

MD Environment

Maryland Department of the Environment

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Legislature weighs septic system issues

By Dane Bauer

Maryland legislators and guardians of the environment are grappling with proposals that would help curb the evident and potential impact of failing septic systems on the state's waterways.

There are approximately 400,000 septic systems in use in Maryland today. Regulations initially enacted in the late 1970s governing appropriate placement of septic systems and other requirements are implemented by county health departments and have greatly improved the function of septic systems.

But despite these advances, approximately 30,000 septic systems are known to be failing. Septic systems fail because either the system or drain fields become clogged due
See SEPTIC, Page 5



A crane clears debris from an area at the Naval Training Center-Bainbridge in Cecil County.

After 11 years, Bainbridge is finally clean

By Bill Schmidt

February 14 took on additional meaning for personnel in the Maryland Department of the Environment's (MDE) and the

U.S. Navy as they broke their ties with the Naval Training Center-Bainbridge (NTCB). That day a ceremony was held at NTCB to celebrate the transfer of the property from the Navy to the Bainbridge De-

velopment Corporation, who will write the next chapters in that 1,185-acre site's history.

The former Naval Training Center –
See CLEAN, Page 12

'Baghouse' use helps clear the air

By Bob Maddox

Industry has had many impacts on our lives and on our planet. Industry has made living more convenient and more comfortable, as well as more complex.

Industry has also made major impacts on the environment, affecting air, water, and soil in very detrimental ways. Citizens, governments, and businesses have long recognized the changes made to the natural environment and the adverse effects on

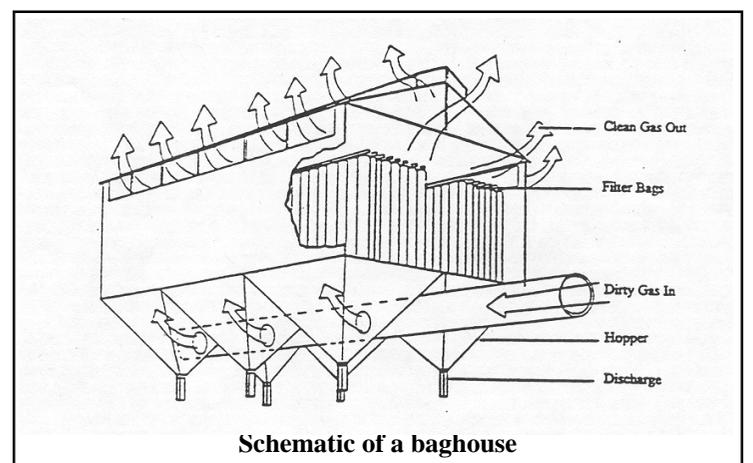
public health from industrial processes. The action of citizens, the passage of laws, and new technology have produced positive results in controlling pollution from stationary sources such as chemical plants, manufacturing plants, paper mills, and utility plants.

Some methods to control air pollutant emissions require "add-on" control devices, or special equipment that captures or destroys the pollutants. This article will describe how and where one control devices—

the baghouse – is used to control air pollution.

The baghouse

Some air pollution is in the form of particulate matter,
See BAG, Page 3



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MDEnvironment

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PHOTO COURTESY GOVERNOR'S PRESS OFFICE

Gov. Parris N. Glendening left, with Baltimore Mayor Martin O'Malley, center, moments before a press conference to announce additional funding to fight lead poisoning in the state. They are joined by U.S. Environmental Protection Agency Administrator Carol Browner, right and Sen. Clarence Blount in the rear.

Governor expands lead enforcement

State, Baltimore put more than \$50 million into prevention efforts

Declaring that the state must aggressively expand its efforts to protect children from the tragedy of lead poisoning, Governor Parris N. Glendening recently announced a comprehensive plan to significantly reduce the likelihood that children in low-income neighborhoods, particularly in Baltimore City, will be exposed to toxic lead in the future. Joined by Baltimore Mayor Martin O'Malley, EPA Administrator Carol Browner, and other State and local officials, the Governor announced a plan to direct \$15.6 million in new State funding over the next three years to enforce existing laws, prevent further lead poisoning, and improve conditions in homes in order to make them safe and lead-free. Combined with the anticipated contribution from Baltimore City (\$18 million

over three years) as well as existing state (\$8.7 million) and federal (\$8.1 million) funding, the total plan to reduce child lead poisoning would total over \$50 million over the next three years.

"Many of our children, particularly poor, African-American children from Baltimore City, are suffering from the tragedy of lead poisoning," said Governor Glendening. "If children ingest a lead paint chip or inhale lead paint dust, their future is endangered and their life can be destroyed due to heart-breaking, devastating, and in some cases deadly diseases. Working with the General Assembly and the City of Baltimore, we will enact this aggressive and comprehensive plan to attack lead poisoning. Our proposal will dramatically reduce this tragedy both immediately and in the long-term, and

will literally save thousands of children's lives."

"We are taking a multi-faceted approach to solving the lead poisoning dilemma facing the City of Baltimore," said Mayor O'Malley. "Through increased inter-agency coordination, strengthening of enforcement of lead paint violations and a proactive lead poisoning reduction plan, we will begin to seriously intervene in the poisoning of our children that has gone unabated for too long."

The Governor's plan to attack lead poisoning targets three Baltimore neighborhoods with the most serious incidents of lead poisoning (including Sandtown and Park Heights). The plan addresses current needs in the fight against lead poisoning

See LEAD, Page 12

Make sure you count: complete Census 2000

Every 10 years our nation takes a self-portrait: the census. The quality of that portrait will influence the quality of your life for the next decade.

This decennial census is no small task and over the years the data collected has become less and less accurate. In fact, in the 1990 census more than 100,000 Marylanders were not counted. That undercount translated to nearly \$100 million in federal funding lost, every year for the past decade. Maryland cannot afford to not count our people again.

Census data is used, not only to help distribute federal funding, but for private and public planning. For example, census numbers help lawmakers determine where there is a need for urban renewal and community development programs. So, the Governor's Census 2000 Office is working in partnership with the U.S. Census Bureau and the Office of Planning to be sure every Marylander is counted, because every Marylander counts.

We can't do it alone. Everyone can help to ensure the goal of a complete count in

Maryland. The census is not just filling out your census forms. It's an opportunity. Thousands of jobs are available right now. Enumerators work in local areas visiting homes to obtain completed census questionnaires. Day, evening and weekend work is available. If you know someone looking for work or you can help call, (410) 767-3600 right now. The Governor's Census 2000 Office can help connect you with the right people, so you too can make a difference in Census 2000. This is your future. Don't leave it blank.

Despite winter's heavy snows, groundwater levels still low

Snowfall in January has had minimal impact on replenishing groundwater levels and reservoir supplies in the Maryland, Delaware, Washington, D.C. region, according to hydrologists at the U.S. Geological Survey (USGS) in Baltimore. This minimal impact is partly due to a slow snowmelt and frozen ground. Groundwater levels at the end of January have decreased throughout most of the area and remain below normal throughout the entire bi-state area. Contents of the Baltimore reservoir system decreased from 61.32 billion gallons in December to 60.74 billion gallons near the end of January, which was 83 percent of average and 88 percent of the figure calculated a year ago at the same time.

Flow into the Chesapeake Bay was 48 percent below average for the month of January and was estimated to be about 28.7 billion gallons per day. Flow into the Chesapeake was about half of January

1999 levels but still more than two times greater than the lowest January flow recorded in 1981. January streamflow has decreased in local streams and remains low for this time of year. Streamflow at the Potomac River near Washington, D.C. was about one-third of normal, 37 percent.

As the nation's largest water, earth and biological science and civilian mapping agency, the USGS works in cooperation with more than 2,000 organizations across the country to provide reliable, impartial scientific information to resource planners and other customers. This information is gathered in every state by USGS scientists to minimize the loss of life and property from natural disasters, contribute to sound conservation and the economic and physical development of the nation's natural resources.

USGS's water, biological, energy and mineral monitoring activities enhance the quality of life of all Americans.

Governor renews commitment to protect streams, wetlands, adds \$\$\$

Moving forward with his aggressive efforts to preserve Maryland's natural resources and protect the State's water quality, Governor Parris N. Glendening committed an additional \$10 million incentive to encourage farmers to enroll their land in the Conservation Reserve Enhancement Program (CREP). Under the program, farmers are reimbursed for removing environmentally sensitive farmland from production, and receive funding to plant buffers or wetlands next to streams. The program protects water quality in Maryland's rivers and streams, and enhances ecosystems by reducing soil erosion, controlling nutrient run-off and increasing wildlife habitat.

"This is a win-win program," said Governor Glendening. "It is good for farmers, who have the opportunity to get value for the lands they are setting aside for the environment. It is great for the environment, because it helps create natural protective buffers that capture runoff and preserve our waterways. This \$10 million investment in CREP is an investment in the future of the Chesapeake Bay and its

tributary streams."

Through CREP in Maryland, the U.S. See CREP, Page 6

BAG Continued from Page 1

which includes small liquid and solid particles. Particulate matter is also referred to as smoke, dust, fumes, or mist. One control method for particulate matter focuses on capturing the particles emitted by a source. Many industries with processes that generate particulate matter use the baghouse as a control device to capture and prevent particulate matter from entering ambient (outdoor) air.

The baghouse, or fabric filter, works on the same principle as a household vacuum cleaner. The gas stream passes through a woven fabric filter that removes the particles in the gas stream. The baghouse is very efficient at removing fine particles, but has the disadvantage of being very large — baghouses are, in fact, buildings, as the name suggests. The fibers used for fabric filters vary depending on the industrial application to be controlled.



Above members of the Maryland Department of the Environment Emergency Spill Response Team pump heating oil from a tanker truck that slipped from Severn River Road during recent snows. The incident occurred around Noon on Feb. 1 in Severna Park, Anne Arundel County.

Emergency response calls

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

2/1— 12:10 p.m. — overturned heating oil tanker, Severn, in Anne Arundel County.

2/2— 8:30 a.m. — overturned heating oil tanker, Rt. 108, in Mont-

gomery County.

2/9— 4:33 p.m. — diesel spill from truck, in Balto. Co.

2/12— 6:00 a.m. — diesel spill from truck, travel plaza, Balto. City.

2/14— 7:30 p.m. — overturned gasoline tanker Rt. 213 Centreville, Queen Anne's County.

Cotton is popular for simple, low-temperature applications. Wool filters work well in moist environments. Synthetic materials can withstand higher temperatures and can be more resistant to chemical reactions. Fabric filters have been used in the chemical, steel, asphalt, cement, food, metalworking, and carbon-black industries.

