

MD Environment

Maryland Department of the Environment

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MDE relocation plan is 2 years in the making

By Allan Jensen

The Maryland Department of the Environment's (MDE) long-anticipated move to Montgomery Park Business Center (Montgomery Park) is expected to occur in August 2002. This relocation will be the culmination of a major procurement and an intense planning process that began more than two years ago.

Montgomery Park is located in southwest Baltimore at Washington Boulevard and Monroe Street in the former Montgomery Ward regional distribution center. MDE's new address will be: 1800 Washington Blvd., Baltimore, Md. 21230. The department's new central phone number is (410) 537-3000.

Notification of MDE's address change is being sent to the department's many stakeholders throughout July. These notices may also include the addition of mail stop numbers and extensions of the zip code, depending on the nature of your association with MDE.

"The physical move will occur over three consecutive weekends scheduled [at press time] to begin on Friday, Aug. 2, and will conclude with the surplusing of over 1,000 pieces of old and/or damaged office furniture shortly after the final weekend move," said Lorrie Del Pizzo, MDE's relocation coordinator. "Most employees will not have their

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Greenhouse effect puts Maryland at risk



PHOTO COURTESY OF THE DAILY TIMES

As a coastal state with natural resources such as the Eastern Shore of the Chesapeake Bay and economic centers like Ocean City, shown above, Maryland's ecosystems and water resources could be especially vulnerable if the sea level rises.

Threat of warmer summers, excess rain could affect state's natural resources

By Reider White and Gene Higa

Scientists around the world are becoming increasingly convinced that greenhouse gases, including carbon dioxide, methane, nitrous oxides and chlorofluorocarbons, are helping to trap heat from the sun close to the earth's surface. This trapped solar radiation warms the earth's surface and the lower atmosphere.

According to scientists, "global warming can lead to a wide range of changes to the earth's climate," — everything from too much rain to hotter summers.

Those things that Marylanders treasure most are also at great risk from the effects of climate change. Maryland's resources that are at risk include: Seacoasts, the bays, the natural environment and wildlife, and the state's pleasant mix of seasons.

The U.S. Environmental Protection Agency's (EPA) "U.S. Climate Action Report – 2002," issued to the United Nations in early June, states that "Greenhouse gases are accumulating in the Earth's atmosphere as a result of human activities, causing global mean surface air temperatures and subsurface ocean temperatures to rise."

These findings are consistent with observations from the Second Assessment Report issued by the Intergovernmental Panel on Climate Change (IPCC) in 1995, and its Third Assessment Report

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Right-to-know fund will assist response planning

By Robin Grove

During the 2002 legislative session Maryland's General Assembly enacted a bill introduced by Governor Parris N. Glendening establishing a Community Right-To-Know Fund in Maryland. Monies for this fund will be generated through fees paid by businesses that manufacture, use, or store large quantities of hazardous and toxic materials.

These facilities are required, under the cur-

rent federal Emergency Planning and Community Right-to-Know Act (EPCRA), to submit various reports to the Maryland Department of the Environment (MDE). Fees paid by the owners of such facilities will be developed by MDE's Technical and Regulatory Services Administration (TARSA) through a public hearing and regulatory process and be based on the costs for processing information on the types and quantities of materials used at such locations.

Half of the funds collected will be provided to county-based Local Emergency Planning Committees (LEPCs) for emergency planning and training purposes.

EPCRA passed the U.S. Congress in response to two major incidents. First, a release of methyl isocyanate from a Union Carbide plant in Bhopal, India, which resulted in the deaths of

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MDEnvironment

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Teacher, school club earn Tawes Awards

Ceremonies for 26th annual awards recognize youth, adults for environmental projects

An environmental club for elementary school students and an educator shared top honors at the 26th annual Tawes Awards for a Clean Environment, presented May 15 in the Blue Heron Center at Quiet Waters Park.

The Charles Carroll Helpers of the Environment and Caring Kids (C.H.E.C.K.) Club in Carroll County and William B. Moulden, an Anne Arundel County resident, won in the youth and adult categories respectively.

The Tawes Award is an environmental recognition program sponsored by the Maryland Department of the Environment (MDE) and the Maryland Petroleum Council (MPC) in the name of late Maryland Governor J. Millard Tawes, who was also the state's first secretary of the Department of Natural Resources (DNR). The award is open to any individual, civic, community, or non-profit entity that has demonstrated outstanding efforts to enhance Maryland's environment over a period of time or with a single project.

"Tawes awardees represent some of what is best about Maryland, its people," said MDE Assistant Secretary Denise Ferguson-Southard, who issued the awards with MPC Executive Director Drew Cobbs. "For 26 years, Tawes Award recipients have demonstrated the true meaning of environmental stewardship through providing the example by which we should all conduct our lives to protect our unique Maryland heritage. Through their projects and service they help us spread the message of personal responsibility in caring for our natural world."

Twenty percent of Charles Carroll Elementary School students belong to the C.H.E.C.K. club, which meets monthly, even through summers, with teachers and parent volunteers.

Club members plant native trees and shrubs, build and monitor bluebird houses, clean up school grounds and completed the first phase of the school's compost bin.

The C.H.E.C.K. club also maintains a pond that not only beautifies their Union Mills school, but supports plants and wildlife.

The pond filters water from the school's roof, controlling flooding and erosion, correcting a flooding problem in the school. Teachers at Charles Carroll have incorporated the pond into their science and art courses. The C.H.E.C.K. club's environmental efforts helped earn their school the Governor's Green School Award in 2001.

William Moulden, a teacher at Samuel Ogle Science, Math and Technology



MDENVIRONMENT PHOTOS BY RICHARD J. MCINTIRE

Above, members of the The Charles Carroll Helpers of the Environment and Caring Kids (C.H.E.C.K.) Club in Carroll County accept their 2002 Tawes Award from MDE Assistant Secretary Denise Ferguson-Southard, right, and MPC Executive Director Drew Cobbs, left.



The wife of Tawes awardee William Moulden, center, accepts the honor from Ferguson-Southard, right, and Cobbs on behalf of her husband, a reservist called to active duty in Afghanistan.

Magnet School in Bowie, has made numerous contributions to preserving the Bay. Most recently, he focused his efforts on Maryland's resurrected terrapin conservation program. As a result of Moulden's efforts, Governor Parris N. Glendening announced formation of the Diamondback Terrapin Task Force and appointed Moulden chairman. In addition, Moulden created and initiated a successful oyster recovery operation by using rubble and abandoned aquatic structures to grow oysters. He involved the youth of Sherwood Forest, nurturing them to become the next generation of environmental stewards.

The Crownsville resident has also initiated and secured grants and funding for many projects including the creation of the state's first submerged aquatic vegetation (SAV) tidal nursery and restoration of yellow perch to the Severn River.

