

# MDE Environment

Maryland Department of the Environment

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## Maryland, EPA make moves to reduce farm litter runoff

Governor Parris N. Glendening announced Dec. 15 that Maryland will be the first state in the nation to address pollution problems associated with poultry manure. The state is giving public notice that it will issue permits to primary poultry producers establishing shared responsibility between processors and their contract growers to provide adequate facilities and reuse options to manage surplus poultry litter.

Allen Family Foods, Perdue Inc., and Tyson Foods Inc. — all of which have production and processing facilities on Maryland's Eastern Shore — will receive the new five-year permits from the Maryland Department of the Environment (MDE). The permits require poultry processors to provide sufficient technology and assistance to their contract growers to ensure that poultry litter — comprised of wood shavings and manure — is properly handled and disposed.

"These new permits strengthen our commitment to protect Maryland's natural re-

sources and will help us meet the ambitious goals of the Chesapeake Bay 2000 agreement," Governor Glendening said. "This new tool will also aid Maryland's poultry farming families by requiring poultry processors to share the responsibility for protecting Maryland's waterways and the Bay. Maryland's vibrant economy and our aggressive environmental protection policies clearly demonstrate that a higher standard of living and a better quality of life are attainable."

These new permits recognize the unique aspects of the integrated poultry industry that place contract growers under the substantial control of poultry companies. Many contract farmers have insufficient cropland to use poultry manure as a fertilizer without resultant runoff and excess pollution, and they depend on facilities made available by poultry companies to meet the requirements of the Maryland Clean Water Act of 1998.

"In issuing these permits the State of Maryland continues to demonstrate a lead-



Waterway and soil quality will improve under new permits and standards proposed by MDE and the EPA.

ership role in efforts to cleanup the Chesapeake Bay," said U.S. Environmental Protection Agency (EPA) Assistant Administrator for Water J. Charles Fox. "These permits will be the national model for how many states will address this issue in the future."

"The poultry permit will provide for regulatory equity among all polluters so that industrial dischargers, municipal wastewater facilities, storm water, agricultural, and other non-point sources are all required to aggressively protect the environment," said MDE Secretary Jane

Nishida.

Maryland's other ongoing nutrient reduction programs such as biological nutrient reduction, the state Water Quality Improvement Act of 1998, and the tributary strategies teams will be furthered by adding the poultry permit as a critical link to these other nationally recognized programs, Nishida noted.

"The Chesapeake Bay is a national resource whose unique estuaries require special protections," said Theresa Pierno, executive director of the Maryland office of

See **RUNOFF**, Page 3

## NASA comes to the aid of Baltimore's children

By Reider J. White

What do the National Aeronautics and Space Administration (NASA), the University of Maryland Schools of Medicine and Pharmacy, the Baltimore City Health Department, and the Maryland Department of the Environment (MDE) have in common?

These agencies are all concerned about the rising rates of asthma in our children--

especially children in City of Baltimore-- and have joined forces to do something about it.

Scientists from NASA's Goddard Space Flight Center, Laboratory for Terrestrial Physics, have teamed up with the Baltimore City Health Department and asthma specialists and epidemiologists from the University of Maryland Schools of Medicine and Pharmacy to determine why rates

of childhood (pediatric) asthma in Baltimore exceed those in the rest of the state and the nation. They want to find ways to reduce these rates and provide relief for city children suffering from asthma. This team of scientists and medical professionals recently visited the Maryland Department of the Environment (MDE) to give a briefing on their efforts, and to seek help

See **STUDY**, Page 4



A new study of air quality and its relation to asthma will help thousands in central Marylanders breathe easier.

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## Beall High students undertake project with 'real value'

By Connie Lyons

Streams impaired by acid mine drainage (AMD) from coal mining days before regulatory requirements were in place will provide an excellent opportunity for environmental science students to learn and do something about environmental problems in Allegany County.

Ken Baxter, 2000's Allegany County Teacher of the Year, and his environmental science classes at Beall High in Frostburg will partner with the Maryland Department of the Environment's Bureau of Mines, a division of the Water Management Administration, to conduct stream assessment of two streams in Allegany County.

Baxter was recently named one of the seven finalists for Maryland Teacher of the Year. Baxter, an environmental science and physics teacher at Beall High School, is a Nationally Board Certified (NBC) teacher and one of a handful of NBC science teachers in the state. Of primary importance to him is that his classes have "students doing real science that has real value."

"It's important for kids to relate to the science they're doing," he said. "I wanted

## Loch Raven dam repairs to begin

By Brad Iarossi

The City of Baltimore has applied to Maryland's Department of the Environment to complete a major rehabilitation of the Loch Raven Dam on the Gunpowder Falls in Baltimore County. The modifications will significantly improve the safety of the dam by increasing spillway capacity to enable the dam to safely pass the Probable Maximum Flood (PMF). This "design storm" represents the maximum amount of flow into the Loch Raven reservoir that is possible and is generated by approximately 31 inches of rain over a 72 hour period. Additional concrete mass will also be added to the dam, along with rock anchors to increase stability during the design storm.

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

There has been a great deal of public involvement related to the location of the contractor's staging area and access routes to the dam during construction, which is expected to begin by summer. Baltimore

to get the kids focused. We hear a lot of doom and gloom in environmental science. But kids need to see where we're making progress and that we can make a difference in our environment. And AMD measures taken in Western Maryland are a real success story."

For the next two years, Baxter and 60 to 75 of his students will collect baseline water quality samples, conduct macroinvertebrate surveys, and carry out stream corridor assessment at two small streams near Beall impaired by a pre-law abandoned coal mine, in the Matthew and Neff Runs in the George's Creek watershed. The student-run analyses will determine levels of iron, sulfates, dissolved oxygen, nitrates, phosphates and acidity in the streams to help develop a more accurate water quality picture of the watershed.

The bureau is currently in the early phases of designing a remediation project that will treat iron and neutralize the acidity of the AMD sources. The data gathered by the students will be part of the baseline database used to design the project.

The environmental science classes will take a field trip in the fall of each year to visit early coal mining towns to learn about the legacy of the industry in Maryland. They will see AMD problems that early coal mining methods left behind and get a first hand look at a completed remediation systems currently in use in Allegany and Garrett counties.

"The kids are amazed at the history and

legacy that mining has left on this area," Baxter added. "It's been a really super experience for the kids, and all involved."

The bureau will provide \$5,000 to Beall through a Memorandum of Understanding, using environmental education monies from a U.S. Environmental Protection Agency (EPA) grant. The money will be used to purchase water test kits and other sampling supplies, a digital video camcorder, computer hardware, Arcview geographic information system software, and bussing costs for the stream assessment and coal mining legacy field trips.

The students will post the results of their survey efforts and field trips on a webpage, where they will share their data, experiences, and analysis of what they have learned. The students will use the geographic information system software for data analysis, displaying results in the classroom and on the webpage. This page will be linked to the Western Maryland Water WebPage at: <http://www.geocities.com/bhwater2000>, begun by Beall as part of an EPA environmental education grant received last year.

Additionally the project will enable the students to link the heritage of coal mining in the area to the restoration of habitat and clean water in their present community.

For further information about the Beall High mining and stream assessment project, contact Connie Lyons at (301) 689-6764, ext. 302/[clyons@allconet.org](mailto:clyons@allconet.org) or Ken Baxter at (301) 689-3377/[kbaxter@allconet.org](mailto:kbaxter@allconet.org).



## Council recognizes its dedicated members

On Dec. 14, the Maryland Department of the Environment's Controlled Hazardous Substances Advisory Council honored past members for their many years of service. Pictured from left are: Dr. David Rosenblatt, 18 years, Co-chair Stephen Pattison, Paul Gartelmann, 12 years, Sanford Shapiro, 18 years, Dr. William Hodges, 12 years, Richard Collins, director MDE's Waste Management Administration, and Chair Mary Moses. Honorees not pictured are: Dennis Brady and Dr. Byron Tepper. The Council, formed in 1976, advises and assists MDE on issues that relate to controlled hazardous substances including identification and development of rules and regulations for the management and disposal of controlled hazardous substances and low-level nuclear waste. Appointed by the Governor, the council's 13 members serve six-year terms.

# MDE assists with college's Western Maryland expansion

By Peter Resh

As towns and cities attempt to revitalize and reuse under-utilized or abandoned properties in former downtown "core" areas, the cost of an environmental assessment to determine potential environmental remedial costs before renovation can begin play an increasingly important role.

The Maryland Department of the Environment's (MDE) Site and Brownfields Assessments/State Superfund Division performs environmental assessments to help identify potential environmental concerns during the early stages of the redevelopment process. Those assessments provide information that enables developers to better understand the potential environmental liabilities connected with the redevelopment of sites, commonly referred to as "Brownfields." Funding for the program is provided as part of MDE's cooperative agreement with the U.S. Environmental Protection Agency (EPA).

One recent brownfields project involves the University of Maryland's plans to construct a new campus in Hagerstown to make higher education more accessible for residents of Western Maryland. Rather than use an undeveloped piece of property outside of town, often called a greenfield, the university decided to redevelop a series of abandoned historic buildings in Hagerstown's downtown business district for use its new campus. This decision demonstrates the importance of brownfields sites to Governor Parris N. Glendening's Smart Growth Initiative. The Baldwin house property was chosen for the new location due to its infrastructure and relative proximity to the downtown parking

garage and Frostburg University Hagerstown Center.

To conduct a brownfields investigation, MDE performs an extensive historical search to identify potential environmental problems prior to actual on-site sampling. The site manager routinely checks aerial photos, historic information from libraries and agency files, deed/ownership records, taxation maps, Sanborn Fire Insurance maps, and conducts interviews with past residents and/or employees if possible. After the historical study is completed, a targeted sampling investigation of both soil and groundwater is conducted to identify environmental hazards such as asbestos, lead paint, polychlorinated biphenyls (PCBs), above ground and underground storage tanks, volatile and semi-volatile chemicals, and metals. Sampling and analysis is performed by state personnel or independent contractors hired by MDE. Finally, the investigation results are compiled and provided to appropriate parties. Both EPA and MDE provide an evaluation indicating the environmental status of the property and what further work may be needed.

To be eligible for the EPA funded Brownfields Site Assessment Initiative, sites must be vacant or under-utilized and owned by a public or tax exempt organization. Additionally, the redevelopment of the property must have the potential to create jobs and improve the local tax base. A brownfields assessment increases the potential for reuse of such properties by providing prospective buyers with the environmental information necessary to quantify the extent of environmental



PHOTO BY DON MAULDIN

## Clearing the air

**Bob Maddox, public participation coordination in the Maryland Department of the Environment's (MDE) Air & Radiation Management Administration, center, hands out brochures and chats with visitors to MDE's booth at the Maryland Technology Showcase held at the Baltimore Convention Center Dec. 6 & 7. MDE's booth featured an air monitor with clean and dirty filters and a mock up of the computerized air monitoring stations used throughout the state.**

costs before funds are spent on design and planning. By pre-screening brownfields properties, the program helps remove the stigma connected with environmental contamination and increases the likelihood that those properties will be redeveloped.