According to Craig Holdefer, a permit engineer with Maryland Department of the Environment's Air Quality Permits Program, there are over 60 asphalt companies in Maryland, and they all use baghouses.

"The baghouses commonly used by asphalt companies contain about 500 cylindrical bags, each about six inches in diameter, made of synthetic materials to withstand temperatures in excess of 300 degrees Fahrenheit," says Holdefer. "LaFarge, I.A. Construction, and F.O. Day are asphalt companies that use

baghouses of this type.

"Other companies using baghouses are Lehigh and ESSROC which produce portland cement," says Holdefer. "National Gypsum and U.S. Gypsum, companies in Baltimore City, use baghouses for the manufacturing of wallboard."

The fabric filter is highly efficient at removing fine particles and can exceed efficiencies of 99 percent in most applications. Fabric filters are cleaned by shaking or vibrating the particles from them. The particles fall into a hopper for disposal.

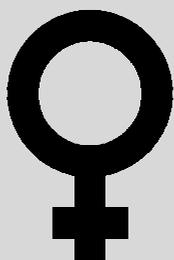
Advantages of fabric filters

- High collection efficiency;
- Effective for a wide range of dust types;
- Modules can be factory assembled.

Disadvantages of fabric filters

- Require large amount of space;
- Have temperature limitations;
- Tears and leaks in fabric can decrease efficiency.

In future issues of *MDEnvironment*, look for articles that describe other methods and control devices used by industry to keep Maryland's air clean.



Women's History Month trivia/quiz

In honor of March being Women's History Month, MDE presents the following fact: The first female engineer in Maryland was Olive Dennis (c1880-1957). Dennis was the second woman to receive a civil engineering degree from Cornell University and was a research engineer for the Baltimore and Ohio Railroad for over 30 years.

Maryland buildings can be 'greener'

By Richard McIntire

Many Maryland contractors and homeowners are catching on to the trend in 'green building' construction and home improvement. By utilizing 'green' techniques and building products they are not only conserving energy and precious natural resources, but also making their projects more cost effective in the long run.

Dr. Mark Bundy is director of education in the Maryland Department of Natural Resources' Bay Policy and Growth Management section. He coordinates Maryland's 'Green Building' Program.

"Not only is where we build important, but also how we build," he said in a recent presentation at the 15th Annual Conference of the Maryland Association for Environmental & Outdoor Education. "Maryland's Green Building Program promotes an increased awareness of this issue and provides an environmentally friendly approach to the construction process. The way we build today doesn't mean we have to continue that way. Once we begin to change, we begin a trend."

Bundy's presentation explored the use of materials, techniques and designs, which promote healthier homes and environments. For instance, a wide array of building products on the market today are not produced from raw materials at all. They are fashioned from readily available recycled plastics, bottles, scrap tires, jugs and bags.

"Often times consumers do not know these products are even available, because they are not what we're used to, but they should ask for them in the store or make use of them part of the contract when dealing with a building professional," Bundy said. "All major home improvement centers stock or can make these types of items readily available. We just need ask."

Mixing plastic compounds with sawdust or other wood scraps that would otherwise be discarded makes lumber-like products like Choicedeck, Trex, and Hemasote. Their initial cost may be 50 to 70 percent higher, but that is recovered in less than five years in reduced maintenance expenses. Over the next 10 to 15 years more savings are realized, since the life expectancy of these products is 25 to 30 years compared to just over a decade for pressure treated lumber.

"And these items are designed so their life after usefulness is relatively benign in the waste stream," Bundy said.

Among the newer 'green' lumber products Bundy spoke of, is OSB or oriented strand board. It is made from the 60 percent of a tree that is typically considered waste during the traditional milling pro-

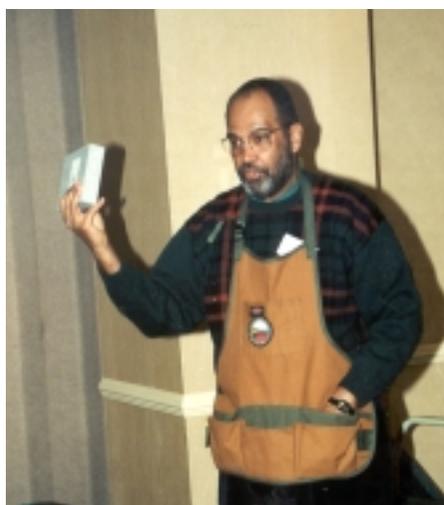


PHOTO BY RICHARD MCINTIRE

Dr. Mark Bundy holds up a building block totally made from recycled materials.

cess. OSB that is turned into I-beams are stronger, won't split or crack, use less wood, are potentially termite resistant and can cover greater spaces without support, like typical lumber.

For insulation green builders are using shredded paper-based compounds instead of fiberglass and rockwool. Boron and a pesticide are added to the paper mixture to make the wet or dry applied substance fire retardant and pest resistant. The paper compound, usually composed of discarded newsprint, has the same 'r-value' or heat resistance flow as traditional insulation products. Styrofoam and shredded blue jean material are also being tried. Bundy also advocated using 2x6 boards instead of 2x4s. It makes the gaps in walls that require insulation that much smaller, he said.

DuPont and Ray Anderson continue their work on 'green' flooring products like carpet that is made from pulverized plastic. The traditional method of carpet production is petroleum intensive and creates other hazardous by-products. The new technology uses plastic bottles to create beads that are spun into fibers that are in turn used to weave carpet. "And no, it doesn't feel like plastic," Bundy joked.

Other 'green' tips included:

- Using rain barrels; when attached to a home gutter spout they can be an alternative source of water for non-potable uses, like watering gardens, bird baths, or garden ponds;
- Increasing daylight options and use energy efficient light bulbs—some are only 15 to 25 watts but give off 75 to 100 watts of light; also install motion sensors to control lighting in and outside the home;
- Installing electrical socket plugs, not only do they keep children from inserting life-threatening items into them, they actually block the flow of excess air not stopped by insulation;
- Using only double or triple pane windows, whether in new or replacement applications;
- Buying "odor-free" or low volatile organic compound (VOC) paints; they improve indoor air quality;

See GREEN, Page 7

MDE shares its management goals with the community

Beginning with this edition of *MDEnvironment*, and in each successive issue, Maryland's Department of the Environment (MDE) will highlight one of its environmental and public health protection goals.

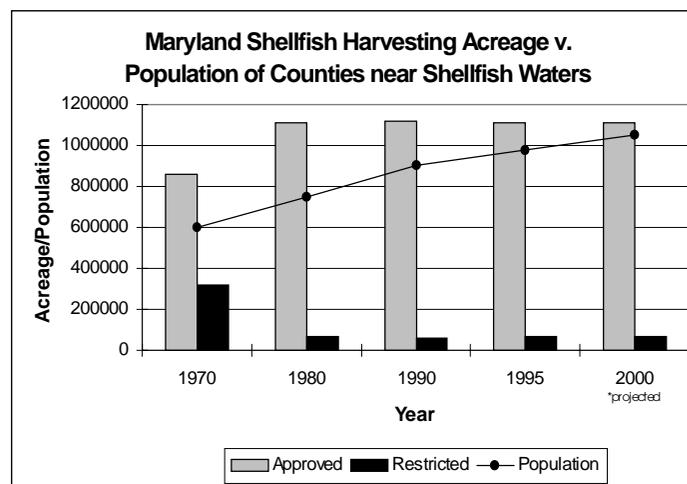
MDE developed nine environmental goals and six management goals to form the department's Managing Maryland for Results workplan. Gov. Parris N. Glendening created the Managing Maryland for Results (MFR) system which is a results-based approach to management that includes strategic planning, continuous quality improvement, and performance planning and evaluation. MDE's MFR workplan is the result of extensive collaboration, input and review by all organizational levels within the agency.

Highlighting the department's MFR goals is hoped to be informative to *MDEnvironment's* readers and the public about on-going activities to ensure a clean environment and excellent quality of life for all Marylanders. MDE requests readers' thoughts and comments on both MFR and specific goals. MDE's MFR Fiscal Year 2001 Workplan can be found at MDE's website: www.mde.state.md.us

"MFR is an excellent tool to facilitate oversight and improvement of MDE's responsibilities," said MDE Secretary Jane T. Nishida.

Goal #5 – Ensuring water is clean and safe for harvesting of fish and shellfish

The continued viability of Maryland's seafood industry and recreational fishing in the Chesapeake Bay depends on consumers' confidence that fish, oysters, and clams from the Chesapeake Bay and its tributaries are of the highest quality. Maryland's programs for management of these resources have been in place for decades and place strong emphasis on preventing harmful levels of pollutants from entering the waters of the state. MDE is also involved in monitoring the quality of shellfish harvesting waters and edible fish tissue to certify that they are safe for human consumption. Increased pressures on water quality of the Bay from population growth and expanded development in surrounding regions and watersheds present a huge challenge for maintaining this goal.



This line represents more than a 70 percent increase in the population of counties near shellfish harvesting waters over the past 30 years.

This departmental goal in this arena has three parts:

- (1) ensuring shellfish harvesting waters are safe;
- (2) adequately assessing contaminants in fish and shellfish tissue to assure that Maryland citizens are not exposed to undue carcinogenic or other health risk from fish and shellfish consumption, and;
- (3) managing and coordinating the interagency program to investigate fish kills in all waters of the state. This article focuses solely on the first component, shellfish harvesting. The other two components will be discussed in future articles.

Protecting shellfish harvesting waters

MDE's Technical and Regulatory Services Administration (TARSA) participates in the National Shellfish Sanitation Program (NSSP), a national cooperative program between State regulatory agencies and the US Food & Drug Administration. As required under the NSSP, TARSA routinely monitors harvesting waters for bacterial contamination and conducts shoreline surveys to identify pollution sources which have an impact on shellfish water quality. MDE's compliance with this program is necessary for Maryland's shellfish to be sold across state lines. Under Maryland law, MDE is given the authority to open or close shellfish harvesting areas for public health and safety reasons based on the information gathered during shoreline surveys and water quality samples collected in harvesting areas twice per month.

The accompanying bar graph represents the total acreage of waters approved for shell-

See GOALS, Page 5

SEPTIC Continued from Page 1

to poor maintenance, high water tables and other natural conditions that are not conducive to moving septic effluent away from the system. Traditionally, the remedy for failing septic systems has been to extend public sewer to those areas. Extensions of public sewer service are extremely costly ranging from \$10,000 to \$20,000 per home and, in some areas, are not practical from an engineering perspective.

