

MD Environment

Maryland Department of the Environment

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Updated stormwater regulations take effect

By Ken Pensyl

The Maryland Department of the Environment's much anticipated 2000 Maryland Stormwater Design Manual, Volumes I & II and accompanying stormwater management regulations [Code of Maryland Regulations (COMAR)] were adopted recently with an effective date of October 2. The final regulations (26.17.02) require each county or municipality in Maryland to submit to MDE proposed stormwater management ordinance revisions on or before December 31, 2000.

Local ordinances, that will be used to implement the policies and practices established in the manual, must be adopted by July 1, 2001. MDE believes that these nationally recognized stormwater regulations and design manual will improve the control of new development runoff considerably.

The revised COMAR is available from the Office of the Secretary of State, Division of State Documents (DSD) at its "COMAR Online" website: www.dsd.state.md.us. While an electronic version is currently under construction, printed copies of the Design Manual are available for purchase. Please check the MDE website at www.mde.state.md.us or contact MDE's Nonpoint Source Program
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Woodstoves have become popular for aesthetic and economic reasons. But be aware of the risks involved in their use.

Learn before you burn wood

By Bob Maddox

Winter is quickly approaching and it is time to prepare your home for cold weather. For many, the preparation may include having the heating system serviced, getting the oil tank filled, or doing weatherproofing projects. For others, it may mean stockpiling wood and cleaning a

wood stove and chimney.

While many people occasionally enjoy the aesthetics of wood burning, many homes, especially in rural areas, use wood as a primary heating fuel. With the expected price increases for heating oil and natural gas this winter, many consumers

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'America Recycles Day' arrives

Mark your calendars, sort your papers, clean out your files, rinse those containers - Nov. 15 is America Recycles Day.

Think you've already done your part when it comes to recycling - not quite. Recycling, with your help, goes on and on to help the next generation.

To celebrate America Recycles Day, each of us can do our part by pledging to



buy more recycled-content products; increase our recycling efforts at home/work or other recycling-related efforts. All pledges must be mailed to the Maryland Department of the Environment by Nov. 20. Each entry received will be entered into a national random drawing to be held on December 15.

The grand prize, an "American Green Dream House," will be built on a site of your choosing. It will be made from high quality recycled products and energy-efficient materials. Children pledging to do their part (does not include cleaning their

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

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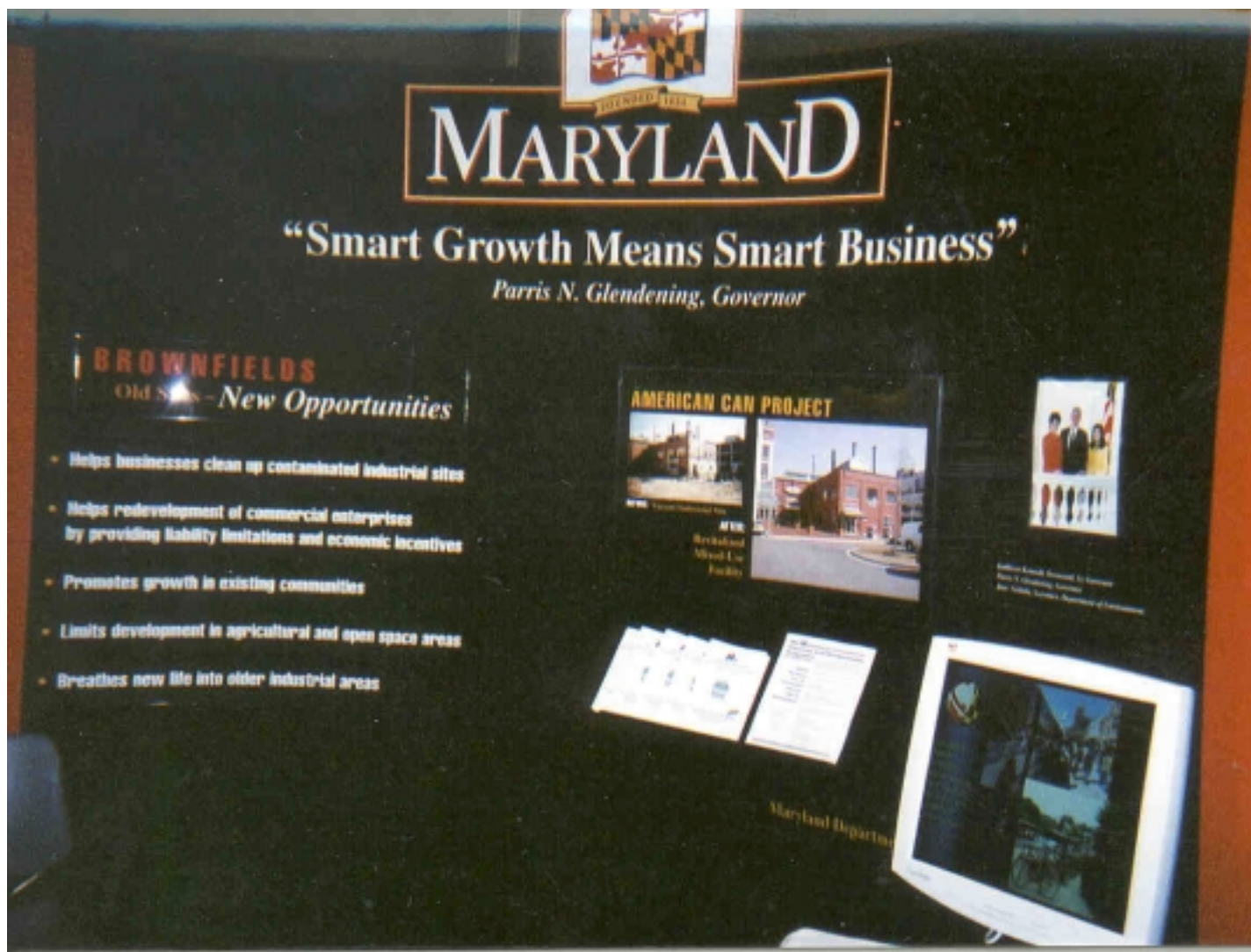
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Maryland highlights Smart Growth at EPA conference

At the Oct. 10-12 U.S. Environmental Protection Agency Brownfields 2000 Conference in Atlantic City, N.J., the Maryland Department of the Environment's (MDE) Environmental Restoration and Redevelopment Program (ERRP) co-sponsored a Brownfields/Smart Growth Exhibit with the Department of Business and Economic Development (DBED).

The co-sponsored exhibit, seen above, provided MDE and DBED the opportunity to showcase their environmental cleanup and redevelopment products, expertise, properties, and services to thousands of key Brownfields decision makers from across the country.

State initiative wins 'Innovations in American Government' award

Maryland's Smart Growth and Neighborhood Conservation initiative received a \$100,000 award on Oct. 12 as one of 10 winners in the Innovations in American Government program sponsored by the Ford Foundation and the John F. Kennedy School of Government at Harvard University.

The nationally-acclaimed Smart Growth program, which was proposed by Governor Parris N. Glendening and passed by the General Assembly in 1997, was recognized as one of the nation's best examples of creative problem-solving in the public sector.

"To be declared one of the 10 most innovative government programs in the nation is a testament to the important role Smart Growth plays in improving and

"The greatest benefit of the conference is the exchange of ideas amongst the conferees who come to the Brownfields program from a multitude of disciplines," said ERRP Administrator Karl Kalbacher. "This diversity of experiences and interests often times results in new concepts and ideas being generated."

Community revitalization continues to be a vital part of Governor Parris N. Glendening's administration strategy to strengthen urban areas of Maryland for the 21st century. The expansion of MDE's Brownfields efforts is a central component in the overall community empowerment agenda, which is de-

signed to give urban communities the tools they need to revitalize their neighborhoods. Through initiatives like Brownfields Redevelopment, the Voluntary Cleanup Program, Smart Growth, Empowerment Zones and Enterprise Communities, the state, in conjunction with federal and local agencies, are generating opportunities for growth and prosperity.

Successful Brownfields development is also a result of creativity and working together. At MDE, fostering partnerships with other state agencies in support of Brownfields cleanups and redevelopment initiatives is the norm, not the exception.

maintaining a high quality of life for communities," said Governor Glendening. "Other than focusing on education, there is nothing we will do that will have a more lasting, beneficial effect on our citizens than to properly manage growth to build strong neighborhoods, revitalize existing communities and preserve open space for future generations. I want to thank Harvard University, the Ford Foundation, and the panel of judges for recognizing the significant contributions of Maryland's Smart Growth initiative."

Maryland's Smart Growth program was cited for its creative use of the state's \$19 billion budget as an incentive to encourage more productive growth patterns. Smart Growth has three fundamental goals: to preserve and enhance existing commu-

nities; to preserve and protect farms and other natural resources; and to save taxpayers from the high cost of building redundant infrastructure to support sprawl.

"Smart Growth is a key aspect of our strategy to strengthen and revitalize Maryland neighborhoods," said Lt. Governor Kathleen Kennedy Townsend. "We're grateful for this recognition and we are proud of the success it represents. The real rewards though, lie in the way Smart Growth is reshaping Maryland communities and preserving what is best about our state. Thanks to Governor Glendening's vision for Smart Growth, Maryland will remain a leading quality of life state well into the future."

Competition for the award is rigorous. **See AWARD, Page 5**

MDE visits state's classrooms

By Fran Stierstorfer

In keeping with its mission, Maryland's Department of the Environment is expanding its effort to foster environmental education. MDE has moved into the classrooms of Maryland, as part of Gov. Parris N. Glendening's initiatives for education and environment.

"MDE in the classroom" was recently introduced to area school systems. This past summer, letters were mailed to county public school administrators and the response has been overwhelmingly positive. Already this school year, MDE staff have traveled to St Mary's, Prince George's, Charles and Baltimore Counties to give school presentations on recycling and solid waste management.

To the amusement of an awaiting class, MDE staffers Don Mauldin and Dave Mrgich carry a trash bag, an old boot and scatter rug into the classroom. The presentation begins with the trash bag being placed on a desk with a loud thud.

"What's this?" Don asks the students. "This trash bag weighs just over six pounds - the average amount of waste each of us produces each day. Let's take a look inside."

One by one, items are brought out of the trash bag. Students are asked what would they do with the newspapers, plastic bottles and even an old boot found inside. The universal answer heard from the students: "RECYCLE."

Finally, an old Hawaiian shirt is pulled out of the trash bag, which Don proudly models. He remarks how his favorite shirt was "reduced" in the dryer.

"Instead of putting an old shirt in the trash, what can you do with it?" he asks. Hands go up with many suggestions to give old clothes away, pass them down to

younger family members or use as a rag when helping parents clean. The last suggestion always brings a laugh to the teachers.

As the children answer each question relating to the items in the trash bag, they begin to learn, and more importantly, share their recycling ideas with each other.

In addition to the recycling lesson, students are given some day-to-day ideas for reusing items. As a scatter rug is held up, even the students in the back row make an effort to see. Don asks, "What do you think was used to make this rug?"

After a few guesses, the answer is announced. "Plastic grocery bags woven together crafted this scatter rug," Don explains. "Yet, another use for those blue bags brought home from the grocery store."

Why do we recycle and reuse items? How can buying recycled products close the loop on recycling? To answer those and many other questions about why we recycle, Dave begins the next phase of the presentation.