The runner-up in the youth category was the Builders Club of North East Middle School in Cecil County. Last October, the club reached its goal of collecting 2 million pounds of recyclables. The students are well on their way to their next goal—challenging the North East community to recycle 3 million pounds by 2004.

In addition to their commitment to recycling, the Builders Club has con-

structed four nature trails, planted 400 trees in Elk Neck State Park and participated in environmental cleanups. In 1999, the Builders were Tawes Award recipients.

The Runner-up in the adult category was Frank B. Smoot of Baltimore County. Smoot has dedicated his life to conserving natural resources and at 95, is still active in his community.

For 20 years, Smoot taught 4-H, boy and girl scouts about the great outdoors and the importance of preserving it. The avid hunter and fisherman teaches children the art of fly-fishing and the importance of keeping streams clean. He also helped get the Migratory Game Bird Act passed. In 1962, Smoot helped form the Maryland Wildlife Federation, an affiliate of the National Wildlife Federation. He was involved in getting a congressional bill passed so the U.S. Department of the Interior could purchase Assateague Island, preventing its development.

A panel of judges chooses the Tawes Award winners and runners-up. Last year's winners included St. Mary's Elementary School in Annapolis and the Alice Ferguson Foundation in Prince George's County.

For more information on the Tawes Award for a Clean Environment, please call (410) 269-1850 or MDE's Office of Communications at (410) 631-3003.

Surface mine companies earn honor for achievements

By Ed Larrimore

The Maryland Department of the Environment (MDE) recently honored the work of two surface mining companies with annual awards given to those who have demonstrated outstanding achievements in the area of community relations and land reclamation.

"The work these companies do every day is important to helping achieve the goals that MDE has set to help protect Maryland's sensitive environment. We need to recognize them for contributing to our efforts and informing our communities," said Acting MDE Secretary Merrylin Zaw-Mon, who presented the awards to the Arundel Corp. and Lafarge North America during a June ceremony at MDE's Baltimore headquarters.

The Good Neighbor Award was presented to the Arundel Corporation for work at its Havre de Grace Quarry, which sits near I-95 and the Susquehanna River in Harford County.

Knowing that most of the quarry's neighbors had no idea what was going on at the site, Arundel Corp. officials decided to sponsor an open house to invite the neighborhood to tour the facility. Since the first tour in 1997, the event has grown to an all-day affair attracting about 2,000 people and culminating with a rock blast at the end of the day.

The Arundel Corp. has also opened a non-tidal wetland complete with boardwalk and observation points to local schools and youth groups. The wetlands provides opportunity for outdoor education and appreciation.

Lafarge North America received the department's Outstanding Reclamation Award for the company's reclamation of the Lindsey pond area of the Texas Quarry in Baltimore County.

Although typical mine reclamations do not feature open space and grasslands, the Lindsey Pond area offered a unique and appropriate reclamation effort. Located in the rapidly growing and densely developed Cockeysville area, the Lindsey Pond had for decades been a depository for wash plant fines and was



MDENVIRONMENT FILE PHOTOS

MDE Acting Secretary Merrylin Zaw-Mon, second from left, presents representatives from Lafarge North America with the department's Outstanding Reclamation Award for the company's work in the Lindsey Pond area of the Texas Quarry in Baltimore County.



Representatives from the Arundel Corp. receive MDE's Good Neighbor Award from Acting Secretary Merrylin Zaw-Mon, left. The company earned the department's annual distinction for work at its Havre de Grace Quarry, located in Harford County.

also underlain by abandoned underground limestone mines.

The underground area had to be back-filled to avoid future subsidence and to provide compaction for future development. Wick drains were placed in the pond to drain the moisture and prepare the site for eventual backfill and compaction.

As part of the reclamation plan, a regional stormwater management facility was constructed to provide stormwater control for 250 acres that previously had none.

The reclaimed area, which also won a national award from the Interstate Mining Compact Commission earlier this year, has since evolved into a regional shopping area.

"This type of land use is a good example of rehabilitating former wasteland within the service area of existing infrastructure into productive land," Zaw-Mon added. "On behalf of MDE and Governor Parris Glendening, I commend both of these companies for the continued effort to support the state's Smart Growth and community initiative."

Ask



By Andrew Gosden

This column is focused on questions concerning business environmental compliance issues. Since many questions may require more space than is available to answer fully, these answers will often provide contact information for more detailed information. 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. Questions that are of general interest will be answered.

Q. I was putting gas in my car and the pump didn't shut off. As result I spilled some gasoline. What's the right thing to do when this happens?

A. Gas stations in the Baltimore and Washington D.C. area are required to have Stage II vapor recovery equipment on the pumps. This equipment reduces air emissions from refueling by returning the vapors from the car's gas tank to the station's storage tank. The department has specific regulations for the operation of the Stage II equipment.

Part of these regulations is to have instructional signs that explain the proper use of the nozzles. These signs need to be posted at each gas pump. The department's toll-free number, (800) 633-6101 is required to be included on each sign.

Inform the manager if gasoline is spilled due to malfunctioning pumps. If the automatic shutoff is not working the pump must be tagged out of service to prevent its use. If you are still concerned that the station is not complying with state regulations, notify MDE's Air Quality Compliance Program at (800) 633-6101, ext. 3220. Remember not to top off your tank after the automatic shutoff has tripped. The department's Oil Control Program will also respond to complaints about gasoline spills. They can be reached at (800) 633-6101, ext. 3442.

Gasoline stations are also regulated by two other state agencies. The Comptroller's Office is responsible for quality control inspections for motor fuels. Concerns about the quality of gasoline you receive at a gas station should be directed to the Motor Fuel Tax Division at (410) 260-7131. The Department of Agriculture is responsible for weights and measures. This means they make sure the gallon you pay for is really a gallon. You can contact them at (410) 841-5790.

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 Maryland Department of the Environment through the Environmental Permits Service Center if you have any questions about your permit or how the regulations may apply to your situation.

News Briefs

MDE arranges emergency funding for Westernport

The Maryland Department of the Environment (MDE) helped Westernport receive \$100,000 after the June 23 failure of a drinking water pumping station in the Allegany County town. About 90 homes were impacted by the system failure. The funding will be used to construct a solution that will eliminate the antiquated pumping station and loop the existing drinking water line. MDE also expedited review of

plans for the repairs, which were already complete as the town knew the station was in poor condition. Funds had already been earmarked for the project but the matter had not been scheduled before the state Board of Public Works.

Businesses for the Bay awardees sought

The *Businesses for the Bay* Excellence Awards recognize participants for their outstanding work in implementing pollution prevention projects

or programs to help protect the Chesapeake Bay and its rivers. To be eligible, facilities must be a *Businesses for the Bay* participant. Joining the program is free and easy to do. Simply go to www.b4bay.org and sign up online, or call *Businesses for the Bay* Coordinator Mary Lynn Wilhere at (800) 968-7229, ext. 719, or MDE P2 Coordinator Laura Armstrong at (410) 631-4119 to ask for a brochure and awards application. Awards will be presented at the *Businesses for the Bay* Annual Meeting November 12-13.