Above and beyond the health threats posed by failing septic systems, septic systems have been identified as a source of ground and surface water contamination. Septic systems in use today are designed to move septic effluent away from the system as quickly as possible to avoid any build up of waste on the surface, which would pose a threat to public health. The result is that, in local watersheds, nitrogen loadings from septic systems range from 3 to 19 percent, according to Maryland's Tributary Strategy Teams. Nitrogen loadings from septic systems constitute approximately 6 percent of the total nitrogen load to surface water in the Chesapeake Bay, according to the Chesapeake Bay Program.

One of the most significant concerns about these loadings is the potential for nitrate levels to exceed the current drinking water standard of 10 parts per million in groundwater used for drinking water purposes. Since a significant number of Maryland citizens rely on groundwater as their primary source of drinking water, the prevalence of septic systems throughout Maryland creates the potential for far reaching impacts.

Two years of investigation and analysis by Maryland's Tributary Strategy Teams, the State Water Quality Advisory Committee and local health directors has culminated in a series of recommendations to address nitrogen contamination originating from septic systems. These recommendations were also endorsed by a Septic System Advisory Committee convened by Maryland's Department of the Environment and Office of Planning last fall. Two pieces of legislation, House Bill 283 and Senate Bill 210, have been introduced in the current General Assembly to implement the recommendations.

The potential of nutrient impacts from

GOALS Continued from Page 4

fish harvesting and the total acreage of waters where shellfish harvesting is restricted. While these acreage numbers have remained fairly constant from year to year, they do not reflect some of the real challenges now faced in ensuring public health protection and proper management or protection of Maryland's shellfish harvesting waters.

Because of increased development along shorelines over the past 30 years, the department's shellfish program staff are increasingly stretched to the limit. The department's current goal is to ensure that the total acreage of waters approved for shellfish harvesting remains constant. We have maintained this goal despite the environmental impacts related to increased population, such as more septic systems, more stormwater runoff, and less forest buffer. To address the continued challenge posed by the population increase and to ensure public health and environmental protection of shellfish harvesting waters, the department is seeking additional program management and field staff through the budget process.

Questions about Goal # 5 can be directed to Nan Lyon at (410) 631-3325. Questions about MFR, should be directed to John Mitchell at (410) 631-3772 or via e-mail at jmitchell@mde.state.md.us

septic systems varies depending upon local soils, geology and hydrology. It is for this reason that the Tributary Strategy Teams, the State Water Quality Advisory Committee and the Septic System Advisory Committee recommended an approach that would allow local jurisdictions the flexibility to tailor requirements to their specific conditions. The "areas of special concern" approach would require local jurisdictions to map areas in their county that have a high potential for nitrogen contamination and transport and determine whether those areas should be designated as an area of special concern. In designated areas of special concern, nitrogen removal technology would be required to be installed on all new systems and upon a modification to or replacement of an existing system. Replacement would be defined as installing a new septic tank or a new sewage disposal area.

The conditions identified as having significant potential for nitrogen contamination and transport are:

- areas where failing septic systems exist;
- areas used for drinking water supplies including wellhead protection, reservoir protection and aquifer recharge areas;
- Chesapeake Bay Critical Areas;
- areas with soils that have high nitrogen export potential;
- areas with karst or carbonate geology;
- coastal bay watersheds;
- areas where existing or future septic systems are a significant contributor to nitrogen contamination of surface and groundwater;
- and any other areas identified by local officials as requiring the use of nitrogen removal technology to address identified public health and water quality conditions.

Advances in technology have provided several nitrogen removal systems that can remove over 60 percent of the nitrogen emanating from septic systems. Two of those have been recommended by the Septic System Advisory Committee: denitrifying aerobic treatment units and recirculating sand

See LAWS, Page 11

MDE seeks citizen groups' info

The Maryland Department of the Environment is seeking contact information from citizen, neighborhood, and environmental, civic, homeowner and tenant organizations for a database that will be used to keep the public informed of environmental issues of interest.

Organizations should send their information (organization name, contact person, address, phone, fax and e-mail address and subject areas of interest) to Joan Weber, Office of Communications, 2500 Broening Highway, Baltimore, MD 21224. Information also may be e-mailed to jweber@mde.state.md.us.

COME TO THE GUNPOWDER WATERSHED FESTIVAL

****ON EARTH DAY, APRIL 22ND****

**AT OREGON RIDGE PARK
11-5 p.m.**

**TO CELEBRATE THE WATERSHED
AND LEARN OF EFFORTS TO PROTECT IT.**

**FUN ACTIVITIES, LIVE MUSIC, FOOD
ENVIRONMENTAL FAIR**

Organized by the Gunpowder Watershed Coalition

- Nature Walks
- Canoe Trip
- Big Watershed Game
- Bird Walks
- Youth Art Poster Contest
- Stream Activities
- Land Preservation Information
- Good Food (Vegetarian options)
- Environmental Fair
- Free Bus Shuttles from Hunt Valley Light Rail Station

**For further information:
Oregon Ridge Park Activities -
Contact - Mare Cromwell (410) 448-5106**

Volunteer Coordinator - Contact - Rebecca Rienzi (410) 366-8533

Oregon Ridge Nature Center - Contact - Kirk Dreier (410) 887-1816

**Educational (K-12) Activities -
Contact - Tina Bianca (410) 335-6470**

**Outlying Activities with bus transportation
(limited space, call ahead to make reservations) -**

**Gunpowder Watershed Coalition
P.O. Box 199, Glen Arm, MD 21057
www.gunpowdervalley.org
Festival Hotline: 410-448-5106**

MDE reopens Kent Narrows to oystering

Waterway will remain open until March 31

The Maryland Department of Environment (MDE) has announced that it will re-open Kent Narrows in Queen Anne's County to oyster harvesting, effective Monday, February 14, through the remainder of this year's season, which ends March 31. The decision to re-open the waters to harvesting was based upon a recent review of water quality of the area and a bacteriological analysis of shellfish.

The Kent Narrows area (see attached map) is normally closed to harvesting during most of the year because of high boat traffic, which can pose a pollution threat from overboard discharges. Because boat traffic in the Narrows is typically lighter during the winter's colder months MDE normally re-opens the area's shellfish beds during that time, if environmental health standards are met.

Oysters and clams are filter feeders with the ability to filter water to get their food from various microscopic organisms. If the water is polluted, the filtering process can potentially cause the oysters to ingest bacteria and viruses that are harmful to humans. As a result, shellfish, which are often eaten raw or partially cooked, must come from waters that are not polluted.

MDE frequently monitors bacteriologi-

cal water quality and conducts pollution source surveys to determine which areas are safe for harvesting of oysters and clams. The department is required to close areas that do not meet the strict water quality standards for shellfish harvesting waters and has a long-standing policy to open ar-

Agency earns award for video

Kudos are in order for MDE's Air and Radiation Management Administration's Mobile Sources Unit. The unit earned a 1999 Award of Distinction from *The Communicator Awards* for production of a driver's education video entitled, "Breathing Easy."

The 13-minute video stresses the effects of ground level ozone air pollution and responsible driving habits to reduce pollution.

The video was produced in conjunction with the Maryland Chapter of the American Lung Association and Maryland's Department of Housing and Community Development (DHCD).

The Communicator Awards' Award of Distinction is given for projects that exceed industry standards in production or communication skills. Only about 18 percent of entries receive the Award of Distinction designation.

The unit wishes to acknowledge MDE's

as to shellfish harvesting when water quality improves.

These actions ensure continuance of Maryland's reputation for safe and wholesome seafood products and maintain compliance with the National Shellfish Sanitation Program.

Margie Wise and DHCD's Brian Prince, producer/director of the project, for their efforts in particular.

"Breathing Easy" will be distributed to high school media centers across the state.

There were more than 3,200 entries from 49 states and seven other countries represented in the 1999 competition. Judges evaluate the clarity, creativity, and resourcefulness of each entry. They also consider the interaction between pictures, graphics and words. Entries are reviewed from the technical point of view of an experienced professional as well as that of a person who is the target of the material.

The Communicator Awards' national awards program recognizes outstanding work in the communications field and looks to recognize talents that serve as a benchmark for the industry.



Weber

Weber takes on MDE's community relations

The Office of Communications is pleased to announce the appointment of Joan Weber to the position of Community Relations Coordinator for Maryland's Department of the Environment.

Weber joins the office after having served as the Outreach Coordinator in the agency's Waste Management Administration.

Prior to arriving at MDE, less than a year ago, Weber worked at the Peabody Preparatory of the Johns Hopkins University.

Weber looks forward to working with community organizations at the grassroots level as a liaison to the department.

Community organizations, environmental groups and interested citizens are invited to contact Weber with any concerns. Her phone number is (410) 631-3014 and the e-mail address is jweber@mde.state.md.us.

CREP

Continued from Page 3

Dept. of Agriculture (USDA), the State, the Chesapeake Bay Foundation and Ducks Unlimited have now committed more than \$200 million as part of a 5-year agreement to voluntarily implement conservation practices and protect 100,000 acres of marginal or sensitive farmland along streams and rivers. Maryland's additional \$10 million enhancement will pay farmers a bonus of \$100 per-acre for land enrolled in the program and leverage additional federal incentives.

More information on enrolling in the Conservation Reserve Enhancement Program is available by calling, toll free, 1-877-4BUFFER.

Public meetings & hearings

Air and Radiation

Management Administration

March 13, 2000—10:30 a.m. Maryland National Capitol Park and Planning Commission, First Floor Auditorium, 8787 Georgia Avenue, Silver Spring

Public hearing for the State Implementation Plan (SIP), Phase II Attainment Plan, for the MD-DC-VA Nonattainment area
Jonathan Priday, (410) 631-6751

Technical and Regulatory Services Administration

March 20, 2000—7:00 p.m. Essex Branch Public Library Meeting Room, 1110 Eastern Boulevard, Essex

Public hearing for a request for a noise level variance filed by Brown's Refuse Inc., 335 Back River Neck Road, Baltimore. The variance would permit exceptions to the permissible noise levels at the adjacent property lines.