A slide show targeted to the classroom audience highlights examples of recycling and reusing at home, in school and at the grocery store. To keep the interest of the students, Dave slips in some photos of his Pembroke Welsh Corgis, prominently posed on carpeting made from recycled products.

Students can relate to the photos and props that drive home the recycling, reuse and reduce message. Students see what they can do for the environment. While working with schools, MDE partners with the county's recycling coordinators to provide specific county recycling information in the school.

To schedule a free "MDE in the class-



Don Mauldin, an MDE public information coordinator in the Waste Management Administration, talks recycling with students at an Anne Arundel County elementary school.

room" environmental program focused on the benefits of recycling and proper solid waste management for elementary and

middle school students, call Hallie Clemm or Fran Stierstorfer toll free within Maryland at 1 (800) 633-6101, ext. 3314.

Agencies partner to roll out scrap tire projects at event

By Richard McIntire

Horses and humans utilizing the tracks at Fair Hill Natural Resources Management Area in Cecil County will benefit from innovations and renovations taking place at the facility.

At the recently held Fair Hill International, Inc.'s annual festival, horses galloped around newly upgraded arenas made from 30,000 old tires. The Maryland Environmental Service (MES) is managing the renovation of the property that is owned by the Maryland Department of Natural Resources. Construction began in September and completion is expected by year's end. The Maryland Department of the Environment (MDE) is funding the project through the state's Used Tire Clean-Up and Recycling Fund as a demonstration of the beneficial use of scrap tire materials.

"Coming up with innovative means to recycle scrap tires is essential in helping develop markets and minimize the potential for illegal scrap tire dumping," said John Rist, MDE's chief of the Scrap Tire Program.

Fair Hill's arenas will now feature two products offered by American Rubber Technologies, of Jacksonville, Fla. Three of the arenas will use PERMA-FLEX High Performance Area Footing, a patent-protected process incorporating a specified mix of crumb rubber blended with manufactured sand. The fourth, a new equestrian turf arena, will debut the first equestrian-related use of REBOUND, a patented-soil amendment of crumb rubber and organic compost.

"This is the first occasion in which recycled Maryland tires were used to create a permanent surface for a horse arena," said

Rachael Allen, MES's Scrap Tire Project Manager. "We believe that this could be a new use for scrap tire rubber. This demonstration project shows the versatility, capability and possibilities of scrap tire material."

Maryland Environmental Service (MES) is a state agency and a non-profit corporation that provides a myriad of services to both the public and private sectors. Core services include recycling, waste management, water and wastewater treatment and environmental dredging.

MDE manages the collection, transportation, recycling and processing of 5 million scrap tires annually. Maryland's Used Tire and Recycling Fund was established in 1991 and generates revenue from the 40 cents collected on the sale of every new tire sold in the state. The fund supports scrap tire cleanups, enforcement and compliance activities, scrap tire projects, construction of scrap tire playgrounds, and implementation of a licensing program.

Since 1993, more than \$11.6 million of the fund has been invested in developing marketable uses for scrap tires, such as landfill capping, constructing tire playgrounds and highway soundwall barriers.

Scrap tire dumps pose a risk to public and environmental health. Tire fires can generate thick, black noxious odors and produce oil from the melting tires, which can pollute soils, ground and surface waters. In warmer months following rain, scrap tires become breeding grounds for mosquitoes.

October 26-30, Fair Hill International, Inc. held its annual Fair Hill International Festival, which included a variety of

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MTBE task force meets

Maryland's MTBE (methyl tertiary-butyl ether) Task Force announces its meeting schedule for the remainder of the calendar year:

November 9 (To be confirmed at 10/31 meeting)
November 16
November 30

Meetings will be held at Maryland Department of Environment headquarters, 2500 Broening Highway in east Baltimore, from 2 to 4 p.m. in the Chesapeake Conference Room.

Pursuant to legislation passed by the Maryland General Assembly, Gov. Parris N. Glendening appointed nine members to a task force that will develop recommendations to minimize the environmental impact of MTBE, a gasoline additive used to make the fuel burn cleaner. The task force is expected to produce a final report by December 1, 2001. For information on MTBE visit MDE's website at www.mde.state.md.us.

For additional information on the MTBE schedule, please call MDE's Oil Control Program at (410) 631-3442 or toll-free within Maryland at 1-800-633-6101 ext. 3442.

Avoid the dangers of static electricity at the pump

The American Petroleum Institute (API) has issued a safety advisory and guidelines for consumers to avoid potential problems with fueling and static electricity.

While a relatively remote possibility, there is a real danger of accidents caused by static electricity ignition. According to API, one of the most likely causes of such an accident is when a driver re-enters a vehicle during refueling, especially during cold, dry climate conditions. These con-

ditions can cause a static electricity buildup, much like shuffling your feet on a carpet. A brief flash fire can ignite at the filling point should the static discharge, and the resulting spark can set gas vapors around the nozzle aflame.

A simple precaution to avoid this scenario is to stay at your vehicle's fueling point. Unless it is absolutely necessary, don't get back in the vehicle. If re-entry is unavoidable, discharge the static electricity safely by touching a metal section of

the body of the vehicle away from the gas tank before attempting to remove the nozzle.

If a flash fire does erupt during fueling, leave the nozzle in the gas tank and back away from the vehicle. Alert the station attendant immediately so all other pumps can be shut off using emergency controls. If the facility is unattended, use the emergency intercom to summon help, and hit the emergency shutdown button to

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may use more wood to heat their homes or opt to install wood stoves and use wood as their primary fuel. According to an industry group, Hearth Products Association, 1.7 million wood stoves were sold in 1999. But burning wood poses environmental questions: Do wood stoves and fireplaces pollute? Are wood stoves safe?

Since 1988, when the U.S. Environmental Protection Agency (EPA) began a certification process for new stoves, wood burning stoves have been cleaner than ever. Newer stoves have catalytic converters (similar to the pollution-trapping devices on cars) and secondary-burn technology that reduce particulate emissions and increase efficiency.

However, wood stoves are still not all that clean. The wood smoke aroma you smell on a crisp evening may seem harmless. But that wood smoke contains fine particulate matter that can lodge in the lungs and pose a threat to the respiratory system. These particles can remain in the lungs for long periods, harming the delicate tissue and causing permanent damage. People with respiratory illnesses – such as asthma – may be particularly sensitive to wood smoke. And if the user does not use the stove appropriately, the stove can pollute even more.

As a fuel, wood is dirtier than natural gas or oil. The smoke, which is fine particulate matter, is actually a result of incomplete combustion. Approximately 100 chemicals or compounds have been associated with wood smoke, including carbon monoxide (CO), nitrogen oxide (NO_x), and polycyclic aromatic hydrocarbons (PAHs). When CO enters the bloodstream, it reduces the delivery of oxygen to the body's organs and tissues. High levels of CO can be fatal. Breathing in NO_x can irritate the lungs and cause bronchitis and pneumonia. Certain PAHs are carcinogenic. Under normal circumstances, the use of a wood stove presents a limited health risk. When pollutant levels are allowed to build up, however, a more serious situation exists.

According to Maryland Department of the Environment's (MDE) Mike Caughlin, in the Air Quality Permits Program, wood smoke can pose a serious outdoor air pollution problem when certain geographic and weather conditions exist.

"When you have communities in a valley using many wood stoves, the smoke and cold air can become trapped in the valley when the atmosphere above the valley is warmer," explained Caughlin. "This condition is called thermal inversion."

Normally, smoke from chimneys is dispersed by wind currents. Thermal inversion restricts the dispersion, or movement of air, and increases the concentration of particulate and gaseous air pollutants from wood. Pollutants from other sources will also be trapped. This causes a dangerous environment for people who are breathing the air.

In many areas of the U.S., wood stoves and fireplaces are the largest source of particulate matter entering homes. Concerns over wood smoke have caused several states and local communities to regulate wood burners. For example, in Telluride, Colorado, open fireplaces are banned in new home construction. In King County, Washington, older, non-certified wood stoves must be removed before a house is sold.

"Many of the initial air quality control efforts concerning wood stoves originated in the Rockies and the Pacific Northwest," said Caughlin.

"Every winter, the department gets several complaints about wood smoke and odors," Caughlin added. "Often, the odors are attributed to someone burning trash in fireplaces or wood stoves. In these situations, visible emissions standards or air quality nuisance regulations may apply."

Stoves not only affect the outdoor air, they can pose hazards inside the homes where they are being used. "There can be problems inside where the stove is being used," said MDE's Jim Lewis. "If a stove is not properly vented, carbon monoxide could get into the home. CO is a toxic gas that can cause fatigue, headaches, and even death."

Yet, with the inherent problems of using wood, the wood stove industry has made improvements in the design and construction of stoves. Newer stoves are required by the EPA to be certified for compliance with particulate standards. Stoves today emit little visible smoke and burn with up to 70 percent efficiency.

Things you can do to keep stoves safe and efficient:

- Use dry, seasoned wood to reduce smoke. Do not use evergreen wood (from pines, spruces, hemlocks, etc.) as it contains resins that can cause creosote buildup and chimney fires.

- Never burn artificial logs or treated wood. They have chemicals added to them and they can damage catalytic converters.

- Remove excess ash from intake vents and hearth to optimize the fuel air ratio.

- Do not use a wood stove or fireplace to burn trash.

- Inspect stove and chimney at least once a year and have the chimney cleaned as needed.

Also important during cold weather is to retain the heat in your home by making certain there are not places where the heat can escape and places where cold air can get in. Cold air is most likely to enter a home through doors and windows. Heat often escapes when attics or crawl spaces are not adequately insulated. Weatherproofing saves money — within a few years, weatherproofing projects pay for themselves by reducing the cost of heating (and cooling) your home. A well-insulated house also conserves natural resources and reduces pollution.

Other things you can do to keep your home warm:

- Remove cracked or loose putty from around window panes and reglaze with new putty.

- Replace cracked or broken panes of glass.

- Fix any cracks in door panels with wood filler or caulk.

- Attach a new bristle sweep to the bottom of entry doors to prevent a cold draft.

- Install a programmable thermostat to reduce energy use and cost.

For more information about wood stoves, wood smoke, and weatherproofing projects, contact the following organizations:

The wood stove industry's trade group is the Hearth Products Association and can be reached by calling 703-522-0086.

A citizen's group that provides education about the health hazards from wood smoke is Burning Issues at www.burningissues.org.

For information about weatherproofing your house, visit the Home Depot Web site at www.homedepot.com.



By Andrew Gosden

This is the first of what will be a regular feature of the *MDEnvironment*. This column will answer environmental permitting and compliance questions in a concise way. Since many questions may require more space than is available to answer fully, the answers will often provide contact information for more detailed information. This column is focused on business compliance issues.

Please submit your questions to Maryland Department of the Environment, EPSC – Ask MDE, 2500 Broening Highway, 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. I'm interested in opening a car repair business. What permits do I need to do this?

A. The permits your business will need depend on the types of services you plan on offering, body repair, mechanical services or both. If you are planning on opening a body shop you will need an Air Quality Permit to Construct for your paint spray operations. You will also probably need an EPA Hazardous Waste Generator Identification Number if you will generate any waste paints or solvents. If you plan on washing cars, you will need a Water Discharge Permit. Disposal of wastes and wastewaters to dry wells or storm sewers is forbidden. Floor drains, especially in older buildings, are often connected to these systems. The disposal of wastewater to the sanitary sewer system requires prior approval from your local sewer operator.

