

MD Environment

Maryland Department of the Environment

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VEIP begins On-Board Diagnostics tests in July

By Reider White

Starting next month, Maryland's Vehicle Emissions Inspection Program (VEIP) will conduct inspections of all On-Board Diagnostic II systems (OBD) on 1996 and newer light duty vehicles weighing 8,500 pounds or less.

The OBD system, included on light-duty gasoline vehicles since model year 1996 to monitors all aspects of vehicle performance that affects emissions, provides a universal system of problem detection and reporting that enhances the ability to prevent air pollution and costly repairs. Because of this, many technicians have been using information provided by the OBD system to diagnose and repair emissions problems since the mid-1990s.

"VEIP has been an important part of Maryland's efforts to clean the air and protect the health of citizens since the mid-1980s," said Merrylin Zaw-Mon, acting secretary of the Maryland Department of the Environment. "Emissions control systems on vehicles have been greatly improved by manufacturers since testing began in the state, and we have continued to adapt our emissions testing technology and procedures to accurately measure emissions and identify those vehicles that pollute the air. The OBD system is the next

See OBD, Page 6



MDENVIRONMENT PHOTOS COURTESY OF DNR ON BEHALF OF TOM DARDEN

Gov. Parris Glendening releases one of four eagles returned to the wild May 27 in Sandy Point Park after being rehabilitated at the Baltimore Zoo animal hospital and Tri-State Bird Rescue and Research.

FLYING HOME

Four eagles returned to wild after rescue, rehabilitation in Maryland

Gov. Parris N. Glendening joined state wildlife biologists May 27 to release four rehabilitated juvenile bald eagles that were stuck in a silt pond at a Charles County mining site days earlier. A total of seven eagles were pulled from the muck in Nanjemoy, four of which survived. The Maryland Department of the Environment has since formed a workgroup to develop operational/rescue plans and experimental techniques to prevent similar incidents. A photo journal of the rescue can be accessed at www.dnr.state.md.us/wildlife/eaglewatch.



A pencil was used to clear the breathing passages of one of four surviving eagles after their rescue from the silt pit.

MDE program helps protect water quality

By Stephen Kraus

The Maryland Department of the Environment (MDE) completed an innovative "Linked Deposit" transaction March 20, with the Bay Ridge Civic Association Inc. and the Columbia Bank of Maryland.

"This unique partnership provided an excellent example of the public and private sectors working together to protect the environment," said Jag Khuman of Water Quality Financing Administration. "The program allows MDE to utilize the efficiency and convenience of local lending institutions to improve the quality of Maryland's water resources. In this case, the linked deposit program made it possible for Columbia Bank to provide a \$2.25 million low interest loan for the purchase and preservation of approximately 80 acres of land surrounding the Bay Ridge community."

A condition of the linked deposit included a conservation easement on the 80 acres to prevent development and the associated runoff from reaching the surrounding waterways. The linked deposit agreement between MDE and Columbia Bank, provided for a below market rate of interest on an investment equal to the loan amount that in-turn allowed the bank to provide the Association with a loan at 3.9 percent below market. Maryland is one of only three states that have a Linked Deposit program.

The Bay Ridge Civic Association is located at 1000 Bay Ridge Road, Baltimore, MD 21215. See WATER, Page 6

In this edition...

Maryland joins technology partnership -- Page 4

MDE assists La Plata in tornado recovery -- Page 5

Kop-Flex site being remediated through VCP -- Page 6



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Companies participate in P2 intern project

By Laura Armstrong

The Maryland Department of the Environment (MDE) has joined forces again with the Maryland Technology Extension Service (MTES) to continue pollution prevention (P2) internship program that places students with Maryland businesses.

This year, Ahmadreza "Ahmad" Toullabi, a graduate student in environmental engineering at the University of Maryland, College Park, worked with two companies, Stone Industrial in College Park and Victor Graphics in Baltimore to identify and assist in implementing cost-saving pollution prevention measures. With assistance from MTES consulting engineer Paul Gietka and University of Maryland engineering faculty Allen Davis, Ph.D.

Stone Industrial

Stone Industrial manufactures custom spiral-wound paper and plastic tubing as well as extruded thermoplastic tubing. Their products have numerous applications in many industries including aerospace, appliance, industrial and medical devices and packaging. The focus of the P2 Intern Project was reduction of hazardous waste generation and improving the efficiency of volatile organic compound (VOC) destruction in the company's Regenerative Thermal Oxidizer (RTO). Toullabi suggested a number of changes that have the potential to improve the efficiency of the RTO from 73 percent to more than 95 percent. These measures, along with the use of a waste compacter, could help the company achieve a costs savings of \$80,000 to \$90,000 annually.

Suggestions to improve the efficiency of the RTO included replenishing and rearranged the ceramic media that act as heat exchangers, inspecting and replacing valves and seals to prevent heat escape, installation of a VOC concentrator, and setting the oxidation temperature at lower settings or shutting it down completely during non-operation hours. Toullabi alternatively suggested that the company retrofit the RTO to a Regenerative Catalytic Oxidizer (RCO) with a metal catalyst that allows the complete destruction of VOCs to occur at one-half to two-thirds the temperature. This would amount to a drastic reduction (50-90 percent) in the amount of auxiliary gas burner fuels required, a 50 percent reduction in electricity consumption, and a 30 percent increase in flow rate.

"The P2 Intern Project was a beneficial endeavor on all of our parts and has certainly provided enough information to warrant additional studies of our options," said John Easto, chief engineer at Stone Industrial.

Stone Industrial is also working with their adhesive supplier in developing high-solid, low-solvent formulations. And in the adhesive mixing process, the company has moved from 5 gallon to 2-gallon pails for mixing, which reduces excess material and the volume of pail liners that must be disposed.

Stone Industrial also regrinds plastic from their extrusion process to mix in with virgin plastics. The installation of a small extruder now allows them to make their own pellets from the waste plastics, which has greatly improved the reliability and efficiency of the reuse process.



MDENVIRONMENT PHOTOS BY LAURA ARMSTRONG

• Above from left, David Gischel, vice president of Manufacturing at Victor Graphics and Paul Gietka, manager of the Environmental Engineering Program and senior consultant at the Maryland Technology Extension Service, at Victor Graphics in Baltimore while an employee loops a roll of paper to begin printing textbooks.

• John Easto, chief engineer at Stone Industrial, stands next to a still that allows the company to reuse waste solvent used to manufacture custom spiral-wound paper and plastic tubing.

Additionally, the HVAC system and fluorescent bulbs and ballasts have all been replaced to improve energy efficiency. Water in the chillers that set their products is recirculated and employees are trained in the use of readily available spill kits, which include absorbent materials and magnetic collars for the temporary containment of leaks in drums.

Finally, Stone Industrial ensures that the protective packaging for the polyester film they receive goes back to the manufacturer for reuse.

Victor Graphics

Victor Graphics specializes in printing educational books for book publishers and trade and professional associations.

David Gischel, vice president of manufacturing at Victor Graphics, was interested in exploring the possibility of eliminating a reverse osmosis system, which yielded only 35 to 45 percent of the water it processed.

Toullabi investigated whether this was possible and what the ramifications might be. Collecting data on Baltimore City water, he discovered that fountain solution could be added directly to city water to raise it to the recommended conductivity levels.

Victor Graphics moved ahead with eliminating the system and has been enjoying the results ever since. This change has saved them about 370 cubic feet of water per day or \$500 per quarter.

Gischel estimates that the company is also saving about \$100 per month in energy costs. Maintenance and service costs associated with the system have also been eliminated.

Victor Graphics has implemented a number of P2 measures since the company was formed in 1983. The company uses non-alcohol fountain solutions and are always testing and using new low VOC inks. They have also achieved VOC reductions by moving from a varnish application on book covers to laminates and UV curing.

Over the past year, Victor Graphics dedicated itself to reducing paper waste and their material yield rate in the text line has gone from 65 percent to about 75 percent, a 10 percent reduction in paper waste that is saving them approximately \$500,000 annually. Press upgrades have allowed them to run a print job to a specific number count, eliminating overruns and to print signatures back to back without stopping the presses, which creates additional paper waste. In addition, Victor Graphics recycles all paper, covers, binding materials, film, silver, plates, wrapping material and pallets.

The company actively encourages input from their 200 employees through a number of incentive programs. "The Buck Stops Here" prevents waste by giving immediate cash awards to those who catch printing mistakes before they happen. The "Victor Cash" program enables supervisors to give cash to those that go above and beyond their job and the "Move It" program awards employee suggestions to enhance safety and the quality of the product.

"We keep people looking for problems, because in manufacturing there's always the potential for problems, and for opportunities," Gischel said.

Grove, Eskin tapped as new TARSA heads

By Tracy Newman

The Maryland Department of the Environment (MDE) recently named Robin Grove and Richard Eskin, Ph.D. as the new director and deputy director, respectively, to lead its Technical and Regulatory Administration (TARSA).

TARSA, one of MDE's five administrations, provides technical and regulatory support to the rest of the department on a variety of issues including noise control, fish advisories, water quality monitoring and working with other agencies to reduce the risks posed by natural hazards such as floods.

"As MDE works toward protecting and preserving Maryland's precious environment, it is comforting to know that the leaders of TARSA have the experience and the know-how to get the job done," MDE Acting Secretary Merrylin Zaw-Mon said. "From ensuring that Maryland's shellfish harvest waters are protected from contamination to providing sound technical foundations for regulatory activities, it is important to have the right individuals leading MDE's respective administrations. Robin and Rich are the right fit for TARSA."

Grove holds a Bachelor of Science degree from Oregon State University, a law degree (J.D.) and an M.A. in Public Administration from Harvard University. Before coming to MDE, Grove worked for the National Governors' Association, the U.S. Environmental Protection Agency, the U.S. Congress and the territory of Guam — where he lived and worked for over eight years, initially as a volunteer for Volunteers In Service To America.

Finding himself back at MDE in 1994, Grove served as deputy director of MDE's Waste Management Administration for three years until 1997. And while he worked as TARSA's deputy director for two years, Grove said that perhaps one of the biggest obstacles of his new position would be to ensure that despite different tasks, each employee is working together toward a common goal.

"TARSA has an extra wide division of pro-



Grove

grams within it, from noise control to oyster harvest certifications... to the Emergency Response Division (ERD) and the department's IT staff, that the challenge is to make sure that all of these programs are not only working together but support other parts of the department to the highest level," Grove said. "I hope to be able to develop a structured and timely approach to better coordinating and managing the diverse array of programs to accomplish that goal."

Eskin received his B.A. in Biology from the State University of New York at Stony Brook, an M.A. in Biology from Hofstra University on Long Island, N.Y., and a Ph.D. from the University of South Carolina.

Working for the Illinois Legislative Research Unit in Springfield, Ill., as senior staff scientist, Eskin and his staff responded to technical questions for legislators who were developing or voting on legislation. The questions ranged from Human Immunodeficiency Virus (HIV) to computer viruses, from tipping fees to coke ovens.

Eskin came to MDE about 12 years ago as a research statistician, working on various monitoring programs, tributary strategies and other Chesapeake Bay-related issues, until being named program manager for the Environmental Health and Risk Assessment Program. As manager, he was responsible for water quality standards, shellfish certification and whole effluent toxicity testing.

Now as TARSA's new deputy director, Eskin said he is thrilled that he has been given an opportunity to make a difference to MDE and to the state of Maryland.

"I am pleased that Robin and the Office of

grams within it, from noise control to oyster harvest certifications... to the Emergency Response Division (ERD) and the department's IT staff, that the challenge is to make sure that all of these programs



Eskin

Secretary have sufficient confidence in my experience and ability to offer me the position. It comes with a lot of responsibility, but also the potential for significant professional growth," he said. "I am excited about the opportunities it offers to get my ideas implemented, and honestly believe that I can make a positive contribution toward fulfilling the mission and goals of the department and administration."