CNG re-fueling network, AFV vehicle use expands



By Bob Maddox

Committed to performing its work using environmentally friendly vehicles, the Maryland Department of the Environment (MDE) has included in its vehicle fleet several bi-fuel and dedicated compressed natural gas (CNG) vehicles.

"The nature of our work to preserve and protect Maryland's environment allows MDE to set an example for those throughout the state," said MDE Acting Secretary Merrylin Zaw-Mon. "The decision to add the new vehicles to our fleet, will hopefully encourage others to seek the alternatives to traditional vehicles. When fleet vehicles get old, some are being replaced with new alternative-fuel vehicles (AFVs), which meet two important objectives: First, these vehicles are cleaner, and second, they reduce reliance on foreign oil."

MDE now has 14 bi-fuel passenger cars — Chevrolet Cavaliers — that use both CNG and gasoline and two cars and one truck that are dedicated CNG vehicles. These passenger cars use both gasoline and CNG and have a fuel tank for each fuel. CNG is the default fuel, mean-



At left above, a CNG pump that was recently installed at the Maryland Port in Baltimore. Above, an MDE employee uses the state's newest CNG pump to refuel a Honda Civic used by the Maryland Department of the Environment as part of its fleet of alternative fuel vehicles.

MDENVIRONMENT PHOTOS BY REIDER WHITE

ing any CNG that is in the fuel tank will be used before the engine switches to gasoline. The dedicated vehicles, Honda Civics and a Ford F250 pickup, use only CNG.

Tailpipe emissions are reduced significantly when an engine runs on CNG, according to Tim Shepherd of the Mobile Sources Control Program "CNG is the cleanest of the fossil fuels," Shepherd said. "NOx [nitrogen oxides] and CO [carbon monoxide] are reduced approximately 60 percent. And when compared to diesel vehicles, particulate matter is reduced between 60

to 80 percent."

Another benefit of using CNG is that the refueling system is a closed, non-evaporative system. Unlike gasoline, none of the CNG fuel is spilled or evaporates when filling the tank.

Maryland is also expanding the alternative fuel infrastructure available to the state fleet. A CNG refueling site recently opened at the Dundalk Marine Terminal on Broening Highway. The state now operates three CNG refueling sites, with the other two located at 301 West Preston St. in Baltimore and on Aaronson Drive

at BWI Airport. There are 18 other CNG refueling sites throughout the state operated by Baltimore Gas and Electric (BGE), Washington Gas and independent gasoline stations. The CNG site closest to MDE's new home at Montgomery Park is at the BGE facility at the Spring Garden Service Center in Baltimore, about a mile and a half away.

To learn more about alternative fuels, refueling sites, and AFVs, visit the Alternative Fuels Data Center at www.afdc.nrel.gov and the Northeast Sustainable Energy Association at www.nesea.org.

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published in 2001. The 2001 report contained the following observations:

- The global average surface temperature has increased over the 20th century by about 0.6°C.
- Global average sea level has risen and ocean heat content has increased.
- Concentrations of atmospheric greenhouse gases have continued to increase as a result of human activities.

One of the primary conclusions of the 2001 report was that, "There is new and stronger evidence that most of the warming observed over the last 50 years is attributable to human activities."

In the face of such findings issued by a panel of world experts, many nations and multinational corporations, as well as some states and local governments are already committed to reducing their greenhouse gas emissions.

Certain state and local governments in the U.S. have also taken greenhouse gas reduction actions out of concern for the potential adverse environmental and economic impacts that they anticipate.

Maryland Impacts

Although there has not been an extensive Maryland-specific assessment, some information regarding the Mid-Atlantic region and the state has been published. Although calculations of future local impacts of climate change

are much less reliable than for global impacts, Maryland, based upon IPCC projections, could see over the next century average temperatures increase by 3°F and precipitation increase by an additional 20 percent. Such a higher temperature could result in health impacts in the form of an increase in heat-related illnesses as well as an increase in ozone concentrations.

The EPA publication "Climate Change and Maryland" notes that there is an even chance that our sea level will rise by 10 inches in 50 years and 19 inches in 100 years. As a coastal state with natural resources such as Assateague Island, the eastern shore of the Chesapeake Bay and economic centers like Ocean City, Maryland's ecosystems and water resources could be especially vulnerable to such a rise in sea level. A study sponsored by the Maryland Energy Administration (MEA) may provide additional information about such vulnerabilities.

Action

"Maryland has begun several initiatives that while achieving other environmental goals also help to reduce greenhouse gas emissions," said MDE Acting Secretary Merrylin Zaw-Mon. "These programs result in reduced greenhouse gases as they address ozone, sprawl, or other environmental issues. Most of these programs reduce the carbon dioxide resulting from the consumption of energy, either through efficiency measures to reduce the combustion of fossil

fuels at power plants or through transportation measures that minimize the amount of travel in conventional cars."

For example, the Governor's 2000 Executive Order on Clean Power, Green Buildings, and Energy Efficiency established standards for state government's procurement of lower-polluting energy and a Green Buildings Council to encourage energy-efficient design and operation of state-owned or leased buildings. With respect to the public, the Maryland Clean Energy Incentive Act, administered by the Maryland Energy Administration, provides tax incentives for the purchase of energy efficient appliances, specified electric and hybrid electric vehicles, and sources of clean energy generation. The amount of fossil fuel combustion avoided through such efficiency measures translates into fewer emissions of carbon dioxide as well as lower operating costs.

To address the impacts of problems associated with urban sprawl -- which also contributes to climate change --, Glendening created the nationally recognized Maryland Smart Growth and Neighborhood Conservation program, which encourages citizens and businesses to locate in areas of the state that are already developed instead of upon undeveloped land. By preventing sprawl, Smart Growth counteracts the trend of people moving to homes farther away from their workplaces. It also helps

reduce the number of vehicle miles travelled by commuters.

MDE is also participating in a number of projects that can help reduce the effects of global warming, including the development of a state-wide greenhouse gas emission inventory to help determine what future actions we may need to take to reduce the effects of global warming; encouraging the capture of emissions of methane, a potent greenhouse gas, from landfills; encouraging the use of alternative fuel vehicles; providing pollution prevention services that assist companies in reducing their energy consumption; and encouraging solid waste recycling and water conservation.

The executive order also requires the Green Buildings Council to develop a greenhouse gas reduction action plan. MDE has been collaborating with the Maryland Energy Administration, which chairs the Green Buildings Council Subcommittee responsible for developing the plan, the Departments of Natural Resources, Transportation and Agriculture, and the Office of Smart Growth to identify and assess opportunities for reducing greenhouse gas emissions.