To date, MDE's Site and Brownfields Assessments/State Superfund Division

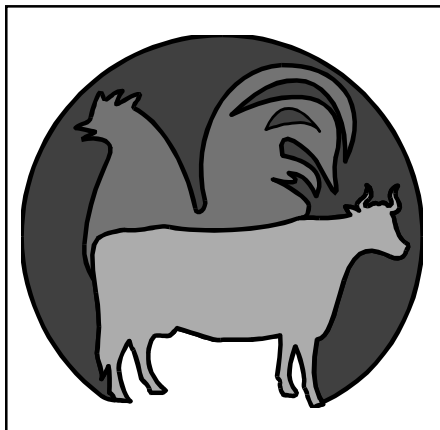
has conducted 58 assessments of brownfields properties totaling over 967 acres that have been cleared for redevelopment.

For further information concerning the brownfields initiative, contact Arthur O'Connell, in MDE's Site and Brownfields Assessments/State Superfund Division at (410) 631-3493.

## RUNOFF Continued from Page 1

the Chesapeake Bay Foundation. "The 40 percent nutrient reduction goal of the EPA/State Chesapeake Bay Program has not yet been achieved and already Bay experts have identified the need for additional nutrient removal to achieve the 'end points' necessary for the revitalization of the Bay."

On the same day of Maryland's announcement, the EPA announced it was also proposing strict new controls to protect public health and the environment from animal wastes from large,



industrial feedlot operations.

EPA Assistant Administrator for Water, J. Charles Fox, said, "Wastes from large factory farms are among the greatest threats to our nation's waters and drinking water

supplies. EPA is taking action to protect public health and the environment by significantly controlling pollution from animal feeding operations."

The livestock industry has undergone dramatic changes in the past 20 years, consolidating scattered, smaller facilities into fewer but vastly larger feeding operations that result in greater and more concentrated generation of wastes.

An estimated 376,000 large and

small livestock operations that confine animals generate approximately 128 billion pounds of manure each year. Typically these facilities confine beef and dairy cattle, hogs, and chickens.

Nationwide, nearly 40 percent of surveyed waters are too polluted for fishing or swimming. Some 60 percent of river pollution comes from all kinds of agricultural runoff, including livestock operations. Pollution from livestock is associated with many types of waterborne disease, as well as problems like *pfisteria* outbreaks which have plagued the Chesapeake Bay, red tides, algae blooms, and the dead zone in the Gulf of Mexico.

The new requirements would apply to as many as 39,000 concentrated animal feeding operations (CAFOs) across the

country. Today, only an estimated 2,500 large and small livestock operations have enforceable permits under the Clean Water Act. A CAFO is currently defined as having 1,000 or more cattle or comparable "animal units" of other livestock. Smaller operations may also be CAFOs if they are a threat to water quality. EPA today is co-proposing two options for a new CAFO definition. One proposed definition could include livestock facilities with more than 500 cattle or other animal units. The other proposal would require operations with

See WASTE, Page 7

## New waterway guidelines available

The 2000 edition of *Maryland's Guidelines to Waterway Construction* are now available. The guidelines provide a set of recommended details and approaches that are frequently encountered in the waterway construction process including stream restoration and stabilization techniques.

Copies of the document may be obtained by contacting the Nontidal Wetlands and Waterways Division at (410) 631-8094.

The guidelines can also be viewed and downloaded from the Maryland Department of the Environment website at: [www.mde.state.md.us/wetlands/guide](http://www.mde.state.md.us/wetlands/guide).

# STUDY

Continued from Page 1

from the department in gathering ambient environmental data for the study.

## Space-age technology applies to a local problem

The first question is — why is NASA involved in an asthma study in Baltimore?

According to Dr. Blanche Meeson, a spokesperson at NASA's Goddard Space Flight Center, NASA has a long history of applying what it has learned in its study and exploration of space to problems here on earth. NASA scientists use imagery from Earth orbiting satellites to interpret and model activities on Earth. This work has aided in the understanding of issues such as global warming, changes in the ozone layer, and the impacts of El Nino. These same principles of looking at complex relationships in nature can also be applied to understanding the relationships between health and the environment.

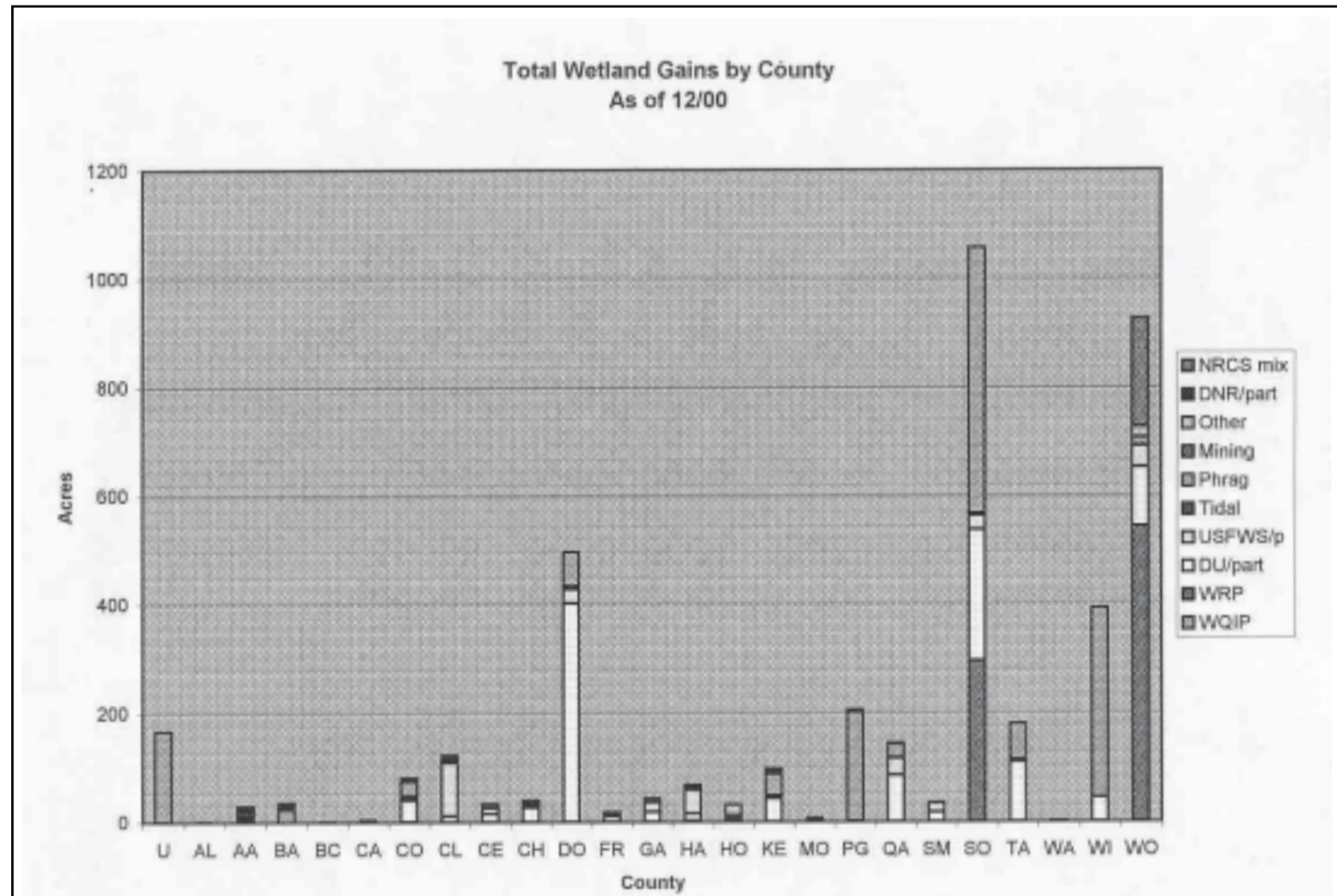
Dr. Meeson cited several recent projects that relied on NASA's applied technologies to aid in understanding the spread of several contagious diseases. These projects included studying the periodic occurrence of Rift Valley Fever in Central Africa, Dengue Fever in Southeast Asia, and malaria in the tropics. NASA's remote sensing technologies and global positioning systems were used to examine links between weather (environmental) changes and the outbreak of the infectious diseases.

"Based on NASA's history," Dr. Meeson said, "it's only natural for us to lend our expertise to the conduct of the Baltimore Childhood Asthma Prevalence Study. We see technology applications like this as an important part of our mission. An underlying premise of our study and exploration of space is that what we learn should benefit both current and future generations."

### Local partners work on study

Partners with NASA in this study are Dr. Carol Blaisdell, a pediatric Pulmonologist with the University of Maryland School of Medicine and Ruth Quinn, Asthma Program Director for the Baltimore City Health Department.

Dr. Blaisdell and her colleagues from the University of Maryland Medical System, Drs. MaryBeth Bollinger and Sania Amr,



## Wetlands growth continues

Another planting season has come to a close and the acres of wetlands restored in Maryland continues to grow. For the first time, wetland restoration projects have been reported in each of Maryland's 24 jurisdictions. Approximately 4,323 acres have been restored. Since the Governor established a goal to restore 60,000 acres of wetlands in Maryland in 1997, counties, non-profit organizations, farmers, private landowners and government agencies are undertaking a variety of wetlands restoration projects. To date, two counties on the Eastern Shore, Somerset and Worcester, have been the largest gainers in terms of acreage restored. Wetlands are important natural resources providing numerous values to society, including fish and wildlife habitat, flood protection, erosion control and water quality preservation. Wetlands comprise a range of environments within interior and coastal regions of Maryland. For more information on wetlands in Maryland, go online to: [www.mde.state.md.us](http://www.mde.state.md.us).

and Sheila Weiss, PhD, have begun conducting an extensive analysis on the higher occurrences of childhood asthma cases in the city. Specifically they are looking at hospital discharge data for the treatment of asthma to determine the actual rates of pediatric asthma for the city. The team's data collection efforts include compiling information on the City's asthma rates, where in the City the cases are occurring, and the times of the year the cases are reported. They plan to augment the hospital discharge data with similar data on emergency room and outpatient visits for the

treatment of asthma.

NASA will use these data along with environmental data from MDE and other sources to map trends in asthma incidence. By correlating the medical information with the environmental data and then tracking and mapping it using NASA's technology, the team hopes to identify what environmental factors are directly affecting children with asthma. They will also try to determine where there might be "environmental hotspots" in the city, and if there are, ways to forecast when

these adverse environmental episodes are likely to occur.

"The team will then work on determining what solutions might be available to prevent or reduce the detrimental impacts of these factors on asthmatic children," said the briefing's facilitator Wallace Baker, director of MDE's Office of Fair Practices. "The ultimate goal is to find ways to better manage the disease and reduce the need for medical treatments or hospitalization for the children."

See BREATHE, Page 12

## Cleanup standards guide now available for use online

By Fran Stierstorfer

On December 5, the Maryland Department of the Environment's Environmental Restoration and Redevelopment Program (ERRP) sponsored the Soil and Groundwater Cleanup Standards Guidance Workshop at the Baltimore Rowing and Aquatic Center.