After the terrorist attacks of Sept. 11, Grove said part of his strategy for improving TARSA focused on how to better utilize the administration's ERD, which responds to emergency environmental threats such as oil spills and chemical fires.

"Certainly after the terrorist incidents of 9/11, ERD's responsibilities and needs have greatly increased. The challenge will be to work more closely and in a timely manner with federal agencies and local governments," Grove said. "We hope to do that through training and the development of databases for state, federal and local first responders and government officials."

In his spare time, Eskin enjoys nature photography and spending time with wife Martha, a nuclear medicine technologist, and son Joshua, a high school sophomore on the varsity wrestling team.

While not as his day job, Grove contributes regularly to several *Washington Post* humor columns and contests, for which he has received several awards and well-deserved critical reviews. A native of Oregon, Grove lives in Pasadena, Md. along the Chesapeake Bay.

Ask



By Andrew Gosden

This column is focused on questions concerning business environmental compliance issues. Please submit your questions to Maryland Department of the Environment, EPSC — Ask MDE, 2500 Broening Highway, Baltimore, Md. 21224. You can also e-mail your questions to EPSC@mde.state.md.us with Ask MDE in the subject line. It is not necessary to identify yourself or your business.

Q. I have a sign business and I would like to put in a paint spray booth so I can paint custom signs. I have heard that it is difficult to get a permit for this. Is this true, and what do I need to do to get a permit?

A. The good news is the type of process you are discussing could qualify for an exemption known as the de minimis exemption. This exemption allows certain types of very small sources to be exempt from the permit process. The conditions for this exemption are complicated and require a review by the Air Quality Permits Program to make sure it applies to your project. Contact the Air Quality Permits Program at (410) 631-3230 for more details on this exemption. This exemption does not apply to auto body shops.

The air quality permit process for this type of operation is not too difficult but the application does require some detailed technical information. To complete the application you will need to have the following available:

- Material Safety Data Sheets for the paints being used
- Estimates of the amount of paint being used

The application will require completion of three forms: AMA 5, AMA 5A and AMA 5B, or the Form 5 and the spreadsheet described below. These forms are available for download from MDE's web site, www.mde.state.md.us/arma/Programs/Aqpermit/Forms/permits.html. If you have a computer with Microsoft Excel, download a spreadsheet program that can calculate the emissions from the painting operations. This program will make the application easier and you can print from the spreadsheet instead of filling out forms 5A and 5B.

If a permit is needed it will most likely cost between \$500 and \$1,000. The air quality permit to construct for this type of project is typically issued within three months. Be sure to read the permit to make sure you understand what you need to do. Please contact the Environmental Permits Service Center (EPSC) at (410) 631-3772 or the Air quality Permits Program at (410) 631-3230 if more information is needed, including copies of the forms.

Although the information provided in this column is generally accurate for the specific situations that are addressed, it is not a substitute for compliance with any requirements. Call the EPSC at MDE with questions about a permit or how regulations may apply to a situation.

News Briefs

Lead prevention week closes

Gov. Parris N. Glendening proclaimed June 1-8 as Childhood Lead Poisoning Prevention Week in Maryland. Sponsored by the Maryland Department of the Environment (MDE), the Lead Poisoning Prevention Partnership and the Coalition to End Childhood Lead Poisoning, the program is comprised of week-long activities across the state that highlight what parents and property owners can do to prevent lead poisoning.

"In Maryland, 4.6 percent of children tested under the age of six had elevated blood lead levels—in Baltimore city that figure rises to 12.2 percent," Gov. Glendening said. "Maryland is working to change these statistics. Innovative programs in lead poisoning prevention are showing results. Last year, more than 20,000 rental units were certified for meeting risk reduction standards."

MDE Acting Secretary Merrylin Zaw-Mon added that changes in Maryland's lead law have

resulted in more lead enforcement activity. "In 2001, more than 500 enforcement actions for lead hazards were undertaken," she said. "Despite these strides, there is much to do to ensure that not a single child is exposed to lead."

The effects of lead poisoning may result in poor school performance, inability to read, aggressive behavior, hearing loss or even mental retardation. By 2000, nearly one million U.S. children under the age of six had blood lead levels considered to be an elevated level by the Centers for Disease Control.

Mercury ban begins in October

The Maryland Department of the Environment (MDE) has been educating Maryland citizens, retailers and manufacturers about reducing mercury pollution in the state's environment. Mercury — a silver, metallic element found in many beneficial products is also toxic and comes in many forms that can be harmful if not managed properly.

MDE has notified retailers and manufactur-

ers of the ban on the sale of mercury fever thermometers, which becomes effective October 2002. Information available from MDE on mercury includes mercury in the home and environment, alternative products, spill kits, cleanup and mercury recycling resources. To learn more about mercury, consult MDE's website at: www.mde.state.md.us.

NDZs are in effect

Improved water quality and further protection of two sensitive waterways will be among the benefits of Maryland designating its first No Discharge Zones (NDZs). NDZs are areas of water that prohibit boaters from dumping treated or untreated sewage.

Enforcement of Maryland's newly designated NDZs has begun in Herring Bay (in southern Anne Arundel County) and the northern coastal bays in Worcester County (Assawoman and Isle of Wight Bays; and from the Ocean City Inlet north to the Delaware state line).

Md. joins technology partnership

By Scott Macomber

The Maryland Department of the Environment (MDE) has become the newest member of the multi-state Technology Acceptance and Reciprocity Partnership (TARP), joining several other states including California, Illinois, Massachusetts, New Jersey, New York, Pennsylvania and Virginia.

The goal of TARP is to streamline the regulatory approval process for innovative environmental technologies. To achieve this goal, the partnership works to reduce the cost of conducting numerous state specific bench, pilot and full-scale effectiveness trials by developing standardized data collection protocols for technology vendors.

Officials hope that reducing data collection costs and streamlining the review process will lower a significant barrier to market based environmental solutions lowered for both technology vendors and users.

Following its initial formation in 1996, TARP partner states (Calif., Ill., Mass., N.J., N.Y. and Pa.) researched the roadblocks to innovative technology development and implementation. The results indicated a need to standardize data collection and analysis protocols. Subsequently, the partnership developed baseline data collection parameters that allow reciprocating states to accept data generated in partner states for the evaluation of technology performance.

A three-tiered approach was chosen for data collection and evaluation. The first tier provides general guidance for the technology categories covered by the TARP agreement. These include: Recycling, zero wastewater discharge systems, pollution prevention, measurement and monitoring, treatment and control and remediation. The second tier provides technology specific (e.g., stormwater best management practices) guidance for data collection and quality control parameters. The third tier is focused on providing permit specific guidance and has not yet been developed to date.

Maryland benefits from joining TARP in a variety of ways. First, Maryland expands the economic opportunities for its industries by increasing the markets available for environmental technologies. Second, Maryland joins its Chesapeake Bay Program partners (Va., Pa.) in furthering the implementation of Chesapeake Bay Executive Council Directive 98-3 "Accelerating Bay Restoration Through Implementation of Innovative Technologies." Third, Maryland solidifies a contingent of states that has chosen to assist the development of the environmental technology business

Septic video receives Aegis Award

By Mike Eisner

"Shrek" — if you haven't seen it, rent it today and watch it. If you have seen it, you may recall the beginning minutes, which places Shrek, that lovable ogre, tenderly reading an introduction to a fairy tale. This reading is jarringly interrupted by rock n' roll music, as Shrek rips the page out of the book, and exits a country outhouse. Details of usage of the storybook pages are thankfully omitted, save for the imagination.

While outhouses can a very reliable function in areas that are not amenable to public sewerage, they are mostly the story of yesterday's "management" of domestic wastewater. However, modern septic systems can also endanger human health and the environment if they are not properly designed, constructed and maintained. It is the functioning of septic systems and homeowner responsibility for maintaining their septic systems that is the focus of a new, award winning video.

The video, "Uncovering the Mystery in Your Backyard: A Homeowner's Guide to Septic Systems," is about 26 minutes long, and includes interviews with personnel from the Maryland Department of the Environment (MDE), county sanitarians, university experts and industry professionals. The video recently received the Aegis Award for Excellence in Video Production in the Training and Education Category.

The Aegis Awards were founded nearly a decade ago by an independent group of directors and producers. The awards give companies and individuals the opportunity to attain recognition for their creative expertise. Judging is based on a formula that grades the various elements of the production (such as shooting, editing, use of music, etc.) and then calculates a composite score based on an average of all the judges' opinions.

Educating homeowners in septic system maintenance is a priority of MDE and was identified by the state Water Quality Advi-



MDENVIRONMENT FILE PHOTO

A 2002 Aegis Award was recently presented to the Maryland Department of the Environment for the production of a video addressing home septic systems.

sory Committee and by the Onsite Sewage Disposal Task Force as an ongoing need.

"The importance for developing this video was the realization that septic tanks will be with us for a long time to come and in many cases they are the appropriate waste treatment system," said Bob Summers, director of MDE's Water Management Administration. "However, for the most part they are owned by the private homeowner who must take the responsibility for adequately maintaining them."

A septic system is essentially a small biological wastewater treatment plant and disposal system buried in the backyard. All wastewater treatment systems require some level of oversight and maintenance. With 18 percent of homeowners in Maryland having this type of onsite system, the need was identified to educate homeowners on fundamental dos and don'ts, as well as provide motivational economics for system maintenance.

The video has three goals:

- To inform the audience about the form and function of a conventional septic system;
- To educate the viewers on "best man-

agement practices" they should employ to enhance the performance and extend the life of their system;

• To introduce the types of "alternative", or nutrient-removal systems available and/or preferred in some parts of the state." In addition, because of the potential for septic system effluent to discharge not only pathogens (if the system is not properly managed), but also relatively high concentrations of nutrients, the relationship between septic system effluent, its potential effects on human health, overall water quality and the Chesapeake Bay.

MDE's "Septic System Advisory Committee Final Report," dated January 2000, states that "the EPA/State Chesapeake Bay Program has identified nitrogen removal from septic systems as an important component of the 40 percent Chesapeake Bay Nutrient Reduction Goal." In an effort to address concerns regarding nutrient loading in the Bay region, the third section of the video discusses nutrient-removal and other "alternative" septic systems and their potential benefit in reducing nitrogen loading to the bay.

MDE's Herb Sachs provided help in identifying a funding source and provided direction for developing the video. MDE's Wastewater Permits Program then partnered with the Maryland Center for Environmental Training, which has experience in video production, and an independent filmmaker to create this educational product geared for the homeowner.

After previewing the video, the Southern Maryland Association of Realtors requested copies for real estate agents to distribute to new homebuyers. Subsequent to a viewing by the directors of environmental health many local health departments have requested copies to distribute to homeowners.

To help meet the demand for the video, a \$5,000 grant was recently been secured from the Chesapeake Bay Trust for producing extra copies for distribution. For copies, or if you have suggestions on distribution, please call Jay Prager toll-free in Maryland at (800) 632-6101, ext. 2780.

Green cars roll into D.C., Baltimore for Tour de Sol

The Maryland Department of the Environment (MDE) was among hundreds of participants at the annual Tour de Sol festival held in locations in Baltimore and Washington D.C. from May 12-18.

Tour De Sol: The Great American Green Transportation Festival is a unique, year-round public education campaign that culminates in May in a series of festivals in the Northeast from New York to Washington D.C. linked by a road-rally competition.