Mechanical repair facilities (tune ups, oil changes, tires changes, etc.) often require an EPA Generator Identification Number identifying them as a point of generation of hazardous waste because of wastes from parts washers and other sources. Again, water discharge permits may be required. Emission control repairs require Master Certified Emissions Technician certification for the individuals and Certified Emissions Repair Facility certification for the business. If you plan on handling tire replacement you will need a Scrap Tire

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Watershed approach to permitting continues across state

By Jim Dieter

In late 1998, the Maryland Department of the Environment's (MDE) Wastewater Permits Program initiated the first phase of a long-range plan to look at the cumulative effects of point source discharges and non-point source runoff on a watershed. National Pollutant Discharge Elimination System (NPDES) permit renewals were grouped together within individual watersheds. The plan involves following the intensive monitoring needed to produce Total Maximum Daily Loads (TMDLs) for each impaired stream segment in the watershed.

With this scenario in mind, procedures were developed consistent with MDE's intensive monitoring strategy, which divided the state into five permitting regions. A particular region is assigned a calendar year to accommodate the five-year life of an NPDES permit. Since the life of each

of the approximate 650 surface discharge permits is based solely on the date of the original permit application, it was necessary to develop a system to coordinate permit renewal dates within the particular calendar year designated for the watershed in which they discharged. The Wastewater Permits staff established permit conversion schedules for each permit renewal. Inherent in the scheduling are decision rules for individual permits. For example, if a permit is due for renewal more than 2 1/2 years before its watershed year, the permit will include a renewal requirement sufficient to place the next renewal into its watershed cycle. If it comes up for renewal only a year or two before its cycle, it will be administratively extended for the time needed to get it on cycle.

An extensive outreach to the regulated community of both municipal wastewater plants and industrial dischargers was com-

pleted by the Wastewater Permits Program staff. Individual notices were sent to each permittee advising them of the change in renewal dates. Each permittee was notified of their sub-watershed location and how the permitting schedule would affect each facility. Briefings were held with numerous business groups and municipal associations to assist in the transition. Anyone needing information about this new permit schedule may contact Ed Stone at (410) 631-3323 or Michael Richardson at (410) 631-3654.

Although the initial focus is on NPDES individual permits, the conversion system and watershed approach is compatible

with general permit registration and groundwater permits. The obvious advantage of a watershed approach is an opportunity to consolidate and improve communication and response to community concerns. Departmental GIS capabilities will eventually allow the cumulative impacts of all MDE regulatory activities to be graphically displayed during focused presentations to the immediate communities.

The potential for combining public hearings to respond to community concerns is also possible. A pilot project for full watershed participation is currently under design. Look for a future article on this initiative.

AWARD Continued from Page 2

The Innovations Program, housed at the John F. Kennedy School of Government, reviewed more than 1,300 applications in February, and selected 100 semi-finalists based on four criteria: the programs must be novel, effective, solve a significant problem and be replicable by other government entities. Twenty-five finalists were chosen in August. Each of the finalists had ten minutes to convince a national selection panel that they deserved to become one of 10 award winners.

"The Innovations Award winners are just 10 of the many cutting-edge strategies that government employs to improve our daily lives," said Susan Berresford, president of the Ford Foundation. "As programs like Smart Growth and Neighborhood Conservation are adopted elsewhere, our government continues to become more efficient and more competitive."

Last year, Smart Growth was selected as a finalist, but was not chosen as one of the 10 winners. Maryland's other highly recognized innovations this year included Baltimore County's Gainsharing program, which was recognized as a finalist, and the Department of Housing and Community Development's Live Near Your Work program, which was a semi-finalist.

Maryland's Smart Growth was already the recipient of a \$20,000 Ford Foundation grant for earlier recognition as a finalist. By being named one of the 10 winners, the State will receive an additional \$80,000. Most of the cash award will be used to develop a public education and outreach program as part of the Governor's effort to expand understand-

ing of land use issues and their effect on the quality of life of all Marylanders. Last year's \$20,000 finalist award is being used for studies of Maryland communities that demonstrate the problems of sprawl and Smart Growth successes.

In 1997, Governor Glendening established the Smart Growth and Neighborhood Conservation program. Under the initiative, specific "Priority Funding Areas," (PFAs), such as all the State's municipalities and the areas within the Washington and Baltimore beltways, receive state funding and incentives, such as tax cuts, to encourage growth. Areas not designated as PFAs cannot receive funding for development from any state agency. Because of Smart Growth, State government now makes all budgetary decisions with an eye toward encouraging a more sensible and sustainable use of the state's land and natural resources.

Maryland is also moving aggressively to preserve the state's best remaining natural areas before they are lost forever to development. Through the Smart Growth initiative's Rural Legacy Program alone, the state in just two years has designated 47,000 acres for permanent protection.

The Innovations in American Government Awards program is funded by the Ford Foundation and administered by the John F. Kennedy School of Government at Harvard University in partnership with the Council for Excellence in Government.

For more information on Smart Growth visit www.op.state.md.us.



*Preserving What's Best
About Maryland*

Maryland Department of the Environment

Waste Management Administration

Presents a workshop on...

Soil and Groundwater Cleanup Standards for Controlled Hazardous Substances

Date: December 5, 2000
Time: 8 a.m. to 12:30 p.m.
Place: Baltimore Rowing and Water Resource Center
3301 Waterview Avenue
Baltimore, Maryland 21230
Cost: FREE

The Maryland Department of the Environment invites you to attend the workshop on the proposed Soil and Groundwater Cleanup Standards for Controlled Hazardous Substances. This free workshop provides information to the regulated community on the process for conducting environmental investigations at both State Superfund and Voluntary Cleanup Program sites. It is anticipated that the finalized document will remain guidance for at least a year before steps are initiated to replace the guidance with regulations.

To register for this workshop, please complete the following form and mail it no later than November 28, 2000 to:

Maryland Department of the Environment
Waste Management Administration
Environmental Restoration and Redevelopment Program
2500 Broening Highway
Baltimore, Maryland 21224

Name _____

Title _____

Organization _____

Address _____

Telephone _____

E-mail _____

Further information may be obtained by contacting
Jim Metz toll free in Maryland at 1 (800) 633-6101, x3493
E-mail: jmetz@mde.state.md.us

Ensuring the protection of Maryland's wetland resources

By Gary Setzer

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

Why is wetland protection important?

Under state law, MDE is charged with ensuring that Maryland's valuable wetland resources are adequately protected. In addition, the state has recently adopted a voluntary goal to restore 60,000 acres of wetlands based on the acreage of wetlands lost since the late 1940s.

Wetlands play important roles in the preservation and protection of the Chesapeake Bay, the coastal Bays, and other waters of the state. Wetlands serve important roles through the reduction of pollutant loadings, including excess nutrients, sediment and toxics; the attenuation of floodwaters and stormwaters; shoreline stabilization and erosion control, waterfowl breeding; habitat for many species of fish, game and nongame birds, and mammals, including rare and endangered species, food chain support, and timber production.

Many wetlands have already been lost or degraded due to the combined effects of population growth and land use. Further degradation and losses of wetlands will contribute to the decline of the Chesapeake Bay, the coastal Bays, and other waters of the state. Water quality will decline and a myriad of habitat types will deteriorate, impacting wildlife, waterfowl, recreation and other wetland benefits.

What is our goal?

The state's goal is to attain no-net overall loss in wetland acreage and function and to strive for a net resource gain in wetlands over present conditions. Key areas of emphasis for achieving this goal include: (1) maintaining strong regulatory and planning programs to protect tidal and nontidal wetlands; and (2) developing and maintaining the Governor's Wetlands Restoration Initiative for wetland enhancement and creation.

Meeting our goal

Although the no-net loss goal has been achieved through the regulatory program, the state has not been able to produce a significant resource gain. The inability to replace wetlands historically lost was one of the driving forces behind Governor Parris N. Glendening's Wetlands Restoration Initiative. The consequences of not

restoring Maryland's wetlands base to pre-1940 levels are that valuable wildlife habitat and ecological filtering benefits will be permanently lost.

Establishing and maintaining partnerships are an essential component of the state's effort to achieve its wetlands goal. Important partners to the state's regulatory program include the U.S. Army Corps of Engineers and the U.S. Environmental Protection Agency, which also regulate activities in wetlands. The U.S. Fish and Wildlife Service and the National Marine Fisheries Service provide important advice on regulatory issues and protecting wetland habitat. The Natural Resources Conservation Service, the Maryland Department of Natural Resources and the Maryland Department of Agriculture all provide technical and some funding assistance for wetland protection, restoration, and management.

Partners in the Wetland Restoration Initiative include private, non-profit and government landowners who own property suitable for restoration projects and want to restore wetlands. Partners have included private sector landholders, including owners of agricultural and mined lands, educational institutions, local, state and federal government agencies, and environmental organizations including those who operate restoration programs. Financial and/or technical assistance may be available through various local, state and federal agencies and environmental or other non-profit organizations that operate restoration programs.

The specific target of the wetland restoration goal is to increase the state's wetland acreage base by 60,000 acres. A steering committee of state, federal and local agencies and business, development, mining, agricultural and environmental interests was appointed by the governor to provide guidance on wetland restoration opportunities and advise on the development of the state Wetland Conservation Plan.

Since its introduction in May 1997, approximately 3,200 acres of wetlands have been restored statewide. This trend should continue with the implementation of recommendations by the steering committee which include tracking restoration projects, encouraging state agencies to undertake restoration projects, and increasing resources for these activities.

Objectives

The key management objectives under the wetlands goal include the following:

- Establish new and maintain existing partnerships with local and federal governments to ensure an efficient regulatory process;
- Continue to achieve Maryland's statutory goal of "no net loss" of wetland acreage and function, and strive for a net



A great egret takes flight from one of Maryland's prime wetland habitat areas.

gain in wetland resources over time, through the regulatory program;

- Increase Maryland's existing wetland base through the Wetlands Restoration Initiative, which will create, restore, or enhance 60,000 acres of wetlands through outreach and volunteer initiatives including the restoration of 15,000 acres by the Year 2010 to meet the Chesapeake Bay 2000 Agreement goal;
- Develop a statewide wetland conservation plan to improve water resource/wetland protection and management; and
- Produce additional educational materials and enhance public outreach efforts.

Strategies for meeting objectives

The following strategies are being implemented to carry out MDE's wetland objectives:

- Continue and enhance the state/federal partnership established by the Maryland State Programmatic General Permit (MDSPGP) issued by the U.S. Army Corps of Engineers.
- Strengthen partnerships between MDE and other agencies, non-profit entities, and private citizens for wetland creation, restoration or enhancement.
- Administer Maryland's wetland protection program which includes permitting, inspection and compliance under the Tidal Wetland Act, Nontidal Wetland Protection Act, Water Quality Certification as required by Section 401 of the federal Clean Water Act, and Coastal Zone Consistency as required by Section 307 of the federal Coastal Zone Management Act.
- Update existing regulations for tidal and nontidal wetlands.
- Support and pursue implementation of recommendations by the Governor's Wetland Restoration Steering Committee, which is charged with advising the state on matters related to the 60,000 acres restoration goal.
- Begin the development of an inventory of priority areas suitable for wetland creation, restoration and enhancement, including stream restoration and

buffer plantings.

