock, MD 21163. (95MM9703) General permit registration for discharge from mineral mines, quarries, borrow pits, and concrete and asphalt plants

LMC PROPERTIES, INC. - 195 Chesapeake Park

Plaza, Middle River, MD 21220. (03-00886) Air quality permit to operate

MERIT REISTERSTOWN - 5128 Reisterstown Road, Baltimore, MD 21215. (2000-OGR-7854) General permit for treated groundwater from oil contaminated sources

MIDDLE RIVER AIRCRAFT SYSTEMS, INC. - 103 Chesapeake Park Plaza, MP 55, Baltimore, MD 21220. (03-6-2499 N) Air permit to construct for one natural gas-fired autoclave

TPS - BALTIMORE SOIL RECYCLING FACILITY - 925 Todd's Lane, Baltimore, MD 21237. (2000-OPS-3168) Oil contaminated soil facility

TRIANGLE SIGN & SERVICE, INC. - 3343 Washington Boulevard, Baltimore, MD 21227. (03-6-2571 N) Air permit to construct for one paint spray booth

VILLA JULIE COLLEGE WWTP - Green Spring Valley Road, Stevenson, MD 21153. (98DP2921) Surface municipal discharge permit

WESTREET INDUSTRIES - 5107 North Point Boulevard, Sparrows Point, MD 21219. (03-5-1675 N) Air general permit to construct for one boiler < 10 MMBTU

Calvert

7-ELEVEN STORE # 32426 - 685 Prince Frederick Boulevard, North, Prince Frederick, MD 20678. (04-9-0035 N) Air general permit to construct for one 15,000 and one 10,000 gallon gasoline underground storage tank

BGE - CALVERT CLIFFS PLANT - 1650 Calvert Cliffs Parkway, Lusby, MD 20657. (99DP0187) Major surface industrial discharge permit

CASSANDRA BRISCOE PROPERTY, CV-30 - Parran Road, St. Leonard, MD 20685. (S-00-04-3567-A) Sewage sludge application on agricultural land

Caroline

MIKE DAVIDSON SAND GRAVEL LLC - Centreville, MD (89-SP-0332-1) transfer issued for a surface mine permit located Route 313

SAULSBURY BROS., INC. - 502 Factory Lane, Ridgely, MD 21660. (2000-OPT-4416) Oil operations permit for above ground storage tank and transportation

Carroll

BLACK & DECKER, INC. - 626 Hanover Pike, Hampstead, MD 21074. (99DP0022) Surface industrial discharge permit

TEVCO/WESTMINSTER - 1 Magna Way, Westminster, MD 21157. (06-9-0130 N) Air general permit to construct for one 25,000 and one 15,000 gallon gasoline underground storage tank

TEVIS OIL INC. - WINFIELD - 1631 Liberty Road, Sykesville, MD 21784. (2000-OPT-4507) Oil operations permit for above ground storage tank and transportation

WESTMINSTER WWTP - 1161 Old New Windsor Pike, Westminster, MD 21158. (99DP0837) Major surface municipal discharge permit

Cecil

CECIL COUNTY LANDFILL - 758 E. Old Philadelphia Road, Elkton, MD 21921. (07-9-0096 M) Air permit to construct for one flare

JOSEPH J MARSHALL - Port Deposit, MD (80-SP-0325) Renewal issued for a surface mine permit located Route 276

VETERANS ADMINISTRATION MEDICAL CENTER - Ward Circle, Perry Point, MD 21902. (07-00057) Air quality permit to operate

W.L. GORE & ASSOCIATES, INC. - 2401 Singerly Road, Elkton, MD 21921. (6-0104 M) Air permit to construct for one IHEI oven

W.L. GORE & ASSOCIATES, INC. - 2401 Singerly Road, Elkton, MD 21921. (07-6-0126 M) Air permit to construct for one oxidizer

W.L. GORE & ASSOCIATES, INC. - 2401 Singerly Road, Elkton, MD 21921. (07-6-0173 N) Air permit to construct for one solvent tape dryer

Charles

CHANNEY ENTERPRISES LIMITED PARTNERSHIP - Waldorf, MD (99-SP-0550) Permit issued for a surface mine permit located Billingsley Road