An estimated 40,000 people attended each festival to see products and services that can improve the environment by reducing oil use, pollution and global warming. Many displays featured state-of-the-art cars, buses, bikes, neighborhood vehicles, green electricity choices, renewable energy displays and other displays of Earth-friendly products.



MDENVIRONMENT PHOTOS BY DON MAULDIN

Above, students from West Philadelphia High School display their 'Soljourner I,' a 'green' car made from a Saturn SL2. At right, students from the Millersville University's chapter of the National Association of Industrial Technology, raised money to design and build THE TROUTEV, a stream-lined body electric motorcycle.



MDE helps La Plata recover from tornado's trail of devastation

By John Verrico

The Maryland Department of the Environment (MDE) dispatched a number of employees to Charles and Calvert counties April 28, after a deadly tornado tore through Southern Maryland and the Eastern Shore, leaving three residents dead and a small town devastated by destruction.

The F5 tornado — with winds exceeding 250 mph — initially touched down in the heart of La Plata's Main Street business and residential district, destroying or damaging more than 500 homes and businesses. The storm then cut a 26-mile long trail through the two counties, traveling across the Chesapeake Bay to Dorchester County on the Eastern Shore — leaving toppled trees and damaged homes and buildings in its wake.

"The extent of the destruction is truly extraordinary," said Gov. Parris N. Glendening, declaring a State of Emergency in Charles, Calvert and Dorchester counties in response to the extensive damage caused by the tornado and the accompanying storms. "But no less extraordinary than the way Marylanders from every part of the state are pulling together to support their neighbors in Southern Maryland. I want to thank the state's Congressional delegation that is working hard to secure federal relief funds. This was a terrible tragedy, but Marylanders are once again showing their unity and compassion. It will take hard work, money and time, but we will ensure impacted communities have the resources to rebuild."

President George W. Bush also fulfilled Glendening's request for a Federal Disaster Declaration, allowing for maximum federal support to the storm-ravaged areas, in addition to state-issued grants.

MDE personnel — from the department's Emergency Response Division, inspectors from the Water Management Administra-



Above, state and local officials join residents in looking at the remains of La Plata's Main Street business and residential area after the town was hit by an F-5 tornado on April 28. At right, a wind-toppled water tower drained about 600,000 gallons from the county's water supply.



MDENVIRONMENT PHOTOS COURTESY OF GOVERNOR'S PRESS OFFICE

tion and Waste Management's Oil Control Program — were dispatched to the scene to assess the environmental damage.

While several gas stations were impacted by the storm — one of them leveled — the safety valves held and the underground storage tanks were not ruptured. MDE officials said the additional damage that could have been caused by the release of gasoline and diesel fuel, could have been even more devastating than the storm damage itself, or could have caused groundwater and pollution problems for years to come.

A wind-toppled water tower caused about 600,000 gallons of water to drain from the Charles County water supply before the system could be shut down. The loss of water, while significant, did not deplete the system since Charles County had not been seriously impacted by the recent drought.

Approximately 450,000 gallons of sewerage overflowed at the La Plata wastewater treatment plant until the recently installed back-up generator could be deployed. Two pumping stations that did not have back-

up generators continued to overflow, but citizens were asked to reduce water use to decrease the amount of wastewater until the power was restored.

The Waste Management Administration quickly worked with Charles County to grant permission to create a temporary waste transfer station or staging area for all of the construction debris in the town of La Plata. They identified State Highway Administration property just north of La Plata where the debris could be taken and separate out the woody debris, rubble and construction debris, recyclables and hazardous waste to be taken to appropriate waste facilities.

"With gas stations and the PEPCO oil pipeline in its path and the Calvert Cliffs Nuclear Power Plant nearby, the tornado's potential for additional, lasting environmental damage was enormous," MDE Acting Secretary Merrylin Zaw-Mon said. "In addition to the obvious impacts from the loss of thousands of trees, MDE had some concerns about ruptured home heating oil tanks and about 80 downed transformers. Thankfully, none of these incidents materialized."

With the area free of any storm-related environmental disaster, the focus of town officials has shifted to clearing the debris out of the neighborhood and streets, allowing the citizens of La Plata to begin the long process of rebuilding.

"It is truly amazing to see how everyone from the federal government to the local citizens to especially our state government has been so tremendously supportive," said Sen. Thomas "Mac" Middleton. "Having the governor and the Lt. governor stand with us in this difficult time is very meaningful to the people of Charles County. We are the ground-zero of this tornado and we are witnessing the true meaning of community."

eCycling campaign nets 100 tons of electronic recyclables

By Darshana Patel

More than 2,500 Marylanders contributed 100 tons of electronics during a series of eCycling collection events for Earth Week 2002, which took place from April 20-27.

Local governments, in partnership with state and federal government and industry, organized events in Allegany, Baltimore, Carroll, Cecil, Harford, Queen Anne's and Worcester counties.

Several of the Maryland Department of the Environment's (MDE) eCycling partners such as Panasonic, Sony and Sharp are leading the in electronics recycling by funding the recycling and remanufacturing of their electronic products. During Earth Week 2002, each company paid for the recycling of their computer monitors, peripherals and tele-

visions, which were separated from those manufactured by other companies.

"These companies are showing initiative in product stewardship by paying for the recycling of their equipment," said Rick Collins, director of MDE's Waste Management Administration. "Their exemplary actions benefit local governments, citizens, and future generations by reducing toxics in the waste stream from old electronics."

There is growing concern about the disposal of obsolete electronic goods because they contain elements such as lead, mercury and arsenic, which pose environmental and health threats.

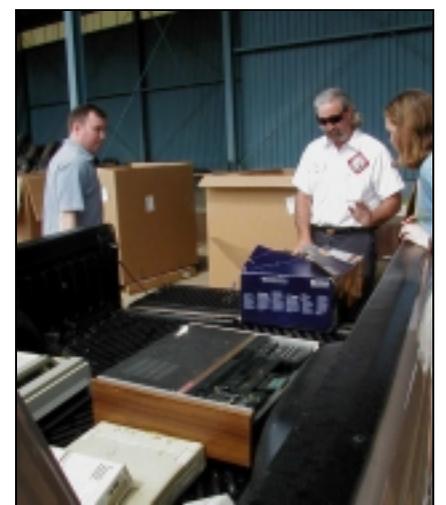
Once electronics are past the point of being resold or donated to charitable groups, or upgraded to extend their lifespan, separating the raw materials to

be processed for reuse and disposing of the hazardous materials become primary concerns.

Another reason for concern about the disposal of electronics is the volume they add to the municipal waste stream. In Maryland, outdated computers and old televisions account for 150,000 tons of waste annually, based on U.S. Environmental Protection Agency (EPA) estimates.

"The participation of Maryland citizens and eCycling partners in collection events ensures that tons of obsolete electronics are managed properly," Zaw-Mon added. "MDE looks forward to their continued participation in upcoming eCycling activities."

Consult the MDE website at www.mde.state.md.us for future events or resources for electronics recycling.



MDENVIRONMENT FILE PHOTO

A state resident unloads a truck full of electronic recyclables during an Earth Week event held in Cecil County in April.

VCP program to remediate Hanover site

By Darshana Patel and John Cherry

Emerson Electric Company recently took advantage of Maryland Department of the Environment's (MDE's) Voluntary Cleanup Program (VCP) as a means of remediating contamination at the Kop-Flex property in Hanover, Md.

The Kop-Flex property has been used for the manufacture of power transmission parts since 1969. Sampling and analyses in 1996 and 1997 identified soil and groundwater contamination from solvent usage and the on-site discharge of wastewater around the forge and manufacturing plant buildings.

Emerson applied to the VCP in July 1998 seeking a Certificate of Completion from the state as a responsible party. MDE accepted the property into the program after reviewing the application and the environmental test results. A response action plan was later developed and submitted to MDE by Emerson to address contamination at the property. In March 2001, MDE approved this cleanup plan, which identified remediation methods for addressing contaminated areas on the property.

In accordance with the approved plan, Emerson is currently operating an *in-situ* (in place) remediation system that captures contaminated water, stripping it of contaminants and returning the groundwater to the subsurface. The groundwater remediation process is expected to operate for three years with an additional year of monitoring and close-out activities.

Soil contamination will be remediated by a soil vapor extraction and dual-phase vacuum extraction system that will withdraw and treat contaminated soil vapor and groundwater. This remediation is expected to operate for two to four years. Soil excavation and off-site disposal activities were completed in other areas of the site in February and March 2002, respectively.

Once the cleanup plan is successfully implemented, MDE will issue a Certificate of Completion contingent upon future commercial/industrial use with other restrictions on the property.

"The VCP has afforded Emerson the opportunity to move forward efficiently with the site remediation under state oversight," said Derek Chase, Director of Environmental Affairs for Emerson. "We will continue to work with MDE to achieve an agreed upon closure."

For more information on the VCP, call the Environmental Restoration and Re-development Program, MDE at (410) 631-3437 or consult www.mde.state.md.us.

Area workers enjoy bicycle commute

By Bob Maddox

Commuters in the Baltimore-Washington region were encouraged to leave their cars at home on May 3 and try a bike commute for annual Bike to Work Day.

After windy, rainy and chilly conditions subsided, the sun finally appeared, allowing many area workers to have an invigorating bicycle commute in the brisk spring air.

Some were nervous, first-time bike commuters who had to learn the skills of riding a bike on roads dominated by cars and trucks. But several experienced riders, acting as ride leaders, helped take the edge off for novices, demonstrated proper communication with motorists and pointed out potential road obstacles such as storm water grates and rubble.

This year, bike commuter rallies were held in several locations including the State Center and the Hard Rock Café Inner Harbor in Baltimore, City Dock in Annapolis, and in metropolitan D.C.

One of Baltimore's bike commuters was Sam Himmelrich, the developer of Montgomery Park, the restored Montgomery Wards building that will be the new headquarters for the Maryland Department of the Environment.

"One of the things I want to do at Montgomery Park is encourage bike commuting," said Himmelrich while enjoying coffee at the Hard Rock Café with other cyclists. "Montgomery Park will have bike racks and show-

ers and will be accessible from the Gwynns Falls Trail. It's part of the plan to make Montgomery Park a 'green' workplace."

At the State Center on West Preston Street, employees from the Mass Transit Administration (MTA) demonstrated how to use the new bike racks that are being installed on buses. MTA would like commuters to combine bicycles with public transit as a commuting option.

Annapolis held its first Bike to Work Day with a rally at City Dock.

"It went really well," said Paul Foer of the Annapolis Department of Parking and Transportation. "We had the mayor [Ellen Moyer] and the county executive [Janet Owens] come out and about 35 bike commuters. Not bad for our first try."

The Washington Area Bicyclist Association (WABA) reports having the biggest and best Bike to Work Day with rallies at 11 locations. More than 1,000 people attended the downtown rally where D.C. Mayor Anthony Williams was presented with the "Big Picture of Cycling Award" by Ellen Jones, executive director of WABA.

To learn more about bicycle commuting or to become a more active bicyclist, visit these Web sites: Washington Area Bicyclist Association at www.waba.org; Baltimore Bicycling Club at www.baltobikeclub.org; One Less Car at www.onelesscar.org; and www.cleancommute.com.

OBD Continued from Page EE 3

step in evaluating the performance of a vehicle's pollution control technology."

The OBD system, a computerized network built into new vehicles that monitors and instantly reports problems in a vehicle's pollution control equipment, alerts motorists by turning on a dashboard warning light and storing fault codes and engine-operating conditions that repair technicians can access to diagnose and repair the vehicle.

The OBD system consists of:

- The Power train Control Module (PCM), a computer that monitors the emissions control systems;
- Emissions control components, systems and sensors;
- A dashboard warning light used to advise motorists of actual or impending emissions control problems, and a connector used to interrogate the vehicle's PCM.