- Participate in the implementation of Stream Re-Leaf, Maryland's riparian forest buffer restoration and conservation initiative.
- Request funding through a budget initiative to support the goal of creating 60,000 new acres of wetlands in the state by actual preparation of area-specific plans, which could be immediately implemented upon identification of fund sources and sponsors.
- Complete a statewide Wetland Conservation Plan, which will assist in local land use and watershed planning efforts.
- Encourage watershed management plans for long-term management of wetland resources and for expediting the permit review and decision-making process.
- Update and publish informational brochures on wetland protection and management.
- Maintain Wetlands and Waterways web page.

Challenges

MDE's Wetlands and Waterways Program administers regulatory and planning functions which address the protection, conservation, and management of Maryland's tidal and nontidal wetlands, waterways and floodplains. Although these functions are conducted under state statutes and regulations, the challenge is to look beyond the boundaries of state environmental programs to local and federal government authorities and to develop partnerships that take advantage of similar requirements. The goal of these partnerships is not only to establish an efficient regulatory process that eliminates duplicative government actions, but also to produce a strong commitment to resource protection, restoration, conservation and management.

Another challenge is to establish mechanisms to enhance customer service. One of the most effective methods implemented to date has been pre-application meetings,

See WETLAND, Page 12



Enforcement & Compliance Notes

Air & Radiation Management Administration September 15 - October 15

Holy Cross Hospital – Montgomery County

On September 21 MDE issued a Complaint, Order and \$30,000 Penalty to Holy Cross Hospital. This action was taken against Holy Cross in response to 3 workers receiving an overexposure of radiation over a two year period (1998 & 1999).

Status: Hearing requested. (Reference # RHP-00-4)

Freestate Medical System - Anne Arundel County

On September 21, MDE issued a Complaint, Order and \$10,000 Penalty to Freestate Med System of Anne Arundel County. This action was taken for failure to register a facility after repeated contact from MDE. Also, during a certification inspection it was discovered that required personal monitoring reports and plan review had not been submitted to MDE.

Status: Hearing requested and meeting scheduled to discuss possible settlement. (Reference # RHP-00-5)

Freestate Med System - Prince George's County

On September 21, MDE issued a Complaint, Order and \$10,000 Penalty to Freestate Med System of Prince George's County. This action was taken against two facilities for failure to register after repeated contact from MDE. Also, the facility failed to have the required certification inspections completed on their radiation machines.

Status: Hearing requested and meeting scheduled to discuss possible settlement. (Reference # RHP-00-6)

Southern Connection Seafood - Somerset County

On September 21, MDE issued an

administrative penalty in the amount of \$10,000 to Southern Connection Seafood for repeated violations of Maryland's air quality open burning regulations. The Company was conducting open burning of commercial trash from its seafood processing plant. In response to a Corrective Order previously issued by MDE, the Company has stopped the illegal open burning and is now disposing of the waste in a commercial dumpster.

Status: The Company has 30 days to pay or appeal the penalty. (Reference # ACP 00-03A)

Hoffman Properties - Frederick County

On October 4, MDE issued an administrative penalty in the amount of \$24,000 to Hoffman Properties for violating Stage II Vapor Recovery regulations. The Company violated the regulations by operating a gasoline station without installing vapor recovery emission controls on the gas pumps, resulting in the uncontrolled release of gasoline vapors to the atmosphere.

Status: The Company has 30 days to pay or appeal the penalty. (Reference # ACP 00-08A)

Waste Management Administration September 15 – October 15, 2000

Lead Program Enforcement – A total of \$28,260 in penalties was assessed for lead violations in Baltimore City, Anne Arundel, Dorchester and Prince George's Counties. \$21,250 in Baltimore City for an accreditation violation, \$2,490 in Anne Arundel County for failure to register, \$2,020 in Dorchester County for failure to register and \$2,500 in Prince George's County for an accreditation violation.

Wallace Integrated Graphics - Montgomery County

On October 5, MDE received a pen-

alty payment of \$29,500 from Wallace Integrated Graphics for exceeding air emission standards for volatile organic compounds from its Montgomery County printing facility. In response to a Corrective Order previously issued by MDE, the Company has addressed the violations by adjusting job types processed at the plant.

Status: Case Closed. (Reference # ACP 00-02A)

Gamma Metrics - Out-of-State Contractor

On October 11, MDE issued a Complaint, Order and \$3,000 Penalty to Gamma Metrics. This action was taken against the company for its failure to notify MDE of radiation-related work activities in Maryland on three occasions during 1998-1999.

Status: The Company to appeal. (Reference RHP-00-7)

Water Management Administration September 15, 2000 – October 15, 2000

Castle Ventures LTD., Baltimore County – On October 6, 2000, MDE filed a civil Complaint for Preliminary and Permanent Injunctions and Civil Penalty in the Circuit Court for Baltimore County requiring Defendant Castle Ventures LTD. to immediately initiate corrective action to abate unlawful discharges of untreated sewage from an onsite sewage pump station and collection system serving the Carriage Hill Village Apartments, located at 3456 Carriage Hill Circle, Randallstown, to Brice Run, natural trout waters of the State. The action seeks up to \$10,000 per day for each unlawful discharge during the past year.

Status: Case pending. (Reference #Civil Action No. 03-C-00-010420).

Lafayette Motel, Charles County –

On September 13, 2000, MDE issued an administrative Complaint, Order and Penalty to the owners of the Lafayette Motel located at 9340 Crain Highway, Bel Alton, for NPDES permit violations at the facility's wastewater treatment plant. The action requires corrective actions to address effluent violations and seeks an administrative penalty of \$15,000.

Status: Case pending. (Reference #AO-00-0193).

St. Mary's County Metropolitan Commission, St. Mary's County

On September 20, 2000, MDE and the St. Mary's County Metropolitan Commission (METCOM) finalized a settlement agreement to resolve alleged NPDES violations at the Pine Hill Run Wastewater Treatment Plant. Under the terms of the agreement, METCOM has agreed to pay \$1,350 to the Clean Water Fund and to perform a supplemental environmental project for improvements to its sewage collection system. In addition, METCOM has agreed to a schedule for implementing the pretreatment permit requirements for the Pine Hill Run WWTP

Status: Case closed. (Reference #SA-00-0051).

Water Pollution Penalties - State-wide

During the period September 15, 2000 to October 15, 2000, MDE collected \$13,825 in administrative penalty payments to the Clean Water Fund in settlement of water pollution violations from seven establishments.

Erosion and Sediment Control Penalties – Statewide

During the period September 15, 2000 to October 15, 2000, MDE collected \$ 2,900 in administrative penalty payments to the Sediment Fund in settlement of erosion and sediment control violations at two construction sites.

STATIC Continued from Page 4

shut off the pump.

To prevent static electricity accidents, API has issued specific safety guidelines. They include:

- Always turn your vehicle off while refueling.
- Never smoke, light matches, or use lighters while refueling.
- Do not get back into your vehicle while refueling. Doing so can

build up static electricity. If you must re-enter your vehicle, discharge the build-up by touching the outside metal of the vehicle, away from the filling point, before touching the nozzle.

- To avoid gasoline spills, do not top off your fuel tank. The fuel dispenser will shut off automatically when the tank is full.
- Use only the hold-open latch

provided on the gasoline pump. Never jam or force the nozzle handle open with some other object, such as the gas cap.

- When dispensing gasoline into a portable container, use only an approved container. Always keep the container on the ground and maintain contact between the pump nozzle and the container to prevent a static elec-

tricity ignition of fuel vapors. Never fill containers inside a vehicle, in the trunk, on the bed of a pickup truck, a flatbed, or on the floor of a trailer.

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For the Record

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

ALLEGANY

MARYLAND ENVIRONMENTAL SERVICE - 2011 Commerce Park Drive, Annapolis, MD 21401. (00-1172) Water permit to upgrade the Dans Mountain State Park Water System, Water Station Run Road, Lonaconing

MOUNTAINVIEW SANITARY LANDFILL - 13300 New George's Creek Road, SW, Frostburg, MD 21532. (S-00-01-4050-T) Sewage sludge disposal permit at landfill

ANNE ARUNDEL

ANNAPOLIS JUNCTION TRANSFER STATION - 8077 Brock Bridge Road, Jessup, MD 20794. Solid waste transfer station permit

ANNE ARUNDEL COUNTY DEPARTMENT OF UTILITIES - 2662 Riva Road, Annapolis, MD 21401. (00-1154) Sewerage permit to construct gravity sewers in the Sabrina Park, west of MD Route 2 and MD Route 648

ANNE ARUNDEL COUNTY DEPARTMENT OF UTILITIES - 2662 Riva Road, Annapolis, MD 21401. (00-1155) Sewerage permit to construct gravity sewers along Skidmore Drive, east of MD Route 50 and MD Route 179

ANNE ARUNDEL COUNTY DEPARTMENT OF UTILITIES - 2662 Riva Road, Annapolis, MD 21401. (00-1156) Sewerage permit to construct gravity sewers along Annapolis Road, east of MD Route 32 and MD Route 175

ANNE ARUNDEL COUNTY DEPARTMENT OF UTILITIES - 2662 Riva Road, Annapolis, MD 21401. (00-1162) Sewerage permit to upgrade odor control facilities at the Annapolis Wastewater Treatment Plant

ANNE ARUNDEL COUNTY DEPARTMENT OF UTILITIES - 2662 Riva Road, Annapolis, MD 21401. (00-1169) Water permit to construct water storage and water treatment facilities, on Albany Avenue, south of Emmet Place, Rose Haven

ANNE ARUNDEL COUNTY DEPARTMENT OF UTILITIES - 2662 Riva Road, Annapolis, MD 21401. (00-1170) Sewerage permit to upgrade the Woodland Beach Wastewater Pumping Station, north side of Mayo Road, east of the intersection of Mayo Road with MD Route 2

DORCHESTER ASSOCIATES, LLC. - 1746 N Street, NW Washington D.C. 20036. (00-1165) Sewerage permit to construct gravity sewers along Piney Run, south of Dorchester Road and east of Baltimore-Washington Parkway

DORSEY RUN WWTP - 7920 Brock Bridge Road, Jessup, MD 20794. (S-00-02-4009-T) Sewage sludge transportation permit

EVANGELICAL PRESBYTERIAN CHURCH - 710 Ridgely Avenue, Annapolis, MD 21401.