Dorchester

GENERATION III MARINA - 205 Cedar Street, Cambridge, MD 21613. (96MA9243) General permit registration for discharge from marinas

Frederick

AUSHERMAN DEVELOPMENT CORPORATION - 8031 Reichs Ford Road, Frederick, MD 21704. (99-22-1153) Sewerage permit to construct gravity sewers along Christophers Crossing and Rocky Springs Road, City of Frederick

COMMISSIONERS OF THURMONT - 10 Frederick Road, Thurmont, MD 21788. (99-17-1135) Water permit to install facilities to remove TCE from Well No. 8 at Eyerler Road and Apples Church Road

FOX AND ASSOCIATES INC. - 82 Worman's Mill Court - Suite G, Frederick, MD 21701. (99-12-1146) Water permit to lay water mains along Ray Smith Road and Quinn Orchard Road

JEFFERSON WWTP - Westport Drive, North of Route 180, Jefferson, MD 21755. (97DP0097) Surface municipal discharge permit

MOUNTAINGATE EXXON RAS # 2-5553 - 143 Frederick Road, Thurmont, MD 21788. (10-9-0149 N) Air general permit to construct for soil remediation system

REICHS FORD MUNICIPAL LANDFILL - 9031 Reichs Ford Road, Frederick, MD 21701. (S-99-10-4623-L) Sewage sludge disposal permit at landfill

SOUTHERN STATES COOPERATIVE INC. - 5870 Urbana Pike, Frederick, MD 21701. (2000-OPT-4469) Oil operations permit for above ground storage tank and transportation

TAMKO ROOFING PRODUCTS - 4500 Tamko Drive, Frederick, MD 21701. (10-6-0481 N) Air permit to construct for one laminate shingle produc-

For the Record

tion line

TAMKO ROOFING PRODUCTS, INC. - 4500 Tamko Drive, Frederick, MD 21701. (10-6-0058 M) Air permit to construct for modification to existing multi-product line

TAMKO ROOFING PRODUCTS, INC. - 4500 Tamko Drive, Frederick, MD 21701. (10-9-0045 M) Air permit to construct for modification to existing storage tank area

TAMKO ROOFING PRODUCTS, INC. - 4500 Tamko Drive, Frederick, MD 21701. (99-OPT-3493A) Oil operations permit for above ground storage tank and transportation

Garrett

TRI-STAR MINING INC. - Barton, MD (SM-97-429) Incidental Boundary Revision

Harford

BLC PROPERTIES, INC. - 4602 Pulaski Highway, Belcamp, MD 21017. (96-EXT-1259) Sewerage permit to extend Sewerage Permit No. 96-22-1259 for one-year term

CITRUS AND ALLIED ESSENCES, LTD. - 4620 Mercedes Drive, Belcamp, MD 21017. (12-00242) Air quality permit to operate

HESS STORE - 3209 Jarrettsville Pike, Monkton, MD 21111. (12-9-0097 N) Air general permit to construct for one 10,000 and one 20,000 gallon gasoline underground storage tank

INDEPENDENT CAN COMPANY - 4508 Wharf Point Court, Belcamp, MD 21017. (12-6-0120M) Air permit to construct for modification to coating line

OAK AVENUE RUBBLE LANDFILL - 1020 Oak Avenue, Joppa, MD 21085. (1999-WRF-0104) Solid waste rubble landfill permit

PETR & SONS, INC. - 1922 Trimble Road, Edgewood, MD 21040. (2000-OPV-7784) Oil operations permit for transportation

SOUTHERN STATES COOPERATIVE INC. - 423 Rock Spring Road, Bel Air, MD 21014. (2000-OPT-4468) Oil operations permit for above ground storage tank and transportation

Howard

CHERRY HILL CONSTRUCTION, INC. - 8227 Washington Boulevard, Jessup, MD 20794. (2000-OPT-2230) Oil operations permit for above ground storage tank and transportation

INTERFACE ARCHITECTURAL RESOURCES - 7079 Brookdale Drive, Elkridge, MD 21075. (13-00259) Air quality permit to operate

MARYLAND & VIRGINIA MILK PRODUCERS ASSOCIATION - 8321 Leishear Road, Laurel, MD 20723. (99DP0033) Major surface industrial discharge permit

WOOD MARKET, LTD - 9375 Washington Boulevard, Laurel, MD 20723. (13-6-0290 N) Air permit to construct for one paint spray booth

Kent

CHESTERTOWN BRICK COMPANY, INC. - 525 Morgnec Road, Chestertown, MD 21620.