The OBD test is a two-step process that state officials are confident will replace dynamometer testing for most new vehicles. The lane inspector will first look to see if the check engine light on the dashboard is working since the dashboard light is the only way the vehicle's computer can alert the driver to a problem. If the dashboard warning light is not working, the vehicle will fail the VEIP test.

The second step consists of an electronic examination of the OBD computer in which the lane inspector will attach a cable to the



MDENVIRONMENT FILE PHOTO

Two VEIP inspectors check an OBD system through a cable attached to a connector under the truck's dashboard.

vehicle's OBD computer through a connector under the dashboard. This will allow the OBD system to report the operational status of the emissions control systems and any problems it found. If the OBD system reports conditions that would result in elevated emissions levels, the vehicle will fail the VEIP test. The entire process will only take a few minutes.

"The commencement of on-board diagnostic testing at Maryland's VEIP stations is another indication of the commitment this state has to making the air cleaner to breathe for all," said Ann Marie DeBiase, director of MDE's Air and Radiation Management Administration.

To learn more about OBD testing and clean air, please call MDE at 1-800-633-6101, ext. 3270 (toll-free in Maryland) or (410) 631-3270.

WATER

Continued from Page 1

cated south of Annapolis and boarders on the Chesapeake Bay, Lake Ogelton and Black Walnut Creek.

The association had been working with Anne Arundel County and the previous owner to acquire the land for more than a decade. In order to raise the \$4.1 million purchase price, the association was able to secure a Land Trust reimbursable grant from the state and a Project Open Space grant totaling \$750,000. The Chesapeake Bay Foundation also kicked in a \$200,000 low interest loan. The association provided the remaining funds through a community fund raising initiative.

Under the Linked Deposit loan program, private property owners, corporations, or non-profit associations may borrow funds for a wide variety of water quality improvements that protect groundwater and surface water from the effects of non-point source pollution. Examples of non-point source pollution include shoreline erosion control, contamination in the soil from leaking underground storage tanks, failing septic systems, storm water management and rainfall runoff from farms. Rainfall carries with it any oils, greases, chemicals, and other pollutants as it makes its way down into the groundwater or to streams and rivers in Maryland.

"The Linked Deposit Program provides a convenient way for private landowners to finance projects to design and construct facilities to control non-point source pollution by utilizing their neighborhood lenders," Khuman added. "Since the program's inception in 1998, MDE has provided funding for 50 loans totaling \$3.2 million."

Homeowners on septic systems must maintain, repair and replace systems from time to time. Property owners along the many miles of shoreline around the Chesapeake Bay and its tributaries must provide some form of erosion control to reduce the loss of land and control the contribution of excess sediments to the Bay. Farmers must install best management practices to prevent the runoff of excess nutrients and soil to streams and rivers.

In many residential subdivisions around the state, homeowners associations are responsible for keeping storm water management ponds in good repair. All of these pollution control activities are eligible under Linked Deposit.

Funding for the program comes from the Maryland Water Quality Revolving Loan Fund, administered by the MDE. For more information about the Linked Deposit Program, contact your local soil conservation district, local health department, or call the Maryland Department of the Environment at 410 631-3119 (<http://www.mde.state.md.us/wqfa>).



Water Management Administration

Lawrence Smith – Calvert County – MDE filed a civil Consent Decree in the Circuit Court of Calvert County on April 29 resolving complaint case No. 04-c-01-000107 filed against Lawrence Smith regarding alleged violations of sediment control, nontidal wetlands and waterway construction laws at property located at 355 Bitter End Road, Calvert County, Md. Under the terms of the settlement, Smith has agreed to pay a civil penalty of \$7,000 to the Clean Water Fund and \$3,000 to the Maryland Wetlands Compensation Fund for mitigation of permanent impacts to the Chesapeake Bay Critical Area relating to losses to forested nontidal wetlands. Smith also agreed to implement and construct within 60 days an Application for Alteration of Nontidal Wetlands. **Status:** Case closed. (Reference # CD-02-0237).

Sawyer Property Management – Baltimore County – Sawyer Property Management paid \$8,000 to the Maryland Clean Water Fund April 29 to settle the unauthorized discharge of raw sewage from the Carriage Hill Village Apartments' sewage pump station located in Baltimore County to a tributary of Brice Run that occurred Jan. 3. Sawyer Property Management is currently under a judicial consent order filed in Baltimore County Circuit Court regarding improvements to the sewage pump station. **Status:** Case closed. (Reference # PS-02-0213).

HBBW, Inc. – Charles County – MDE and HBBW, Inc. finalized an administrative consent order on April 26 regarding alleged effluent violations of State Discharge Permit 93-DP-0431 issued for the Thunderbird Apartments located at Twinberry Drive in Bel Alton, Md. Under the terms of the consent order, HBBW, Inc. has paid \$5,000 to the Maryland Clean Water Fund and has also agreed to pay stipulated penalties for future permit violations. **Status:** Case closed. (Reference # CO-02-0223).

Concord Mobile Home Park, L.P. – Frederick County – MDE and the Concord Mobile Home Park, L.P. finalized an administrative consent order on May 14 regarding improvements to the mobile home park's wastewater treatment plant and settled alleged violations of State Discharge Permit 94-DP-0784. Under the terms of the consent order, Concord Mobile Home Park is required to submit a corrective action plan to address permit violations. The consent order also

establishes interim performance standards and monitoring requirements for temperature in discharges from the wastewater treatment plant until the discharge permit has been renewed. The owner has agreed to pay \$3,500 to settle past effluent violations. **Status:** Case closed. (Reference # CO-02-0204).

Water and Sediment Pollution Penalties – Statewide – During the period April 15 to May 15, MDE collected an additional \$24,362.50 to the Clean Water Fund in settlement of alleged water pollution violations from 14 establishments. MDE also collected an additional \$ 16,050 in administrative penalties to the Sediment Fund in settlement of alleged sediment and erosion control violations from seven facilities.

Waste Management Administration

Ellsworth Development Corp. and Robert O' Brien – Baltimore City – MDE issued a Complaint, Order and Civil Penalty on April 19 in the amount of \$35,000 against Ellsworth Development Corp. and Robert O' Brien for violating Maryland's Lead Laws.

Status: Ellsworth Development Corp. and Robert O' Brien have 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference Number 01-30-3293)

Leonidas Newton/Lee Newton Management (1 property) – Baltimore City – MDE issued a Complaint, Order and Civil Penalty on April 24 in the amount of \$13,000 against Leonidas Newton/Lee Newton Management for violating Maryland's Lead Laws.

Status: Leonidas Newton/Lee Newton Management has 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference Number 01-30-4473)

Leonidas Newton/Newton Property Management (1 property) – Baltimore City – MDE issued a Complaint, Order and Civil Penalty on April 24 in the amount of \$30,000 against Leonidas Newton/Newton Property Management for violating Maryland's Lead Laws. **Status:** Leonidas Newton/Newton Property Management has 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference Number 01-30-4471)

Walter W. Malloy Jr. and Doris C. Malloy (34 units) – Baltimore City – MDE issued a Complaint, Order and Civil Penalty on April

24 in the amount of \$30,000 against Walter W. Malloy Jr. and Doris C. Malloy for violating Maryland's Lead Laws. **Status:** Walter W. Malloy Jr. and Doris C. Malloy have 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference Number 01-30-3958)

Dennis W. Ness (1 property) – Baltimore City – MDE issued a Complaint, Order and Civil Penalty on May 1 in the amount of \$20,000 against Ness for violating Maryland's Lead Laws. **Status:** Dennis W. Ness has 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference Number 01-30-4305)

Esther Black (12 affected properties) – Baltimore City – MDE issued a Complaint and Civil Penalty on May 1 in the amount of \$40,000 against Black for violating Maryland's Lead Laws. **Status:** Esther Black has 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference Number 01-30-4322)

James Cann (69 affected properties) – Baltimore City – MDE issued a Complaint, Order and two Administrative Penalties on May 3 in the amount of \$150,000 against Cann for violating Maryland's Lead Laws. **Status:** James Cann has 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalties. (Reference Number 01-30-4094)

James R. Parker (1 affected property) – Baltimore City – MDE issued a Complaint, Order and Civil Penalty on May 3, 2002 in the amount of \$23,000 against Parker for violating Maryland's Lead Laws. **Status:** James R. Parker has 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference Number 01-30-3809)

Johnny Nichols/Nichols Properties (1 property) – Anne Arrundel – MDE issued a Complaint, Order and Civil Penalty on April 24 in the amount of \$15,000 against Johnny Nichols/Nichols Properties for violating Maryland's Lead Laws. **Status:** Johnny Nichols has 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference Number 01-02-3666)

ACM Services, Inc. (1 property) – Mont-

gomery – MDE issued a Complaint and Civil Penalty on May 1 in the amount of \$5,250 against ACM Services, Inc. for work place violations involving lead paint abatement services. **Status:** ACM Services, Inc. has 10 days to request a hearing on the Complaint and 30 days to request a hearing on the penalty. (Reference Number 00-15-2225)

Timothy J. McKee (10 properties) – Queen Anne's and Caroline counties – MDE issued a Complaint, Order and Civil Penalty on April 25 in the amount of \$15,000 against Timothy J. McKee for violating Maryland's Lead Laws. **Status:** Timothy J. McKee has 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference Number 01-05-3657)

Brady and Chilton Builders, Inc. and Burton and Sandra Cohen – Baltimore City – MDE issued a Complaint, Order and Administrative Penalty on April 11 in the amount of \$10,000 against Brady and Chilton Builders, Inc. and Burton and Sandra Cohen resulting from violations of Maryland's Controlled Hazardous Substances Laws. **Status:** Brady and Chilton Builders, Inc. and Burton and Sandra Cohen have 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference Number CO-02-019)

Michael D. Semenuk - Mitesha, Inc. – Anne Arundel County – MDE issued an amended Complaint, Order and Administrative Penalty on April 18 in the amount of \$50,000 against Mitesha, Inc. resulting from violations of Maryland's laws and regulations regarding controlled hazardous substances, water quality and water pollution control. **Status:** Michael D. Semenuk - Mitesha, Inc. have 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference Number ACO-02-018)

Air & Radiation Management Administration

Johns Hopkins Hospital – Baltimore City – MDE issued a Complaint, Order and Administrative Penalty for \$40,000 to Johns Hopkins Hospital in April for failure to comply with regulations governing the use of radiation machines. The facility allowed four workers to receive greater than the allowed annual dose of radiation over two years.

See NOTES, Page 12

For the Record

The following is a partial list by county of applications received by Maryland Department of the Environment and other permitting activity between April 16, 2002 and May 15, 2002. For more information on these permits, please contact MDE's Environmental Permit Service Center at (410) 631-3772.