(01DP3370) Groundwater municipal discharge permit

INTERFACE ARCHITECTURAL RESOURCES - 7364 Baltimore & Annapolis Boulevard, Glen Burnie, MD 21061. (TR 6145) An air permit to construct for one lamination line

INTERNATIONAL PAPER - 8339 Telegraph Road, Odenton, MD 21113. (TR 6162) An air permit to construct for one floor tile trimming line with baghouse

NORTHROP GRUMMAN CORP. - OCEANIC - 895 Oceanic Drive, Annapolis, MD 21401. (01DP3028) Surface industrial discharge permit

NORTHROP GRUMMAN ESSS-BWI SITE - 7323 Aviation Boulevard, Linthicum, MD 21090. (TR 6154) An air permit to construct for one clean and coat process

PAULINE SURACI, AA-8 - 3590 Birdsville Road, Davidsonville, MD 21035. Sewage sludge application on agricultural land

BALTIMORE CITY

DELTA CHEMICAL CORPORATION - 2601 Cannery Avenue, Baltimore, MD 21226. (2001-OPT-3130) Oil operations permit for above ground storage tank and transportation

FELLS POINT DEVELOPMENT LLC, c/o Struever Bros. Eccles & Rouse, 519 N. Charles Street, Baltimore, MD 21201. Voluntary Cleanup Program application for the Constellation property located at 1411-1524 Thames Street, 901-907 S. Caroline Street, and 870-872 S. Dallas Street, Baltimore, MD 21231

JOHN D. LUCAS PRINTING COMPANY - 1820 Portal Street, Baltimore, MD 21224. (TR 6142) An air permit to construct for one heatset web lithographic press

MOTIVA ENTERPRISES LLC - 2400 Petrolia Avenue, Baltimore, MD 21226. (TR 6176) An air permit to construct for one marine loading dock

PETRO EXPRESS COMPANY - 1836 Chesapeake Avenue, Baltimore, MD 21226. (2001-OPV-2582) Oil operations permit for transportation

BALTIMORE COUNTY

ALLISON TRANSMISSION, DIVISION OF GENERAL MOTORS - 10301 Philadelphia Road, White Marsh, MD 21162. (TR 6157) An air permit to construct for modification of direct fired building heat

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Avenue, Towson, MD 21204. (00-1171) Sewerage permit to construct gravity sewers along Charles Street at the entrance of Sheppard Pratt Hospital, Armagh Village

MONTEBELLO BRANDS, INC. - 1919 Willow Spring Road, Dundalk, MD 21222. (2001-OPT-2527) Oil operations permit for above ground storage tank and transportation

CALVERT

SHANNON, CROFTON & PARRAN BRISCOE,

CV-08 - 3055 Cage Road, St. Leonard, MD 20650. Sewage sludge application on agricultural land

CAROLINE

OWEN LYNCH DIXON - Greensboro, MD (78-SP-0059-A) Renewal for a surface mine located Route 480

CARROLL

PREAKNESS-MANCHESTER, INC. - 10817 Reisterstown Road, Owings Mills, MD 21117. (00-1158) Water permit to construct a water pumping station at Crossroads Overlook, Town of Manchester

PREAKNESS-MANCHESTER, INC. - 10817 Reisterstown Road, Owings Mills, MD 21117. (00-1173) Sewerage permit to construct a wastewater pumping station and a force main northwest of intersection of MD Route 27 and Westminster Street, Town of Manchester

TOWN OF UNION BRIDGE - 104 West Locust Street, Union Bridge, MD 21791. (00-1166) Sewerage permit to construct six grinder pumping stations and force mains, in Honeysuckle Lane and Union Bridge Road

CECIL

AFAB OIL MANAGEMENT SERVICES, LLC. - 171 Childs Road, Elkton, MD 21921. (2000-OPT-7679A) Oil operations permit for above ground storage tank and transportation

FRED L. HAWKINS CO, INC. - Havre de Grace, MD (81-SP-0107) Renewal for surface mine located near Cokesville Road

SOUTHERN STATES ELKTON PETROLEUM SERVICE - 1637 E. Old Philadelphia Road, #2, Elkton, MD 21921. (2001-OPV-9645) Oil operations permit for transportation

UNION HOSPITAL - 106 Bow Street, Elkton, MD 21921 (TR 6160) An air permit to construct for one emergency generator

W.L. GORE & ASSOCIATES - 2401 Slingerly Road, Elkton, MD 21921. (TR 6163) An air permit to construct for three powder drying ovens

W.L. GORE & ASSOCIATES - 501 Vieve's Way, Elkton, MD 21922. (TR 6158) An air permit to construct for record deleted part of another permit

CHARLES

AUTOMATED GRAPHIC SYSTEMS, INC. - 4590 Graphics Drive, White Plains, MD 20695. (2001-08-0072) Air quality permit to operate

CHANEY ENTERPRISES LIMITED PARTNERSHIP - Waldorf, MD (97-SP-0516) Modification for a surface mine located near US Route 301

PEPCO'S MORGANTOWN SWITCHYARD FACILITY - 12620 Crain Highway, Newburg, MD 20664. (2001-OPT-9603) Oil operations permit for above ground storage tank and transportation

DORCHESTER

MARY & RUSSELL BAKER TRUST, DR-60 - 3241 Indian Bone Road, Cambridge, MD 21613. Sewage sludge application on agricultural land

FREDERICK

FORT DETRICK - 1500 Porter Street, Building 1422, Fort Detrick, MD 21702-5000. (TR 6177) An air permit to construct for one emergency generator

FREDERICK CITY WWTP - 8145 Gas House Pike, Frederick, MD 21701. (01DP0801) Major surface municipal discharge permit

FREDERICK COUNTY DEPARTMENT OF PUBLIC WORKS - 118 North Market Street, Frederick, MD 21701. (00-1174) Sewerage permit to construct gravity sewers along Gas House Pike and Sanandrew Drive

FREDERICK MEMORIAL HEALTHCARE SYSTEM - 400 W. 7th Street, Frederick, MD 21701. (TR 6155) An air permit to construct for two boilers >10 MMBtu

HELEN ENGLAND PROPERTY FR-100 - 3460 Big Woods Road, Ijamsville, MD 21754. (S-00-10-3715-A1) Sewage sludge application on agricultural land

JOSEPH HOTTEL FARM FR 37 - 4524 Burkittsville Road, Knoxville, MD 21758. (S-96-10-4212-A2) Sewage sludge application on agricultural land

LIBERTYTOWN WWTP - East Side Of Route 75, Libertytown, MD 21791. (01DP2108) Surface municipal discharge permit

SWEENEY/FRALEY-CALICO FARM, FR-109 - 3040 Ballenger Creek Pike, Frederick, MD 21702. (S-00-10-4034-A1) Sewage sludge application on agricultural land

TOM MACKINTOSH FARM, FR-131 - 1612 Park Mills Rd, Adamstown, MD 21710. (S-98-10-4515-A1) Sewage sludge application on agricultural land

TRANS-TECH, INC. - 5520 Adamstown Road, Adamstown, MD 21710. (TR 6172) An air permit to construct for one dielectric and one ferromagnetic production line

GARRETT

PATRIOT MINING CO., - Swanton, MD (DM-90-109) Renewal of Coal Mining Permit

PATRIOT MINING CO., - Swanton, MD (SM-98-431) Modification to Coal Mining Permit

RAYMOND R. WELCH - Oakland, MD (52-GO-0134) Renewal for gas and oil well permit

SWALLOW FALLS STATE PARK WWTP - Swallow Falls Road, Oakland, MD 21550. (S-00-11-4000-T) Sewage sludge utilization

HARFORD

COLONIAL PIPELINE COMPANY - FOREST

For the Record

HILL - 806 West Jarrettsville Road, Forest Hill, MD 21050. (2001-ODS-3069) Surface water discharge for oil terminal

E&B BODY AND PAINT - 3328 Conowingo Road, Street, MD 21154. (TR 6161) An air permit to construct for one paint spraybooth

HAVRE DE GRACE WASTEWATER TREATMENT PLANT - 395 Rear Wilson Street, Havre De Grace, MD 21078. (S-00-12-4736-T) Sewage sludge transportation permit

JARRETTSVILLE ELEMENTARY SCHOOL - 3818 Norrisville Road, Jarrettsville, MD 21084. (01DP1318) Groundwater industrial discharge permit

MASTER-HALCO, INC. - 1720 Trimble Road, Edgewood, MD 21040. (TR 6150) An air permit to construct for one powder finishing line

POSNER, VICTOR - 9901 Langs Road, Baltimore, MD 21220. (00-1159) Water permit to lay water mains along Singer Road, 2600' west of MD Route 24

U.S. ARMY GARRISON, APG - Building 4304 APG, MD 21005. (00-1168) Sewerage permit to revise Permit No. 0-22:23-1040 dated May 5, 2000

HOWARD

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 3450 Courthouse Drive, Ellicott City, MD 21043. (00-1161) Water permit to construct a booster pumping station in the vicinity of MD Route 29 and MD Route 216

HOWARD COUNTY GENERAL HOSPITAL - 5755 Cedar Lane, Columbia, MD 21044. (2001-13-0074) Air quality part 70 operating permit

TATE ACCESS FLOORS, INC. - 7510 Montevideo Road, Jessup, MD 20794. (TR 6156) An air permit to construct for one electro-epoxy coating process with oven

KENT

CHESTERTOWN BRICK COMPANY, INC. - 525 Morgnec Road, Chestertown, MD 21620. (2000-OPS-3054A) Oil contaminated soil facility

HERON POINT OF CHESTERTOWN - 501 E. Campus Avenue, Chestertown, MD 21620. (2001-OPT-2393) Oil operations permit for above ground storage tank and transportation

MEARS GREAT OAK LANDING MARINA - 22170 Great Oak Landing Road, Chestertown, MD 21620. (01DP1035) Surface municipal discharge permit

MONTGOMERY

AMATO INDUSTRIES, INC.-AMCHLOR - 9120 Talbot Avenue, Silver Spring, MD 20910. (2001-OPT-3935) Oil operations permit for above ground storage tank and transportation

FEDERAL SUPPORT CENTER WWTP - 5321 Riggs Road, Gaithersburg, MD 20882. (S-00-30-4738-T) Sewage sludge transportation permit

HERSON & COHN ENTERPRISES - 15555 Frederick Road, Rockville, MD 20855. (TR 6152) An air permit to construct for one paint spray booth
PEPCO'S DICKERSON SWITCHYARD FA-

CILITY - 21200 Martinsburg Road, Dickerson, MD 20842. (2001-OPT-9602) Oil operations permit for above ground storage tank and transportation

ROCKVILLE AUTO BODY, INC. - 1221 Taft Street, Rockville, MD 20850. (TR 6173) An air permit to construct for one paint spray booth

SHADY GROVE HOSPITAL - 9901 Medical Center Drive, Rockville, MD 20850. (2001-15-1370) Air quality part 70 operating permit

PRINCE GEORGE'S

PEPCO'S CHALK POINT SWITCHYARD FACILITY - 25100 Chalk Point Road, Aquasco, MD 20608. (2001-OPT-9599) Oil operations permit for above ground storage tank and transportation

QUEEN ANNE'S

ARMOUR SWIFT - ECKRICH - 1350 Bloomingdale Road, Queenstown, MD 21658. (01DP0281) Groundwater industrial discharge permit

BISHOP-WINONA FARM,QA-88 - 532 Stagwell Road, Queenstown, MD 21658. Sewage sludge application on agricultural land

DAVID A. BRAMBLE - WYE MILLS - 451 Starr Grange Hall Road, Wye Mills, MD 21679. (2001-17-0033) Air quality permit to operate

GAMBACORTA MOTOR CARS, INC. - 6407 Church Hill Road, Chestertown, MD 21620. (01DP1461) Groundwater industrial discharge permit

JAMES SPIES- LEVEL SQUARE FARM,QA-25 - 850 Bridgetown Road, Henderson, MD 21640. Sewage sludge application on agricultural land

SOMERSET

SOMERSET COUNTY SANITARY DISTRICT, INC. - 11916 Somerset Avenue, Princess Anne, MD 21853. (00-1157) Sewerage permit to upgrade the biological nitrogen removal process at the Princess Anne Wastewater Treatment Plant

TAWES BROS. - 102 N. Tenth Street, Crisfield, MD 21817. (2001-OPT-2686) Oil operations permit for above ground storage tank and transportation