(2000-OPS-3054) Oil contaminated soil facility

Montgomery

BERT'S EXXON - 11355 Seven Locks Road, Potomac, MD 20854. (15-9-0616 N) Air general permit to construct for one soil remediation unit

FORMER EXXON STATION #2-5657 - 11290 Veirs Mill Road, Wheaton, MD 20915. (2000-OGR-7947) General permit for treated groundwater from oil contaminated sources

FREESTATE PETROLEUM CORPORATION - 15411 Old Columbia Pike, Burtonsville, MD 20866. (2000-OGR-1761) General permit for treated groundwater from oil contaminated sources

NATIONAL NAVAL MEDICAL CENTER - 8901 Wisconsin Avenue, Bethesda, MD 20889. (15-9-0609 N) Air permit to construct for one emergency generator

RICKMAN TRAVILAH, LLC - 14211 Travilah Road, Rockville, MD 20850. (97SW1309) General permit registration for stormwater associated with industrial activity

SENECA WASTERWATER TREATMENT PLANT - 12600 Great Seneca Highway, Germantown, MD 20874. (15-9-0607 & 0612 N) Air permit to construct for two scrubbers

Prince George's

AMOCO SERVICE STATION # 5154 - 13701 Washington Boulevard, Laurel, MD 20707. (2000-OGR-7925) General permit for treated groundwater from oil contaminated sources

ANDREWS AIR FORCE BASE - 3479 Fetchet Avenue, Andrews Air Force Base, MD 20762. (97SW0631) General permit registration for stormwater associated with industrial activity

MARYLAND MASS TRANSIT ADMINISTRATION, William Donald Schaefer Tower, 6 St. Paul Street, Baltimore, MD 21202-1614. No Further Requirements Determination issued by the Voluntary Cleanup Program for the Laurel Building Supply property located at 151 Main Street, Laurel, MD 20707

SMITHFIELD PACKING COMPANY - 5801 Columbia Park Road, Landover, MD 20785. (16-5-0969 N) Air general permit to construct for one boiler < 10 MMBTU

WASHINGTON SUBURBAN SANITARY COMMISSION - 14901 Sweitzer Lane, Laurel, MD 20707. (99-22-1154) Sewerage permit to construct gravity sewers at Brandywine Village

Somerset

CRISFIELD WWTP - 104 7th Street, Crisfield, MD 21817. (99DP0688) Major surface municipal discharge permit

St. Mary's

KESSLER DEVELOPMENT COMPANY - 48780 Three Notch Road, Route 235, St. Mary's City, MD 20653. (95MM9702) General permit registration for discharge from mineral mines, quarries, borrow pits, and concrete and asphalt plants

NAVAL AIR STATION PATUXENT RIVER

- 22445 Peary Road, Patuxent River, MD 20670. (18-6-0070 M) Air permit to construct for two paint spray booths

PATUXENT RIVER NAVAL AIR STATION - 22445 Peary Road, Bldg. 2377, Patuxent River, MD 20670. (18-9-0041 N) Air general permit to construct for one 15,000 gallon gasoline underground storage tank

RAYMOND WOODBURN - Hollywood, MD (90-SP-0348) Renewal issued for a surface mine permit located Route 245

RONALD E BUCKLER - Mechanicsville, MD (94-SP-0462-A) Renewal issued for a surface mine permit

SOUTHERN MARYLAND OIL, INC. - 28230 Three Notch Road, Mechanicsville, MD 20659. (2000-OPT-4455) Oil operations permit for above ground storage tank and transportation

Talbot

PHILLIP COUNCELL, JR'S WHITE MARSH FARM - 9712 Three Bridge Branch Road, Easton, MD 19363. (S-00-20-4595-A) Sewage sludge application on agricultural land

SLAUGHTER FARM - 11740 Church Lane, Cordova, MD 19363. (S-00-20-4596-A) Sewage sludge application on agricultural land