Dave Jarinko, (410) 631-3991

Water Management Administration

March 1, 2000—8:30 a.m. Maryland Department of Transportation, 2nd Floor Conference Room, 10 Elm Road, Linthicum

Public meeting of the State Board of Environmental Sanitarians

Patricia Kratochvil, (410) 631-3167

March 1, 2000—6:30 p.m. Carter State Office Building, Public Meeting Room, Government Center, 23115 Leonard Hall Drive, Leonardtown

Public informational hearing regarding State Water Appropriations Permit Application for Hanover Farm subdivision
Mark Filar, (410) 631-3591

March 16, 2000—10:00 a.m. Howard County Bureau of Utilities, 8250 Montgomery Road, Columbia

Public meeting of the Board of Waterworks and Waste System Operators
Patricia Kratochvil, (410) 631-3167

March 22, 2000—8:30 a.m. Maryland Department of the Environment, 2500 Broening Highway, TARSA's Conference Room, Baltimore

Public meeting of the State Board of Well Drillers

Patricia Kratochvil, (410) 631-3167

Waste Management Administration

March 1, 2000—7:00 p.m. Conococheague Elementary School Cafeteria, 12408 Learning Lane, Hagerstown

Public hearing to receive comments on tentative determination to issue a refuse disposal permit to the Washington County Commissioners for the

construction and operation of the 40 West Municipal Landfill

NOTE: In case of postponement due to snow, the meeting will be held on March 8, at the same location and time

Gail Castleman, (410) 631-3441 or Kassa Kebede, (410) 631-3375

March 9, 2000—9:00 a.m. Maryland Department of the Environment, Chesapeake Room, 2500 Broening Highway, Baltimore

Meeting of the Controlled Hazardous Substances Advisory Council

Emmanuel Ofoche, (410) 631-3441

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

Other happenings

March 21-24—The National Pollution Prevention Roundtable will hold its spring conference in Boston. Topics include: sustainable development, pollution prevention in hospitals, in the home and in landscaping, technical paper sessions, information tools and networks, regulatory integration and training. Call (202) 466-7964 for more info. or try their website at www.p2.org.



Enforcement & Compliance Notes

Air & Radiation Management Administration January 22 - February 16, 2000

W.L. Gore - Cecil County

MDE has received payment of \$24,000 from W. L. Gore in response to the Administrative Penalty assessed against the company in December 1999. The company was cited for installing and operating three boilers without first obtaining the required permits from MDE. The company has since applied for and received the necessary permits.

Status: Case Closed

Baltimore Aggregate Recycling — Baltimore City

On February 9th, MDE issued an Assessed Administrative Penalty in the amount of \$10,000 to Baltimore Aggregate Recycling for violations of Maryland's air quality permitting regulations. The company crushes waste concrete to be used in the construction industry. The company installed and operated a new crushing and screening operation without first obtaining the required permits from MDE, thereby circumventing the required public review process. The company has since applied for and received the permits.

Status: The Company has 30 days to pay or appeal the penalty. (Reference # ACP 99-11A)

COMSAT Corporation — Montgomery County

On February 9th, MDE issued a Complaint and Administrative Penalty against COMSAT Corporation for violations of Maryland's laws and regulations governing use of radioactive materials. The amount of the penalty is \$4,400. COMSAT's violations included operating with an expired Radioactive Materials License, operating without a Radiation Safety Officer, and record keeping violations.

Status: The Company has 30 days to pay or appeal the penalty. (Reference # RHP 99-11)

Godfrey K. Nuwame - Montgomery County

On February 9th, MDE issued a Complaint, Order, and Administrative Penalty against Godfrey K. Nuwame for violations of Maryland's laws and regulations governing use of radioactive materials. The amount of the penalty is \$20,000. Nuwame's violations included transferring a licensed moisture density gauge without prior notification to MDE, failure to maintain records of personnel radiation monitoring, failure to produce records of leak tests, and failure to pay annual license fees. The Order requires Nuwame to dispose of the gauge and to pay the unpaid license fees (\$2,493.50).

Status: Nuwame has 10 days to request a hearing on the Complaint and Order, and 30 days to pay or appeal the penalty. (Reference # RHP 99-5)

Waste Management Administration January 16 – February 11, 2000

Safety Kleen Inc., Laurel—Anne Arundel County

Safety Kleen Laurel facility has entered into a consent agreement with MDE to settle a notice of violation issued on August 17, 1999 for violations of their controlled hazardous substance permit following a fire at the facility. They have agreed to pay a \$40,000 penalty to the Controlled Hazardous Substances Fund in settlement of this matter.

Status: Settled (Ref# CO-00-023)

Danny's Service Center/Level Citgo—Harford County—

On January 3, 2000, MDE issued a complaint and civil penalty to Danny's Service Center/Level Citgo in Havre de Grace, Harford County. The complaint was issued for failure to obtain underground storage tank financial responsibility insurance for the period of December 1993 through July 12, 1999. A penalty of \$5,000 was assessed.

Status: Pending (Ref# COV-2000-011)

Duncan Petroleum Corporation—Caroline County

On February 8, 2000, MDE issued a

complaint, order and civil penalty to Federalsburg Super Soda, Federalsburg, Caroline County, owned by Duncan Petroleum Corporation. The complaint was issued for malfunctioning equipment and tampering with a safety device which can cause an immediate threat to public health and safety. A penalty of \$5,000 was assessed.

Status: Pending (Ref# COV-2000-014)

Lead Program Enforcement

A total of \$73,310 in penalties was assessed to property owners for failure to register their properties in Baltimore City, Baltimore, Allegany, and Prince George's counties.

Water Management Administration January 12 – February 14, 2000

Davis Concrete, Inc. —Harford County

On February 1, 2000, MDE and Davis Concrete, Inc. finalized an administrative consent order to resolve alleged NPDES permit violations at the redi-mix concrete facility located at 635 Old Philadelphia Road, Aberdeen, Maryland. The consent order requires Davis Concrete to implement a corrective action plan to address improvements to its wastewater treatment plant. The company has paid a \$15,000 administrative penalty to the Clean Water Fund to resolve alleged effluent violations.

Status: Case closed. (Reference # CO-00-0127).

Nabisco, Inc. - Dorchester County

On January 14, 2000, Nabisco paid \$35,000 to the Clean Water Fund to resolve alleged oil and grease violations of the company's pretreatment permit with the city of Cambridge.

Status: Case closed. (Reference # PS-00-0107).

Sod Run Wastewater Treatment Plant — Harford County

On January 31, 2000, MDE and Harford County Department of Public Works finalized an administrative con-

sent agreement to resolve alleged NPDES chlorine violations at the Sod Run WWTP. Under the terms of the agreement, Harford County has agreed to implement revisions to the plant's standard operating procedures and has agreed to pay an administrative penalty of \$700. The county has also agreed to expend a minimum of \$3,000 to perform a supplemental environmental project for stream bank stabilization along a section of Bynum Run.

Status: Case closed. (Reference #CO-00-0139).

Pepsi Cola Bottling Co. of Salsbury & City of Salisbury — Wicomico County

On January 31, 2000, MDE finalized an administrative consent order with Pepsi Cola Bottling Co. of Salisbury and the City of Salisbury to resolve alleged violations of Pepsi's pretreatment permit with Salisbury. Under the terms of the consent order, Pepsi has agreed to implement a corrective action plan by April 1, 2000 to address compliance with conditions of the pretreatment permit.

Status: Case closed. (Reference #CO-00-0085).

City of Cumberland — Allegany County

On January 24, 2000, MDE and Cumberland finalized an administrative consent agreement regarding upgrades to the Cumberland wastewater treatment plant to accomplish biological nutrient removal (BNR). Under the terms of the agreement, Cumberland will complete the BNR project by May 31, 2001 and has agreed to comply with interim effluent performance standards until construction has been completed.

Status: Case closed. (Reference #CO-00-0142).

Erosion and Sediment Control Civil Penalties — Statewide —

For the period January 12 through February 14, 2000, the Department collected a total of \$4760.00 in civil penalties from 5 construction projects for the failure to implement or maintain sediment controls during construction.

GREEN Continued from Page 4

• Using locally produced materials, they save the energy that is needed to transport the goods from another location, and the money stays in the local economy.

“We’re moving toward making sure that the industries that create products are using sustainable practices,” Bundy concluded. “Green building applies to affordable housing as well

as high end construction. And most of the principles can be applied to renovations, retrofits or new construction. Being ‘green’ doesn’t have to cost. It is a

mind set, not a dollar sign.”

For more information on Maryland's Green Building Program, in Maryland call toll free (877) 620-DNR.

For the Record

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

Allegany

AES WARRIOR RUN - 11600 Mexico Farms Road, Southeast, Cumberland, MD 21502. (2000-01-00203) Air quality permit to operate

ALLEGANY COUNTY COMMISSIONERS, 701 Kelly Road, Cumberland, MD 21502. Voluntary Cleanup Program application for the PPG property located at 11601 PPG Road, Cumberland, MD 21502

CITY OF FROSTBURG - 37 Broadway, Frostburg, MD 21532. (00-1011) Sewerage permit to construct gravity sewers along Center Street, and Bowery Street

RAWLINGS WWTP - Conda Way Extended, Rawlings, MD 21557. (00DP0739) Surface municipal discharge permit

UNITED ENERGY COAL, INC. - 19430 Lower Consol Road, Northwest, Frostburg, MD 21532. (2000-OPT-8070) Oil operations permit for above ground storage tank and transportation

WESTVACO CORPORATION - 300 Pratt Street, Luke, MD 21540. (2000-OPT-3550) Oil operations permit for above ground storage tank and transportation

Anne Arundel

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-1007) water permit to construct Harmons Water Booster Station and lay water mains at the intersection of Old Ridge Road and Dorsey Road

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-1008) Water permit to lay Dorchester Water Transmission Main along the proposed Arundel Mill Boulevard

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-1009) Water permit to lay transmission mains along Old Ridge Road, Ridge Chapel Road, Route 713, Clark road to the proposed Arundel Boulevard

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-1015) Sewerage permit to construct an interceptor sewer along Pinsky Run, south of Dorsey Road and east of Baltimore /Washington Parkway

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

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

down Road

FRANK ABEND, AA-009 - 3041 Patuxent River Road, Davidsonville, MD 21035. Sewerage sludge application on agricultural land

JEAN F. CARLTON, AA-2 - 500 Polling House Road, Harwood, MD 20776. Sewerage sludge application on agricultural land

LAUREL SAND & GRAVEL, INC. - Brock Bridge Road, Annapolis Junction, MD 20701. (TR 5809) Received an air permit to construct for 400 tons/per/hour drum mix asphalt plant with baghouse

NORTHROP GRUMMAN CORPORATION - 7323 Aviation Boulevard, BWI Site, Linthicum, MD 21090. (TR 5797) Received an air permit to construct for one composite bonding process

PATUXENT ASPHALT, L.L.C. - 1320 Cunningham Road, Mack Truck Road, Severn, MD 21144. (2000-OPT-3104) Oil operations permit for above ground storage tank and transportation

ROBERT & ANGELO DELEONIBUS, AA-017 - 3100 Patuxent River Road, Davidsonville, MD 21036. Sewerage sludge application on agricultural land