Allegany

COBRA MINING # 184 - 0.5 Miles East of Barton, Watertank Road, Barton, MD 21521. (2002-001-00299) Air quality permit to operate

FROSTBURG STATE UNIVERSITY - 101 Braddock Road, Frostburg, MD 21532. (2002-OPT-4952) Oil operations permit for above ground storage tank and transportation

G & S COAL COMPANY, INC. - Westernport, MD (SM-98-430) Insignificant Modification to Permit

MOUNTAINEERING MINING CORPORATION - Eckhart, MD (P-02-04) Letter of Intent to Prospect

QUARRY RIDGE ASPHALT - New Georges Creek Road, Frostburg, MD 21532. (TR7287) an air permit to construct for one asphalt plant

RONALD SLIDER, AL-11 - 12906 Lower Town Creek Road, Oldtown, MD 21555. Sewage sludge application on agricultural land

SAVAGE MOUNTAIN MINERALS - BORDEN TRACT - Sand Bank Road, Frostburg, MD 21532. (2002-023-00113) Air quality permit to operate

SAVAGE MOUNTAIN MINERALS, INC - Barton, MD (91-SP-0400-A) Renewal of a surface mining permit located Route 40

Anne Arundel

A-A RECYCLE & SAND - BROOKLYN - 6931 Baltimore-Annapolis Boulevard, Brooklyn, MD 21225. (2002-003-00831) Air quality permit to operate

A-A RECYCLE & SAND, INC.- PASADENA - 8217 Baltimore-Annapolis Boulevard, Pasadena, MD 21122. (2002-003-00831) Air quality permit to operate

ANNE ARUNDEL COUNTY BOARD OF EDUCATION - 2664 Riva Road, Annapolis, MD 21401. (02-1054) Sewerage permit to construct wastewater treatment facilities at the Southern Middle School at Solomons Island Road and Marlboro Road

CAMPBELL SAND & GRAVEL CO. - Crofton, MD (80-SP-0838-F) Modification application for a surface mine located on Maryland Route 3

DANIEL G. SCHUSTER, INC. - Swan Creek Road, Baltimore, MD 21226. (TR7289) An air permit to construct for one portable concrete plant

DORSEY RUN WWTP - 7920 Brock Bridge Road, Jessup, MD 20794. Sewage sludge transportation permit

FRIENDSHIP CREATIVE PRINTERS, INC. - 1120-M Benfield Boulevard, Millersville, MD 21108. (TR7283) An air permit to construct for six non-heatset sheet fed offset lithographic presses

MARYLAND ENVIRONMENTAL SERVICE - 4653 Hollins Ferry Road, Halethorpe, MD 21227. (TR7293) An air permit to construct for one tire recycling system

NORTHROP GRUMMAN SYSTEMS CORP ES - 1212 Winterson Road, Linthicum, MD 21090. (TR7294) An air permit to construct for modification to I Module; four scrubbers

RELIABLE CONTRACTING COMPANY, INC. - 101 Dover Road, Glen Burnie, MD 21061. (2002-OPT-2047) Oil operations permit for above ground storage tank and transportation

TATE CHEVROLET - 25 Old Mill Bottom Road, Annapolis MD 21401. (TR7251) An air permit to construct for one paint spray booth

Baltimore City

BURNS PHILP FOOD, INC. - 1900 Brand Avenue, Baltimore, MD 21209. (TR7256) An air permit to construct for one scrubber

CARR-LOWREY GLASS - 2201 Kloman Street, Baltimore, MD 21230. (2002-510-00285) Air quality part 71 operating permit

FMC CORPORATION - 1701 East Patapsco Avenue, Baltimore, MD 21226. (TR7296) An air permit to construct for one vent system for the Hydroxy manufacturing facility

FMC CORPORATION - 1701 East Patapsco Avenue, Baltimore, MD 21226. (TR7297) An air permit to construct for one vent system for MAC manufacturing facility

MARYLAND TRANSIT ADMINISTRATION, 6 St. Paul Street, Baltimore, MD 21202. Voluntary Cleanup Program application seeking a Certificate of Completion as an inculable person for the 1.16-acre Circular Advertising (Fetcho) properties located at 1500 South Monroe Street, Baltimore, MD 21230

MID-ATLANTIC BRAKE - 6403 Erdman Avenue, Baltimore, MD 21205. (TR7261) An air permit to construct for one controlled pyrolysis cleaning furnace

PETROLEUM FUEL & TERMINAL COMPANY - 5101 Erdman Avenue, Baltimore, MD 21205. (TR7292) An air permit to construct for carbon adsorption/absorption

TNEMEC COMPANY, INC. - 2300 Edgewater Avenue, Baltimore, MD 21222. (TR7291) An air permit to construct for one disperser

WOODBERRY GRAPHICS - 3500 Parkdale Avenue, Baltimore, MD 21211. (TR7264) An air permit to construct for five non-heatset sheet fed lithographic presses

Baltimore County

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Avenue - Room 200, Towson, MD 21204. (02-1074)

Sewerage permit to construct the Red Run Interceptor from Delight Meadows Road to Franklin Boulevard

LAFARGE BUILDING MATERIALS, INC. - 2001 Wharf Road - Gate B, Sparrows Point, MD 21219. (2002-OPT-3008) Oil operations permit for above ground storage tank and transportation

LAFARGE BUILDING MATERIALS, INC. - 2001 Wharf Road, Gate B, Baltimore, MD 21219. (TR7269) An air permit to construct for modification to plant to allow alternate fuels

NOTTINGHAM PROPERTIES - 100 West Pennsylvania Avenue - Suite 100, Towson, MD 21204. (02-1053) Sewerage permit to construct a wastewater treatment plant at Honeygo Park, north of I-95 and White Marsh Boulevard

NOXELL CORPORATION - BALTIMORE - 11050 York Road, Hunt Valley, MD 21030. (2002-005-00184) Air quality permit to operate

SINCLAIR AVIATION LLC- MARTIN STATE AIRPORT - 701 Wilson Point Road, Baltimore, MD 21220. (2002-OPT-5890) Oil operations permit for above ground storage tank and transportation

UNIVERSITY OF MARYLAND-BALTIMORE - 1000 Hilltop Circle, Baltimore, MD 21250. (TR7257) An air permit to construct for two boilers >10 MMBtu

Calvert

APPEAL MUNICIPAL LANDFILL - 401 Sweet Water Road, Lusby, MD 20657. Sewage sludge transportation permit

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

CALVERT COUNTY BUREAU OF UTILITY - 175 Main Street, Prince Frederick, MD 20678. (02-1072) Sewerage permit to construct a force main along MD Routes 2 and 4 between Sweet Water Lane and Cove Point Road

Caroline

FEDERALSBURG WWTP - 125 Kerney Street, Federalsburg, MD 21632. Sewage sludge transportation permit

RICHARD D. SPIERING PROPERTY - 13662 Holly Road, Greensboro, MD 21639. Sewage sludge application on agricultural land

Carroll

MUDGETT'S AUTO BODY - 2960 Dede Road, Finksburg, MD 21048. (TR7271) An air permit to construct for two paint spray booths

TOWN OF UNION BRIDGE - 104 W. Locust Street, Union Bridge, MD 21791. (02-1063) Water permit to upgrade the Union Bridge Water Treatment Plant on Locust Street, west of Whyte Street

WESTMINSTER WWTP - 1161 Old New

Windsor Pike, Westminster, MD 21158. Sewage sludge transportation permit

Cecil

AIR PRODUCTS POLYMERS, L.P. - 329 West Main Street, Elkton, MD 21921. (TR7295) An air permit to construct for modification to batch process

BASELL POLYOLEFINS - 912 Appleton Road, Elkton, MD 21921. (2002-OPT-2399) Oil operations permit for above ground storage tank and transportation

COASTAL UNILUBE, INC. - 950 Principio Furnace Road, Perryville, MD 21903. (2002-OPT-2244) Oil operations permit for above ground storage tank and transportation

W.L. GORE & ASSOCIATES, INC. - 501 Vieve's Way, Elkton, MD 21921. (TR7259) an air permit to construct for one condenser

W.L. GORE & ASSOCIATES, INC. - 501 Vieve's Way, Elkton, MD 21921. (TR7273) an air permit to construct for one 30-gallon glass lined pressure vessel mixer

W.L. GORE & ASSOCIATES-CHERRY HILL - 2401 Singerly Road, Elkton, MD 21921. (TR7288) An air permit to construct for one degreaser

Charles

CHARLES COUNTY MUNICIPAL LANDFILL - 12305 Billingsley Road East, Waldorf, MD 20602. Sewage sludge disposal permit at landfill

JOSEPH A. CLEMENTS, CH-21 - 11660 St. Mary's Church Road, Charlotte Hall, MD 20622. Sewage sludge application on agricultural land

WILLIAM T. BIGGS JR.- MILL RUN FARM, CH-091 - 6025 Biggs Farm Place, La Plata, MD 20646. Sewage sludge application on agricultural land

WILLIAM WHEATLEY FARM, CH-11 - 7700 Wheatley Road, La Plata, MD 20646. Sewage sludge application on agricultural land

Frederick

BALLENGER CREEK WWTP - 7400 Marcie's Choice Lane, Frederick, MD 21704. Sewage sludge transportation permit

BP SOLAR - 630 Solarex Court, Frederick, MD 21703. (TR7272) An air permit to construct for one heat cleaning oven

DAN-DEE MOTEL & COUNTRY INN WWTP - 7817 Baltimore National Pike, Frederick, MD 21702. (02DP0607) Surface municipal discharge permit

FREDERICK COUNTY DUSWM - 118 North Market Street, Frederick, MD 21701. (02-1071) Water permit to lay water mains along MD Route 28 between New Design Road and Ballenger

Continued on next page

For the Record

Creek Pike

HAILEY DEVELOPMENT, L.C. - 3905 National Drive, Suite 105, Burtonsville, MD 20866. (02-1068) Sewerage permit to construct a wastewater treatment pumping station and a force main at Galyn Manor, Point of Rock Road, northeast of Souder Road

MARYLAND TRANSIT ADMINISTRATION - TRAIN STORAGE YARD - 7900 Reichs Ford Road, Frederick, MD 21701. (2002-OPT-4864) Oil operations permit for above ground storage tank and transportation

MIKE VALENTINE FARM - 16901 Bollinger School Road, Emmitsburg, MD 21727. Sewage sludge application on agricultural land

POINT OF ROCKS WWTP - Rock Hall Road, Point Of Rocks, MD 21777. (02DP0482) Surface municipal discharge permit

THOMPSON BUTZ TRUST PROPERTY - 2722-A Buckeystown Pike, Adamstown, MD 21710. Sewage sludge application on agricultural land

THOMPSON BUTZ TRUST PROPERTY, FR-149 - 1915 Pleasant View Road, Tuscarora, MD 21790. Sewage sludge application on agricultural land

TRANS-TECH, INC. - 5520 Adamstown Road, Adamstown, MD 21710. (TR7285) An air permit to construct for five processes

WINDRIDGE FARM, LLC AQUACULTURE FACILITY - 3663-B Cap Stine Road, Frederick, MD 21701. Sewage sludge application on agricultural land

Garrett

G & S COLA COMPANY, INC. - Kitzmiller, MD (SM-00-435) Insignificant Modification to Permit

GEORGE CREEK, INC. - Aarons Run, Westernport Road, Westernport MD 21562. (TR7270) an air permit to construct for one screening and crushing plant

KEYSTONE LIME CO., INC.- GARRETT CO. HOT MIX PLANT - 545 Bishoff Road, Friendsville, MD 21531. (2002-OPT-5740A) Oil operations permit for above ground storage tank and transportation

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

METTIKI COAL LLC - Table Rock, MD (P-02-03) Letter of Intent to Prospect

METTIKI COAL, LLC - 293 Table Rock Road, Oakland, MD 21550. Sewage sludge transportation permit

TEXAS EASTERN TRANSMISSION LP - Houston, TX (56-GO-0023) Renewal of a gas & oil storage permit located Accident-Friendsville Road

TEXAS EASTERN TRANSMISSION LP - Houston, TX (64-GO-0039) Renewal of a gas & oil storage permit located Accident-Friendsville Road

TEXAS EASTERN TRANSMISSION LP - Houston, TX (65-GO-0044) Renewal of a gas &

oil storage permit located Accident-Friendsville Road

TEXAS EASTERN TRANSMISSION LP - Houston, TX (65-GO-0048) Renewal of a gas & oil storage permit located Accident-Friendsville Road

TEXAS EASTERN TRANSMISSION LP - Houston, TX (65-GO-0053) Renewal of a gas & oil storage permit located Accident-Friendsville Road