ST. MARY'S

JOSEPH D. KNOTT/T/A GREAT MILLS TRADING POST - Great Mills, MD (01-SP-0577) Permit for surface mining located Quatman Road

JOSEPH VALLANDINGHAM & ASSOCIATES - P. O. Box 288, Mechanicsville, MD 20659. (00-1163) Water permit to construct a water pumping station, northeast side of the intersection of MD Route 234 and MD Route 5, Villages at Leonardtown

JOSEPH VALLANDINGHAM & ASSOCIATES - P. O. Box 288, Mechanicsville, MD 20659. (00-1164) Sewerage permit to construct a wastewater pumping station, northeast side of the intersection of MD Route 234 and MD Route 5, Villages at Leonardtown

ST. ANDREW'S MUNICIPAL LANDFILL - 44825 St. Andrews Church Road, California, MD 20619. Solid waste municipal landfill permit

ST. CLEMENT'S SHORES WWTP - 211911 Rosebank Road, Compton, MD 20627. (01DP1587) Groundwater municipal discharge permit

TALBOT

CADMUS COMMUNICATIONS, INC. - 500 Cadmus Lane, Easton, MD 21601. (TR 6149) An air permit to construct for one printing press

DEPENDABLE SAND AND GRAVEL COMPANY, INC. - 13155 Ocean Gateway, Queen Anne, MD 21657. (01DP2660) Groundwater industrial discharge permit

DUVALL BROTHERS, INC. - Easton, MD (85-SP-0208-C) Modification and renewal for surface mining permit located near Trappe

EASTON UTILITIES - AIRPORT PARK - Airport Park, Easton, MD 21601. (2001-20-00069) Air quality permit to operate

MIDSHORE REGIONAL SOLID WASTE FACILITY - 7341 Barker's Landing Road, Easton, MD 21601. (S-00-20-4644-L) Sewage sludge disposal permit at landfill

NORRIS E. TAYLOR CONTRACTORS, INC. - Easton, MD (91-SP-0387) Renewal for a surface mining permit located near Hiner's Lane

PASSYN, T. B. - 29809 Standish Street, Easton, MD 21601. (00-1167) Sewerage permit to construct a wastewater pumping station, Matthewtown Run, on MD Route 328, east of MD Route 50

TALBOT TRAILER PARK - 9538 Black Dog Alley, Easton, MD 21601. (01DP3369) Surface municipal discharge permit

TRAPPE PACKING CORPORATION - 3965 Ocean Gateway, Trappe, MD 21673. (01DP3142) Groundwater industrial discharge permit

WASHINGTON

BULK INTERMODAL DISTRIBUTION SERVICES - 150 Hump Road, Hagerstown, MD 21740. (TR 6159) An air permit to construct for terminal to transfer bulk liquids & solids

CLEAN ROCK INDUSTRIES, INC. - 1469 Oak Ridge Place, Hagerstown, MD 21740. (TR 6147) An air permit to construct for one temporary screening plant

CONOCOCHIEGUE WWTP - 16232 Elliott Parkway, Williamsport, MD 21795. (S-00-21-4732-T) Sewage sludge transportation permit

HAGERSTOWN COMMERCE CENTER, INC. - P. O. Box 278, Monrovia, MD 21770. (00-1160) Sewerage permit to construct a wastewater pumping station at the Hagerstown Commerce Center, Route 40 East and Allstar Court

JIM MACE AG & AUTO BODY SHOP, INC. - 12908 Bikle Road, Smithsburg, MD 21783. (TR 6146) An air permit to construct for one paint spray booth

MAACO AUTO PAINTING & BODYWORK - 1101 Conrad Court, Hagerstown, MD 21740. (TR 6143) An air permit to construct for two paint spray booths

PHOENIX COLOR CORPORATION - 540 Western Maryland Parkway, Hagerstown, MD 21740. (TR 6175) An air permit to construct for five sheet-fed lithographic printing presses

SUN CHEMICAL CORPORATION - 10319 Grumbacker Lane, Williamsport, MD 21795. (01DP2638) Groundwater industrial discharge permit

WICOMICO

GEORGE DREW FARM - 7081 Fire Tower Road, Hebron, MD 21837. Sewage sludge application on agricultural land

JAMES L. GOSLEE FARM - Corner of State St. and Carnival R, Sharptown, MD 21837. Sewage sludge application on agricultural land

NANTICOKE FOODS, LLC - Nanticoke Wharf Road, Nanticoke, MD 21856. (01DP1297) Surface industrial discharge permit with groundwater opt.

WICOMICO COUNTY BOARD OF EDUCATION - 101 Long Avenue, Salisbury, MD 21801538. (99-OPT-2754A) Oil operations permit for above ground storage tank and transportation

WORCESTER

SNOW HILL WWTP - 213 Cypress Lane, Snow Hill, MD 21863. (S-00-23-3698-T) Sewage sludge transportation permit

TOWN OF OCEAN CITY DEPARTMENT OF PUBLIC WORKS - P.O. Box 158, Ocean City, MD 21842. (00-1153) Water permit to lay 24-inch water mains, north of MD Route 50 and Route 528 intersection

Issuances

ALLEGANY

CLISE COAL CO., - Lonaconing, MD (PP-00-23) Coal Prospecting Permit

CLISE COAL COMPANY - JACKSON MOUNTAIN MINE - Route 36 at Hill Road, 1/4 Mile SE of Lonaconing, Lonaconing, MD 21539. (00CM9606) General permit registration for discharge from surface coal mine

COBRA MINING CO., - Barton, MD (SM-84-184) Modification to Coal Mining Permit

UNITED ENERGY COAL - Frostburg, MD (SM-84-247) Boundary Revision - Coal Mining Permit

US MARINE - 11100 Pittsburgh Plate Glass Road, Cumberland, MD 21502. (01-6-0089 M) Air permit to construct for modification to boat manufacturing facility

ANNE ARUNDEL

AMOCO OIL COMPANY - ORDANCE ROAD - 801 East Ordance Road, Baltimore, MD 21226. (2001-OGR-2026) General permit for treated groundwater from oil contaminated sources

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-15:16-1169) Water permit to upgrade the Rose Haven Water System on Albany Avenue, south of Emmet Place

For the Record

ANNE ARUNDEL COUNTY ROADS - CENTRAL SERVICES GARAGE - 300 West Central Avenue, Davidsonville, MD 21035. (97SW1388) General permit registration for stormwater associated with industrial activity

CAMPBELL SAND & GRAVEL COMPANY. - Crofton, MD (95-SP-0478) Modification and renewal for a surface mine permit located along Conway Road

CAROUSEL CLEANERS - 7389-J Baltimore Annapolis Boulevard, Glen Burnie, MD 21061. (02-6-0947 N) Air general permit to construct for one dry cleaning machine

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

CITY OF ANNAPOLIS - 160 Duke of Gloucester Street, Annapolis, MD 21401. (00-23-1110) Sewerage permit to upgrade a wastewater pumping station at Forest Drive and Newtowne Drive

GLEBE HEIGHTS COMMUNAL TREATMENT AREA - 550 Loch Haven Road, Mayo, MD 21037. (99DP2602) Groundwater municipal discharge permit

LAUREL SAND & GRAVEL, INC. - Brock Bridge Road, Annapolis Junction, MD 20701. (02-6-0948 N) Air permit to construct for 400 tph drum mix asphalt plant with baghouse

RE MOMO - 7000 Arundel Mills Circle, Suite R3, Hanover, MD 21706. (02-8-0179 N) Air general permit to construct for one charbroiler

SWEENEY'S BUS TRANSPORTATION - 104 Metispa Drive, Severna Park, MD 21146. (97SW1389) General permit registration for stormwater associated with industrial activity

BALTIMORE CITY

AMERADA HESS CORPORATION - 6200 Pennington Avenue, Baltimore MD 21226. (24-9-0102 M) Air permit to construct for modify loading bay to handle gasoline

ATC LOGISTICS OF MARYLAND, INC. - 2908 Childs Street, Baltimore, MD 21226. (21-9-0911 N) Air general permit to construct for three 10,000 gallon gasoline above ground storage tanks

CANTON TERMINAL - 4201 Boston Street, Baltimore, MD 21224. (2001-OGR-9696) General permit for treated groundwater from oil contaminated sources

DR. ROLAND N. PATTERSON ACADEMY #82 - 4701 Greenspring Avenue, Baltimore, MD 21209. (24-5-1493 & 1494 N) Air general permit to construct for two boilers < 10 MMBTU

FRANCIS WOOD ALTERNATE (#178) - 100 Calhoun Street, North, Baltimore, MD 21223. (24-4-3051 & 3052 N) Air general permit to construct for two boilers < 10 MMBTU

GRACE DAVISON - 5500 Chemical Road, Baltimore, MD 21226. (24-7-0951 M) Air permit to construct for one pneumatic conveyor/filter

JOHN RUHRAH ELEMENTARY SCHOOL #228 - 701 S. Rappolla Street, Baltimore, MD 21224. (24-4-3055 & 3056 N) Air general permit to construct for two boilers < 10 MMBTU

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

age tank and transportation

LENMAR, INC. - O'DONNELL STREET - 4701 O'Donnell Street, Baltimore, MD 21224. (24-01056-7-1673N) Air quality permit to operate

MARYLAND STADIUM AUTHORITY HAMBURG ST. GENERATOR PLANT - Hamburg & South Eutaw Street,

Baltimore, MD 21230. (24-9-0900 & 9-0901 R) Air permit to construct for Supersede Permit #24-9-0900 & 09-0901

MOTIVA ENTERPRISES LLC - BALTIMORE TERMINAL - 2400 Petrolia Avenue, Baltimore, MD 21226. (24-510-00728) Air quality part 70 operating permit

RICHARD ROGER O'KEEFE, JR. AND KYONG HWA O'KEEFE, 1612 Regal Drive, Sykesville, MD 21784. Certificate of Completion issued by the Voluntary Cleanup Program for the 5.0-acre Baltimore Camden Yards property located at 901 West Ostend Street, Baltimore, MD 21230

ROBERT COLEMAN ELEM. SCHOOL #L14 - 2400 Windsor Avenue, Baltimore, MD 21216. (24-4-3057 N) Air general permit to construct for one boiler < 10 MMBTU

ROBERT POOLE MIDDLE SCHOOL #56 - 1300 36th Street, West, Baltimore, MD 21211. (24-5-1491 & 1492 N) Air general permit to construct for two boilers < 10 MMBTU

TRIGEN INNER HARBOR EAST COMPLEX - Fleet St. and Central Avenue, Baltimore, MD 21202. (24-9-0908 N) Air permit to construct for one generator

TRIGEN INNER HARBOR EAST, L.L.C. - Fleet Street & Central Avenue, Baltimore, MD 21202. (24-5-1424 through 14270 A) Air general permit to construct for four natural gas boilers >10 MMBtu

U.S. FLEET SERVICES, INC. - 2233 Southport Avenue, Baltimore, MD 21226. (2001-OPV-3321) Oil operations permit for transportation

UNITED STATES CAN COMPANY, 1125 Gas-ket Drive, Elgin, IL 60120. Certificate of Completion issued by the Voluntary Cleanup Program for the 5.0-acre Baltimore Camden Yards property located at 901 West Ostend Street, Baltimore, MD 21230