SMITHSONIAN ENVIRONMENTAL RESEARCH CTR, AA-112A - 4200 Muddycreek Road/Cumberstone Road, Edgewater, MD 21037. Sewerage sludge application on agricultural land

SMITHSONIAN ENVIRONMENTAL RESEARCH CTR, AA-113 - Cumberstone Road, Edgewater, MD 21037. Sewerage sludge application on agricultural land

Baltimore City

CHESAPEAKE MEDICAL (STERICYCLE) - 5901 Chemical Road, Baltimore, MD 21226. (2000-WIN-0034) Solid waste incinerator permit

GRACE DAVISON - 5500 Chemical Road, Baltimore, MD 21226. (TR 5817) Received an air permit to construct for one baghouse

HARBOR HOSPITAL CENTER - 3001 South Hanover Street, Baltimore, MD 21230. (00DP2718) Surface industrial discharge permit

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

PATAPSCO WWTP - 3501 Asiatic Avenue, Baltimore, MD 21226. (S-00-24-3728-F) Sewerage sludge treatment permit

QUARANTINE ROAD LANDFILL - 6100 Quarantine Road, Baltimore, MD 21226. (2000-WMF-0325) Solid waste municipal landfill permit

VICTOR GRAPHICS, INC. - 1211 Bernard Drive, Baltimore, MD 21223. (TR 5796) Received an air permit to construct for one heatset lithographic web printing press

Baltimore County

AMERICAN STONE-MIX - 10300 Pulaski High-

way, White Marsh, MD 21162. (2000-OPT-2023) Oil operations permit for above ground storage tank and transportation

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Avenue, Towson, MD 21204. (00-1010) Sewerage permit to construct a force main along Susquehanna Avenue, Chesapeake Avenue, and Bowleys Quarters

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Avenue, Towson, MD 21204. (00-1013) Sewerage permit to construct a force main along Rossville Boulevard, north of I-695 and Route 1

COLUMBIA TRANSMISSION COMMUNICATION - 9207 Dogwood Road, Granite Measuring Station, Baltimore, MD 21244. (TR 5820) Received an air permit to construct for one emergency generator

DTE SPARROWS POINT, LLC - North Point Boulevard, Sparrows Point, MD 21219. (2000-03-2384) Air quality permit to operate

GRAY & SON - TEXAS QUARRY SHOP - 10000 Beaver Dam Road, Cockeysville, MD 21030. (2000-OPT-3225) Oil operations permit for above ground storage tank and transportation

LAFARGE/IMERYS - TEXAS QUARRY - 10000 Beaver Dam Road, Cockeysville, MD 21030. (99-OPT-3223A) Oil operations permit for above ground storage tank and transportation

MCI WORLDCOM - 230 Schilling Circle South, Hunt Valley, MD 21031. (TR 5795) Received an air permit to construct for one generator

NORTHROP GRUMMAN CORP ES3-ATL - 1212 Winterson Road, Linthicum, MD 21090. (TR 5806) Received an air permit to construct for two fume hoods, one laser dep. machine and one etcher

SCHMITZ PRESS - 37 Loveton Circle, Sparks, MD 21152. (TR 5810) Received an air permit to construct for one sheefed lithographic printing press

SHA - GREEN HILL COVE WWTP - Outer Loop of I-695, Exit 42, Edgemere, MD 21219. (00DP2633) Surface industrial discharge permit

WESTERN RUN LLC 15 W. Aylesbury Road, Suite 400, Timonium, MD 21093. Voluntary Cleanup Program application for the former Bausch & Lomb Diecraft Plant property located at 14600 York Road, Sparks, MD 21152

WHEELABRATOR CLEAN WATER SYSTEMS, INC. - 8201 Eastern Boulevard, Baltimore, MD 21224. (2000-03-2152) Air quality permit to operate

Calvert

CASSANDRA P. BRISCOE, CV-53 - 7210 Parkers Wharf Road, St. Leonard, MD 20685. Sewerage sludge application on agricultural land

ELAINE BRADLEY - CV-16A - 4335 Buena Vista Road, Prince Frederick, MD 20678. (S-00-04-3856-A) Sewerage sludge application on agricultural land

JAMES T. BRISCOE, CV-35 - Lloyd Bowen Road, St. Leonard, MD 20685. Sewerage sludge application on agricultural land

JOSEPH & ARTA SUTTON, CV-48 - 2680 Wayne Gibson Road, Huntington, MD 20678. Sewerage sludge application on agricultural land

RUTH S. HALL, CV-54 - 5815 Hallowing Pt. Road, Prince Frederick, MD 20678. Sewerage sludge application on agricultural land

Caroline

DAVID A. BRAMBLE - MID-SHORE - 421 West Bell Street, Ridgely, MD 21660. (2000-05-00056) Air quality permit to operate

HARMAN, INC., U. L. - 164 Main Street, Marydel, MD 21649. (2000-OPT-2383) Oil operations permit for above ground storage tank and transportation

MULHOLLAND-HARPER COMPANY - 24778 Meeting House Road, Denton, MD 21629. (00DP0047) Groundwater industrial discharge permit

TOWN OF RIDGELEY - 2 Central Avenue, Ridgely, MD 21660. (00-1016) Sewerage permit to install new liner at the Ridgely Wastewater Treatment Plant

Carroll

NEW WINDSOR WWTP - Water Street, New Windsor, MD 21776. (00DP0640) Surface municipal discharge permit

WALSH FUEL & SUPPLY CO. INC. - 1618 Hanover Pike, Hampstead, MD 21074. (2000-OPT-4550) Oil operations permit for above ground storage tank and transportation

Cecil

CECIL COUNTY CENTRAL LANDFILL - 758 Old Philadelphia Road, Elkton, MD 21921. Sewerage sludge disposal permit at landfill

COLUMBIA TRANSMISSION COMMUNICATION - State Line Measuring Station Route 222, Rising Sun, MD 21911. (TR 5814) Received an air permit to construct for one emergency generator

HENKELS & MCCOY, INC. - 443 Harrisville Road, Rising Sun, MD 21917. (00DP3273) Surface industrial discharge permit

STEMMERS RUN TRANSFER STATION - Stemmers Run Road, Earleville, MD 21911. (2000-WTS-0072) Solid waste transfer station permit

TOWN OF ELKTON - 107 North Street, Elkton, MD 21921. (00-1005) Sewerage permit to construct a wastewater pumping station and a force main along MD Route 281 and Muddy lane

W.L. GORE & ASSOCIATES, INC. - 201 Airport Road, Elkton, MD 21921. (TR 5807) Received an air permit to construct for one dip process, one thermal oxidizer

WOODLAWN TRANSFER STATION - Firetower Road, Port Deposit, MD 21904. (2000-WTS-0074) Solid waste transfer station permit

Dorchester

For the Record

CECIL GANNON FARM DR 22 - Mount Zion Road, Federalsburg, MD 21632. Sewage sludge application on agricultural land

DARLING INTERNATIONAL, INC. - 5420 Linkwood Road, Linkwood, MD 21835. (2000-OPT-5222) Oil operations permit for above ground storage tank and transportation

WILSON & NANCY COATES, DR-16 - 3981 Ocean Gateway, Linkwood, MD 21835. Sewage sludge application on agricultural land

Frederick

EVELYN L. AND ERNIE WASLI, FR-91, SPRING FIELD - 12108 Auburn Avenue, Thurmont, MD 21788. Sewage sludge application on agricultural land

FRANKLIN WILLIAMS FARM - FR-97 - 15210-C Motters Station Road, Rocky Ridge, MD 21778. (S-00-10-3791-A) Sewage sludge application on agricultural land

FREDERICK CONCRETE PLANT - 11425 Woodsboro Pike, Keymar, MD 21757. (TR 5811) Received an air permit to construct for one cement silo with baghouse

KIPLINGER FARM, FR-137 - MD Route 80 & Ijamsville Road, Urbana, MD 21754. Sewage sludge application on agricultural land

LEHIGH PORTLAND CEMENT - 10642 Woodsboro Road, Woodsboro, MD 21798. (2000-OPT-3280) Oil operations permit for above ground storage tank and transportation

MIDDLETOWN WWTP - EAST - 7320 Holter Road, Middletown, MD 21769. Sewage sludge transportation permit

RICHARD KLINE, FR-92 - 12108 Auburn Road, Thurmont, MD 21788. Sewage sludge application on agricultural land

SITE B MUNICIPAL SANITARY LANDFILL - 9031 Reichs Ford Road, Frederick, MD 21704. Solid waste municipal landfill permit

STERLING LENHART FARM, FR-44 - 8577 Links Bridge Road, Thurmont, MD 21788. (S-00-10-3738-A) Sewage sludge application on agricultural land

SWEENEY/FRALEY-CALICO FARM, FR-109 - 3040 Ballenger Creek Pike, Frederick, MD 21702. Sewage sludge application on agricultural land

Garrett

BTC TRUCKING, INC. - 2278 Michael Road, Barton, MD 21521. (99-OPT-2193B) Oil operations permit for above ground storage tank and transportation

CAMP SUNRISE MOUNTAIN WWTP - 490 Caney Valley Road, Friendsville, MD 21531. (00DP1230) Surface municipal discharge permit

TOWN OF GRANTSVILLE - 203 s. 4TH Street, Oakland, MD 21536. (00-1018) Water permit to upgrade water system along US Route 40A

Harford

ABERDEEN ADVANCED WWTP - 361 Michael Lane, Aberdeen, MD 21001. (S-98-12-2458-F1) Sewage sludge treatment permit

CITRUS AND ALLIED ESSENCES, LTD. - 4620 Mercedes Drive, Belcamp, MD 21017. (TR 5815) Received an air permit to construct for one reactor

CONESTOGA WOOD SPECIALTIES, INC. - 3502 Hughes Road, Darlington, MD 21034. (00DP2204) Surface industrial discharge permit

CONOWINGO HYDRO-ELECTRIC STATION - 2569 Shures Landing Road, Darlington, MD 21034. (00DP0491) Surface industrial discharge permit

J.M. HUBER CORPORATION - HAVRE DE GRACE - Fountain & Adam Streets, Havre de Grace, MD 21078. (00DP0123) Surface industrial discharge permit

LAFARGE - CHURCHVILLE QUARRY - 1219 Calvary Road, Churchville, MD 21015. (97-OPT-3219A) Oil operations permit for above ground storage tank and transportation

TOLLGATE LANDFILL - 701 North Tollgate Road, Bel Air, MD 21014. (00DP2887) Surface industrial discharge permit

Howard

ALLIED SYSTEMS, LTD. - 8575 Dorsey Run Road, Jessup, MD 20794. (2000-OPT-5270) Oil operations permit for above ground storage tank and transportation