TEXAS EASTERN TRANSMISSION LP - Houston, TX (66-GO-0064) Renewal of a gas & oil storage permit located Accident-Friendsville Road

TEXAS EASTERN TRANSMISSION LP - Houston, TX (66-GO-0076) Renewal of a gas & oil storage permit located Accident-Friendsville Road

TEXAS EASTERN TRANSMISSION LP - Houston, TX (80-GO-0118) Renewal of a gas & oil storage permit located Accident-Friendsville Road

TRI-STAR MINING - Barton, MD - (SM-97-429) Insignificant Boundary Revision to Coal Permit

Harford

HARFORD COUNTY DEPARTMENT OF PUBLIC WORKS - 101 S. Main Street, Bel Air, MD 21014. (02-1075) Sewerage permit to construct the Edgewood Interceptor along Trimble Road and MD Route 24

HARFORD COUNTY GOVERNMENT - 101 S. Main Street, Bel Air, MD 21014. (02-1061) Sewerage permit to construct gravity sewers along Philadelphia Road (Route 7) and Old Joppa Road

HARFORD SANDS - 40 Fort Hoyle Road, Joppa, MD 21085. (2002-025-00077) Air quality permit to operate

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

Howard

CHASE MINING, LLC - North side of US Route 1, north Route 32, Jessup MD. (TR7266) An air permit to construct for one 1400 ton per hour stone crushing plant

CHASE MINING, LLC. - Laurel, MD - (02-SP-0599) Original application for a surface mine located on US Route 1

Kent

CHESTERTOWN UTILITIES COMMISSION - 118 Cross Street, Chestertown, MD 21630. (02-1057) Water permit to upgrade the Chestertown Water Treatment Plant

Montgomery

ATLANTIC CONTRACTING & MATERIAL CO. - 13900 Piney Meeting House Road, Rockville, MD 20850. (TR7260) an air permit to construct for one portable crushing plant

CHARLES J. MILLER, INC. - northeast of Midcounty Highway & Goshen Road, Gaithersburg, MD 20879. (TR7274) An air permit to construct for one portable crusher

MOBIL 16-GQM (FORMER) - 5201 River Road, Bethesda, MD 20816. (TR7275) An air permit to construct for one soil remediation unit

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY - Quince Orchard Road & Diamond Avenue, Gaithersburg, MD 20899. (2002-031-00323) Air quality part 71 operating permit

PEPCO-QUINCE ORCHARD SUBSTATION 118 - 17101 Darnestown-Germantown Road, Germantown, MD 20874. (2002-OPT-5934) Oil operations permit for above ground storage tank and transportation

SHADY GROVE ADVENTIST HOSPITAL - 14900 Broschart Road, Rockville, MD 20850. (TR7268) An air permit to construct for two boilers >10 MMBtu

Prince George's

U.S. LUBES - 15137 Marlboro Pike, Upper Marlboro, MD 20772. (2002-OPT-2464) Oil operations permit for above ground storage tank and transportation

USDA - AGRICULTURAL RESEARCH CENTER - 10300 Baltimore Avenue, Beltsville, MD 20705. Sewage sludge application on agricultural land

St. Mary's

CHANNEY ENTERPRISES - Waldorf, MD (96-SP-0498-1) Renewal application for a surface mine located on southeast side of Maryland Route 246

RONALD E. BUCKLER - Mechancisville, MD (97-SP-0515) Renewal application for a surface mine located on Woodburn Hill Road

ST. MARY'S COUNTY METROPOLITAN COMMISSION - 43390 Commerce Avenue, Hollywood, MD 20636. (02-1055) Sewerage permit to construct a wastewater pumping station and a force main at Route 246 and Essex Drive, Lexington Park

Talbot

JENSEN'S HYDE PARK WWTP - Cordova Road At Park Lane, Easton, MD 21601. (02DP1474) Groundwater municipal discharge permit

MEADOW JOINT FARM VENTURE - Easton, MD (01-SP-0581) Modification application for a surface mine located on US 50 to Hiner Lane

Washington

CHEVRON PHILLIPS CHEMICAL COMPANY - 11711 Hopewell Road, Hagerstown, MD 21740. (TR7284) An air permit to construct for one grinder

DAVID & MICHELLE SWORD PROPERTY - 11067 Dam #5 Road, Clear Spring, MD 21722. Sewage sludge application on agricultural land

NEWELL ENTERPRISES, INC., P.O. Box 830808, San Antonio, TX 78283. Voluntary Cleanup Program application seeking a No Further Requirements Determination as a responsible person for the 13.4-acre Newell Enterprises, Inc. property, located at 18604 Leslie Drive, Hagerstown, MD 21740

PAVESTONE COMPANY - 11831 Hopewell Road, Hagerstown, MD 21740. (TR7286) An air permit to construct for one concrete mixing process

STEVENS FLEXIBLE PACKAGING, INC. - 747 Bowman Avenue, Hagerstown, MD 21740-6871. (TR7290) An air permit to construct for one laminator

WASHINGTON COUNTY WATER AND SEWER DEPARTMENT - 16232 Elliott Parkway, Williamsport, MD 21795. (02-1067) Sewerage permit to construct a wastewater pumping station and a force main at Village Square, in the vicinity of Route 64 and Route 66

Wicomico

MARGARET M. RIDER FARM - 12500 Sharptown Road, Sharptown, MD 21837. Sewage sludge application on agricultural land

ROYER FARMS - 25441 Ocean Gateway, Mardela Springs, MD 21837. Sewage sludge application on agricultural land

VANMETER, ROBERT - 125 North Division Street, Salisbury, MD 21801. (02-1058) Sewerage permit to construct a wastewater pumping station and a force main at Fooks Road and Airport Road, Lower Shore Drill Academy

WICOMICO BOARD OF EDUCATION - 101 Long Avenue, Salisbury, MD 21802. (02-1062) to construct a wastewater pumping station and a force main at the Willards Elementary School

Worcester

BUNTING AND MURRAY CONSTRUCTION CORPORATION. - Selbyville, MD (92-SP-0420-C) Renewal application for a surface mine located on 3.6 miles Northeast of Whaleyville

CENTRAL MUNICIPAL LANDFILL - 7091 Central Site Lane, Newark, MD 21841. Sewage sludge transportation permit

HARRY W. PEARSON II, BAY FARM - 8515 Harmon Landing Road, Snow Hill, MD 21863. Sewage sludge application on agricultural land

PEARSON FARMS - HOME FARM - 8016 Ninepin Branch Road, Berlin, MD 21811. Sewage sludge application on agricultural land

PEARSON FARMS - LIBERTYTOWN FARM - 7900 Block Libertytown Road, Route 374 West Of Libertytown, Berlin, MD 21811. Sewage sludge application on agricultural land

RIVERVIEW MOBILE HOME PARK WTP - Shell Mill Road, Bishopville, MD 21813. (02DP2982) Groundwater municipal discharge permit

WORCESTER COUNTY DEPARTMENT OF PUBLIC WORKS - 1000 Shore Lane, Berlin, MD 21811. (02-1056) Water permit to develop

Continued on next page

For the Record

groundwater for public water supply at the Ocean Pines Water Well Number P-1, in the vicinity of Route 589 and Beauchamp Road

Out of State

MAGNOLIA PLUMBING - 600 Gallatin Street, NE, Washington, DC 20017. (2002-OPV-6001) Oil operations permit for transportation

Issuances

Allegany

BARTON MINING COMPANY - Barton, MD (SM-96-427) Insignificant Modification to Permit

COBRA MINING, INC. - Watertank Road, Barton, MD 21521. (001-6-0247 N) Air permit to construct for one coal mining operation

MOUNTAINEER MINING CORPORATION - Eckhart, MD (P-02-04) Letter of Intent to Prospect

MOUNTAINEER MINING CORPORATION - Eckhart, MD (SM-01-438) Incidental Boundary Revision

ROUTE 135 FUEL STOP - 22704 Westernport Road, McCool, MD 21562. (001-9-0122) Air general permit to construct for one 10,000 & one 20,000-gallon gasoline underground storage tank

UNITED ENERGY COAL, INC. - Midland, MD (SM-84-207) Incidental Modification to Permit

Anne Arundel

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (02-22-1035) Sewerage permit to construct a force main along Solomons Island Road at Woodland Beach, intersection of MD Route 2 and MD Route 253, Edgewater

CHANEY ENTERPRISES LIMITED PARTNERSHIP - Waldorf, MD (91-SP-0394) Renewal for a surface mine permit located Sands Road

FRIENDSHIP CREATIVE PRINTERS, INC. - 1120-M Benfield Boulevard, Millersville, MD 21108. (003-6-0996) Air permit to construct for six non-heatset sheet fed offset lithographic presses

FT. SMALLWOOD PARK WWTP - 9400 Fort Smallwood Road, Pasadena, MD 21122. (97DP1622) Groundwater municipal discharge permit

GRUMP'S CAFE - 117 Hillsmere Drive, Annapolis, MD 21403. (003-8-0186) Air general permit to construct for one Star 6136RCBC charbroiler

OUTBACK STEAKHOUSE OF ANNAPOLIS - 2207 Forest Drive, Annapolis, MD 21401. (003-8-0185) Air general permit to construct for one

Magikitch'n FMRMB60 charbroiler

SIGNATURE FLIGHT SUPPORT- BWI FUEL FARM - Elm Road, BWI Airport, Baltimore, MD 21240. (2002-OPT-2708) Oil operations permit for above ground storage tank and transportation

SOUTHERN MIDDLE SCHOOL - 5235 Solomons Island Road, Lothian, MD 20711. (02DP3399) Groundwater municipal discharge permit

TATE CHEVROLET - 25 Old Mill Bottom Road, Annapolis MD 21401. (003-6-0995-N) Air permit to construct for one paint spray booth

THE BELLE GROVE CORPORATION - Hammonds Lane At MD Route 648, Ferndale, MD 21090. (00MM9741) General permit registration for discharge from surface mine

THE BELLE GROVE CORPORATION - Thomas Avenue, Ferndale, MD 21090. (00MM9743) General permit registration for discharge from surface mine

TIPTON AIRPORT - 81 General Aviation Drive, Odenton, MD 21113. (2002-OPT-9820) Oil operations permit for above ground storage tank and transportation

TRINITY HOMES - 7943 Solley Road, Glen Burnie, MD 21061. (2002-OGR-4950) General permit for treated groundwater from oil contaminated sources

Baltimore City

ADVANCE PRINTING, INC. - 6836 Harford Road, Baltimore, MD 21234. (97SW1604) General permit registration for stormwater associated with industrial activity

AT&T CORP, Building Engineering, Eastern Region South, 3033 Chain Bridge Road, Room D225, Oakton, VA 22185. No Further Requirements Determination issued by the Voluntary Cleanup Program for non-residential use of the 3.1-acre property located at 2110 Haines Street, Baltimore, MD 21230

BALTIMORE ARENA - 201 West Baltimore Street, Baltimore, MD 21201. (01DP2476) Surface industrial discharge permit

CAN DO FUEL OIL COMPANY, INC. - 2527 Baker Street, Baltimore, MD 21217. (2002-OPT-4015) Oil operations permit for above ground storage tank and transportation

DANIEL G. SCHUSTER - THAMES STREET GARAGE - Thames Street & Caroline, Baltimore, MD 21231. (00MM9740) General permit registration for discharge from concrete plant

EXXON COMPANY, U.S.A. - BOSTON ST. - 3801 Boston Street, Baltimore, MD 212245714. (2002-OGR-3170) General permit for treated groundwater from oil contaminated sources