The workshop coincided with the release of the Soil and Groundwater Cleanup Standards Guidance document. The purpose of the guide is to provide uniform and consistent human-health based numerical cleanup standards for the most frequently encountered hazardous substances in either soil or groundwater. The guide will provide clear direction to contractors and businesses on investigation and remediation requirements for properties contaminated by hazardous substance releases.

"The real value of the guidance will be to reduce time and costs associated with review of risk assessment reports," said ERRP Program Manager Karl Kalbacher.

"It will provide greater certainty to the users on department expectations for investigation or remediation of properties perceived or actually contaminated by hazardous substance release."

The document took more than two years to develop.

Three-quarters of attendees surveyed rated the workshop to be very good or excellent.

"The workshop not only had a full registration, but approximately 100 registrations could not be accepted due to limitations in facility space," Kalbacher added.

Because of the high level of public interest in the Soil and Groundwater Cleanup Standards Guidance, a second workshop will be held this spring. Call (410) 631-3437 to register.

To download the guide, visit MDE's web site at: [www.mde.state.md.us](http://www.mde.state.md.us).

# Technology plays role in mapping floodplains

By Kevin G. Wagner

The National Flood Insurance Program (NFIP), now under the Federal Emergency Management Agency (FEMA), was established by the Flood Insurance Act of 1968. The NFIP makes flood insurance available to all residents of communities that have adopted and adhere to a floodplain management ordinance in conformance with the minimum requirements of the NFIP.

Since the inception of the National Flood Insurance Program in 1968, more than \$46 million dollars have been paid for flood insurance claims in the State of Maryland. More than \$17 million dollars of that total have been paid for repetitive loss properties. A repetitive loss property is defined as a property having two or more \$1000 losses reported to the NFIP. Currently, nearly 400 repetitive flood loss properties are listed in Maryland. The Flood Mitigation Division within the Maryland Department of the Environment's (MDE) Technical and Regulatory Services Administration is creating a statewide database on these properties. The database will include photographs, notes on previous flooding, recommendations for mitigation, and elevations of structures for comparison to the 100-year flood elevation.

Once the project is completed, MDE and the Maryland Emergency Management Agency (MEMA) will be able to more precisely target and prioritize projects for funding from state and federal sources to prevent or mitigate flood damage to those properties. MDE and MEMA will also be able to respond quickly when federal funds become available for flood mitigation work immediately following a presidentially declared disaster.

To collect accurate horizontal and vertical data for repetitive loss structures, MDE acquired a survey-grade Global Position-



From the left, MDE staff John Joyce, Kevin G. Wagner, Sekhoane Rathebe, and Frank Siano receive training on the use of the GPS equipment from instructor Richard Ash, of Global Mapping Technologies.

ing System (GPS) under a grant from FEMA last June. A Corvallis Microtechnology Z33 base/rover GPS system was chosen for its ability to determine accurate horizontal and vertical positions in Real-Time Kinematic (RTK) data collection mode. During an RTK survey, a base station is set up over a survey benchmark with known horizontal and vertical coordinates. A radio transmitter broadcasts corrections via radio link to a rover unit equipped with a radio receiver. Depending on the topography and local conditions, the rover unit can communicate with the base station up to 5 miles away.

Vertical elevations collected with the GPS unit in one vertical datum (NAVD 88) must be converted to the same vertical datum (NGVD 29) used on Flood Insurance Rate Maps (FIRMs). Then, a comparison can be made between the 100-year flood elevation on the FIRM and the elevations of the repetitive loss structures collected with the GPS to de-

termine the depth of flooding within the structure. Points, lines, and areas can be established from the GPS field data and brought into ArcView software for use with geographic information systems. Structures can then be accurately mapped and overlaid on a digital floodplain layer.

Fieldwork for the repetitive loss property project is 50 percent complete. During the winter months data collected this past year will be analyzed. Findings and mitigation suggestions will be discussed with MEMA and each county involved to develop a flood mitigation plan for minimizing future flood losses before continuing with GPS data acquisition this spring.

The efforts of MDE's Flood Mitigation Division will not only aid in ensuring the safety of the public during severe flooding events, but also reduce the level of funding required for repeated losses of properties located in the flood-

plain. By mitigating past non-conforming development, and ensuring that new structures conform to the requirements of the local floodplain management ordinance, repetitive losses will be minimized during future floods.

## Oil group sets 2001 schedule

The Ad Hoc Committee on Oil advises the Maryland Department of the Environment on issues related to the storage, transportation, remediation and use of petroleum products within Maryland. Committee meetings are open to the public and attended by state, local and federal regulators, oil industry representatives, petroleum equipment manufacturers, environmental consultants and private citizens.

The committee's meeting schedule for calendar year 2001 is as follows:

- Thursday, February 1**
- Friday, March 18 (tentative)**
- Friday, April 27 (tentative)**
- Thursday, June 7**
- Thursday, September 6**
- Thursday, November 15**

Meetings begin at 10 a.m. and are held at the Annapolis Public Library Meeting Room, 1410 West Street, Annapolis, Maryland 21401.

For information, contact the Oil Control Program toll-free within Maryland at 1-800-633-6161 X3386.

## New strategy prevents winter road problems

(NAPSI)-More and more government officials are realizing that when it comes to winter driving, preventing ice and snow from accumulating is usually cheaper and more effective than waiting to plow.

That's why increasing numbers of them are adopting a new preventive strategy called anti-icing. It involves using a liquid chemical--usually liquid calcium chloride--on a highway just prior to freezing rain or snow to help prevent the ice and snow from adhering to the pavement. Anti-icing may also help to prevent black ice from forming.

The benefits of using liquid calcium

chloride rather than other liquid chemical deicers, stem from a number of chemical properties.

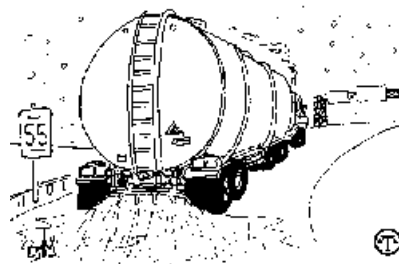
- It's more effective than other deicers on a gallon-to-gallon basis.
- Liquid calcium chloride's low freezing point keeps it effective at colder temperatures.

• Relative to other deicers, calcium chloride is safer for the environment when used as directed. In fact, calcium chloride is used as a fertilizer, it's applied to fruits and vegetables to increase calcium absorption, and it is a common food ingredient.

One form of liquid calcium chloride-

Liquidow® Armor deicer from Dow is a new corrosion inhibiting type which is better for vehicles and structural steel.

To learn more, visit The Dow Chemical Company Web site at [www.dowcalciumchloride.com](http://www.dowcalciumchloride.com).



# Public hearings & meetings

## Waste Management Administration

### January 10, 2001—7:30 p.m.

Fort Detrick, Building 810, Conference Room 3, Frederick Restoration Advisory Board meeting of the Fort Detrick site. John Fairbank, (410) 631-3440

### January 16, 2001—7 p.m.

Chestertown Middle School, 402 East Campus Avenue, Chestertown. Information meetings and public hearings on two RCRA permits and a RCRA modification permit for the Aberdeen Proving Ground. Ed Hammerberg, (410) 631-3345 or Gail Castleman, (410) 631-3314

### January 17, 2001—7 p.m.

Edgewood Senior Center, 100 Gateway Drive, Edgewood. Information meetings and public hearings on two RCRA permits and a RCRA modification permit for the Aberdeen Proving Ground. Ed Hammerberg, (410) 631-3345 or Gail Castleman, (410) 631-3314

### January 18, 2001—6:30 p.m.

Patuxent River Naval Air Station, Human Resources Employee Development Center, Building 2189 (Formerly Frank Knox Elementary School, north of the intersection of Three Notch Road (Route 235) and Tulagi Road), St. Mary's. Restoration Advisory Board meeting for the Patuxent River Naval Air Station to discuss ongoing CERCLA investigations and cleanup actions and public meeting for sites 1/12, 4/5/27, 6, 17 and 24. Peg Nemoff, (410) 631-3440

### January 31, 2001—6:30 p.m.

Patuxent River Naval Air Station, Human Resources Employee Development Center, Building 2189 (Formerly Frank Knox Elementary School, north of the intersection of Three Notch Road (Route 235) and Tulagi Road), St. Mary's. Restoration Advisory Board meeting for the Patuxent River Naval Air Station to discuss proposed remedial action plan, revised remedy, site 17, pesticide shop, and operable unit 1. Peg Nemoff, (410) 631-3440

## Water Management Administration

### January 15, 2001—10:30 a.m.

Washington County Office Building, 2nd Floor, Room 227, 100 W. Washington Street, Hagerstown. Public hearing regarding the tentative determination to issue State/NPDES General Permit for discharges from swimming pools and spas. Beverly Archable, (410) 631-3540

### January 16, 2001—10 a.m.

MDE, 2<sup>nd</sup> Floor, Chesapeake Room, 2500 Broening Highway, Baltimore. Pub-

lic hearing regarding the tentative determination to issue State/NPDES General Permit for discharges from swimming pools and spas. Beverly Archable, (410) 631-3540

### January 17, 2001—11 a.m.

Dorchester County Office Building, Room 110, Court Lane, Cambridge. Public hearing regarding the tentative determination to issue State/NPDES General Permit for discharges from swimming pools and spas. Beverly Archable, (410) 631-3540

### January 18, 2001—10:30 a.m.

Charles County Government Building, Human Resources Conference Room, 200 Baltimore Street, LaPlata. Public hearing regarding the tentative determination to issue State/NPDES General Permit for discharges from swimming pools and spas. Beverly Archable, (410) 631-3540

### January 19, 2001—10:30 a.m.

Council Chambers, Municipal Center, 4500 Knox Road, College Park. Public hearing regarding the tentative determination to issue State/NPDES General Permit for discharges from swimming pools and spas. Beverly Archable, (410) 631-3540

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

## Conferences

### Hospitals for a Healthy Environment,

## Maryland Duck Stamp Contest now open

The Maryland Department of Natural Resources (DNR) in partnership with the Friends of the Patuxent Wildlife Research Center, invites Maryland artists to participate in the Annual Maryland Migratory Waterfowl Stamp Design Contest by submitting an entry by March 7.

Better known as the Maryland Duck Stamp Contest, this year's event will be held in conjunction with the 2nd Annual Patuxent Wildlife Art Show. Contest judging will begin Sat., March 31, 2001, at noon in the auditorium of the Patuxent National Wildlife Visitor Center in Laurel. All artwork entered into the competition must be postmarked no later than March 7, 2001; the contest is opened exclusively to Maryland citizens.

"On behalf of Governor Glendening and Lieutenant Governor Townsend, I encourage Maryland's talented artists to submit their work to the annual contest," said DNR Secretary Sarah Taylor-Rogers. "Maryland's waterfowl, and their natural habitats, have long been a vital part of our State's heritage, economy and quality of life. Many of America's most beloved waterfowl artists have received their inspiration from Maryland's shorelines. I am confident this year's contest will celebrate that proud tradition, introduce new talent, and showcase Maryland's beauty."

Contestants and the public are invited to attend and witness the judging process on March 31; admission is free. For complete contest rules and information, contact DNR online at: [www.dnr.state.md.us/wildlife/duckstamp](http://www.dnr.state.md.us/wildlife/duckstamp), or toll-free in Maryland, at (877) 620-8DNR x8012.