"The issue of greenhouse gases, and their impact on our environment, is both complex and controversial," Zaw-Mon added. "It is imperative that the United States and Maryland act along with out international partners to take action to address this pressing global problem."

Innovative technology helps remediate Howard County site

By Peggy Smith and Darshana Patel

The Maryland Department of the Environment (MDE) is overseeing the cleanup of contaminated groundwater at the Mayfield Repair Facility (MRF) in Howard County using chemical oxidation technology.

The site, located in Elkridge, is currently a county vehicle maintenance facility. From 1970 until 1983, paint and cleaning solvents were allegedly disposed of in a gravel-filled pit on the property. The potential contamination was discovered by MDE in 1987. By the 1990s, the Howard County Department of Public Works was actively cooperating with MDE in the assessment and remedial investigation of MRF.

After conducting investigations in 1987 and 1992, Howard County officials implemented a groundwater pump and treat and soil vapor extraction systems to remediate groundwater. Though the system was in operation from 1992 to 1996, later evaluation revealed that neither method had reduced the contamination.

"In 1999, MDE was requested to expand efforts to investigate and remediate contaminated sites on the State Master List, which includes the Mayfield Repair Facility," said Karl Kalbacher, program manager of the Environmental Restoration and Redevelopment Program. "After an initial survey, MDE's State Superfund Division contacted the potentially responsible owners of the facility to discuss voluntary investigation and remediation of the site with MDE oversight."

Howard County subsequently conducted additional investigations to better understand the contamination and to guide future remediation decisions. Due to the discovery of high concentrations of chlorinated solvents, source area remediation using *in-situ* chemical oxidation was identified as the best option.

Chemical oxidation, a system that has only



MDENVIRONMENT FILE PHOTO

Site personnel prepare to start the injection process at the Mayfield Repair Facility in Howard County.

recently been used for soil or groundwater remediation, involves the injection of an oxidizing chemical, in this instance Fenton's Reagent, into the subsurface to cause rapid reactions with inorganics, halocarbons and more complex organics. The rapid chemical reactions cause contaminants to break down and remediate the groundwater. It is anticipated that two or three rounds of injection will be necessary to reduce the groundwater contaminant concentrations to acceptable levels.

Injection of Fenton's Reagent was initiated last fall. Adjustments were made to the injection pressure and duration when problems arose due to the silty nature of the subsurface soil at the site. Post-injection groundwater sampling conducted to date is showing results as expected.

The second round of injections is expected later this summer. MDE continues to oversee the remediation and anticipates reduced contaminant levels by the end of the third round.

For more information on this technology or on the State Superfund Division, contact Peggy Smith, geologist, at (410) 631-3493.

MDE develops stormwater plan for single lots

By Stewart Comstock

The Maryland Department of the Environment (MDE) is developing a model standard plan to address stormwater management requirements for single lot residential construction projects.

The standard plan, which promotes environmentally friendly techniques, will be used as an option for individual homeowners and builders to comply with the recently amended stormwater management requirements. MDE anticipates that the final version will be published on MDE's website by mid August.

In October 2000, MDE adopted amended stormwater management regulations that include a unified approach for determining stormwater treatment requirements in Maryland.

"When Maryland's stormwater management regulations were re-written, the exemption for residential projects on two-acre lots or larger was eliminated," said Robert Summers, director of MDE's Water Management Administration. "Our standard plan will now allow homeowners to address stormwater management in a cost effective manner. We think this is a good thing for all involved."

Unless specifically exempted, any development project that disturbs more than 5,000 square-feet of land area must address both water quality and groundwater recharge volume requirements.

Stormwater designs for new developments must also address stream channel protection volume or, if located on the Eastern Shore of the Chesapeake Bay, the two-year flood control volume. In addition, local jurisdictions on the Western Shore may also require control of a ten-year storm. While the impact of most single

lot residential development on stormwater runoff is minimal, the owner or developer must demonstrate compliance with these requirements, a sometimes costly endeavor.

Accordingly, MDE has crafted the model standard plan as an option to assist localities administer an effective stormwater program and alleviate the burden to individual homeowners.

Currently, there are many state and local programs that promote minimizing impacts related to land development. Nonstructural, or "environmentally friendly" practices (e.g., rain gardens, disconnection of runoff, sheet flow to buffers) are recognized as important features of stormwater management design. The primary benefit is that these practices reduce the amount of runoff from a site thereby reducing reliance on more costly structural controls.

Typically, larger scale projects use a combination of both structural and non-structural practices to meet stormwater requirements.

However, because of the small-scale of most single-lot residential construction, a non-structural design may be sufficient. For this and other reasons, MDE's standard plan utilizes these techniques to address all stormwater requirements.

MDE will use this model plan as a template in establishing minimum criteria for locally developed standard plans. While all local development and review processes are unique, the model ensures that all local standard plans contain the minimum information necessary for effective implementation. All locally developed standard plans are subject to MDE approval.

Questions about the proposed standard plan may be directed to MDE's Nonpoint Source Program at 410-631-3543.

Subgroup spins off of harbor TMDL outreach

By Scott Macomber

The Maryland Department of the Environment (MDE) continued its Baltimore Harbor Total Maximum Daily Load (TMDL) outreach campaign by hosting the second meeting of the Baltimore Harbor TMDL Stakeholder Advisory Group on May 7 at the Living Classrooms

Foundation's Weinberg Education Center.

More than 50 people representing local business and industry, academia, local and regional environmental organizations, and federal, state and local governments attended the meeting.

Building on the foundation developed at the

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more than 2,000 citizens in the community adjacent to the plant. A few months later in Institute, West Virginia, at another Union Carbide plant, a similar release occurred. Luckily the second incident was much smaller and did not result in major injuries or death.

Congress had several purposes in mind in passing EPCRA. Foremost was providing citizens and governments with information regarding the types and quantities of hazardous materials in their communities. Local governments were tasked with the job of planning for chemical releases and incidents.

A better-informed citizenry could play an active role in the planning process. Public availability of the information would be used to open a dialog with companies. This dialog could lead to better trust and understanding, as well as provide incentives for industry to change their operations making them less dangerous to the

surrounding communities.

There are three primary parts to EPCRA: emergency planning, community right-to-know, and toxic chemical release reporting. Under the emergency planning provisions, each state established a State Emergency Response Commission (SERC). The SERC designated planning districts and appointed the LEPCs for each district. The LEPCs complete emergency response plans which the SERC reviews. Plans are completed using the chemical inventory information required by EPCRA. These documents are made available to the public by the LEPCs and the SERCs, which is the community right-to-know component.