LESAFFRE YEAST CORPORATION - 2100 Van Deman Street, Baltimore, MD 21224. (S-02-24-4896-T) Sewage sludge transportation permit

PETROLEUM FUEL AND TERMINAL - ERDMAN AVE - 5101 Erdman Avenue, Baltimore, MD 21205. (2002-ODS-3055) Surface water discharge for oil terminal

TNEMEC COMPANY, INCORPORATED - 2300 Edgewater Avenue, Baltimore, MD 21222. (2002-OPT-2702) Oil operations permit for

above ground storage tank and transportation

WOODBERRY GRAPHICS - 3500 Parkdale Avenue, Baltimore, MD 21211. (510-6-1797) Air permit to construct for five non-heatset sheet fed lithographic presses

Baltimore County

A & L TRANSPORT, INC. - 8224 Bletzer Road, Baltimore, MD 21222. (97SW1620) General permit registration for stormwater associated with industrial activity

BJ'S WHOLESALE CLUB #40 - 4201 Wholesale Drive, Baltimore, MD 21236. (005-9-1172) Air general permit to construct for two 20,000-gallon gasoline underground storage tanks

DAMONS PERRY HALL - 9629 Belair Road, Perry Hall, MD 21236. (003-8-0300) Air general permit to construct for one Jade Range JMRH-60B charbroiler

DANIEL G. SCHUSTER - GOLDEN RING MALL - Philadelphia Road & I-695, Baltimore, MD 21237. (00MM9737) General permit registration for discharge from concrete plant

DANIEL G. SCHUSTER - UMBC - Research Park Drive, Catonsville, MD 21250. (00MM9738) General permit registration for discharge from concrete plant

DIETRICH INDUSTRIES, INC. - 8911 Bethlehem Boulevard, Baltimore, MD 21219. (005-6-2708) Air permit to construct for one roll forming machine

MAJESTIC DISTILLING COMPANY, INC. - 2200 Monumental Road, Baltimore, MD 21227. (97SW1607) General permit registration for stormwater associated with industrial activity

MARYLAND NATIONAL GUARD - RUHL ARMORY - 1035 York Road, Towson, MD 21204. (00DP3189) Surface industrial discharge permit

METRO CREMATORY - 299 Frederick Road, Catonsville, MD 21228. (005-00936) Air quality permit to operate

SAFEWAY, INC. - Perry Hall Market Place, Perry Hall, MD 21128. (005-9-1171) Air general permit to construct for two 20,000-gallon gasoline underground storage tanks

SKIPS AUTO COLLISION - 14224 Hanover Pike, Reisterstown, MD 21136. (005-6-2709-N) Air permit to construct for one paint spray booth

UNITED CONTAINER MACHINERY GROUP - 5200 Glen Arm Road, Glen Arm, MD 21057. (98DP0346) Surface municipal discharge permit

Calvert

TESSA STRUCTURES, LLC - ROUTE 231 BRIDGE - Route 231 - Hallowing Point Road, Barstow, MD 20678. (00MM9744) General permit registration for discharge from concrete plant

Caroline

CHARLES ELLWANGER, CR-71 - 11640 Knife Box Road, Greensboro, MD 21639. (S-02-05-4314-A) Sewage sludge application on agricultural land

SOLO CUP COMPANY - FEDERALSBURG - Route 318 & Reliance Road, Federalsburg Industrial Park, Federalsburg, MD 21632. (00DP2799) Surface industrial discharge permit

Carroll

CARROLL CREMATION SERVICES - 934 South Main Street, Hampstead, MD 21074. (013-00261) Air quality permit to operate

DENNIS J. HARNER FARM - Off Whipoorwill Drive, Taneytown, MD 21787. (S-01-06-4121-A1) Sewage sludge application on agricultural land

FERN R. HAINES FARM - 3603 Baptist Road, Taneytown, MD 21787. (S-00-06-3797-A1) Sewage sludge application on agricultural land

FREVEN FOUNDATION LLC. - 7 Timber Park Court, Lutherville, MD 21093. (02-16-1065) water permit to construct a water treatment facility at Gerstell Academy, 2604 Old Westminster Pike

PLAYTIME CORPORATION - P.O. Box 788, Finksburg, MD 21048. (02-16-1009) Water permit to construct water treatment facilities at the Playtime Child Care Center, located at 1550 Old Westminster Pike, Westminster

Cecil

CECIL PROVISION COMPANY - 792 West Pulaski Highway, Elkton, MD 21921. (01DP0283) Groundwater industrial discharge permit

COMPOSITES USA - 1 Peninsula Drive, Peninsula Industrial Park, North East, MD 21901. (015-00134) Air quality permit to operate

ELK NECK STATE PARK - 4395 Turkey Point Road, North East, MD 21901. (00DP0749) Surface municipal discharge permit

GALVINELL MEAT COMPANY, INC. - 461 Ragan Road, Conowingo, MD 21918. (01DP0310) Groundwater industrial discharge permit

W.L. GORE & ASSOCIATES, INC. - 501 Vieve's Way, Elkton, MD 21921. (015-9-0073 M) Air permit to construct for one condenser

W.L. GORE & ASSOCIATES, INC. - CHERRY HILL PLANT - 2401 Singerly Road, P.O. Box 1220, Elkton, MD 21921. (2002-OPT-4583A) Oil operations permit for above ground storage tank and transportation

Charles

AGGREGATE INDUSTRIES - BILLINGSLEY ROAD - 12205 Billingsley Road, Waldorf, MD 20602. (97SW1605) General permit registration for stormwater associated with industrial activity

AGGREGATE INDUSTRIES - BILLINGSLEY ROAD - 12205 Billingsley Road, Waldorf, MD 20602. (2002-OPT-9772) Oil operations permit for above ground storage tank and transportation

APPLEBEE'S - 3610 Crain Highway, Waldorf, MD 20611. (017-8-0017) Air general permit to construct for one Wolf charbroiler

CHANEY ENTERPRISES LIMITED PART-

Continued on next page

For the Record

nership – Waldorf, MD (96-SP-0505) Renewal for a surface mine permit located Route 5 in Waldorf

Dorchester

FURMAN FOODS - 5616 Rhodesdale-Vienna Road, Rhodesdale, MD 21659. (99DP0284) Surface industrial discharge permit with groundwater outfall

I.F. CANNON & SON, INC. - 2340 Asquith Island Road, Crapo, MD 21626. (00SE0880) General permit registration for discharge from seafood processing

PAUL'S PRIDE SEAFOOD - 3278 Golden Hill Road, Church Creek, MD 21622. (00SE3072) General permit registration for discharge from seafood processing

Frederick

BALLENGER CREEK WWTP - 7400 Marcie's Choice Lane, Frederick, MD 21704. (S-02-10-4320-T) Sewage sludge transportation permit

CHARLES J. MILLER, INC. - Ballenger Creek Drive, Frederick, MD 21703. (021-6-0552 N) Air permit to construct for one portable crusher

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

MIDDLETOWN WWTP - West Main And Walnut Streets, Middletown, MD 21769. (99DP0462) Surface municipal discharge permit

RUTH LONG III FARM - 15296 Block Of Frederick Road, Emmitsburg, MD 21727. (S-00-10-4688-A1) Sewage sludge application on agricultural land

SHELL SERVICE STATION - 649 Lakeview Drive, Mount Airy, MD 21771. (021-9-0183) Air general permit to construct for two 15,000-gallon gasoline underground storage tanks

SITE B MUNICIPAL SANITARY LANDFILL - 9031 Reichs Ford Road, Frederick, MD 21704. (2002-DP-3210) Solid waste groundwater discharge permit for rubble landfill

TOWN OF WOODSBORO - P.O. Box 88, Woodsboro, MD 21798. (02-25-1021) Sewerage permit to upgrade and expand the Town of Woodsboro Wastewater Treatment Plant

Garrett

GARRETT COUNTY PEAT PRODUCTS, LLC – Accident, MD (02-SP-0595) Permit to surface mine located US Route 219

GARRETT COUNTY SANITARY COMMISSION - 14689 Garrett Highway, Oakland, MD 21550. (02-14-1013) Water permit to construct a water storage tank at Sand Flat Road and MD Route 135, Deer Park

GEORGE CREEK, INC. – Westernport, MD (DM-00-111) Insignificant Modification to Permit

LAWRENCE FRAZEE FARM - 356 Mount Sianai Road, Friendsville, MD 21531. (S-01-11-4698-A1) Sewage sludge application on agricul-

tural land

MARYLAND MINERALS, INC. - 566 Hoyes Sang Run Road, Accident, MD 21520. (023-6-0107 N) Air permit to construct for one crushing plant

METTIKI COAL, LLC – Table Rock, MD (P-02-03) Letter of Intent to Prospect

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

Harford

ABERDEEN ADVANCED WWTP - 361 Michael Lane, Aberdeen, MD 21001. (99DP0128) Major surface municipal discharge permit

HARFORD SANDS - 40 Fort Hoyle Road, Joppa, MD 21085. (01DP1459) Surface industrial discharge permit

LAFARGE - CHURCHVILLE QUARRY - 1219 Calvary Road, Churchville, MD 21015. (025-00088) Air quality permit to operate

T & M MULCH NWWF FACILITY - 1808 North Fountain Green Road, Bel Air, MD 21015. (2002-NWW-GP-01) Natural Woodwaste General Permit

Howard

CHARLES J. MILLER, INC. - Executive Center Road, Ellicott City, MD 21041. (027-6-0356 N) Air permit to construct for one portable crusher

DANIEL G. SCHUSTER - ANNAPOLIS JUNCTION - 10782 Guilford Road, Annapolis Junction, MD 20794. (00MM9739) General permit registration for discharge from concrete plant

DURATEK FEDERAL SERVICES, INC. - 10100 Old Columbia Road, Columbia, MD 21046. (027-9-0209 M) Air permit to construct for modification to vitrification system

ENCHANTED CLEANERS - 10030 Baltimore National Pike, Ellicott City, MD 21042. (027-6-0357) Air general permit to construct for one Columbia T40 dry cleaning machine

GIANT FOOD, INC. - JESSUP - 7805 Assateague Drive, Jessup, MD 20794. (2002-OPT-4166) Oil operations permit for above ground storage tank and transportation

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 9520 Bendix Road, Columbia, MD 21045. (02-16-1066) Water permit to construct the Whiskey Bottom Water pumping Station with Sodium hypochloride addition on Whiskey Bottom Road in the vicinity of Route 216 and all Saints Road

LONGHORN STEAKHOUSE - 6110 Dobbin Road, Columbia, MD 21045. (027-8-0085) Air general permit to construct for one Jade Range JMRH-36B charbroiler

TRUMBULL ASPHALT-DIVISION OF OWENS CORNING - 8239 Patuxent Range Road, Jessup, MD 20794. (2002-OPT-3511) Oil operations permit for above ground storage tank and transportation

Montgomery

AQUIPORT BRIGGS CHANEY, INC., c/o RREEF Management Company, Five Piedmont Center, Suite 510, Atlanta, GA 30305-5510. Certificate of Completion issued by the Voluntary Cleanup Program for non-residential use of the 18.16-acre Briggs Chaney Plaza property, located at 13800-13881 Outlet Drive, Silver Spring MD 20904

CHARLES J. MILLER, INC. - Northeast of Midcounty Highway & Goshen Road, Gaithersburg MD 20879. (031-6-0695 N) Air permit to construct for one portable crusher

MOBIL 16-GQM (FORMER) - 5201 River Road, Bethesda, MD 20816. (031-9-0687) Air permit to construct for one soil remediation unit

MONTGOMERY COUNTY GOVERNMENT DEPARTMENT OF TRANSPORTATION/FLEET - 16630 Crabbs Branch Way, Rockville, MD 20855. (2002-OPV-4328) Oil operations permit for transportation