"The Friends of PWRC, Inc. are proud to be able to host the Maryland Migratory Waterfowl Stamp Design Contest, in conjunction with the Patuxent Wildlife Art Show," said Bob Travis, Chairman of the Friends of the PWRC Art Show Committee. "The contest adds a unique dimension to the show. We heartily endorse the appreciation of

### Setting New Standards in Health Care Excellence—will be held on

March 8, 2001 at Catholic University in Washington, D.C. The conference is designed to examine and promote the use of pollution prevention tools and techniques that will reduce and/or eliminate pollutants in the healthcare setting. Specifically, the conference will focus on mercury contamination, infectious waste management, environmentally preferred purchasing, and the incorporation of environmental management systems including waste minimization through computerized Hazardous Substances Management Systems. The conference is designed for healthcare professionals in hospitals, nursing homes and clinic managers, purchasing managers, and environmental management staff. The registration fee will be \$25. For more information or to receive a registration package, please contact the Metropolitan Washington Council of Governments at (202) 962-3239.

### National Pollution Prevention Roundtable Annual Conference—

"Expanding Our Reach: P2 Tools and Technology for a Greener Globe" will be held February 28 - March 2, 2001 in Chicago, Illinois. It will focus on the latest in pollution prevention policy, regulatory, and technical assistance initiatives. The conference will also include tours of nearby businesses that have implemented P2 measures. Lower early registration fees are available until January 26. For more information, visit [www.p2.org](http://www.p2.org) or call 202-466-7272.



By Andrew Gosden

This is the second 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 questions to Maryland Department of the Environment, EPSC - Ask MDE, 2500 Broening Highway, Baltimore, MD 21224. E-mail questions to: [epsc@mde.state.md.us](mailto:epsc@mde.state.md.us) with Ask MDE in the subject line. It is not necessary to identify yourself or your business.

**Q. I recently found out that some of the waste my business generates might be a hazardous waste. How can I find out if it is hazardous? If it is hazardous, what does my business need to do?**

**A.** Wastes are considered hazardous because they are listed in the regulations as hazardous or because they exhibit one or more of the hazardous characteristics defined in the state's regulations. The characteristics that make a waste hazardous are ignitability, corrosivity, reactivity, and toxicity. To determine if a waste is regulated as a hazardous waste, you should first determine if it is included in one of the lists found in Code of Maryland Regulations (COMAR) 26.13.02.16 - .19. You should next determine if the waste meets any of the characteristics of hazardous waste that are defined in COMAR 26.13.02.10 - .14. You may do this by using your knowledge of the nature of the waste or the process through which it is generated, or you can have a representative sample analyzed by a laboratory to see if it has any of the characteristics. You can contact MDE for more information on what is listed and what the limits are for the characteristics, or you can view COMAR on line at [www.dsd.state.md.us](http://www.dsd.state.md.us).

If the waste is hazardous, you will need an EPA Hazardous Waste Generator Identification Number identifying your site as a point of generation of hazardous waste. The identification number is used in tracking shipments of the waste to disposal sites

See ASK, Page 12

See STAMP, Page 11



# Enforcement & Compliance Notes

--Nov. 15-Dec. 15, 2000--

## Air & Radiation Management Administration

**EBA Engineering, Inc. - Baltimore City**--On Dec. 7, MDE issued a Complaint, Order and Administrative Penalty of \$2,250 to EBA Engineering. The penalty resulted from a Company technician leaving a nuclear gauge unattended leading to construction equipment burying the gauge underground. Additional violations included a laboratory manager failing to wear a required monitoring device during a gauge demonstration, and the Company's failure to send radiation exposure reports to three terminated employees.

**Status:** Open. (Reference number RHP-00-10)

**VAC PAC Corporation--Baltimore City**---On Dec 14, MDE issued a Notice of Administrative Penalty in the amount of \$24,500 to VAC PAC Corporation for violations of air quality regulations regarding failure to obtain a permit to construct and a permit to operate. The facility installed and operated a heat-set web printing press without first obtaining the required permits, thereby circumventing the public review process. The Company manufactures plastic packaging materials. MDE previously issued a Corrective Order requiring the Company to cease operation of the new press until proper permits had been issued. The Company has since received the necessary permits from MDE.

**Status:** Open. (Reference number AQCP 00-13)

## Waste Management Administration

**Lead Program Enforcement**--A total of \$18,700 in penalties was assessed for lead violations in Baltimore City—\$3,700 for failure to register a property and \$15,000 for lead risk reductions infractions at the same site. Status: The property owner has 30 days from receipt of the letter to file an appeal.

**David and Eva White--Easton**--A complaint, order and civil penalty of \$5,000 was assessed for violations of Maryland's Oil Pollution Laws to David and Eva White. The violations concerned the improper abandonment of five underground storage tank systems at 6334 Ocean Gateway.

**Status:** The Whites have 30 days to pay or appeal the penalty. (Reference COV -2001-007; OCP Case No. 98-1582 TA)

## Water Management Administration

**Mangione Enterprises of Turf Valley -- Howard County**--On Nov. 30, MDE issued an administrative penalty and order to Mangione Enterprises of Turf Valley for sediment control and sediment pollution violations at the Turf Valley Golf Course located at 2700 Turf Valley Road, Ellicott City, Howard County, Maryland. The administrative order requires Mangione Enterprises to submit as-built plans for the work conducted at the golf course. The construction activities resulted in sediment being placed directly into waters of the State as well as in a position likely to pollute waters of the State. MDE is seeking an administrative penalty of \$100,000.

**Status:** Pending (Reference # AO-01-0112)

**Villa Julie College -- Baltimore County** -- On Nov. 30, MDE and Villa Julie College entered into a consent order to resolve effluent violations of Villa Julie's NPDES permit. The consent order requires Villa Julie to submit a water quality and wastewater characterization plan and implement additional improvements to Villa Julie's Wastewater Treatment Plant to ensure compliance with permitted effluent limits.

**Status:** Closed (Reference # CO-01-0102)

**Northern Chesapeake Contractors -- Talbot County**--On Nov. 27, MDE issued an administrative penalty to Northern Chesapeake Contractors for sediment pollution and sediment control violations on a construction project located on Glebe Road in Easton, Maryland. The construction activity resulted in sediment being placed directly into waters of the State and in a position likely to pollute waters of the State. MDE is seeking an administrative penalty of \$10,000.

**Status:** Case Pending (Reference #AP-01-0095)

**Gladwynne Construction Company -- Baltimore City**--On Nov. 27, MDE issued an administrative penalty to Gladwynne Construction Company for sediment control and sediment pollution violations on a construction project located on Loch Raven Boulevard in Baltimore City, Maryland. MDE is seeking an administrative penalty of \$5,000.

**Status:** Case Pending (Reference # AP-01-0096)

**Mount Saint Mary's College -- Frederick County**--On Nov. 16, MDE

and Mount Saint Mary's College entered into a consent order resolving effluent violations of the College's NPDES permit. The consent order requires the College to implement improvements to the College's Wastewater Treatment Plant to ensure compliance with the College's NPDES permit. The College has agreed to pay \$1,250 to the Clean Water Fund in settlement of the violations.

**Status:** Closed (Reference #CO-01-0103)

## WASTE Continued from Page 3

300-1000 cattle to have a permit if they meet certain risk-based conditions.

In addition to stricter permitting requirements, the proposal includes several new strict controls: 1) poultry, veal, and swine operations where wastes are collected; 2) the proposal eliminates potential exemptions from permits presently used in some states; as a result, EPA expects that all large livestock operations will now have to acquire permits; 3) under this proposal, EPA and the states will issue co-permits for corporations and contract growers to ensure fi-

## Water Pollution Penalties -- Statewide

MDE collected \$47,700 in administrative penalty payments to the Clean Water Fund in settlement of alleged water pollution violations from 10 facilities.

## Erosion and Sediment Control Penalties -- Statewide

MDE collected \$5633 in administrative penalty payments to the Sediment Fund in settlement of alleged erosion and sediment control violations from 6 construction sites.

financial resources exist to meet environmental requirements; 4) the spreading of manure on the land owned by livestock facilities would be limited to protect water ways.

In March 1999, EPA and the U.S. Department of Agriculture issued a Unified National Strategy for Animal Feeding Operations, in response to public concern about contamination of rivers, lakes, streams, coastal waters and ground water from livestock manure.

EPA will take public comment for 120 days and will hold public meetings on the proposal. Additional information is available at: [www.epa.gov/owm/afo.htm](http://www.epa.gov/owm/afo.htm)

## 'Inn Keeping with the Environment'

This year's **Mid-Atlantic Pollution Prevention Conference** will be held January 29-30, 2001 in Philadelphia, Pa. at the Sheraton Rittenhouse Square Hotel.

Speakers will address ways in which lodging establishments, restaurants, and meeting planners can both improve the environment AND their bottom line. A tentative agenda and call for speakers can be found on the National Pollution Prevention Roundtable website ([www.p2.org](http://www.p2.org)).

### Topics include:

- Pollution Prevention Information for Hotels (guest rooms, registration practices, etc.);*
- Pollution Prevention Practices for Green Conferences and Events;*
- Energy Efficient Lighting and Plans;*
- Green Building and Architecture;*
- Pollution Prevention Tools and Resources;*
- Pollution Prevention Information for Catering and Restaurant Management;*
- Solid Waste Prevention;*
- Environmentally Preferable Purchasing;*
- Successful Partnerships between Pollution Prevention Experts and the Hospitality Industry*

For further information, call Michele Russo at (202) 466-7272.