W.R. GRACE - WASHINGTON RESEARCH CENTER - 7500 Grace Drive, Columbia, MD 21044. (2000-13-00013) Air quality permit to operate

Kent

CHESTERTOWN FOODS, INC. - 27030 Morgnec Road, Chestertown, MD 21620. (00DP0009) Major surface industrial discharge permit

GILLESPIE & SON, INC. - 100 Dixon Drive, Chestertown, MD 21620. (2000-OPT-5291) Oil operations permit for above ground storage tank and transportation

Montgomery

CONCRETE GENERAL, INC. - 8000 Beechcraft Avenue, Gaithersburg, MD 20879. (00DP2776) Surface industrial discharge permit

DAMASCUS WWTP - 23730 Log House Road, Gaithersburg, MD 20882. Sewage sludge transportation permit

EXECUTIVE PLAZA - 6120 Executive Boulevard, Rockville, MD 20852. (TR 5803) Received an air permit to construct for one groundwater air stripper

KUNZANG ODSAL PALGUL BHANGCHUB CHOLING - 18400 River Road, Poolesville, MD 20837. (00DP3163) Surface municipal discharge permit

ROCKVILLE CRUSHED STONE - 13900 Piney Meetinghouse Road, Rockville, MD 20850. (TR 5808) Received an air permit to construct to add crusher and screen to existing plant

SENECA WWTP - 12600 Great Seneca Highway, Germantown, MD 20874. Sewage sludge transportation permit

WMATA - FRIENDSHIP HEIGHTS - Wisconsin Avenue at Oliver Street, Somerset, MD 20815.

(00DP2022) Surface industrial discharge permit

Prince George's

BROWN STATION ROAD LANDFILL - 3500 Brown Station Road, Upper Marlboro, MD 20772. (2000-WMF-0124) Solid waste municipal landfill permit

ERCO TREE FARM - End of Neale Drive, Brandywine, MD 20613. Sewage sludge application on agricultural land

PARKWAY WWTP - 10100 Canadian Way, Laurel, MD 20708. (00DP0631) Major surface municipal discharge permit

St. Mary's

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

ST. MARY'S HOSPITAL CENTER - Business Center Drive, Charlotte Hall, MD 20622. (00DP3334) Groundwater municipal discharge permit

Talbot

EASTON UTILITIES COMMISSION - 672 West Glenwood Avenue, Easton, MD 21601. (2000-OPT-3538) Oil operations permit for above ground storage tank and transportation

TALBOT COUNTY REGION II WWTP - 929 Calvert Avenue, St. Michaels, MD 21663. (00DP0623) Surface municipal discharge permit

Washington

CLEAN ROCK INDUSTRIES, INC. - 1469 Oak Ridge Place, Hagerstown, MD 21740. (2000-OPS-3065) Oil contaminated soil facility

FIL-TEC, INC. - 12129 Mapleville Road, Cavetown, MD 21720. (TR 5804) Received an air permit to construct for one bobbin winder

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

Wicomico

CITY OF SALISBURY DEPARTMENT OF PUBLIC WORKS - 125 N. Division Street, Salisbury, MD 21801. (00-1020) Water permit to lay water mains along Beaglin Park Drive, Route 50 and Middle Neck Drive

CITY OF SALISBURY DEPARTMENT OF PUBLIC WORKS - 125 N. Division Street, Salisbury, MD 21801. (00-1021) Sewerage permit to construct gravity sewers known as Northeast Collector between Old Ocean City Road and Middle Neck Drive

Worcester

OCEAN CITY DEPARTMENT OF PUBLIC WORKS - 204 65TH Street, Ocean City, MD 21842. (00-1012) Water permit to construct an elevated water storage tank at 64th Street and Sea Bay Drive

POCOMOKE TRUCK STOP - 720 Ocean Highway, Pocomoke City, MD 21851. (2000-OPT-3810) Oil operations permit for above ground storage tank and transportation

SNOW HILL WWTP - 213 Cypress Lane, Snow Hill, MD 21863. (00DP0717) Surface municipal discharge permit

TOWN OF BERLIN, MUNICIPAL POWER PLANT - 309 William Street, Berlin, MD 21811. (TR 5813) Received an air permit to construct for three generators

Out of State

FAIRVIEW BEACH WWTP - 6268 Riverview Drive, Fairview Beach, VA 22485. (00DP1572) Surface municipal discharge permit

MANASSAS ICE & FUEL COMPANY, INC. - 9009 Center Street, Manassas, VA 22110. (2000-OPV-2480) Oil operations permit for transportation

MON-VALLEY PETROLEUM - 5515 W. Smithfield St. McKeesport, PA 15135. (2000-OPV-

Issuances

Allegany

STATE HIGHWAY ADMINISTRATION - FROSTBURG SHOP - I-68 at MD Route 36, Frostburg, MD 21532. (97SW1336) General permit registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION - LA VALE SHOP - 1221 West Braddock Road, La Vale, MD 21504. (97SW1339) General permit registration for stormwater associated with industrial activity

Anne Arundel

CARLETON TECHNOLOGIES, INC. - 510 McCormick Drive, Suite D, Glen Burnie, MD 21061. (02-6-0924 N) Air permit to construct for one paint spraybooth and one curing oven

CLIFFORD R. PHELPS - 4437 Mountain Road, Pasadena, MD 21122. (2000-OGR-7984) General permit for treated groundwater from oil contaminated sources

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

MARYLAND MANOR ESTATES, INC. - 4913 Hampden Lane, Bethesda, MD 20814. (99-16-1137) Water permit to upgrade Maryland Manor Water Treatment Plant located at Maryland Manor Estates

RELIABLE CONTRACTING COMPANY - 177 Patuxent Road, Odenton, MD 21113. (95MM2443) General permit registration for discharge from mineral mines, quarries, borrow pits, and concrete and asphalt plants

STATE HIGHWAY ADMINISTRATION - ANNAPOLIS SHOP - 138 Defense Highway, Annapolis, MD 21401. (97SW1331) General permit registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION - GLEN BURNIE SHOP - 910 Stewart Avenue, Glen Burnie, MD 21061. (97SW1332) General permit

For the Record

registration for stormwater associated with industrial activity

Baltimore City

CHESAPEAKE FLEET MAINTENANCE, INC. - 911 West Patapsco Avenue, Baltimore, MD 21230. (24-6-1719 N) Air permit to construct for one paint spraybooth

CONDEA VISTA COMPANY - 3441 Fairfield Road, Baltimore, MD 21226. (2000-OPT-3529) Oil operations permit for above ground storage tank and transportation

DORACON CONTRACTING, INC. - 7228 Jim Rowe Court, Baltimore, MD 21237. (24-6-1627 N) Air permit to construct for one temporary crushing and screening plant

EAGLE COFFEE COMPANY, INC. - 1019 Hillen Street, Baltimore, MD 21202. (24-8-0118 M) Air permit to construct for one afterburner

GAF MATERIALS CORPORATION - 1500 South Ponca Street, Baltimore, MD 21224. (24-00071) Air quality permit to operate

GRACE DAVISON - 5500 Chemical Road, Baltimore, MD 21226. (24-7-1087M) Air permit to construct for one baghouse

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

LEBANON CHEMICAL CORPORATION - 2400 South Clinton Street, Baltimore, MD 21224. (1998-24-00107) Air quality permit to operate

MILLENNIUM INORGANIC CHEMICALS - 3901 Fort Armistead Road, Baltimore, MD 21226. (24-7-0080 M) Air permit to construct for four silos, two baghouses

PETROLEUM FUEL & TERMINAL COMPANY - 5101 Erdman Avenue, Baltimore, MD 21205. (24-4-3049 N) Air general permit to construct for one boiler < 10 MMBTU

RUKERT TERMINALS CORPORATION - 2021 S. Clinton Street, Baltimore, MD 21224. (24-9-0603M) Air permit to construct for one baghouse

SAFETY-KLEEN SYSTEMS, INC. - 1448 Desoto Road, Baltimore, MD 21230. (1997A-300) Controlled hazardous substance permit

SHERWIN WILLIAMS COMPANY - 2325 Hollins Ferry Road, Baltimore, MD 21230. (24-00286) Air quality permit to operate

SHERWIN-WILLIAMS COMPANY - 2325 Hollins Ferry Road, Baltimore, MD 21230. (24-7-1424 M) Air permit to construct for latex paint production modification

Baltimore County

ATLANTIC PHARMACEUTICAL SERVICES - 11200 Gundry Lane, Owings Mills, MD 21117. (03-8-0296 N) Air permit to construct for one fluid bed dryer

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Avenue, Towson, MD 21204. (00-22-1013) Sewerage permit to construct sanitary sewers Rossville Boulevard, north of I-695 and Route 1

BETHLEHEM STEEL CORP. - 5111 North Point

Boulevard, Sparrows Point, MD 21219. (2000-OPT-2078A) Oil operations permit for above ground storage tank and transportation

DRYCLEAN DEPOT - 11134 Reisterstown Road, Owings Mills, MD 21117. (03-9-2577 N) Air general permit to construct for one dry cleaning machine

FORMER EXXON RAS # 2-6801 - 5905 Liberty Road, Baltimore, MD 21207. (2000-OGR-7985) General permit for treated groundwater from oil contaminated sources

GLENMAR ELEMENTARY SCHOOL - 9700 Community Drive, Baltimore, MD 21220. (03-5-1676 & 1677 N) Air general permit to construct for two boilers < 10 MMBTU

MARYLAND PAVING - TEXAS ASPHALT PLANT - 10000 Beaver Dam Road, Cockeysville, MD 21030. (97SW1347) General permit registration for stormwater associated with industrial activity

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

STATE HIGHWAY ADMINISTRATION - GOLDEN RING SHOP - 8357 Pulaski Highway, Baltimore, MD 21237. (97SW1328) General permit registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION - HEREFORD SHOP - 306 Mount Carmel Road, Parkton, MD 21120. (97SW1327) General permit registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION - OWINGS MILLS SHOP - 9130 Dolfield Road, Owings Mills, MD 21117. (97SW1329) General permit registration for stormwater associated with industrial activity

SUN DRY CLEANERS - 718 North Rolling Road, Catonsville, MD 21228. (03-9-1104 N) Air permit to construct for one soil vapor extraction system

URBAN N. ZINK CONTRACTOR, INC - 6924 Ebenezer Road, Chase, MD 21162. (2000-OPV-2723) Oil operations permit for transportation

Calvert

STATE HIGHWAY ADMINISTRATION - PRINCE FREDERICK SHOP - Solomons Island & Hallowing Point Road, Prince Frederick, MD 20678. (97SW1335) General permit registration for stormwater associated with industrial activity

Caroline

BRIDGETOWN AQUACULTURE - 15890 Oakland Road, Henderson, MD 21640. (99DP3298) Surface industrial discharge permit with groundwater opt.