NATIONAL NAVAL MEDICAL CENTER BUILDING 52 - 8901 Wisconsin Avenue, Bethesda, MD 20899. (031-5-1274 & 1275) Air general permit to construct for two Aerco KC series boilers

SHELL SERVICE STATION - 300 Gude Drive, East, Rockville, MD 20850. (031-9-0685) Air general permit to construct for two 15,000 gallon gasoline underground storage tanks

WMATA - FRIENDSHIP HEIGHTS - Wisconsin Avenue At Oliver Street, Somerset, MD 20815. (00DP2022) Surface industrial discharge permit

Prince George's

CARL B. SEEDS, INC. - 8411 Old Marlboro Pike #20, Upper Marlboro, MD 20772. (2002-OPV-5955) Oil operations permit for transportation

D.C. MATERIALS - 3334 Kenilworth Avenue, Suite B, Hyattsville, MD 20781. (033-0666) Air quality permit to operate

FORT LINCOLN CEMETERY - 3401 Bladensburg Road, Brentwood, MD 20715. (033-00478) Air quality permit to operate

GIANT FOOD, INC. - LANDOVER - 6300 Sheriff Road, Landover, MD 20785. (2002-OPT-4167) Oil operations permit for above ground storage tank and transportation

JOY COMPANIES, INC. - 5335 Kilmer Place, Hyattsville, MD 20781. (033-9-1118) Air general permit to construct for one 10,000 gallon gasoline underground storage tank

SUPERIOR CONCRETE MATERIALS, INC. - Summerfield Boulevard 214 Central Avenue, Capitol Heights, MD. (033-6-1149 N) Air permit to construct for one concrete batch plant

UNIVERSITY OF MD UNIVERSITY COLLEGE - 3501 University Boulevard East, Adelphi, MD 20783. (033-5-1014 & 1015 N) Air general permit to construct for two boilers >10 MMBtu

Queen Anne's

MANDRIN CONSTRUCTION CO. - 8174 Ritchie Highway, Pasadena, MD 21122. (02-22-1012) Sewerage permit to construct a wastewater pumping station and a force main at Centreville Heights along Elm Street, southeast of Route 213

Somerset

BIVALVE OYSTER PACKING CO. - Mt. Vernon Harbor, Webster's Cove, Mt. Vernon, MD 21853. (00SE0849) General permit registration for discharge from seafood processing

SOMERSET COUNTY ROADS DEPARTMENT – Westover, MD (96-SO-0001) County Exemption permit for a surface mine located on the Cedar Drive

St. Mary's

JOSEPH VALLANDINGHAM & ASSOCIATES - P.O. Box 288, Mechanicsville, MD 20659. (02-16-1059) Water permit to construct water treatment facilities at the Village at Leonardtown, northeast of MD Route 234 and Route 5

JOSEPH VALLANDINGHAM & ASSOCIATES - P.O. Box 288, Mechanicsville, MD 20659. (02-22:23-1060) Sewerage permit to construct a wastewater pumping station and a force main at the Village at Leonardtown, northeast of MD Route 234 and Route 5

MARLAY-TAYLOR WWTP - 48020 Pine Hill Run Road, Lexington Park, MD 20653. (01DP0711) Major surface municipal discharge permit

ST. CLEMENT'S SHORES WWTP - 21911 Rosebank Road, Compton, MD 20627. (01DP1587) Groundwater municipal discharge permit

Talbot

ELLIOTT / WILSON TRUCKS - 9633 Ocean Highway, Easton, MD 21601. (01DP2721) Groundwater industrial discharge permit

INN AT PERRY CABIN CORPORATION - 308 Watkins Lane, St. Michaels, MD 21663. (02-22:23-1022) Sewerage permit to construct a wastewater pumping station and a force main along MD Route 33 and Watkins Lane

Washington

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

HAGERSTOWN WATER POLLUTION CONTROL PLANT - 1 Clean Water Circle, Hagerstown, MD 21740. (S-02-21-4886-T) Sewage sludge transportation permit

SMITHSBURG CREMATORY - 12525 Bradbury Avenue, Smithsburg, MD 21783. (043-00224) Air quality permit to operate

Continued on next page

NOTES

Continued from Page 7

Johns Hopkins has 10 days to appeal the order and 30 days to request a hearing on the penalty. **Status:** Open (Reference #RHP 01-13)

Davis Concrete – Harford County – MDE issued a Notice of Assessed Civil Penalty in the amount of \$28,000 to Davis Concrete on April 17 for failure to control dust and creating an air pollution nuisance at its Harford County cement production plant. In accordance with MDE's previously issued Corrective Order, the company has submitted a plan to address the violations. Davis Concrete has 30 days to request a hearing on the penalty. **Status:** Open (Reference #AQCP 01-08-02)

Dry Cleaners – MDE issued eight Notices of Assessed Civil Penalty to dry cleaning establishments with a penalty range from \$100 to \$400 on April 17. The penalties are for various combinations of failure to register, failure to obtain a permit, failure to monitor, and failure to keep records. In response to Notices of Violation previously issued by MDE, the dry cleaners have 30 days to request a hearing on the penalties. The facilities are now operating in compliance. **Status:** Open (Reference #AQCP 01-41A)

Derek Curtis, DDS – Prince George's County – MDE issued a Complaint, Order and Administrative Penalty for \$7,500 to Derek Curtis, DDS on April 18 for failure to provide proof of film badge monitoring in accordance with state radiation control regulations during an MDE inspection. MDE has forwarded Curtis' appeal of the penalty to the Office of Administrative Hearings. **Status:** Open (Reference #RHP 01-30)

D.W. Kozera, Inc. – Baltimore City – MDE issued a Complaint and Administrative Pen-

alty for \$6,300 to D.W. Kozera, Inc. on April 23 for violating Maryland's radiation control regulations by failing to maintain surveillance over a moisture/density gauge at a field site. The gauge fell off the back of an open bed pick-up truck and was retrieved by a member of the general public. Additionally, the gauge was not locked after completion of use in the field, was not transported in its transportation case, was not secured or braced in the vehicle, and lacked the transport index on the DOT label. Kozera has 30 days to request a hearing on the penalty. **Status:** Open (Reference #RHP 02-07)

Sweetheart Cup Company, Inc. – Baltimore County – MDE issued a Notice of Proposed Civil Penalty in the amount of \$50,000 to Sweetheart Cup on April 26 for failure to obtain a permit to construct and a permit to operate prior to the construction and operation of a new printing press. An MDE inspector determined during a plant inspection that the press was constructed and operated prior to receiving the required permits. The company also failed to notify ARMA of the press start-up date. The company has submitted a permit application to MDE and has 10 days to appeal the penalty. **Status:** Open (Reference #AQCP 02-11)

Plymouth Tube – Wicomico County – MDE issued a Notice of Proposed Civil Penalty in the amount of \$8,000 to Plymouth Tube on May 1. Plymouth Tube is a stainless steel tubing manufacturer located in Salisbury that failed to perform monitoring and record keeping activities required in its Title V permit to operate. The violations have since been corrected. Plymouth Tube has 10 days to appeal the penalty. **Status:** Open (Reference #AQCP 02-07)

Insl-X Products Corporation – Baltimore City – MDE received payment of \$22,000 under

the terms of a Consent Order signed with Insl-X Products Corporation (formerly Bruning Paint) on May 3 to resolve air quality violations at its paint manufacturing plant. The violations included failure to maintain proper lids on paint mixing and storage tanks, failure to maintain records of particulate control equipment operating parameters and failure to reregister a facility after change of ownership. The company has corrected the violations and is operating in compliance. **Status:** Case Closed (Reference #AQCP 020322)

Canam Steel Corporation – Frederick County – MDE issued a Corrective Order and a

Notice of Proposed Civil Penalty in the amount of \$27,000 to Canam Steel Corporation on May 8. Canam is a structural steel fabrication and coating facility that failed to perform monitoring and record keeping activities required by its Title V Operating Permit. The company also operated a dip tank containing VOC-bearing material without a lid, a violation of Maryland's air quality regulations. The violations have since been corrected. The Corrective Order requires Canam to submit a proposal with milestone dates to MDE within 30 days outlining the steps to be taken to prevent similar violations in the future. Canam has requested a meeting on the penalty. **Status:** Open (Reference #AQCP 02-01-01)

For the Record

Wicomico

PERDUE FARMS, INC. - 6906 Zion Church Road, Salisbury, MD 21802. (045-8-0084M) Air permit to construct for modification to soybean meal dryer/cooler

SALISBURY EXXON, INC. - 501 Spring Hill Road, Salisbury, MD 21801. (045-9-0121) Air general permit to construct for two 20,000-gallon gasoline underground storage tanks

Worcester

BARDON, INC. - BISHOPVILLE READY MIX PLANT - 10031-A Kepler Lane, Bishopville, MD 21813. (97SW1606) General permit registration for stormwater associated with industrial activity

E.T.C. FARM CORP. - Ocean City, MD (77-SP-0145) Transfer for a surface mine permit on the Routes 113 and 589

FRONTIER TOWN - 8428 Stephen Decatur

Highway, Berlin, MD 21811. (01SI6002) General permit registration for discharge from general permit for swimming pools and spas

KARY ASPHALT, INC. - BISHOPVILLE - 10031 Kepler Lane, Bishopville, MD 21813. (2000-OPT-3266A) Oil operations permit for above ground storage tank and transportation

RAYNE'S SAND & GRAVEL, INC. - Berlin, MD (97-SP-0519-C) Renewal for a surface mine permit on Route 113

Out of State

HEMPT BROTHERS, INC. - 205 Creek Road, Camp Hill, PA 17011. (2002-OPV-2390) Oil operations permit for transportation

Not included in this listing are approximately 134 facilities that received coverage under the Department's new general discharge permit for swimming pools and spas. For more information about these facilities, please contact the Environmental Permits Service Center at (410) 631-3772.

Lazarus honored for work in Md. communities

Maryland Rural Water Association presents MDE geologist with award

By John Grace

The Maryland Rural Water Association honored Norman Lazarus, a geologist with the Maryland Department of the Environment's (MDE) Water Management Administration, at their annual meeting in April by presenting him with the "Louise V. Snodgrass Friends of Rural Water Award."

"Norman Lazarus deservedly received the recognition for his hard work toward protection of the public health for communities across Maryland," said MDE's Acting Secretary Merrylin Zaw-Mon. "MDE is proud to acknowledge the significant contribution he has made."

The "Louise V. Snodgrass" award is named for Del. Louise Snodgrass, a member of the House of Delegates since 1995



Lazarus

representing district 3 in Frederick and Washington counties, who has been a strong advocate for small community drinking water systems. Formerly the mayor

of Middletown, she currently serves on the Board of the Maryland Rural Water Association.

Water suppliers in Maryland receive technical and financial assistance through MDE to protect and improve the reliability and safety of their water supplies. While most small systems in Maryland rely on ground water as their source of drinking water, owners and operators of these systems generally do not have training in

ground water hydrology and contaminant movement to determine the recharge area for their wells, and the susceptibility of their supplies to contamination.

Lazarus has been involved in helping the towns of Berlin, Sharptown, Walkersville, Rising Sun, Charlestown, Cecilton, Chesapeake City and Elkton, the city of Salisbury as well as Cecil and Anne Arundel counties receive protection assistance. Grants have been awarded to local governments resulting in mapping well-head protection (well recharge) areas; identifying potential contamination threats; and developing strategies to minimize the risk of contamination to the water supply.

In his role as a geologist supervisor in the Water Supply Program, Lazarus also routinely conducts source water assessments, providing written reports and maps to dozens of communities documenting current conditions and recommending steps for protection.

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