**When you're done reading--  
Recycle this paper!!!**

# For the Record

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

## Allegany

CITY OF CUMBERLAND DEPARTMENT OF PUBLIC WORKS - P. O. Box 1702, Cumberland, MD 21501. (00-1191) Water permit to install fluoridation facility at the Evitts Creek Water Filtration Plant in Bedford County, Pennsylvania

LAVALE SANITARY COMMISSION - P. O. Box 3325, LaVale, MD 21504. (00-1195) water permit to install fluoride metering equipment at the Red Hill Water Treatment Plant, located at Laber Lane and U.S. Route 40

LINE IT RIGHT, INC. - 14819 McMullen Highway, Cresaptown, MD 21502. (TR 6242) an air permit to construct for one coating process

UNITED ENERGY COAL - Frostburg, MD (SM-84-247) Insignificant Modification

ZORA WHITFIELD FARM, AL-3 - 13405 N. Orleans Road, Little Orleans, MD 21766. (S-00-01-4192-A1) Sewage sludge application on agricultural land

## Anne Arundel

AGGREGATE & DIRT SOLUTIONS, INC. - 5900 Sheriff Road, Capital Heights, MD 20743. (TR 6252) an air permit to construct for one temporary crusher

ANNAPOLIS COLLISION REPAIR - 155 Gibraltar Avenue, Annapolis, MD 21401. (TR 6226) an air permit to construct for one paint spraybooth

ANNAPOLIS RADIATOR & BODY SHOP - 1023 Spa Road, Annapolis, MD 21403. (TR 6257) an air permit to construct for one paint spraybooth

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-1197) Water permit to lay water mains along Race Road between Wright Road and Carun Road

CARL L. ABEND, JR., AA-124 - 929 Mount Airy Road, Davidsonville, MD 21035. (TBA) Sewage sludge application on agricultural land

CHEMETALS, INC. - 610 Pittman Road, Baltimore, MD 21226. (01DP0272) Major surface industrial discharge permit

LYONS CREEK MOBILE HOME ESTATE - 1007 Lower Pindell Road, Lothian, MD 20711. (01DP1275) Surface municipal discharge permit

RENDITIONS GOLF COURSE - 1364 West Central Avenue, Davidsonville, MD 21035. (01DP3375) Groundwater municipal discharge permit

## Baltimore City

BGE - SPRING GARDENS - 1699 Leadenhall Street, Baltimore, MD 21230. (01DP0192) Surface

industrial discharge permit

BRUNING PAINT COMPANY - 601 South Haven Street, Baltimore, MD 21224. (01DP0538) Surface industrial discharge permit

BURNS PHILP FOOD INC, FLEISCHMANN'S - 1900 Brand Avenue, Baltimore, MD 21209. (TR 6241) an air permit to construct for two vinegar fermentors

C. HOFFBERGER CO., INC. - 5101 Erdman Avenue, Baltimore, MD 21205. (2001-OPV-2201) Oil operations permit for transportation

FMC CORPORATION - 1701 East Patapsco Avenue, Baltimore, MD 21226. (TR 6248) an air permit to construct for modification to 1-R-cis-DV Acid Chloride & Bifen

FMC CORPORATION - 1701 East Patapsco Avenue, Baltimore, MD 21226. (TR 6247) an air permit to construct for triethylamine recovery process

FORT MCHENRY SHIPYARD/ERASMUS PREOERTIES - 1201 Wallace Street, Baltimore, MD 21230. (01DP0259) Surface industrial discharge permit

GENERAL CHEMICAL CORP. - CURTIS BAY TERMINAL - 5501 Pennington Avenue, Baltimore, MD 21226. (01DP0039) Major surface industrial discharge permit

GUNTHER BOTTLE, LLC (joint venture between Struever Bros. Eccles & Rouse, Inc. and Obrecht Commercial Real Estates, Inc.), 519 North Charles Street, Baltimore, MD 21201. Voluntary Cleanup Program application for the 1301 South Conkling Street Plant property located at 1301 South Conkling Street, Baltimore, MD 21224

GUNTHER HEADQUARTERS, LLC (joint venture between Obrecht Commercial Real Estate, Inc. and Struever Bros. Eccles & Rouse, Inc.), 519 North Charles Street, Baltimore, MD 21201. Voluntary Cleanup Program application for the 3601-3607 O'Donnell Street property located at 3601-3607 O'Donnell Street, Baltimore, MD 21224

HAWKINS POINT LANDFILL - 5501 Quarantine Road, Hawkins Point, MD 21226. (01DP2229) Major surface industrial discharge permit

MARYLAND PROCESSING FACILITY - 4110 West Garrison Avenue, Baltimore, MD 21215. (2000-WPT-0569) Solid waste processing facility and transfer station

PEMCO CORPORATION - 5601 Eastern Avenue, Baltimore, MD 21224. (01DP0317) Major surface industrial discharge permit

REPUBLIC TECHNOLOGIES INTERNATIONAL, LLC - 3501 East Biddle Street, Baltimore, MD 21213. (00DP0604) Surface industrial discharge permit

SUN PARK - 300 East Cromwell Street, Baltimore, MD 21230. (2001-OPT-5478) Oil operations permit for above ground storage tank and transportation

## Baltimore County

BETHLEHEM SPARROWS POINT DIVISION - 5111 North Point Boulevard, Sparrows Point, MD 21219. (TR 6251) an air permit to construct for one cyclone

BLUE CIRCLE CEMENT - Bethlehem Steel, Baltimore, MD 21219. (TR 6233) an air permit to construct for slag granulation, grinding and shipping operation

MACHADO CONSTRUCTION CO., INC. - 2320 Monumental Avenue, Baltimore, MD 21227. (TR 6256) an air permit to construct for one concrete crusher plant

ROSEWOOD MEDICAL CENTER - Rosewood Lane, Owings Mills, MD 21117. (2001-OPT-3447) Oil operations permit for above ground storage tank and transportation

SINAI, HAR - 6300 Park Heights Drive, Baltimore, MD 21215. (00-1196) Sewerage permit to construct a wastewater pumping station at the treatment facility located at Walnut Avenue and Greenspring Avenue

## Calvert

EDWARD SMITH, PAUL & GRIFF HANCE FARM, CV-72 - 1995 Wash Hance Road, Port Republic, MD 20676. (TBA) Sewage sludge application on agricultural land

PAUL L. WOOD- WOOD FARM, CV-42 - 5620 Hallowing Point Road, Prince Frederick, MD 20678. (S-00-04-3972-A) Sewage sludge application on agricultural land

## Caroline

EDWARD HAYMAN, CR-90 - 13335 Holly Road, Greensboro, MD 21639. (S-00-05-3841-A1) Sewage sludge application on agricultural land

## Carroll

CHESTER LEISHEAR, CA-21 - Leishear Road, Mount Airy, MD 21771. Sewage sludge application on agricultural land

## Cecil

NORTHEAST RIVER ADVANCED WWTP - 123 Carpenters Point Road, Charlestown, MD 21914. (S-00-07-4055-E) Sewage sludge transportation permit

W.L. GORE & ASSOCIATES, INC. - APPLETON NORTH - 401 Airport Road; Bldg. 3, P.O. Box 1550, Elkton, MD 21921. (2001-07-0105) Air quality permit to operate

## Charles

C.J. BRAGG, CH-158 - 15830 Scout Camp Road, Hughesville, MD 20637. (S-00-08-4747-A) Sewage sludge application on agricultural land

## Dorchester

DISTRICT COURT BUILDING - CAMBRIDGE - 310 Gay Street, Cambridge, MD 21613. (01DP3377) Surface industrial discharge permit

THOMAS L. BARNETT. - Rhodesdale, MD (86-SP-0223-B) Renewal for a surface mine located on west of Brookview and Maryland Route 14

## Frederick

ACCUBID EXCAVATION, INC. - 1010 Deerhollow Drive, Mt. Airy, MD 21771. (2001-OPT-5420) Oil operations permit for above ground storage tank and transportation

BP SOLAR - 630 Solarex Court, Frederick, MD 21703. (TR 6254) an air permit to construct for one Screen printer with furnace

COMMISSIONERS OF THURMONT - P. O. Box 17, Thurmont, MD 21788. (00-1193) Water permit to upgrade the water system, west of Pryor Road and south of Route 77 and Route 15

DANIEL G. SCHUSTER, INC. - 530 East South street, Frederick, MD 21701. (TR 6255) an air permit to construct for one portable concrete plant

LAUREL SAND & GRAVEL, INC. - Laurel, MD (77-SP-0051) Renewal for a surface mine located on north of Woodsboro.

STEVE PICKERT, FR-143 - 9011 Old Kiln Road, Emmitsburg, MD 21727. (S-00-10-4602-A1) Sewage sludge application on agricultural land

## Garrett

SWALLOW FALLS STATE PARK WWTP - Swallow Falls Road, Oakland, MD 21550. (S-00-11-2411-T) Sewage sludge transportation permit

## Harford

BATA SHOE COMPANY, INC. - 4501 Pulaski Highway, Belcamp, MD 21017. (01DP0139) Surface industrial discharge permit

BOTTCHER AMERICA CORPORATION - 4600 Mercedes Drive, Belcamp, MD 21017. (01DP3374) Surface industrial discharge permit

STANCILLS INC. - Perryville, MD (86-SP-0232-A) Renewal for surface mining located near Pulaski Highway.

## Howard

DOBBIN AUTO BODY - 6460 Dobbins Center Way, Columbia, MD 21045. (TR 6235) an air permit to construct for one paint spraybooth

GRACE DAVISON - 7500 Grace Drive, Columbia, MD 21044. (TR 6246) an air permit to construct for one spray dryer, one rotary calciner

HATFIELD'S EQUIPMENT & DEDICATION SERVICES, INC. - 13785 Burnt Woods Road, Glenelg, MD 21737. (2001-OPV-4535) Oil operations permit for transportation

LITTLE PATUXENT WATER RECLAMATION PLANT - 8900 Greenwood Place, Savage, MD 20763. (S-00-13-3332-F1) Sewage sludge treatment permit

RAUWER, DONALD R. - 8000 Main Street, Ellicott City, MD 21043. (00-1200) Sewerage permit to construct a wastewater pumping station and a force main along New Cut Road, south of Route 144 and Route 987 intersection



# For the Record

## Montgomery

360 NORTH PASTORIA ENVIRONMENTAL CORPORATION (a wholly owned subsidiary of Eastman Kodak Company), 3400 Ridge Road West – Suite 5-341, Rochester NY 14626. Voluntary Cleanup Program application for the 1 Choke Cherry Road property located at 1 Choke Cherry Road, Rockville, MD 20850

J. KEITH PATTON, JR., MT-08 - 24220 River Road, Dickerson, MD 20842. Sewage sludge application on agricultural land

JBG/JER SHADY GROVE, LLC, 5301 Wisconsin Avenue NW, Suite 300, Washington, DC 20015. Voluntary Cleanup Program application for the Former Kodak Processing Plant property located at One Choke Cherry Road, Rockville, MD 20850

WALTER REED ARMY MEDICAL CENTER - Forest Glen Annex, 8800 Brookville Road, Silver Spring, MD 20910. (2001-15-00983) Air quality permit to operate

## Prince George's

ARTISAN PRINTING, INC. - 7905 Fernham Lane, Forestville, MD 20747. (TR 6229) an air permit to construct for one printing press

BB&B AGGREGATES. – Landover, MD (85-SP-0207) Modification for a surface mine located south of Laurel

DURON, INC. - 10406 Tucker Street, Beltsville, MD 20705. (TR 6234) an air permit to construct for Mod. to latex processing line

ERICKSON RETIREMENT COMMUNITIES - 703 Maiden Choice Lane, Baltimore, MD 21228. (00-1194) Sewerage permit to construct the Little Paint Branch relief Sewer at I-495 and Route 1

NOVA LABEL CO., INC. - 4819 Lydell Road, Cheverly, MD 20781. (TR 6245) an air permit to construct for one printing press

POTOMAC ELECTRIC POWER CO.- BRANDYWINE, PG-177 - 11700 North Keys Road, Brandywine, MD 20613. (TBD) Sewage sludge application on marginal land

## Queen Anne's

ANNABELLE TAYLOR, QA-101 - 1913 Peters Corner Road, Marydel, MD 21649. Sewage sludge application on agricultural land

SOUTHERN STATES COOPERATIVE, INC.- SUDLERSVILLE - 201 East Main Street, Sudlersville, MD 21668. (2001-OPT-5537) Oil operations permit for above ground storage tank and transportation

## St. Mary's

CHEMUNG CONTRACTING CORP. ASPHALT CONCRETE PLANT - 22445 Peary Road, Patuxent River, MD 206705504. (2001-OPT-5515) Oil operations permit for above ground storage tank and transportation