BALTIMORE COUNTY

ALLISON TRANSMISSION- BALTIMORE OPERATIONS - 10301 Philadelphia Road, White Marsh, MD 21162. (2001-OPT-9230) Oil operations permit for above ground storage tank and transportation

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Avenue, Towson, MD 21204. (00-22-1148) Sewerage permit to construct Honeygo Run interceptor sewers along Joppa Road and Snyder Lane

CHC, INC. - 8801 Wise Avenue, Dundalk, MD 21222. (03-00127) Air quality permit to operate

COBBLERS & CLEANERS - 10113 Reisterstown Road, Owings Mills, MD 21117. (03-6-2615 N) Air general permit to construct for one dry cleaning machine

DIAMOND CLEANERS - 1204 Reisterstown Road, Pikesville, MD 21208. (03-6-2616 n) Air general permit to construct for one dry cleaning machine

GAMSE LITHOGRAPHING COMPANY, INC. - 7413 Pulaski Highway, Baltimore, MD 21237. (03-

6-2376 & 6-2377 N) Air permit to construct for two printing presses

HEIDTMAN STEEL PRODUCTS, INC. - 2121 Grays Road, Baltimore, MD 21222. (03-6-2618 through 2620 N) Air general permit to construct for three direct fired heaters

LIBERTY ELEMENTARY SCHOOL #64 - 3901 Maine Avenue, Baltimore, MD 21202. (24-2-3053 & 3054 N) Air general permit to construct for two boilers < 10 MMBTU

LOCKHEED MARTIN CORPORATE AIR-CRAFT - 2830 Strawberry Point Road, Baltimore, MD 21220. (03-6-2614 N) Air permit to construct for one paint spray booth

MT. ROYAL PRINTING COMPANY - 6310 Blair Hill Lane, Baltimore, MD 21209. (03-6-2612 & 2613 N) Air permit to construct for one printing press

CALVERT

NAVAL RESEARCH LABORATORY - 5813 Bayside Road, Chesapeake Beach, MD 20732. (99DP2519) Surface municipal discharge permit

PERRY G BOWEN, JR - Prince Frederick, MD (95-SP-0494) Renewal for a surface mine permit located on Sixes Road

CAROLINE

UPLANDS GOLF COURSE - 23780 Thawley Road, Denton, MD 21629. (00DP3330) Groundwater industrial discharge permit

CARROLL

CARROLL COUNTY DEPARTMENT OF PUBLIC WORKS - 225 North Center Street, Westminster, MD 21157. (00-25-1073) Sewerage permit to construct plant effluent cooling system at the Hampstead Wastewater Treatment Plant

NORTH CARROLL SHOPPING PLAZA - 2230 Hanover Pike, Hampstead, MD 21074. (00DP3154) Groundwater municipal discharge permit

SOUTHERN STATES COOP. INC.-CARROLL/HOWARD PETRO. - 121 John Street, Westminster, MD 21157. (2001-OPT-4462) Oil operations permit for above ground storage tank and transportation

TOWN OF HAMPSTEAD - 1034 South Carroll Street, Hampstead, MD 21074. (00-14-1146) Water permit to construct a water storage tank at the north end of North Carroll Plaza

WANTZ CHEVROLET - 505 E. Baltimore Street, Taneytown, MD 21787. (06-6-0281 N) Air general permit to construct for one paint spraybooth

CECIL

CECIL COUNTY AIRPORT - RAIN TREE - 166 Raintree Lane, Elkton, MD 21921. (97SW1387) General permit registration for stormwater associated with industrial activity

LEE OIL - 580 Aiken Avenue, Perryville, MD 21903. (2001-OPV-2458) Oil operations permit for transportation

ROBERT F. THOMAS - 1920 Jacob Tome Memorial Highway, Port Deposit, MD 21904. (2001-OPV-2624) Oil operations permit for transportation

STANCILLS, INC. - Perryville, MD (77-SP-

0090-B) Renewal and modification for a surface mine permit located on Mountain Hill Road

W.L. GORE & ASSOCIATES, INC. - 100 Airport Road, Elkton, MD 21921. (07-6-0178 N) Air permit to construct for one PTFE process line

W.L. GORE & ASSOCIATES, INC. - 501 Vieve's Way, Elk Mills I, Elkton, MD 21921. (07-9-0107 N) Air permit to construct for one 6000 gallon above ground storage tank

W.L. GORE & ASSOCIATES-APPLETON S. - 100 Airport Road, Elkton, MD 21921. (07-6-0181 N) Air permit to construct for one PTFE process line

CHARLES

AUTOMATED GRAPHIC SYSTEMS - 4590 Graphics Drive, White Plains, MD 20695. (08-6-0109 N) Air permit to construct for one printing press

CHARLES COUNTY MUNICIPAL LANDFILL - 12305 Billingsley Road East, Waldorf, MD 20602. (2000-WMF-0076) Solid waste municipal landfill permit

LACKEY HIGH SCHOOL WWTP - 3000 Chicamuxen Road (Route 224), Indian Head, MD 20640. (99DP0744) Surface municipal discharge permit

FREDERICK

EASTALCO ALUMINUM COMPANY - 5601 Manor Woods Road, Frederick, MD 21703. (10-7-0112 M) Air permit to construct for one dust collector

FRANKLIN WILLIAMS FARM - 15210-C Motters Station Road, Rocky Ridge, MD 21778. (S-00-10-4687-A) Sewage sludge application on agricultural land

GARRETT

COLUMBIA NATURAL RESOURCES - Buckhannon, WVa. (55-SP-0011) Renewal for a Oil and Gas permit located Route 50

DEEP CREEK QUARRY LLC - 554 Crabtree Bottom Road, McHenry, MD 21541. (2000-OPT-5157) Oil operations permit for above ground storage tank and transportation

GARRETT COUNTY SANITARY DISTRICT, INC - 313 East Alder Street, Oakland, MD 21550. (00-14-1001) Water permit to construct a water storage tank at Grantsville / Northern Garrett Industrial Park, Negro Mountain, Town of Grantsville

GARRETT COUNTY SANITARY DISTRICT, INC - 313 East Alder Street, Oakland, MD 21550. (00-11:16-1018) Water permit to improve the water system for the Grantsville / Northern Garrett Industrial Park, US Route 40A, Town of Grantsville

GARRETT COUNTY SANITARY DISTRICT, INC - 313 East Alder Street, Oakland, MD 21550. (00-22:23-1120) Sewerage permit to construct a wastewater pumping station and a force main, 0.85 mile north from the intersection of Dorsey Hotel Road and Route 40

MIKE ROSS, INC. - Coalton, WVa. (53-GO-0136) Renewal for a Oil and Gas permit located Paul Frederick Road

PATRIOT MINING CO., - Swanton, MD (SM-98-431) Modification to Coal Mining Permit

TEXAS EASTERN TRANSMISSION CORPO-

For the Record

RATION – Houston, TX (79-SP-0115) Renewal for an Oil and Gas permit located Accident

HARFORD

ATLANTIC ENVIRONMENTAL SERVICES - 506 Pulaski Highway, Joppa, MD 21085. (2000-OPT-8480) Oil operations permit for above ground storage tank and transportation

ATTENTION TO DETAIL AUTO SALON - 120 North Paradise Road, Havre De Grace, MD 21078. (99DP3296) Groundwater industrial discharge permit

CHURCHVILLE AUTO BODY - 3045 Churchville Road, Churchville, MD 21028. (12-6-0354 N) Air permit to construct for one paint spray booth

J.M. HUBER CORPORATION - HAVRE DE GRACE - Fountain & Adam Streets, Havre De Grace, MD 21078. (2001-OPT-3260) Oil operations permit for above ground storage tank and transportation

ROYAL FARM STORE # 95 - 3606 Conowingo Road, Street, MD 21154. (12-9-0297 N) Air general permit to construct for one 20,000 gallon gasoline underground storage tank

U. S. ARMY GARRISON - Building 4304, APG, MD 21005. (00-REV-1168) Sewerage permit to revise Permit No. 00-22:23-1040 dated May 5, 2000

U.S. ARMY ABERDEEN PROVING GROUND-EDGEWOOD - Bush River Road, Aberdeen Proving Ground., MD 21010. (24-025-00082) Air quality part 70 operating permit

HOWARD

HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING - 3450 Court House Drive, Ellicott City, MD 21043. (00-22-1037) Sewerage permit to construct force main along Old Frederick Road from MD Route 99 northeasterly

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 3450 Court House Drive, Ellicott City, MD 21043. (00-12-1081) Water permit to lay water mains along Dorsey Run Road in Scarlett Oaks Subdivision

ICE CREAM PARTNERS USA, LLC - 9090 Whiskey Bottom Road, Laurel, MD 20723. (13-5-0110 N) Air general permit to construct for one boiler > 10 MMBtu

JOHNS HOPKINS UNIVERSITY - APPLIED PHYSICS LAB - 11100 Johns Hopkins Road, Building 25-228, Laurel, MD 20723. (99DP2058) Groundwater industrial discharge permit

PARKER FUEL CO. INC. - 9319 Baltimore National Pike, Ellicott City, MD 21042. (2001-OGT-2564) General permit for storm/hydrostatic test water from oil terminals

MONTGOMERY

BLUE MASH GOLF COURSE, LLC. - 5821 Olney-Laytonsville Road, Laytonsville, MD 20882. (00-25-1089) Sewerage permit to construct a wastewater treatment plant in the vicinity of MD Route 108 and Muncaster Road

CLARKSBURG VILLAGE PARTNERSHIP - 6820 Elm Street, McLean, VA 22101. (00-22-1131) Sewerage permit to construct gravity sewers along Stream Valley, east of Frederick Road to Greenridge

Acres Subdivision

F.O. DAY BITUMINOUS CO. - PINEY MEETING HOUSE AVENUE - 13900 Piney Meeting House Road, Rockville, MD 20850. (15-01361) Air quality permit to operate

GREENRIDGE ACRES PARTNERSHIP - 6820 Elm Street, McLean, VA 22101. (00-22-1143) Sewerage permit to construct gravity sewers along New Cut Road from Frederick Road east 1200 feet

GREENRIDGE ACRES PARTNERSHIP - 6820 Elm Street, McLean, VA 22101. (00-12-1133) Water permit to lay water mains along New Cut Road from Frederick Road east 1200 feet

MOBIL #16-GQM - 5201 River Road, Bethesda, MD 20816. (2001-OGR-9661) General permit for treated groundwater from oil contaminated sources

NATIONAL NAVAL MEDICAL CENTER - 8901 Wisconsin Avenue, Buildings 14-0143, 16, Bethesda, MD 20889. (2000-OPT-3360A) Oil operations permit for above ground storage tank and transportation

PEPSI BOTTLING GROUP - 3325 Briggs Chaney Road, Silver Spring, MD 20904. (00DP3111) Surface industrial discharge permit with groundwater option.