Washington

CEDAR RIDGE CHILDREN'S HOME AND SCHOOL - 12146 Ridge Road, Williamsport, MD 21795. (99-23:25-1010) Sewerage permit to construct a wastewater treatment plant, a wastewater pumping station and a force main to serve Cedar Ridge Children's Home and School

CEDAR RIDGE MINISTRIES - 12146 Ridge Road, Williamsport, MD 21795. (99-16-1124) Water permit to construct a water treatment plant to serve Cedar Ridge Children's Home and School

HAGERSTOWN FIBER LIMITED PARTNERSHIP - 551 Eastern Boulevard North, Hagerstown, MD 21740. (99DP3077) Major surface industrial discharge permit

MELLOTT ESTATE - HANCOCK QUARRY - Creek Road, Hancock, MD 21750. (95MM2086) General permit registration for discharge from mineral mines, quarries, borrow pits, and concrete and asphalt plants

REVIEW & HERALD PUBLISHING COMPANY - 55 West Oak Ridge Drive, Hagerstown, MD 21740. (21-00174) Air quality permit to operate

ROHR INC., DBA BF GOODRICH AEROSPACE AEROSTRUCTURES - 18238 Showalter Road, Hagerstown, MD 21742. (2000-OPT-4408) Oil operations permit for above ground storage tank and transportation

UNITED PARCEL SERVICE - HAGERSTOWN - 217 East Oak Ridge Drive, Hagerstown, MD 21740. (92DP1929) Groundwater industrial discharge permit

Wicomico

BRADFORD ENTERPRISES, INC. - 28101 Old Eden Road, Eden, MD 21822. (22-6-0143 N) Air permit to construct for one portable crush-

ing plant

CATO OIL COMPANY - FITZWATER TERMINAL - 802 Fitzwater Street, Salisbury, MD 21801. (99-OPT-2027A) Oil operations permit for above ground storage tank and transportation

CATO, INC. - 1030 Marine Road, Salisbury, MD 21803. (22-9-0058 M) Air permit to construct for one 30,000 Bar. internal floating roof above ground storage tank

Worcester

ALUGLASS PACKAGING, INC. - 201 Belt Street, Snow Hill, MD 21863. (23-6-0031 N) Air permit to construct for one printing press

OCEAN CITY MUNICIPAL AIRPORT - 12724 Airport Road, Berlin, MD 21811. (96-OP-1406A) Oil operations permit for above ground storage tank and transportation

W.T. BRITTINGHAM, INC. - Pocomoke, MD (89-SP-0318-B) Renewal for a surface mine permit issued located on Route 113

WAWA FOOD MARKET # 556 - 12502 Ocean Gateway, West Ocean City, MD 21842. (23-9-0030 N) Air general permit to construct for three 15,000 gallon gasoline underground storage tanks

Out of State

JOSEPH DELBO & SON - 1300 Toby Run Road, Danville, PA 17821. (2000-OPV-2274) Oil operations permit for transportation

Nominate the Tawes awardee

Maryland Department of the Environment (MDE) Secretary Jane T. Nishida and Maryland Petroleum Council (MPC) Executive Director Drew Cobbs encourage Marylanders to nominate someone for the "2000 Tawes Award for a Clean Environment."

The unique environmental recognition program is sponsored by MDE and MPC in the name of late Maryland governor J. Millard Tawes.

The award is open to any individual, civic, community, or non-profit entity that has demonstrated outstanding efforts to enhance Maryland's environment over a period of time or with a single project.

Nominees may be named for their community clean up, school ecology or beautification projects, recycling, pollution prevention, waste reduction, hazardous materials control or other innovative environmental ideas or work.

Winners and runners-up will be chosen by a panel of judges in the youth [under 21] and adult/organization categories. They will be named and honored at a luncheon to be held in May.

The deadline for nominations is April 15. For more information and nomination forms please call (410) 269-1850 or MDE's Office of Communications at (410) 631-3012.



PHOTO COURTESY GOVERNOR'S PRESS OFFICE

MDE earns award for quality improvements

Recently, Maryland's Department of the Environment (MDE) was honored at the Governor's Annual Awards and Training Conference with a Level II Award by the Governor's Performance Excellence Assessment Program for its commitment and activities related to continuous quality improvement. Above, MDE Deputy Secretary Arthur Ray, second from right, and MDE staff receive the award from Gov. Parris N. Glendening. Over the past few years, the department has made great strides in numerous customer satisfaction, employee involvement, and strategic planning activities.