MAXINE'S, INC. – Lutherville, MD (86-SP-0241) Renewal for surface mining located Brown Road

NAVAL AIR STATION PATUXENT RIVER -

22445 Peary Road, Building 2272, Patuxent River, MD 20670. (TR 6232) an air permit to construct for one emergency generator

## Washington

D.L. GEORGE & SONS TRANSPORTATION, INC. - 14702 Crown Lane, Hagerstown, PA 21742. (2001-OPT-2268) Oil operations permit for above ground storage tank and transportation

GUY HOOPENGARDNER, WA-13 - 15143 High Germany Road, Hancock, MD 21750. Sewage sludge application on agricultural land

HYDRO GLASS, INC. - 851 Park Lane, Hagerstown, MD 21742. (TR 6243) an air permit to construct for one coating process

JOHN 'AL' NICODEMUS WWTP - 15801 Lockwood Road, Williamsport, MD 21795. (01DP0701) Major surface municipal discharge permit

MARTIN MARIETTA AGGREGATES – Raleigh, NC (77-SP-0134-D) Renewal for surface mining permit located near Williamsport

MOORE, DEAN - 820 Roheresville, Knoxville, MD 21758. (00-1192) Sewerage permit to construct a force main at southeast of intersection Route 340 and Keep Tryst Road

R. PAUL SMITH POWER STATION - 15952 Lockwood Road, Williamsport, MD 21795. (01DP0026) Major surface industrial discharge permit

R. PAUL SMITH POWER STATION - 15952 Lockwood Road, Williamsport, MD 21795. (2001-OPT-3395) Oil operations permit for above ground storage tank and transportation

SAPUTO CHEESE USA, INC. - 14738 Warfordsburg Road, Hancock, MD 21750. (01DP2576) Surface industrial discharge permit

TRI STATE PRINTING, INC. - 120 Bester Street, Hagerstown, MD 21740. (TR 6253) an air permit to construct for one printing press

## Wicomico

IRENE C. & ANNE LOUISE COLLINS - Levin Dashielle Road (Route 349), Salisbury, MD 21801. Sewage sludge application on agricultural land

SALISBURY ST SERVICES - 1134 Marine Road, Salisbury, MD 218018488. (2001-ODS-3290) Surface water discharge for oil terminal

## Worcester

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

*EDITOR'S NOTE: During this period, approximately 85 applications for the modification of existing sewage sludge utilization permits were received to change the name of the permit holder.*

*Due to space constraints, most of these applications do not appear in this feature.*

*For more information about these applications, please contact the department's Waste Management Administration, Solid*

# Issuances

## Allegany

CITY OF CUMBERLAND DEPARTMENT OF PUBLIC WORKS - P. O. Box 1702, Cumberland, MD 21501. (00-16-1191) Water permit to install fluoridation facility at the Evitts Creek Water treatment Plant in Bedford County, Pennsylvania

CUMBERLAND WATER SYSTEM - West Of Cumberland To Barton, Cumberland, MD 21502. (00HT9595) General permit registration for discharge from a water supply system

UNITED ENERGY COAL – Frostburg, MD (SM-84-247) Incidental Modification

UNITED ENERGY COAL – Frostburg, MD (SM-84-368) Incidental Boundary Revision

UNITED ENERGY COAL – Frostburg, MD (SM-84-40) Incidental Boundary Revision

UNITED ENERGY COAL – Frostburg, MD (SM-86-407) Complete Transfer

## Anne Arundel

EASTERN PETROLEUM - 33 Hudson St., Annapolis, MD 21401. (2001-OPV-10039) Oil operations permit for transportation

FORMICA CORPORATION - 8305 Telegraph Road, Odenton, MD 21113. (02-6-0837 M) Air permit to construct for modification of polyester shaped goods plant

FORT GEORGE G. MEADE - Building 9581, Route 198, Fort Meade, MD 20755. (00HT9562) General permit registration for discharge from a water supply system

INTERNATIONAL PAPER - 8339 Telegraph Road, Odenton, MD 21113. (02-6-0531 M) Air permit to construct for one floor tile trimming line w/baghouse

JILLIAN'S OF ARUNDEL, MD, INC. - 7000 Arundel Mills circle, Suite D-1, Hanover, MD 21076. (02-8-0181 N) Air general permit to construct for one charbroiler

NORTHROP GRUMMAN CORPORATION - 1212 Winterson Road, Linthicum, MD 21090. (02-6-0567 M) Air permit to construct for modification to C Module reactor area

PROVINCES UTILITIES, INC. - 7948 Tower Court Road, Severn, MD 21144. (00HT9514) General permit registration for discharge from a water supply system

TIPTON AIRPORT - 81 General Aviation Drive, Odenton, MD 21113. (2001-OPV-9820) Oil operations permit for transportation

VALLEY PROTEINS - 1515 Open Street, Curtis Bay, MD 21226. (24-003-00023) Air quality part 70 operating permit

## Baltimore City

APOLLO WAREHOUSE, INC. - 4401 Eastern Avenue Building 55, Baltimore, MD 21224. (24-9-

0912 N) Air permit to construct for one transfer station

APOLLO WAREHOUSING, INC. - 4301 Eastern Avenue, Baltimore, MD 21224. (2001-OPT-9138) Oil operations permit for above ground storage tank and transportation

BALTIMORE CITY COMPOSTING FACILITY - 5800 Quarantine Road, Baltimore, MD 21226. (S-00-24-1687-T1) Sewage sludge transportation permit

BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS - 900 Abel Wolman Municipal Building, Baltimore, MD 21202. (00-23-1189) Sewerage permit to rehabilitate the Quad Avenue Wastewater Pumping Station at 701 North Point Road

BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS - 900 Abel Wolman Municipal Building, Baltimore, MD 21202. (00-12-1170) Water permit to replace 20" water main under Remington Avenue Bridge

BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS - 900 Abel Wolman Municipal Building, Baltimore, MD 21202. (00-22-1071) Sewerage permit to replace 36" sanitary sewer under Remington Avenue Bridge

CONDEA VISTA COMPANY - 3441 Fairfield Road, Baltimore, MD 21226. (24-7-1394M) Air permit to construct for Supersedes Permit #24-7-1394M issued 9/29/99

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

GRACE DAVISON - 5500 Chemical Road, Baltimore, MD 21226. (24-7-0951 M) Air permit to construct for Modification to development center operation

GRACE DAVISON - 5500 Chemical Road, Baltimore, MD 21226. (24-7-1079 M) Air permit to construct for Modification to FCC operation

INDUSTRIAL MARINE SERVICE, INC. - 23 Stahl Point Road, Baltimore, MD 21226. (2001-OPT-2415) Oil operations permit for above ground storage tank and transportation

LENMAR, INC. - O'DONNELL STREET - 4701 O'Donnell Street, Baltimore, MD 21224. (97SW1395) General permit registration for stormwater associated with industrial activity

LIFE-LIKE PRODUCTS, INC. - 711 Chesapeake Avenue, Baltimore, MD 21225. (24-6-1553 N) Air permit to construct for one expanded polystyrene shape molding operation

MILLENNIUM INORGANIC CHEMICALS INC. - HAWKINS PT. - 3901 Fort Armistead Road, Baltimore, MD 21226. (24-00109-5-1430, 1,& 2) Air quality permit to operate

SHIN'S AUTO BODY & PAINT SHOP - 3600 Dolfield Avenue, Baltimore, MD 21215. (24-6-1754 N) Air permit to construct for one paint spraybooth

SINGH'S AUTO BODY, INC. - 6226 Bel Air Road, Baltimore, MD 21206. (24-6-1745 N) Air permit to construct for one paint spraybooth

TATE & LYLE NORTH AMERICAN SUGARS, INC. - 1100 Key Highway East, Baltimore, MD 21230. (24-0314-5-1476) Air quality permit to operate

VAC PAC MANUFACTURING COMPANY,

# For the Record

INC. - 150 West Ostend Street, Baltimore, MD 21230. (24-6-1237 N) Air permit to construct for one heat-set printing press

## Baltimore County

EXXON MOBIL - 2424 York Road, Lutherville, MD 21094. (03-9-1108N) Air general permit to construct for two 15,000 gallon gasoline underground storage tank

GAMSE LITHOGRAPHING COMPANY, INC. - 7413 Pulaski Highway, Baltimore, MD 21237. (03-6-1634 N) Air permit to construct for one sheetfed lithographic printing press

HICKORY HILL FARM DAIRY - 17011 Pleasant Meadows Road, Upperco, MD 21155. (99DP3177) Groundwater industrial discharge permit

MAY CHAPEL CLEANERS - 12244 Tullamore Road, Timonium, MD 21093. (03-6-2630 N) Air general permit to construct for one dry cleaning machine

REISTERSTOWN AUTO BODY - 1404 Reisterstown Road, Owings Mill, MD 21117. (03-6-2622 N) Air permit to construct for one paint spraybooth

SEMINARY CLEANERS - 1417 York Road, Lutherville, MD 21093. (03-6-2632 N) Air general permit to construct for one dry cleaning machine

WAVE - WORTHINGTON ARMSTRONG VENTURE - 5301 North Point Boulevard, Sparrows Point, MD 21219. (97SW1391) General permit registration for stormwater associated with industrial activity

## Calvert

CALVERT COUNTY INDUSTRIAL PARK - 300 Skipjack Road, Barstow, MD 20678. (00HT9549) General permit registration for discharge from a water supply system

CHESAPEAKE HEIGHTS WATER DIST. SYSTEM - Cassell Boulevard, Prince Frederick, MD 20678. (00HT9546) General permit registration for discharge from a water supply system

DARES BEACH WATER SYSTEM - Virginia Avenue, Prince Frederick, MD 20678. (00HT9547) General permit registration for discharge from a water supply system

MASON ROAD WATER SYSTEM - Mason Road, Prince Frederick, MD 20678. (00HT9550) General permit registration for discharge from a water supply system

MICHAEL C. GRANADOS, CV-68 - 2300 Hunting Creek Road, Huntingtown, MD 20639. (S-99-04-4614-A1) Sewage sludge application on agricultural land

PRINCE FREDERICK WATER DIST. SYST. - Route 765 At Hospital Road, Prince Frederick, MD 20678. (00HT9537) General permit registration for discharge from a water supply system

RED HOT & BLUE RESTAURANT - 680 North Prince Frederick Boulevard, Prince Frederick, MD 20678. (04-8-0004 N) Air general permit to construct for one charbroiler

THOMAS L. HANCE, INC. - Prince Frederick, MD (90-SP-0357-A) Renewal for a surface mine permit located on south of Prince Frederick

## Caroline

DAVID A BRAMBLE, INC. - Chestertown, MD (91-SP-0378-B) Renewal for a surface mine permit located near the Route 480 & 312

OWEN DIXON - Greensboro, MD (78-SP-0059-A) Renewal for a surface mine permit located near the Greensboro

## Carroll

NORTHERN LANDFILL - CARROLL COUNTY - 1400 Baltimore Boulevard, Keymar, MD 21157. (06-9-0111 M) Air permit to construct for three temporary flares

CITY OF WESTMINSTER DEPARTMENT OF PUBLIC WORKS - P. O. Box 710, Westminster, MD 21158. (00-14-1181) Water permit to construct a 2.0-MG water storage tank and a water booster station at Gorsuch Road and Center Street