PRINCE GEORGE'S

AMOCO SS#605 - 9019 Woodyard Road, Clinton, MD 20735. (2001-OGR-9644) General permit for treated groundwater from oil contaminated sources

D C EARTHMOVERS INC. - Hyattsville, MD (93-SP-0439) Renewal of a surface mine permit located near D'Arcy Road

HENRY GAY OLDSMOBILE, INC. - 13603 Baltimore-Washington Boulevard, Laurel, MD 20707. (16-6-1089 N) Air permit to construct for one paint spray booth

KELLY PRESS INC. - 1701 Cabin Branch Drive, Cheverly, MD 20785. (16-6-1084 N) Air permit to construct for one Heidelberg Speedmaster SM 102 press

ROCKHILL SAND & GRAVEL CORPORATION - Brandywine, MD (82-SP-0128-A) Renewal of a surface mine permit located near Letcher Road

QUEEN ANNE'S

R B BAKER & SONS INC - Queenstown, MD (77-SP-0112-A) Renewal issued for a surface mine located on Maryland Route 18

SOMERSET

RUDOLPH HALL - Marion, MD (88-SP-0278-B) Permit issued for a surface mine located near Rumbly Point Road

ST. MARY'S

LEONARD E. KESSLER T/A KESSLER DEVELOPMENT - Lexington Park, MD (93-SP-0445-A) Permit issued for a surface mine located Maryland Route 235

TALBOT

EAGLE TRANSPORT CORPORATION-PETRO TRUCKSTOP - 32694 Reeses Landing Road, Cordova, MD 21625. (2001-OPV-2296) Oil

operations permit for transportation

HOWARD MEREDITH PROPERTY TA-33 - 28957 Queen Anne Highway, Wye Mills, MD 21679. (S-00-20-3530-A) Sewage sludge application on agricultural land

MCMAHAN OIL COMPANY, INC. - 930 Port Street, Easton, MD 21601. (2001-OGT-4293) General permit for storm/hydrostatic test water from oil terminals

PAUL T. EWING, INC - Easton, MD (77-SP-0144-C) Renewal issued for a surface mine located near Route 328

WASHINGTON

BLUE SEAL FEEDS, INC. - 11431 Hopewell Road, Hagerstown, MD 21741. (97SW1385) General permit registration for stormwater associated with industrial activity

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

IMPROVED ORDER OF RED MEN CONOCOCHÉ - 16129 Lappans Road, Williamsport, MD 21795. (21-8-0049 N) Air general permit to construct for one charbroiler

MAACO AUTO PAINTING & BODYWORK - 1101 Conrad Court, Hagerstown, MD 21740. (21-6-0504 & 0505 N) Air permit to construct for two paint spray booths

RAMADA INN & CONFERENCE CENTER - 901 Dual Highway, Hagerstown, MD 21740. (21-6-0050

N) Air general permit to construct for one charbroiler WASHINGTON COUNTY WATER AND SEWER DEPARTMENT - 16232 Elliott Parkway, Williamsport, MD 21795. (00-22:23-1095) Sewerage permit to construct a wastewater pumping station and a force main along Railway Lane

XERXES CORPORATION - 16404 Elliott Parkway, Williamsport, MD 21795. (24-043-00184) Air quality part 70 operating permit

WICOMICO

EAGLE TRANSPORT CORPORATION-FLETCHER DIESEL - 8580 Memory Garden Lane, Hebron, MD 21830. (2001-OPV-5479) Oil operations permit for transportation

US MARINE - 2305 Northwood Drive, Salisbury, MD 21801. (22-6-0146 & 0147 N) Air general permit to construct for two Heaters < 10 MMBTU

WORCESTER

DAVID W. BRUNING FARMS - 8513 Cedartown Road, Snow Hill, MD 21863. (S-00-23-3890-A) Sewerage sludge application on agricultural land

MERIAL SELECT, INC. - 10026 Main Street, Berlin, MD 21811. (23-00026) Air quality permit to operate

MID ATLANTIC FOODS, INC. - 1842 Broad Street, Pocomoke City, MD 21851. (99DP2091) Surface industrial discharge permit

TOWN OF OCEAN CITY DEPARTMENT OF PUBLIC WORKS - P. O. Box 158, Ocean City, MD 21842. (00-11-1153) Water permit to lay water mains north of MD Route 50 and MD Route 528 intersection

ASK Continued from Page 4

Collection Facility License.

The need for these approvals is based on the specific activities you will be performing at your business. No one permit covers all the possible services a shop may provide. In addition to the required permits, there are regulations you have to comply with. MDE has regulations that govern the storage, handling and disposal of used oil and used oil filters, used batteries, hazardous waste, and used rags among other items. MDE also has regulations for nuisance odors, spills, and other actions.

If you have more questions about your permitting requirements, contact the Environmental Permits Service Center at (410) 631-3772. The Environmental Permits Service Center can arrange a meeting for you with representatives from the various MDE pro-

grams that may permit your business's activities. Additionally, your business may require local or State approvals from other agencies such as zoning or the local fire marshal. The Department of Business and Economic Development's Business License Information System at www.blis.state.md.us is a good source of information about all state permitting needs.

Although the information provided in this column is 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 to find out how the regulations may apply to your situation.

TIRES Continued from Page 3

championship events.

Fair Hill Natural Resources Management Area is a 5,613 acre tract, where multiple management practices are employed for the maximum use and protection of Maryland's natural resources. Fair Hill's attractions include the turf course, where equestrian steeplechase, tim-

ber course and flat races are held.

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

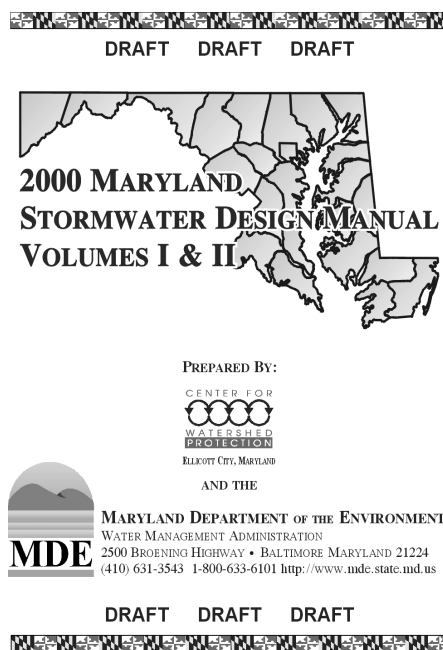
RUNOFF

Continued from Page 1

at (410) 631-3543 for more information concerning pricing and availability.

Changes were made to the 2000 Maryland Stormwater Design Manual, Volumes I & II, April 2000 prior to adoption. The changes were non-substantive and in many cases correct minor typographical or grammatical errors. Replacement pages for the April 2000 version of the manual are available in PDF format from MDE's website or by contacting the Nonpoint Source Program.

MDE also has produced a "Model Stormwater Management Ordinance, July, 2000." This model ordinance provides guidance and establishes minimum criteria for county and municipal code development relating to the revised stormwater management regulations (COMAR 26.17.02). While all local development review and approval processes are unique, MDE will use this document as a template to ensure that all stormwater management



ordinances contain the minimum requirements for effective program implementation. The July 2000 "Model Stormwater Management Ordinance" is available in PDF format on MDE's website or by contacting the Nonpoint Source Program as well.

Volunteers plant more than 120 miles of forest buffers since spring

In 1996, Governor Parris N. Glendening pledged to create 600 miles of new riparian forest buffers by the year 2010. Answering his call, Marylanders have restored in excess of 329 miles of forest along our waterways in the past four years as part of the Maryland Department of Natural Resources' (DNR) Stream ReLeaf program. This spring alone, DNR and volunteers planted more than 120 miles as part of this effort.

Many Marylanders are now planning fall planting projects on their property and neighborhoods. The Forest Service has recently completed a new brochure describing Stream ReLeaf. The brochure helps citizens plan reforestation projects, outlines volunteer programs and offers

useful information. "Currently, we are planting 10 times more buffers each year than were planted prior to 1996. As these streamside forests grow, they will filter nutrients and sediment, shade streams, add food sources for aquatic life, and help stabilize stream banks," said Department of Natural Resources (DNR) Secretary Sarah Taylor-Rogers, Ph.D. "Many thanks go to the foresters and volunteers who worked hard to establish these areas that are so important

Public meetings & hearings

Air & Radiation Management Administration

visory Committee Meeting
Terry Kuta, (410) 631-3305

November 21, 2000—10 a.m. Point Breeze Restaurant Wood Paneled Conference Room, 2200 Broening Highway, Baltimore

Public hearings concerning proposed amendments to air quality regulations and consent orders

(See details in "Department Holds Air Quality Hearings.")

Deborah Rabin, (410) 631-3240

Waste Management Administration

November 8, 2000—2:00 – 4 p.m. MDE, Chesapeake Room, 2500 Broening Highway, Baltimore

Governor's Oil Spill Prevention Ad-

November 8, 2000—7:30 p.m. Fort Detrick, Building 810, Conference Room 3, Frederick

Restoration Advisory Board Meeting for the Fort Detrick site

John Fairbank, (410) 631-3440

November 22, 2000—2:00 – 4 p.m. MDE, Chesapeake Room, 2500 Broening Highway, Baltimore

Governor's Oil Spill Prevention Advisory Committee Meeting

Terry Kuta, (410) 631-3305

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

RECYCLE

Continued from Page 1

room!) will be entered to win a trip to Disney World. America Recycles Day efforts in Maryland are sponsored by the Maryland Department of the Environment, Maryland Department of Transportation, American Plastics Council, Verizon Communications' Directory Services, the Harford County Office of Recycling, the Howard County Bureau of Environmental Services, Middle River Aircraft Systems, Partners Quality Recycling Services and Southeast Paper Recycling Company. Look for public service announcements on Baltimore's WJZ TV-13. Pledge cards are available in county public libraries or visit the Maryland Recyclers Coalition's web site at www.marylandrecyclers.org to pledge on line.

Celebrate America Recycles Day with MDE at Port Discovery, the kid powered museum, in downtown Baltimore on Nov. 15. From 9 a.m. to 2 p.m., MDE along with the American Plastics Council and Maryland Recyclers Coalition, will have interactive-educational displays showing the benefits of recycling for children. MDE's mascot, Captain Cleanup, will be making a guest appearance as well.

to our environment and communities."

Throughout the state, DNR is monitoring streamside forest buffers created through this effort for tree survival. Results from last year's pilot study in two watersheds suggest that 80 percent of the sites meet minimum survival standards, despite the drought of the summers of 1998 and 1999. To reinforce sites that have lower survival, DNR is replanting to supplement the surviving trees, increasing tree density well above 200 trees per acre.

An interesting finding of the study was that 40 percent of young trees found in the buffer had naturally regenerated among the planted seedlings. That finding demonstrates that when we allow, nature can help return these sites to their natural state.

DNR foresters can help landowners or communities plan planting projects. To request a brochure or to find out how to contact your county's DNR forester, call 410-260-8531 or toll-free in Maryland at 877-620-8DNR, extension 8531.

WETLAND

Continued from Page 6

which enable MDE staff to review projects during the planning stages in cooperation with local governments. Using this strategy, all regulatory requirements can be addressed, contradictory requirements can be identified, and an environmentally sensitive project can be designed that complies with both state statutes and local ordinances.

Wetland protection and management in Maryland continues to achieve the state's no-net loss goal. A tidal wetland permit or license must be obtained before a person fills, dredges, or otherwise alters a tidal wetland. Similarly, a nontidal wetlands and waterways permit is required for grading or filling activities, excavation or dredging, changing existing drainage patterns, disturbing the water level or water table, or destroying or removing wetland vegetation.

Questions about this goal can be directed to MDE's Water Management Administration at (410) 631-8091. Questions about MFR should be directed to John Mitchell at (410) 631-3772 or via e-mail at jmitchell@mde.state.md.us.

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Baltimore MD 21224

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