STATE HIGHWAY ADMINISTRATION - DENTON SHOP - 508 Caroline Street, Denton, MD 21629. (97SW1317) General permit registration for stormwater associated with industrial activity

Carroll

MOUNT AIRY WWTP - 7245 Ridge Road, Mount Airy, MD 21771. (S-00-06-4667-T) Sewage

sludge transportation permit

STATE HIGHWAY ADMINISTRATION - WESTMINSTER SHOP - 150 Wyndhurst Drive, Westminster, MD 21157. (97SW1345) General permit registration for stormwater associated with industrial activity

Cecil

DCS AUTO SALES - 513 Mechanics Valley Road, North East, MD 21901. (2000-OGR-6112) General permit for treated groundwater from oil contaminated sources

STATE HIGHWAY ADMINISTRATION - ELKTON SHOP - 2024 East Old Philadelphia Road, Elkton, MD 21921. (97SW1319) General permit registration for stormwater associated with industrial activity

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

Charles

STATE HIGHWAY ADMINISTRATION - Washington Avenue at Kathleen Place, La Plata, MD 20646. (97SW1333) General permit registration for stormwater associated with industrial activity

WALDORF MARBLE - 4317 Charles Crossing Drive, White Plains, MD 20695. (08-00063) Air quality permit to operate

WAWA FOOD MARKET - US Route 301 & Heritage Green, LaPlata, MD 20646. (08-9-0080 N) Air general permit to construct for three 20,000 gallon gasoline underground storage tanks

Dorchester

ALLEN'S FAMILY FOODS - 274 Nealson Street, Hurlock, MD 21643. (09-4-0153 N) Air permit to construct for one boiler >10 MMBtu

STATE HIGHWAY ADMINISTRATION - CAMBRIDGE SHOP - 750 Handley Road, P.O. Box 261, Cambridge, MD 21613. (97SW1312) General permit registration for stormwater associated with industrial activity

Frederick

ANTIQUÉ SHOP & APARTMENT - 11946 Main Street, Libertytown, MD 21762. (2000-OGR-7974) General permit for treated groundwater from oil contaminated sources

CHEROKEE SANFORD GROUP - BUCKEYSTOWN MINE - Fingerboard & Baker Valley Roads, Buckeystown, MD 21701. (95MM9704) General permit registration for discharge from carbonate stone quarry

FORT DETRICK - 1507 Porter Street, Fort Detrick, MD 21702. (10-5-0239 N) Air general permit to construct for one boiler < 10 MMBTU

FREDERICK COUNTY DEPARTMENT OF PUBLIC WORKS - 118 N. Market Street, Frederick, MD 21701. (99-13:14-1060) Water permit to upgrade a water booster pumping station at the Knolls of Windsor Water Treatment Plant

STATE HIGHWAY ADMINISTRATION - FREDERICK SHOP - 5111 Buckeystown Pike, Frederick, MD 21701. (97SW1343) General permit

registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION - THURMONT SHOP - 77 Moser Road, Thurmont, MD 21788. (97SW1344) General permit registration for stormwater associated with industrial activity

Garrett

STATE HIGHWAY ADMINISTRATION - KEYSERS RIDGE SHOP - 3876 National Pike, Accident, MD 21520. (97SW1338) General permit registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION - OAKLAND SHOP - 95 State Highway Administration Drive, Oakland, MD 21550. (97SW1340) General permit registration for stormwater associated with industrial activity

Harford

ALCORE, INC. - 1324 Brass Mill Road, Belcamp, MD 21017. (12-6-0329 N) Air permit to construct for one paint spraybooth

CHESAPEAKE AUTO ASSOCIATES, L.L.C. - 1612 Bel Air Road, Fallston, MD 21047. (12-6-0328 N) Air permit to construct for one auto spray booth

J.M. HUBER CORPORATION - HAVRE DE GRACE - Fountain & Adam Streets, Havre De Grace, MD 21078. (24-025-00005) Air quality part 70 operating permit

MARYLAND PAVING - CHURCHVILLE ASPHALT PLANT - 1219 Calvary Road, Bel Air, MD 21015. (97SW1346) General permit registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION - CHURCHVILLE SHOP - 3050 Churchville Road, Churchville, MD 21028. (97SW1330) General permit registration for stormwater associated with industrial activity

WAWA FOOD MARKET - US Route 40 & MD Route 22, Aberdeen, MD 21001. (12-9-0284 N) Air general permit to construct for three 20,000 gallon gasoline underground storage tanks

WAWA FOOD MARKET #557 - 1505 Churchville Road, East, Fountain Green, MD 21014. (12-9-0281 N) Air general permit to construct for three 20,000 gallon gasoline underground storage tanks

WAWA FOOD MARKET #559 - US Route 1 & Priestford Road, Dublin, MD 21154. (12-9-0282 N) Air general permit to construct for three 20,000 gallon gasoline underground storage tanks

WAWA FOOD MARKET #564 - US 1 & MD 147, Benson, MD 21047. (12-9-0283 N) Air general permit to construct for three 20,000 gallon gasoline underground storage tanks

Howard

THE VILLAS AT CATTAIL - 3500 Roxbury Mills Road, Glenwood, MD 21738. (98DP3260) Groundwater municipal discharge permit

Kent

STATE HIGHWAY ADMINISTRATION -

For the Record

CHESTERTOWN SHOP - 615 Morgnac Road, Chestertown, MD 21620. (97SW1316) General permit registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION - MILLINGTON SHOP - U.S. Route 301 & MD Route 291, Millington, MD 21620. (97SW1342) General permit registration for stormwater associated with industrial activity

Montgomery

EXECUTIVE PLAZA - 6120 Executive Boulevard, Rockville, MD 20852. (2000-OGR-7987) General permit for treated groundwater from oil contaminated sources

KING AUTOMOTIVE GROUP - 16200 Frederick Road, Gaithersburg, MD 20898. (15-6-0598 N) Air permit to construct for one paint spraybooth

ROCKVILLE CRUSHED STONE, INC. - 13900 Piney Meetinghouse Road, Rockville, MD 20850. (15-6-0596N) Air permit to construct for one crushing and screening plant

SECCO CLEANERS - 14100-A Darnestown Road, Darnestown, MD 20874. (15-6-0599 N) Air general permit to construct for one dry cleaning machine

STATE HIGHWAY ADMINISTRATION - FAIRLAND SHOP - 12020 Plum Orchard Road, Silver Spring, MD 20904. (97SW1320) General permit registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION - GAITHERSBURG SHOP - 502 Quince Orchard Road, Gaithersburg, MD 20760. (97SW1322) General permit registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION - KENSINGTON SHOP - 4201 Howard Avenue, Kensington, MD 20795. (97SW1323) General permit registration for stormwater associated with industrial activity

TWO BROTHERS - 375 Derwood Circle, Rockville, MD 20850. (97SW1348) General permit registration for stormwater associated with industrial activity

Prince George's

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

ST. BARNABAS SHELL - 5604 St. Barnabas Road, Oxon Hill, MD 20744. (2000-OGR-7986) General permit for treated groundwater from oil contaminated sources

STATE HIGHWAY ADMINISTRATION - LAUREL SHOP - Talbot & Second Avenues, Laurel, MD 20810. (97SW1324) General permit registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION - MARLBORO SHOP - 6500 Southeast Crain Highway, Upper Marlboro, MD 20870. (97SW1325) General permit registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION -

METRO SHOP - 4700 Cobb Road, Landover, MD 20706. (97SW1326) General permit registration for stormwater associated with industrial activity

STONE INDUSTRIAL, PRECISION PRODUCTS - 9207 51st Avenue, College Park, MD 20740. (16-6-0616 M) Air permit to construct for four spiral tube winders

Queen Anne's

STATE HIGHWAY ADMINISTRATION - CENTREVILLE SHOP - 111 Safety Drive, Centreville, MD 21617. (97SW1315) General permit registration for stormwater associated with industrial activity

Somerset

DELMARVA POWER & LIGHT - 10313 Old Ocean City Boulevard, Crisfield, MD 21817. (24-039-00017) Air quality part 70 operating permit

STATE HIGHWAY ADMINISTRATION - PRINCESS ANNE SHOP - 10980 Market Lane, Princess Anne, MD 21853. (97SW1313) General permit registration for stormwater associated with industrial activity

St. Mary's

STATE HIGHWAY ADMINISTRATION - LEONARDTOWN SHOP - 26720 Point Lookout Road, Leonardtown, MD 20650. (97SW1334) General permit registration for stormwater associated with industrial activity

SUPPORT TERMINAL SERVICES - PINEY POINT - 17877 Piney Point Road, Piney Point, MD 20674. (24-037-00001) Air quality part 70 operating permit

Talbot

PRESIDENT AND COMMISSIONERS OF TRAPPE - 4011 Powell Avenue, Trappe, MD 21673. (00-11-1000) Water permit to lay water mains within the corporate limits of Trappe

SOUTHERN STATES TALBOT PETROL SERVICES - 801 Port Street, Easton, MD 21601. (20-9-0040 N) Air general permit to construct for one 20,000 and two 12,000 gallon gasoline above ground storage tanks

STATE HIGHWAY ADMINISTRATION - EASTON SHOP - 8265 Ocean Gateway, Easton, MD 21601. (97SW1318) General permit registration for stormwater associated with industrial activity

Washington

CLEAN ROCK INDUSTRIES, INC. - 1469 Oak Ridge Place, Hagerstown, MD 21740. (21-00213) Air quality permit to operate

PREMIER TRAILERS INC. - 901 Pope Avenue, Hagerstown, MD 21740. (21-6-0483 N) Air permit to construct for one paint spraybooth

RUST-OLEUM CORPORATION - 16410 Industrial Lane, Interstate Industrial Park, Williamsport, MD 21795. (21-00167) Air quality permit to operate

STATE HIGHWAY ADMINISTRATION - HAGERSTOWN SHOP - 18320 Colonel Henry K. Douglas Highway, Hagerstown, MD 21740. (97SW1337) General permit registration for stormwater associated with industrial activity

STATE HIGHWAY ADMINISTRATION - HANCOCK SHOP - U.S. Route 40, Hancock, MD 21750. (97SW1341) General permit registration for stormwater associated with industrial activity