MASONRY CONTRACTORS, INC. - 4219 Hanover Pike, Manchester, MD 21102. (99DP3312) Groundwater industrial discharge permit

## Cecil

UNION HOSPITAL - 106 Bow Street, Elkton MD 21921. (07-9-0108 N) Air permit to construct for one Emergency generator

VETERANS ADMINISTRATION MEDICAL CENTER - Ward Circle, Perry Point, MD 21902. (00HT9576) General permit registration for discharge from a water supply system

W.L. GORE & ASSOCIATES, INC. - 402 Vieve's Way, Elkton, MD 21921. (07-6-0183 & 6-0184N) Air permit to construct for two welding areas

## Charles

EDWARD C. BOU PROPERTY - 9755 Crain Highway, Newburg, MD 20664. (S-00-08-4722-A) Sewage sludge application on agricultural land

EXXON RAS# 2-1028 - Route 5 and 925, Waldorf, MD 20602. (2001-OGR-6013) General permit for treated groundwater from oil contaminated sources

GILBERT O. BOWLING, SR. PROPERTY, SITE 39 - 9595 Bowling Alley Drive, Charlotte Hall, MD 20622. (S-00-08-4726-A) Sewage sludge application on agricultural land

HADLEY/DEPEW PROPERTY, CH-154 - 9250 Dubois Road, Charlotte Hall, MD 20622. (S-00-08-4673-A) Sewage sludge application on agricultural land

POTOMAC HEIGHTS MUTAL HOA WATER DIST. SYST. - 200 Cedar Lane, Indian Head, MD 20640. (00HT9512) General permit registration for discharge from a water supply system

## Dorchester

A.E. PHILLIPS & SON, INC. - 2423 Hoopers Island Road, Fishing Creek, MD 21634. (00SE0179) General permit registration for discharge from seafood processing

AIRPAX CORPORATION - EPP - 4 Washington Street, Cambridge, MD 21613. (9-6-0066) Air permit to construct for one vapor degreaser

G. W. HALL & SON SEAFOOD - 2551 Old House Point Road, Fishing Creek, MD 21634. (00SE2610) General permit registration for discharge from seafood processing

LINDY'S SEAFOOD, INC. DBA RUARK & ASHTON - 1631 Steamboat Wharf Road, Hoopersville, MD 21634. (97SW1394) General permit registration for stormwater associated with industrial activity seafood processing

P. L. JONES SEAFOOD - 2363 Hoopers Island Road, Fishing Creek, MD 21634. (00SE8904) General permit registration for discharge from seafood processing

RUSSELL HALL SEAFOOD, INC. - 2501 Old House Point Road, Fishing Creek, MD 21634. (00SE1200) General permit registration for discharge from seafood processing

THREE ANN'S SEAFOOD - 1123 Keys Road, Fishing Creek, MD 21634. (00SE2231) General permit registration for discharge from seafood processing

TODDVILLE SEAFOODS, INC. - 2345 Farm Creek Road, Toddville, MD 21672. (00SE0016) General permit registration for discharge from seafood processing

TRI-GAS & OIL CO., INC. - 204 Delaware Avenue, Hurlock, MD 21643. (2001-OGT-4562) General permit for storm/hydrostatic test water from oil terminals

VIENNA WTP - 4400 Elliott Island Road, Vienna, MD 21869. (99DP1983) Surface municipal discharge permit

## Frederick

DONALD SMITH PROPERTY, FR-59 - 11338 Dublin Road, Woodsboro, MD 21798. (S-98-10-4429-A1) Sewage sludge application on agricultural land

FORT DETRICK - AREA C - Building 810, Schreider Street, Frederick, MD 21702. (00HT9532) General permit registration for discharge from a water supply system

R. W. WARNER, INC. - 217 Monroe Avenue, Frederick, MD 21701. (2001-OPT-3367) Oil operations permit for above ground storage tank and transportation

ROSCOE HARBAUGH FARM - 7914 Apples Church Road, Thurmont, MD 21778. (S-00-10-4699-A) Sewage sludge application on agricultural land

RUTH LONG III FARM - 15296 Block Of Frederick Road, Emmitsburg, MD 21727. (S-00-10-4688-A) Sewage sludge application on agricultural land

THURMONT WWTP - 74 Moser Road, Thurmont, MD 21788. (99DP0639) Major surface municipal discharge permit

## Garrett

MARYLAND MINERALS, INC. - Oakland, MD (80-SP-0839-C) Renewal for a surface mine permit located near Hoyes-Sang Run Road

MARYLAND MINERALS, INC. - Oakland, MD (95-SP-0487-A) Renewal for a surface mine permit located near Route 219

TRI-STAR SOIL, INC. T/A SUPERIOR SAND. - Bruceton Mills, WV (77-SP-0086-1) Renewal for a surface mine permit located near White Rock Road

## Harford

ABERDEEN PROVING GROUND, BLDG. 702 - STEAP-SH-EE, Aberdeen Proving Ground, MD 21005. (12-4-

0619 N) Air general permit to construct for one boiler < 10 MMBTU

U.S. ARMY ABERDEEN PROVING GROUND-EDGEWOOD - Bush River Road, Aberdeen Proving Ground, MD 21010. (S-00-12-4629-I) Sewage sludge innovative project

## Howard

DANIEL G. SCHUSTER, INC. - Troy Hill Drive, Elkridge, MD 21075. (13-6-0313) Air permit to construct for one portable ready mixed concrete plant

EXXON MOBIL - 8251 Snowden River Parkway, Columbia, MD 21045. (13-9-0228 N) Air general permit to construct for two 15,000 gallon gasoline underground storage tanks

HOWARD COUNTY BUREAU OF UTILITIES - 9 TANKS - 9 Locations in Howard County (00HT9501) General permit registration for discharge from a water supply system

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 3450 Courthouse Drive, Ellicott City, MD 21043. (00-13-1161) Water permit to construct a booster pumping station at Route 29 and Route 216

VILLAS AT CATTAIL CREEK - 8808 Centre Park Drive - Suite 209, Columbia, MD 21045. (00-16-1199) Water permit to construct a water treatment plant at the Villas at Cattail Creek

VILLAS AT CATTAIL CREEK - 8808 Centre Park Drive - Suite 209, Columbia, MD 21045. (00-25-1198) Sewerage permit to construct a wastewater treatment plant at the Villas at Cattail Creek

## Kent

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

## 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

BETHESDA XTRA MART - 4972 Bradley Boulevard, Bethesda, MD 20816. (15-9-0634 N) Air general permit to construct for one groundwater remediation system

DAMASCUS WWTP - 23730 Log House Road, Gaithersburg, MD 20882. (00DP0162) Major surface municipal discharge permit

HERSON & COHN ENTERPRISES - 15555 Frederick Road, Rockville, MD 20855. (15-6-0622 N) Air permit to construct for one paint spraybooth

# For the Record

PLEASANT EXCAVATING CO., INC. - 24024 Frederick Road, Clarksburg, MD 20871. (2001-OPT-2592) Oil operations permit for above ground storage tank and transportation

SMITH LITHOGRAPH CORPORATION - 1029 E. Gude Drive, Rockville, MD 20850. (15-6-0623 N) Air permit to construct one 6-color sheet fed press

U.S. ARMY COE, WASHINGTON AQUEDUCT DIV. - 5900 Macarthur Boulevard, Washington, DC 20315. (00HT9503) General permit registration for discharge from a water supply system

VERIZON - CHESAPEAKE COMPLEX - 13100 Columbia Pike, Silver Spring, MD 20904. (15-9-0631 N) Air permit to construct for one 1500 kw diesel generator

## Prince George's

BOYD TANK LINES, INC. - 6600 Sandy Spring Road, Laurel, MD 20707. (2001-OPV-2182) Oil operations permit for transportation

ERICKSON RETIREMENT COMMUNITIES - 703 Maiden Choice, lane, Baltimore, MD 21228. (00-22-1194) Sewerage permit to construct Little Paint Branch Relief Sewer at I-495 and Route 1

KENILWORTH AUTO PARTS - 5612 J Street, Fairmount Heights, MD 20743. (97SW1393) General permit registration for stormwater associated with industrial activity

NOVA LABEL CO., INC. - 4819 Lydell Road, Cheverly, MD 20781. (16-6-1094 N) Air permit to construct one printing press

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

RICK JONES PIANOS, INC. - 5209 Holland Drive, Beltsville, MD 20705. (16-6-1088 N) Air permit to construct one paint spray booth

## Queen Anne's

DORSEY OWINGS SWINE FARM - 29782 River Road, Millington, MD 21651. (96AF9908) General permit registration for discharge from concentrated animal feeding operations >1000 head

L. A. THOMPSON & SON MARINA - 1719 Little Creek Road, Chester, MD 21619. (96MA9239) General permit registration for discharge from marinas

## Somerset

ISLAND SEAFOOD, INC. - DEAL ISLAND - 10375 Ralph Abbot Road, Deal Island, MD 21821. (00SE0513) General permit registration for discharge from seafood processing

SMITH ISLAND CRABMEAT COOP., INC. - 21128 Wharf Street, Tylerton, MD 21866. (00SE3129) General permit registration for discharge from seafood processing

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

J & W CONSTRUCTION - Leonardtown, MD

(80-SP-0220-A) Renewal of a surface mine permit located on St. Johns Road

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

PHIL DORSEY FARM, SM-29 - Breton Beach Road, Breton Beach, MD 20650. (S-00-18-3894-A) Sewage sludge application on agricultural land

ROBERT LUMPKINS, T/A GOLDEN EYE SEAFOOD - Clark Road, Piney Point, MD 20674. (00SE2347) General permit registration for discharge from seafood processing

SEA FRUIT OYSTER COMPANY - 16127 Piney Point Road, St. George's Island, Piney Point, MD 20674. (00SE2065) General permit registration for discharge from seafood processing

## Washington

CLEAN ROCK INDUSTRIES, INC. - 1469 Oak Ridge Place, Hagerstown, MD 21740. (21-6-0506 N) Air permit to construct one temporary screening plant

HAGERSTOWN COMMERCE CENTER, INC. - P. O. Box 278, Monrovia, MD 21770. (00-22-23-1160) Sewerage permit to construct a wastewater pumping station and a force main along Route 40 East and Allstar Count

HAMILTON NISSAN, INC. - 1929 Dual Highway, Hagerstown, MD 21740. (21-6-0511 & 0512 N) Air permit to construct one paint spraybooth

NU LOOK ONE HOUR CLEANERS - 609 Dual Highway, Hagerstown, MD 21740. (21-6-0519 N) General air permit to construct one dry cleaning machine

REDLAND BRICK, INC. - 15718 Clear Spring Road, Williamsport, MD 21795. (21-00003-6-0235) Air permit to construct one dust collector

TOWN OF HANCOCK - 126 W. High Street, Hancock, MD 21750. (00-16-1049) Water permit to install water softener facility at the Pennsylvania Avenue water Treatment Plant

TOWN OF HANCOCK - 126 W. High Street, Hancock, MD 21750. (00-23-1050) Sewerage permit to renovate the Number Two Wastewater Pumping Station and the Center Street Wastewater Pumping Station