Certain large facilities are also required to provide information concerning routine releases to the SERC and to the U.S. Environmental Protection Agency under the toxic chemical release reporting provisions of the act. In Maryland,

the Governor's Emergency Advisory Council (GEMAC) was named as the SERC. The 23 counties, Baltimore City, and Ocean City were designated as planning districts and an LEPC was appointed for each. The GEMAC/SERC, as it is now known, delegated to MDE the role of information repository. All documents to be submitted under the various reporting requirements come to MDE and are retained there.

While EPCRA created obligations for state and local governments, it included no funding for these state and local programs. The program is often characterized as an unfunded federal mandate. Each jurisdiction was left on its own to develop revenue sources and funds to support their mandated activities. As a result, the program has been implemented throughout the country with varying degrees of success—dependent upon the stability of the funding source.

The Community Right-To-Know Fund established under the recently passed legislation will provide MDE, in its role as information repository for the SERC, and the LEPCs with a stable and continuing source of funds to support emergency planning, training and preparedness activities.

The legislation establishes a \$1,000 cap on the amount any one responsible person will be assessed during a calendar year. The one-half of the revenues that MDE will retain from the fund will be used to develop, manage, and maintain databases for use in emergency planning and response. MDE expects to undertake the public regulatory process to establish the fees later this year, with the intent to have the fees in place in time for the next year's round of reports due in March.

Questions regarding this program can be directed to Patricia Williams at (410) 631-3800.

Law protecting Anne Arundel bogs now in effect

By Judy Cole

New legislation aimed at regulating 100-foot, 300-foot and 1,000-foot buffers in all bog watersheds recently took effect in Anne Arundel County.

The legislation — passed by the Anne Arundel County Council in February— will limit development in watersheds by expanding on a 25-foot buffer established by the Maryland Department of the Environment's (MDE) Nontidal Wetlands Protection Act of 1989.

"It was a hard battle but it was worth it," said Shirley Murphy, an Anne Arundel Council member who supported the legislation.

MDE's Nontidal Wetlands Protection Act of 1989 provided escalating levels of review and protection to nontidal wetlands based on their values and the extent of the authorized impacts.

The highest level of regulatory protection is assigned to Nontidal Wetlands of Special State Concern (NTWSSC), which are defined in regulation as "... having exceptional ecological or educational value of statewide significance."

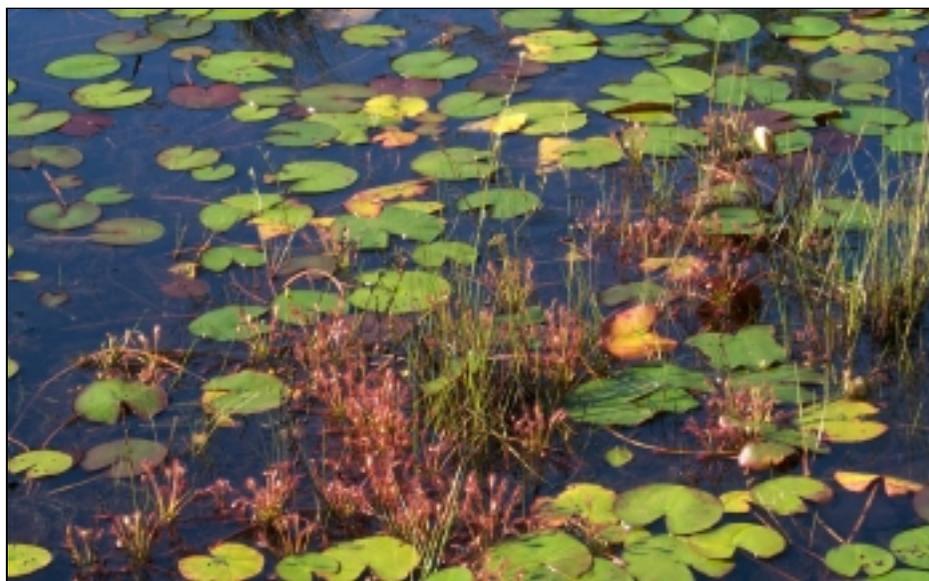
The established 25-foot buffer affects all nontidal wetlands except the NTWSSC, which have an expanded buffer of 100 feet.

The original NTWSSC listed in the 1991 regulations included seven, named peatland "bogs" on the Mountain Road peninsula in northeastern Anne Arundel County that is bounded by Bodkin Creek, the Magothy River and the Chesapeake Bay.

The fight for expanded buffer zones began shortly after the 1998 discovery of Main Creek Bog and the Maryland Avenue Bog Complex.

The problem, according to Murphy, was that these newly discovered bogs were not listed in MDE's existing regulation, and only eligible for the 25-foot buffer.

In December 1999, the department was asked to include the newly discovered peatlands on



MDENVIRONMENT FILE PHOTOS

Legislation to protect newly discovered bog watersheds including the Mountain Road peatland, shown above, recently took effect in Anne Arundel County. The legislation protects the bogs from development by establishing a regulated 100-foot buffer.

the list of NTWSSC regulations, by the Anne Arundel County Legislative delegation. In addition, Murphy and Anne Arundel Councilwoman Barbara Samorajczyk established the Anne Arundel Bog Task Force to identify, describe, map and name the peatlands.

As a result, state emergency regulations were developed to include the nontidal wetlands on the Mountain Road peninsula as an interconnected system of peatlands.

The emergency regulations took effect in September 2000 and mandated a 100-foot regulated buffer and specific best management practices for watersheds to MDE's NTWSSC. The regulations were adopted by the state legislature in January 2001.

The task force is currently prioritizing properties for acquisition to assist the county, which recently received a grant to purchase 400 acres

that will allow two peatlands to be preserved. The state has also purchased two lots slated for development.

"These land purchases not only preserve the bogs, but also their essential ground water recharge areas," said Acting MDE Secretary Merrylin Zaw-Mon.

The Anne Arundel Bog Task Force continues its work mostly on developing plans for restoring a Mountain Road peatland found buried under dredge material, which will be removed and replaced with Magothy formation sands.

"MDE is currently in the process of revising its nontidal wetland regulations to include other Anne Arundel County peatlands located west of the Mountain Road peninsula," Zaw-Mon added. "This will extend the added regulatory protections and a 100-foot buffer to all of the known Anne Arundel County bogs."

MOVE Continued from Page 1

desks moved because the developer has constructed more than 1,000 workstations that will function similar to furniture at a fraction of the cost thanks to an innovative use of an open office design and the standard state lease allowance for partitioning (walls)."

Montgomery Park, LLC was the successful bidder when the Maryland Department of General Services (DGS) issued competitive bid procurement in the spring of 2000 to find a new home for MDE. At that time, MDE's original lease for the Broening Highway property had expired, and DGS had negotiated a short-term lease extension while the procurement was processed.