WASHINGTON COUNTY WATER AND SEWER DEPARTMENT - 16232 Elliott Parkway, Williamsport, MD 21795. (00-25-1006) Sewerage permit to construct biological nitrogen removal process at the Conococheague Wastewater Treatment Plant

Wicomico

CITY OF FRUITLAND - 401 E. Main Street, Fruitland, MD 21826. (99-25-1161) Sewerage permit to construct the biological nitrogen removal process at the Fruitland Wastewater Treatment Plant

STATE HIGHWAY ADMINISTRATION - SALISBURY SHOP - 660 West Road, Salisbury, MD 21802. (97SW1314) General permit registration for stormwater associated with industrial activity

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

SUPPORT TERMINAL OPERATING PARTNERSHIP, L.P. - 1134 Marine Road, Salisbury, MD 218018488. (24-045-00156) Air quality part 70 operating permit

Worcester

BERLIN WATER DEPARTMENT - 10 William Street, Berlin, MD 21811. (95HT9405) General permit registration for discharge from water supply system

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

RIDDLE FARM ASSOCIATES, L.P. - P. O. Box 4986 Woodbridge, VA 22194. (94-12-1127 EXT.) (94-22-23-1128 EXT.) (94-15-16-1129) and (94-25-1130) Permit extension for 4 permits for a one-year term

STATE HIGHWAY ADMINISTRATION - BERLIN SHOP - 357 Berlin Highway, U.S. Route 50 at MD 113, Berlin, MD 21811. (97SW1311) General permit registration for stormwater associated with industrial activity

Out of State

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

FIRST STATE CONSTRUCTION INC. - 109 Sandy Drive, Newark, DE 19713. (2000-OPV-7990) Oil operations permit for transportation

VALLEY PROTEINS, INC. - WINCHESTER - 1444 Indian Hollow Road, Winchester, VA 22603. (2000-OPV-5215) Oil operations permit for transportation

Nominate someone for the Tawes award

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

The unique environmental recognition program is sponsored by MDE and MPC in the name of late Maryland governor J. Millard Tawes, who was also the state's first secretary of the Department of Natural Resources.

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

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

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

The deadline for nominations is April 15.

For more information and nomination forms please call (410) 269-1850 or MDE's Office of Communications at (410) 631-3012.

LAWS

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filters. Septic systems currently in use cost between \$3000 to \$5000 to install. Nitrogen removal technology would cost an additional \$3000 to \$7000 for each system. To address this additional cost, the Septic System Advisory Committee recommended providing existing homeowners with some form of financial assistance which might include tax credits, low interest loans or grants.

Residents using public sewer systems, industries, and farmers already pay for nutrient removal technology. Septic systems are one of the only sources of nutrients that are not currently controlled. While the cost per pound for nutrient removal from septic systems is higher than from public sewer systems because of the economies of scale of public systems, the cost per pound of nitrogen removal from septic systems is in line and consistent with costs of other non-point source controls.

For more information about septic systems and nitrogen loading, please visit the Maryland Department of Natural Resources website at: www.dnr.state.md.us to read the tributary teams' OSDS Report or visit MDE's website at: www.mde.state.md.us to read the Septic System Advisory Committee's final report. For information about an individual septic system, please call the local county health department.

CLEAN

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Bainbridge is located just east of the Susquehanna River and the Town of Port Deposit in Cecil County. Since the closure of naval operations there in 1976, the Navy retained ownership of the facility and allowed various uses of the property including an U.S. Department of Labor Job Corps Training Center and the Cecil Community College's truck driver training school. During that time, the installation began to deteriorate.

In 1986, Congress authorized the Secretary of the Navy to dispose of the NTCB by sale to the private sector or transfer to other government agencies. Congress specified that before any transfer of the property, the Navy was required to "restore such property to a condition that meets all applicable federal and state environmental protection regulations."

To achieve this mission, the Navy launched environmental cleanup operations at the NTCB. In this effort, the Navy worked closely with federal and state officials to meet all applicable environmental cleanup requirements. Through those years, MDE played a vital role in assuring those all-necessary environmental investigations and remedial actions were completed.

"When I first saw Bainbridge in 1989, I couldn't believe my eyes," said Bill Schmidt, Eastern Shore regional manager of waste management for MDE. "I couldn't believe the equipment... tanks, tools, maps, items spread all over as if the people just disappeared. It reminded me of some lost, ancient village. Large trees were actually growing through the roofs of many of the dilapidated barracks.

"Many didn't believe Bainbridge could be cleaned up, citing the project was too large, complicated or politically sensitive, but I knew it could be done," Schmidt added. "It just took four ingredients—

money, time, good coordination and lots of common sense."

Highlights of the environmental cleanup accomplishments at NTCB over the last 11 years included:

- Removal of 267 underground storage tanks;
- Demolition of 429 buildings and proper disposal of 400,000 cubic yards of demolition debris and asbestos in an on-site rubble landfill permitted by MDE;
- Remediation of 40,000 cubic yards of petroleum and pesticide contaminated soil at the former Fire Training Area;
- Remediation and capping of the Old Base Landfill;
- Closure capping of the on-site rubble landfill;
- Cleanup and off-site disposal of 138,000 tons of asbestos (transite) contaminated soil;
- Cleanup and removal of 11,000 tons of lead contaminated soils from various sites;
- Cleanup and removal of 650 tons of PCB contaminated soils, debris and liquids from various sites;
- Cleanup and removal of 900 tons of heavy metals and PAH contaminated soils and debris from a former salvage yard;
- Cleanup and removal of oil and pesticide contaminated soils from a former pesticide shop, and many more activities.

By the end of 1999, the Navy had completed all required environmental cleanup actions. At its conclusion, the Navy spent in excess of \$50 million dollars (well over 50 times the purchase price of the Tome portion of the property in 1942) to achieve final environmental cleanup of NTCB.

"This closure and turnover did not happen quickly, but we are here," said Robert B. Pirie, assistant secretary of the Navy for installations and the environment. "The property is clean and ready for community use."

Everyone has been working hard to make this long awaited day a reality," said Navy Capt. Paul G. McMahon Jr., commanding officer, Engineering Field Activity Chesapeake. "This marks the end of Navy use and the birth of a new life for the property."

Legislation passed last year created the Bainbridge Development Corporation. The nine-member board was appointed and charged with the authority to make decisions regarding the future reuse of NTCB. It was agreed that the property in its entirety would be conveyed to the development corporation. The responsibility and mission of the corporation is to find the most favorable redevelopment options available for the property.

In early 1942, President Franklin D. Roosevelt approved the purchase of the land and buildings from the Jacob Tome Institute for \$900,000, as well as additional farms and farmlands along the northeast side of the Susquehanna River for what

would later be known as the NTCB. The base was to be named "Bainbridge" in memory of Commodore William Bainbridge, War of 1812 commander of the famous frigate ship "Constitution," and founder of the first naval training school.

Construction of the NTCB began in 1942, and on October 1, 1942, the base was officially activated as training center "boot camp" for World War II navy recruits. By the conclusion of WWII in 1945, some 244,000 navy recruits received training at Bainbridge. It was during the Korean War that the NTCB reached its peak population of 55,000 people. In post war years, the NTCB became the host for various schools and functions including the Personnel Accounting Machine Installation for the Continental United States (PAMI CONUS), the Nuclear Power School, the Naval Reserve Manpower Center, the Women Activated for Voluntary Emergency Service (WAVES) Headquarters, and a U.S. naval hospital.

The Naval Academy Preparatory School



Above, workers cap the old base landfill at Bainbridge.

(NAPS) was also established at the historic Tome School Area to prepare enlisted men from all branches of the armed forces for entrance into the U.S. Naval Academy. In 1973, it was announced that the NTCB was among the installations to be closed. The facility was formally closed on March 31, 1976. By the time the doors closed, nearly a million people had received recruit or specialty training at the NTCB.

LEAD

Continued from Page 2

by providing additional State employees to tackle the problem, outreach efforts to identify and prevent the tragedy, and grants to reduce lead amounts in severely damaged homes. The Governor's plan targets \$15.6 million in new State funding in a comprehensive, multi-agency plan to:

- **Strengthen Enforcement** (\$3 million), by placing 5 more inspectors on the streets in Baltimore City; adding 2 lawyers in the State Attorney General's office to prosecute Baltimore City; designating 2 staff members from the Maryland Department of the Environment to work directly with Baltimore City employees to identify chronic violators and take more effective action; and providing \$500,000 directly to Baltimore City to hire additional inspectors and/or prosecutors.

- **Expand prevention** (\$2.1 million) by enabling the Department of Health and Mental Hygiene (DHMH) to work directly with the Baltimore City Health Department to expand education, outreach and lead testing; allowing DHMH to expand their lab facilities and double their lead testing capabilities; and providing \$600,000 within the Department of Housing and Community Development's budget to be redirected toward the construction of temporary housing for families to use while their permanent residence is being made lead-safe.

- **Increase abatement efforts** (\$10.5 million) by distributing grants of up to \$8,500 to landlords or private owners in the City's most seriously effected communities to make apartments and homes lead-safe. Landlords must provide a 20% match, but private homeowners would be eligible for a 100% grant.

The Governor stated that he would also redirect some existing State efforts, enact new regulatory measures, and support addi-

tional legislative proposals to address the problem. He will target \$642,000 currently in the Lead Hazard Reduction fund to communities outside Baltimore City that also suffer from lead paint. He will also direct the Maryland Department of the Environment to immediately strengthen lead regulations to ensure that risk reduction treatment and dust tests are performed more regularly. He also stated that would work with Delegate Sandy Rosenburg and the General Assembly to modify the current Lead Paint law to focus even more greatly on child safety.

To eliminate child lead poisoning in the future, the Governor announced that he will direct the reconstituted Lead Poisoning Prevention Commission to develop a long-term approach to the health hazard over the next six months. The Commission will review the proposed plan from the Coalition to End Lead Paint Poisoning, work with local foundations, and study innovative ideas to reduce lead poisoning. Some of the issues that the Commission will consider include: training people for employment as lead abatement workers; allowing Medicaid funding for some lead abatement activities; exploring tax incentives for property owners who undertake lead abatement; and studying how to ensure that pregnant women receiving pre-natal care can live in lead safe homes.

"With the majority of Maryland families enjoying unprecedented prosperity, we cannot lose sight of our fellow citizens — especially our children — who are still in need," said the Governor. "We have a moral obligation to come together and attack this tragic problem that is ruining the lives of some of our neediest young people. We must take aggressive action to protect each one of our children from lead poisoning so that they have every opportunity to achieve their dreams."



Maryland Department of the Environment
2500 Broening Highway
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