## Wicomico

BEAZER EAST, INC. - Pemberton Drive at Wells Road, Salisbury, MD 21801. (00DP0007) Surface industrial discharge permit

DALE PETROLEUM LTD - 315 Lake Street, Salisbury, MD 21801. (2001-OGR-2857) General permit for treated groundwater from oil contaminated sources

DELMARVA OIL, INC. - SALISBURY - 800 Fitzwater Street Extended, Salisbury, MD 21801. (2001-OGT-3120) General permit for storm/hydrostatic test water from oil terminals

HEBRON WWTP - 26100 Block Rewastico Road, Hebron, MD 21830. (99DP1999) Surface municipal discharge permit

SALISBURY CHRISTIAN SCHOOL - 807 Parker Road, Salisbury, MD 21804. (00DP3326) Groundwater municipal discharge permit

SHARPTOWN WWTP - Little Water Street, Sharptown, MD 21861. (99DP1093) Surface municipal discharge permit

## Worcester

DELMARVA OIL, INC. - BERLIN - Harrison Avenue, Berlin, MD 21811. (2001-OGR-3124) General permit for treated groundwater from oil contaminated sources

DELMARVA OIL, INC. - BERLIN - Harrison Avenue, Berlin, MD 21811. (2001-OGT-3124) General permit for storm/hydrostatic test water from oil terminals

OCEAN CITY WWTP - 6405 Seabay Drive, Ocean City, MD 21842. (99DP0596) Major surface municipal discharge permit

PINES POINT MARINA - 869 Yacht Club Drive, Ocean Pines, MD 21811. (96MA9240) General permit registration for discharge from marinas

SHA - SNOW HILL SHOP - MD Route 394, 0.9 Miles North Of Snow Hill, Snow Hill, MD 21863. (00DP2496) Surface industrial discharge permit

HARRY C. WHITE - Pocomoke, MD (95-SP-0484-A) Renewal and Modification for a surface mine located near Sheep House Road

## Out of State

BLAIR COUNTY OIL & SUPPLY, INC. - 426 Bedford Street, Hollidaysburg, PA 16648. (2001-OPV-2169) Oil operations permit for transportation

CROWN CENTRAL PETROLEUM CORPORATION - NEWINGTON - 8211 Terminal Road, Newington, VA 22122. (2000-OPV-3093) Oil operations permit for transportation

ENVIRONMENTAL PARTNERS - 28 Cedar Lane, Stewartstown, PA 17363. (2001-OPV-10034) Oil operations permit for transportation

FLOYD ENERGY, INC. - P. O. Box 159, Belle Haven, VA 23306. (2000-OPV-2331) Oil operations permit for transportation

FREEHOLD CARTAGE, INC. - 825 Highway 33 East, Freehold, NJ 07728. (2001-OPV-2335) Oil operations permit for transportation

LINDEN BULK TRANSPORTATION CO., INC. - 4200 Tremley Point Road, Linden, NJ 07036. (2001-OPV-2465) Oil operations permit for transportation

OIL TRANSPORT, INC. - 4419 Bainbridge Blvd, Chesapeake, VA 23320. (2001-OPV-2557) Oil operations permit for transportation

PRILLAMAN CHEMICAL CORPORATION - 825 Fisher Street, Martinsville, VA 24112. (2001-OPV-2596) Oil operations permit for transportation

# Celebrate Wilderness Wildlife Week

(NAPSI)-What could be more exhilarating than a hike in the mountains? It's great exercise for both mind and body. Perhaps you're not into hiking but prefer a leisurely day enjoying the beauty of nature. Regardless of your preference, Wilderness Wildlife Week in Pigeon Forge, Tenn., will educate, entertain, and enhance your appreciation of the great outdoors.

Wilderness Wildlife Week, Jan. 6-14, is part of an award-winning festival focusing on outdoor life, from hiking to birdwatching, wildlife photography to outdoor history, plant and animal life to orienteering and much more.

## DAM

Continued from Page 2

City recently completed an alternatives analysis of many potential areas and routes to accommodate the needs of the contractor to complete the project. The value of public involvement in these permit decisions was clearly demonstrated as the best potential sites were ones offered by a local citizens' group. Their suggested sites not only eliminated the floodplain and non-tidal wetland impacts, but will save the city more than \$2 million in construction costs.

The combined cooperative efforts of Baltimore City, their consultant (Gannett Fleming), along with the local citizens' group and state senators and delegates from the eighth and ninth districts, resulted in a solution that achieves the goals while minimizing impacts and eliminating many of the concerns so important to the local residents.

The event features more than 80 nature experts from throughout the United States hosting walks, hikes, seminars and lectures on a wide variety of topics. All Wilderness Wildlife Week events are free of charge and open to the public. Wilderness Wildlife Week is part of Pigeon Forge Winterfest, a three and a half month-long festival that is highlighted by a series of special events. Pigeon Forge is located in East Tennessee at the foothills of Great Smoky Mountains National Park. Hikes through the Smokies range from relaxed walks to more strenuous overnight hikes. Topics vary with individual hikes and each is led by a Wilderness Week expert.

In addition to the hikes and seminars, a photo contest featuring wildlife and winter nature scenes is planned for the week. There is no entry fee and cash prizes will be awarded. Entry forms and information are available by calling 865-429-7350. Call 1-800-WINTERFEST for a complete list of activities.

## STAMP

Continued from Page 6

wildlife through art. We are proud to partner with the Department of Natural Resources in this terrific program."

The weekend's events will include an evening reception on Friday, March 30, and a show and sale will take place on Sat., March 31, and on Sun., April 1. The cost of the Friday night reception is \$20 per person. For ticket information, call the Friends of the Patuxent Wildlife Research Center at (301) 497-5789.

# Shore's land conservancy earns honors from Bay commission

The Eastern Shore land Conservancy (ESLC) received the Chesapeake Bay Commission's "Salute to Excellence" recognition award on Thursday, Nov. 9, 2000. The award was presented by Sen. Brian Frosh, chairman of the Maryland delegation to the commission, ESLC Chairman of the Board Harry Hughes, ESLC Co-Founder Russ Brinsfield, ESLC President Alexander Hoon and ESLC Executive Director Robert Etgen at the Harbortowne Conference Center in St. Michael's.

The Chesapeake Bay Commission is a tri-state legislative commission created in 1980 to advise members of the General Assemblies of Maryland, Virginia, and Pennsylvania on

matters of Bay-wide concern. The commission and the Bay Agreement partners have pledged to permanently preserve 20 percent of the land area in the bay watershed by 2010.

The partners recognized the ESLC's accomplishments of preserving more than 22,000 acres since its inception 10 years ago. ESLC is one of the most successful local land trusts in the nation and Maryland.

"The Eastern Shore Land Conservancy is truly leading the way and setting a sterling example for innovative land preservation activities," said Virginia Sen. Bill Bolling, chairman of the commission.

ESLC is a private, non-profit land conservation organization dedicated to the preservation

of farmland and habitat area on the Eastern Shore. Anyone interested in learning more

about the ESLC can call (410) 827-9756 or go to their website at: [www.eslc.org](http://www.eslc.org).



From left above are: ESLC President Alexander "Sandy" Hoon, ESLC Co-Founder Russ Brinsfield, ESLC Executive Director Robert Etgen, ESLC Chairman of the Board Harry Hughes, Sen. Brian Frosh, chairman of the Maryland delegation to the Chesapeake Bay Commission, and commission Chairman Virginia Sen. Bill Bolling.

## BREATHE Continued from Page 4

### A work in progress

Dr. Blaisdell is excited about the partnership with NASA. Her preliminary work already confirms the higher rates of asthma in the city. With NASA's help she is now beginning the process of correlating her data with specific environmental factors. She is confident that NASA's capabilities will help identify not only the environmental factors affecting the asthma rate, but also provide information as to when and where such factors are likely to occur. "We don't understand why childhood asthma rates are so high in the city. We hope that by using our base level research and NASA's technology we can begin to understand why we are seeing these high rates of asthma, and, more importantly, take proper measures to reduce either the asthma rates themselves, or the number of hospitalizations associated with these higher rates," said Dr. Blaisdell.

Quinn, of the city's health department agrees, "National survey data indicate that the number of children with asthma in the United States has more than doubled in the

past fifteen years, to nearly six million children nationwide. Dr. Blaisdell's work with the discharge data provides us with a first look at asthma prevalence in Baltimore City where the pediatric asthma hospitalization rate is nearly three times higher than the state rate. Partnerships with state agencies such as MDE, and federal agencies such as NASA, the U.S. Environmental Protection Agency, and the U.S. Department of Health and Human Services, are critical to compiling the multiple types of data needed to complete the picture."

### Study has limits

While all the team members are enthusiastic about the project, they did sound a note of caution. They emphasized that the study is limited by the types of data that are presently available. The team pointed out that the study would not initially take into consideration other factors, such as indoor pollutants, which also have an impact on individuals with asthma. As additional data sets, such as those for indoor pollution and other variables, become available, more accurate results can be obtained. Nevertheless, the team strongly believes the results of their study will have long-term benefits for children with asthma in Baltimore City. They all believe that using applied technology developed by NASA is an exciting and cost effective way to bring space age solutions to a pressing local problem.

The team expects the study to take between one to two years to complete. Current support for the study is provided through the University of Maryland School of Medicine and NASA. The team is also seeking funding support from the Health Care Financing Administration (HCFA) and others.

"Baltimore is lucky to be the beneficiary of this important effort on the part of NASA, the city's health department, and the University of Maryland School of Medicine," Baker added. "We at MDE are proud to be involved in this important project. We have environmental data the team needs for its work, and we are glad they came to us for assistance."

## ASK Continued from Page 6

and for reporting purposes. The waste can only be disposed of with a licensed hazardous waste hauler and a licensed hazardous waste disposal facility. You will also need to use a hazardous waste manifest to track the disposal of the waste.

It is important to note that in addition to requiring the Generator Identification Number, Maryland regulates all aspects of hazardous waste handling from generation through storage to disposal. This includes the required record keeping, personnel training, and storage for hazardous wastes. If you are generating hazardous wastes, you must comply with all of these regulatory requirements and MDE can assist you in learning about the regulations. In Maryland there are two categories of generator, small quantity and large quantity, and this status affects what regulations apply to you. If you generate more than 100 kg (220 lbs) total of hazardous waste in a calendar month, or store more than 100 kg (220 lbs) total of hazardous waste at any time, you are considered a large quantity generator. This is equivalent to approximately half of a 55 gallon drum for most liquids.

These regulations are complex and you should contact the MDE's Hazardous Waste Program at (410) 631-3345 or if you are a small business you can contact MDE's Small Business Assistance Program at (410) 631-3772 to find out how they apply to you. The department also has a Pollution Prevention program that may be able to suggest alternatives that could reduce or eliminate your generation of hazardous waste. The Pollution Prevention program can be reached at (410) 631-3772.

*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.*



## 'Ready, set--recycle!!!'

Look for public service announcements focusing on the importance of recycling to air on WBAL Television between January and March. The PSAs were created as a partnership between Maryland Department of the Environment, WBAL Television and the Maryland Environmental Service.

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