"This procurement was unique for Maryland state government because of its size (262,300 square feet requested), and it contained requirements and incentives for prospective bidders to meet Smart Growth requirements and include 'green building' features," Del Pizzo said. "Montgomery Park LLC's proposal included innovative features designed to make their 1.3 million square foot, 75-year-old building a model of energy and resource efficiency."

Once the lease was awarded to Montgomery Park, LLC, MDE kicked off a major move planning effort. Subsequently, several committees have been formed involving all levels of staff to oversee the many details of such a large undertaking.

MDE's Employee Involvement Committee was also involved in coordinating input and feedback from the employees. A large number of procurements have been issued and awarded involving millions of dollars in costs to fit-out the space and to physically move the agency.

Key features and amenities of Montgomery Park not previously mentioned include:

- Sufficient space to consolidate and more efficiently house MDE's many operating programs.
- Close proximity to interstates 95 and 695.
- Free parking for all employees and all state fleet vehicles.
- Electronic security systems utilizing proximity devices and control points that will restrict access to the parking lots, buildings, elevators, and floors, supplemented

by a security force provided by the developer.

- On-site food court, 500-seat auditorium, and plans for an athletic center to be opened within six months.
- Day care center located on site.
- Close proximity to public transportation, Carroll Park and a municipal golf course.

Part of MDE's build-out of this new space will be a conference center, testing room and Public Information Act document viewing room as part of our first floor reception center. MDE's Emergency Response staff and several laboratories has been consolidated in a separate building at the same location. MDE will also benefit from a new phone system, hardware and an enhanced information technology infrastructure.

"We are excited about moving into our new headquarters, but are naturally anxious about the actual move," said MDE's Acting Secretary Merrylin Zaw-Mon. "Great planning went into making the move as uneventful as possible and to make the future use of MDE's new space a positive and rewarding experience."

Montgomery Park highlights successful Green Building

By Allan Jensen

A key to success for Montgomery Park, LLC in winning the bid to locate the Maryland Department of the Environment's (MDE) headquarters at the Montgomery Park Business Center was the developer's compliance with the procurement requirements for Smart Growth and an environmentally sensitive (green) design approach. Montgomery Park scored big on both counts.

Under Smart Growth, the state was looking for a location that provided for the rehabilitation of an older building in an area with existing infrastructure. This was the first major lease procurement under Governor Glendening's Smart Growth Initiatives, so it was important for the State to demonstrate that we practice what we preach. The 1.3 million square foot Montgomery Ward building has been vacant for nearly 15 years, so its adaptive re-use was a priority for Baltimore City and the Maryland Department of Business and Economic Development. This building is in a Federal Empowerment Zone within Baltimore's Carroll-Camden Industrial Park, and is a major anchor for the Washington Village Zone.

"The development of Montgomery Park embraces a wealth of green attributes, and that was very important for MDE when developing the procurement requirements," said MDE's Acting Secretary Merrylin Zaw-Mon. "We were looking for a partner who shares our concern for conserving the environment. A green design approach seeks to conserve resources, reduces energy consumption, and maximizes use of sustainable materials that are environmentally sensitive."

Major components of Montgomery Park's environmentally sustainable design include:

- **Energy efficient mechanical systems** - Montgomery Park has installed state-of-the art mechanical systems that will monitor the climate and conditions inside and outside the building to balance the HVAC to maximize tenant comfort and energy savings.
- **Ice storage** - The ice storage system will use energy at night (when there is no demand change) to freeze water and store the ice for cooling air during the day. The cooling system will also employ an economizer unit to use fresh air as a cooling supplement when outside temperatures are moderate.

See BUILDING, Page 12



Enforcement & Compliance Notes

--May 15 to June 15, 2002--

Air & Radiation Management Administration

Kaydon Ring & Seal – Baltimore City – MDE received a \$25,000 penalty payment from Kaydon Ring and Seal on May 20 which represents the second and final installment of a penalty assessed against the company in accordance with the terms of a recently signed Consent Decree. The Consent Decree addressed Kaydon's violations of federal air toxics requirements for vapor degreasers and chrome plating. In addition to the \$50,000 penalty, the settlement included two supplemental environmental projects valued at about \$200,000. **Status:** Case Closed (Reference #AQCP 24-C-02-000818OC)

Baltimore Marine Industries – Baltimore County – MDE issued a Notice of Proposed Civil Penalty on May 24 in the amount of \$22,000 to Baltimore Marine Industries. Baltimore Marine, a ship repair facility located in Sparrows Point, failed to perform monitoring and record keeping activities required in its Title V permit to operate. Baltimore Marine has 10 days to request a meeting on the penalty. **Status:** Open (Reference #AQCP02-06)

Murphy Transport, Inc. Consent Order – Eastern Shore – MDE entered into a Consent Order on May 29 with Murphy Transport. Murphy Transport, an Eastern Shore gasoline delivery company, violated Stage I Vapor Recovery requirements. Stationary tanks and transport trucks that store and transport gasoline are required to have Stage I Vapor Recovery systems in place. The Consent Order provides for payment of Murphy's \$5,000 penalty over a five-month period. **Status:** Case Closed (Reference #AQCP02-05-29)

Wheelabrator, Baltimore L.P. – Baltimore City – MDE issued a Notice of Proposed Civil Penalty on May 31 in the amount of \$25,000 to Wheelabrator, Baltimore L.P. (formerly BRESCO). Wheelabrator, which operates a large municipal solid waste incineration facility, had visible emissions violations and failed to operate its activated carbon injection system that controls emissions of dioxin/furans and mercury. Wheelabrator has 10 days to request a meeting on the penalty. **Status:** Open (Reference #AQCP02-12)

Gamse Lithographing Company, Inc. – Baltimore County – MDE issued a Notice of Proposed Civil Penalty on June 5 in the amount of \$15,000 to Gamse Lithographing Company. Gamse operates a commercial printing facility that failed to maintain the inlet temperature to its

oxidizer as required in its Title V permit to operate. Gamse has 10 days to request a meeting on the penalty. **Status:** Open (Reference #AQCP 02-08)

Johns Hopkins Institutions – Baltimore City – MDE issued a Notice of Assessed Civil Penalty on June 5 in the amount of \$40,000 against Johns Hopkins Institutions (JHI), which purchased and installed two large emergency diesel electrical generators in 1998 without applying for and obtaining the required new source review permits. Due to the size of the emissions, these generators are classified as "major" sources of air pollution under the Clean Air Act and, as such, are subject to a federally required new source review process. JHI operated these generators for three years without going through this required permit review. JHI has 30 days to appeal the penalty. **Status:** Case Closed (Reference #AQCP01-29A)

Center for Pain Management – Montgomery County – MDE issued a Complaint, Order and Administrative Penalty on June 10 for \$20,000 to the Center for Pain Management for allowing two workers to receive more than the allowed annual dose of radiation, for allowing the two workers to remain working in radiation fields despite their exceeding annual dose limits and for failure to notify MDE of the overexposures. The center has 10 days to appeal the order and 30 days to request a hearing on the penalty. **Status:** Open (Reference #RHP02-06)