AWARDS Continued from Page 1

Maryland's Tributary Teams meet regularly in each of the Bay's 10 major tributaries to help implement pollution prevention measures needed to address local water quality problems.

The annual Bernie Fowler Award is presented to a team member who has demonstrated outstanding and consistent dedication to protecting and preserving bay tributaries. This year's winner was Charlie

Conklin of the Upper Western Shore Tributary Team. Conklin was not only cited for his work on the team but for establishing the Gunpowder Valley Conservancy and the Gunpowder Watershed Coalition. He also serves on Baltimore County's Forestry Board and was noted for being "a thoughtful and wise leader, who has earned the respect and support of his fellows." This year's Fowler award was presented by its first recipient, tributary team member Bill Stack.

All the tributary teams have participated in Maryland's Stream ReLeaf initiative, launched in 1996 by Gov. Parris N. Glendening to reforest 600 miles of streams and rivers in Maryland by 2010. In the first three years alone, hundreds of professionals and volunteers have planted 209 miles of buffers in all 23 counties. A total of 303 project sites have been planted, averaging 5.5 acres in size, 2,000 feet in length and 100 feet in width.

To recognize this outstanding achievement, Maryland Department of Natural Resources (DNR) Secretary Sarah Taylor-Rogers recognized the following volunteers, by category, for their continued dedication to Stream ReLeaf:

- **Civic Organization**—Maryland Trout Unlimited, in conjunction with Harford County Government, planted 350 trees on 6.5 acres at Deer Creek Park at U.S. 1 and Deer Creek. More than 75 volunteers, including scouts, students, teachers and

Maryland Trout Unlimited members and county officials assisted with the planting; Boy Scouts of America Troop 381, located in Finksburg, for planting a 1,400-foot-long, 150-foot-wide buffer on a tributary of Morgan Run in Carroll County. More than 125 volunteers planted 1150 trees and shrubs.

- **Landowners**—Citizens of Golden Beach in St. Mary's County planted 100 oaks and white dogwood trees in their community along the Patuxent River; The Summerfield Citizen's group in Frederick County organized an 11-acre planting on Lake Linganore, located in the lower Monocacy River watershed. Volunteers included elementary and college students, the Linganore Corporation and other community organizations.

- **Education**—As part of an Earth Day project, more than 30 students of Broadneck High School in Annapolis designed and planted a buffer of 175 trees and 50 shrubs on the school's property. The Lower Western Shore Tributary Team assisted students with the planting

- **Government**—The Maryland National Capital Park and Planning Commission (MNCPPC) sponsored planting projects at Lake Artemesia in Prince George's County and Sligo Creek Parkway in Montgomery County. Senior citizens, park rangers, students, citizens of Takoma Park, members of the Washington Metropolitan Council of Governments, Comsat employees and home

schoolers joined staff from MNCPPC and planted nearly 550 trees.

- **Business**—The Aspen Institute in Queen Anne's County planted a variety of species and 1,600 seedlings along 2,200 linear feet of the Wye River for a total of 3.8 acres.

Tributary team members Beth Hickey, of College Park, Sue Veith, of Leonardtown, Tim Goodfellow, of Frederick, Pat Pudelkewicz, of Bel Air, Marshall Rea, of Derwood, John Martin, of Baltimore, Earl Bradley, of Annapolis, Bill Edwards, of Hurlock, Bob Davis, of Parsonburg, and Mike Whitehill, of Centreville, also received awards for their "dedication and vision, and for their vigilance and commitment to the health of Maryland's ecosystems and people."

HISTORY

Continued from Page 7

historian, founded the Association for the Study of Negro Life and History in 1915, which was later renamed the Association for the Study of Afro-American Life and History. He initiated Black History Week on February 12, 1926.

For many years, the second week of February (chosen so as to coincide with the birthdays of Frederick Douglass and Abraham Lincoln) was celebrated by African-Americans in the United States. In 1976, as part of the nation's Bicentennial, it was expanded and became established as Black History Month, and is now celebrated all over North America.



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