Clean Harbors – Baltimore City – MDE entered into a Consent Order with Clean Harbors on June 12 to resolve violations of air quality regulations that resulted from the chemical release incident in October 2001 at its waste processing facility located in south Baltimore. MDE determined through its investigation, reports, and evaluations that there were visible emission, odor and toxic air pollutant violations. The Consent Order requires Clean Harbors to take certain steps to prevent similar incidents in the future and pay a penalty of \$30,000 within 30 days. **Status:** Case Closed (Reference #AQCP 02-06-12)

Spector & Krupp – Baltimore County (Crossroads Drive) – MDE issued a Complaint, Order and Administrative Penalty for \$10,000 to Drs. Spector and Krupp on June 13 for failure to resolve violations from a routine dental inspection at the Crossroads Drive facility. Spector & Krupp have 10 days to appeal the order and 30 days to request a hearing on the penalty. **Status:** Open (Reference #RHP01-20)

Spector & Krupp – Baltimore County (Joppa

Road) – MDE issued a Complaint, Order and Administrative Penalty for \$10,000 to Drs. Spector and Krupp on June 13 for failure to resolve violations from a routine dental inspection at the East Joppa Road facility. Spector and Krupp have 10 days to appeal the order and 30 days to request a hearing on the penalty. **Status:** Open (Reference #RHP01-21)

Dr. Stephen Gentile DDS – Harford County – MDE issued a Complaint, Order and Administrative Penalty for \$10,000 to Dr. Gentile on June 13 for failure to resolve violations from a routine dental inspection. Gentile has 10 days to appeal the order and 30 days to request a hearing on the penalty. **Status:** Open (Reference #RHP01-32)

Waste Management Administration

Socorro T. Vidanes - six properties – Baltimore City – Socorro T. Vidanes was issued a Complaint, Order and \$20,000 Civil Penalty on May 21 for failure to obtain full risk reduction certificate(s) of lead inspection and failure to meet the 50 percent requirement for lead risk reduction certificates. **Status:** Vidanes has 10 days to request a hearing on the complaint and order and 30 days to request a hearing on the penalty. (Reference #00-30-2375)

Glenn Grayman - six properties – Baltimore City – Glenn Grayman was issued a Complaint, Order and \$20,000 Civil Penalty on May 21 for violating Maryland's Lead Laws. **Status:** Grayman has 10 days to request a hearing on the Complaint and Order and 30 days to request a hearing on the penalty. (Reference #01-30-4443)

Leonidas G. Newton - 19 properties – Baltimore City – Leonidas G. Newton was issued a Complaint, Order and \$30,000 Civil Penalty on May 21 for violating Maryland's Lead Laws for failure to renew registration of pre-1950 rental properties and failure to meet the 50 percent requirement for lead risk reduction certificates. **Status:** Newton has 10 days to request a hearing on the complaint and order and 30 days to request a hearing on the penalty. (Reference #01-30-4470)

William J. Moseley - five properties – Baltimore City – William J. Moseley was issued a Complaint, Order and \$45,000 Civil Penalty on May 24 for violating Maryland's Lead Laws for failure to register pre-1950 rental properties and failure to meet the 50 percent requirement for lead risk reduction certificates. **Status:** Moseley

has 10 days to request a hearing on the complaint and order and 30 days to request a hearing on the penalty. (Reference #01-30-4315)

Kevin Q. Bell - four properties – Baltimore City – Kevin Q. Bell was issued a Complaint, Order and \$30,000 Civil Penalty on May 24 for violating Maryland's Lead Laws for failure to register pre-1950 rental properties and failure to meet the 50 percent requirement for lead risk reduction certificates. **Status:** Bell has 10 days to request a hearing on the complaint and order and 30 days to request a hearing on the penalty. (Reference #00-30-2767)

Ocean City Service Oil Company – Ocean City-Worcester Co. – Ocean City Service Oil Company was issued a Complaint, Order and \$5,000 Civil Penalty on June 6 resulting from violations of Maryland's Oil Pollution Laws. Ocean City Service Oil Company has been sited for using a transport vehicle to store gasoline on site for four years, and several issues centering around the inspection of two 20,000 gallon above ground storage tanks. **Status:** Ocean City Service Oil Company has 10 days to request a hearing on the complaint and order and 30 days to request a hearing on the penalty. (Reference #COV-2002-013)

Water Management Administration

Thomas and Ann Proctor – Charles County – MDE issued a unilateral administrative Complaint, Order and Penalty Assessment on June 12 against Thomas and Ann Proctor, 7545 Pomfret Road, La Plata, Charles County, Md., for unlawful discharges of sewage from a failing septic system to an unnamed tributary of Mattawoman Creek. The order requires the Proctors to immediately begin pumping and hauling sewage from the septic system for offsite disposal and within 30 days, requires the Proctors to record an Agreement and Easement for Installation of a Sewage Holding Tank System with the Charles County Courthouse and to submit an annual contract with a liquid waste hauler to the Charles County Health Department. Within 30 days of receiving an On Site Holding Tank Permit from the Charles County Health Department, the Proctors are required to install a sewage holding tank. The Proctors are also required to provide quarterly reports to the Charles County Health Department detailing the volume of sewage transported offsite for disposal. A penalty of \$4,000 has been assessed for unlawful discharges to waters of the state. The Proctors have 10 days to appeal the order and 30 days to appeal the penalty assessment. **Status:** Case pending. (Reference # AO-02-0259).

For the Record

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

Allegany

AES WARRIOR RUN - 11600 Mexico Farms Road, Southeast, Cumberland, Md. 21502. (001-00203) Air quality part 71 operating permit

COBRA MINING, Barton, Md. (SM-01-437) - Incidental Boundary Revision

GEORGE HARTLEY FARM, AL-1 - 12220 Orleans Road, NE, Little Orleans, Md. 21766. Sewage sludge application on agricultural land

KEN BOWMAN / JULIA MUNCH FARM, AL-8 - 13916 Mann Road, Little Orleans, Md. 21766. Sewage sludge application on agricultural land

MARLIN WHITFIELD FARM, AL-7 - 32105 National Pike, NE, Little Orleans, Md. 21766. Sewage sludge application on agricultural land

MERRITT-ADAMS FUNERAL HOME - 404 Decatur St., Cumberland, Md. 21502. (2002-001-0199) Air quality permit to operate

OIL & GAS MANAGEMENT, INC. - Mt. Pleasant, Pa. (02-OG-0138) Permit for process bifurcated (exploration and production well) located Route 956

PAUL SMITH FARM, AL-6 - 13705 Mann Road, NE, Little Orleans, Md. 21766. Sewage sludge application on agricultural land

ROCKY GAP STATE PARK WWTP - Pleasant Valley Road, Cumberland, Md. 21502. Sewage sludge transportation permit

VIERA MANN FARM, AL-5 - 13603 Mann Road, N.E., Little Orleans, Md. 21766. Sewage sludge application on agricultural land

WESTVACO CORPORATION - 300 Pratt St., Luke, Md. 21540. (2002-001-00011) Air quality part 71 operating permit

WINNER BROTHERS COAL - MIDLOTHIAN (SC-83-110, SM-8-407) - 19430 Lower Consol Road NW, Frostburg, Md. 21532. (2002-OPT-3568) Oil operations permit for above ground storage tank and transportation

ZORA WHITFIELD FARM, AL-3 - 13405 North Orleans Road, Little Orleans, Md. 21766. Sewage sludge application on agricultural land

Anne Arundel

ANNAPOLIS MIDDLE SCHOOL - 1399 Forest Drive, Annapolis, Md. 21403. (TR7322) Air permit to construct for two boilers >10 MMBtu

CENTER OF APPLIED TECHNOLOGY NORTH - 800 Stevenson Road, Severn, Md. 21144. (TR7321) Air permit to construct for one boiler >10 MMBtu

INTERNATIONAL PAPER - ODENTON - 8339 Telegraph Road, Odenton, Md. 21113. (003-00021) Air quality part 71 operating permit

MARYLAND CITY WATER RECLAMATION FACILITY - 462 Brock Bridge Road, Maryland City, Md. 20724. (02DP2393) Major surface municipal discharge permit

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

MAXWELL H. COVINGTON, AA-004 - 3171 Davidsonville Road, Davidsonville, Md. 21035. Sewage sludge application on agricultural land

PATUXENT WATER RECLAMATION FACILITY - 1236 Conway Road, Crofton, Md. 21114. (02DP0132) Major surface municipal discharge permit

WAYSONS MOBILE COURT WWTP - 5th Street, Wayson's Corner, Lothian, Md. 20711. (02DP0566) Surface municipal discharge permit

Baltimore City

1809 BAYARD ST. LLC, 252 Brookline Court, Riva, Md. 21140. Voluntary Cleanup Program application seeking a No Further Requirements Determination as an inculperable person for the 0.80-acre former Waterford Caseworks property located at 1809 Bayard St., Baltimore, Md. 21230

AMPORTS EAST COAST/CHESAPEAKE TERMINAL - 2000 Chesapeake Ave., Baltimore, Md. 21226. (2002-OPT-13227) Oil operations permit for above ground storage tank and transportation

ATOTECH USA, INC. - 1900 Chesapeake Ave., Baltimore, Md. 21226. (TR7308) Air permit to construct for three mixing tanks

BUILDING MATERIALS MANUFACTURING CORPORATION - 1500 South Ponca St., Baltimore, Md. 21224. (2002-510-00071) Air quality permit to operate

CHARLES J. MILLER, INC. - 6500 Block Reisterstown Road, Baltimore, Md. 21215. (TR7302) An air permit to construct for one portable crushing plant

CONSUMERS INSURANCE COMPANY, Metropolitan Financial Center, 601 West First Ave., Department 170000, Spokane, Wa. 99201. Voluntary Cleanup Program application seeking a No Further Requirements Determination as a responsible person for the 0.80-acre former Waterford Caseworks property located at 1809 Bayard St., Baltimore, Md. 21230

FMC CORPORATION - 1701 East Patapsco Ave., Baltimore, Md. 21226. (TR7341) Air permit to construct for modification to carfentrazone recovery operation

GEO SPECIALTY CHEMICALS, INC. - 1920 Benhill Ave., Baltimore, Md. 21226. (TR7301) Air permit to construct for one inorganic chemical manufacturing process; and two scrubbers

GRACE DAVISON - CURTIS BAY - 5500 Chemical Road, Baltimore, Md. 21226. (510-

00076) Air quality part 71 operating permit

HAUSWALD BAKERY /DIVISION OF SCHMIDT - 2816-2822 Edmondson Ave., Baltimore, Md. 21223. (2002-510-00582) Air quality part 71 operating permit

INSL-X PRODUCTS CORPORATION - 601 Haven St., Baltimore, Md. 21224. (TR7345) Air permit to construct for one paint manufacturing plant

JOHNS HOPKINS HOSPITAL - 702 Wolfe St., North, Baltimore, Md. 21205. (2002-510-00001) Air quality part 71 operating permit

JOHNS HOPKINS UNIVERSITY - MADISON ST. - 1800 Madison St., East, Baltimore, Md. 21205. (2002-510-01272) Air quality part 71 operating permit

KAYDON RING & SEAL, INC. - 1600 Wicomico St., Baltimore, Md. 21230. (TR7338) Air permit to construct for two 6,000-gallon aboveground storage tanks

LESAFFRE YEAST CORPORATION - 2100 Van Deman St., Baltimore, Md. 21224. (510-00191) Air quality part 71 operating permit

LOMBARD ST. VENTURE LLC, 1414 Key Highway, Suite G, Baltimore, Md. 21230. Voluntary Cleanup Program application seeking inculperable person status for the 3.25-acre Main Steel property located at 1301 Boyle St., Baltimore, Md. 21230

MILLENNIUM INORGANIC CHEMICALS INC. - HAWKINS PT. - 3901 Fort Armistead Road, Baltimore, Md. 21226. (2002-510-00109) Air quality part 71 operating permit

MILLENNIUM INORGANIC CHEMICALS, INC - 3901 Fort Armistead Road, Baltimore, Md. 21226. (TR7311) An air permit to construct for one lime silo with a baghouse

RABA KISTNER CONSULTANTS, INC. - 3901 Asiatic Ave., Curtis Bay, Md. 21226. (TR7334) Air permit to construct for one soil remediation system

SASOL NORTH AMERICA, INC. - 3441 Fairfield Road, Baltimore, Md. 21226. (510-00100) Air quality part 71 operating permit

Baltimore County

BALTIMORE SUN, THE - 501 North Calvert St., Baltimore, Md. 21278. (TR7333) Air permit to construct for four emergency generators

BETHLEHEM STEEL CORP. - SPARROWS POINT - 5111 North Point Blvd., Sparrows Point, Md. 21219. (005-00147) Air quality part 71 operating permit

DAP PRODUCTS, INC. - 4630 North Point Blvd., Sparrows Point, Md. 21219. (TR7310) Air permit to construct for process line with 2 silos and 2 bag houses

KIRBY W. LEITCH - Woodstock, Md. (94-SP-0457) Renewal application for a surface mine located on the Marriottsville

LAFARGE / IMERYS - TEXAS QUARRY -

10000 Beaver Dam Road, Cockeysville, Md. 21030. (2002-005-00003) Air quality permit to operate

POLYSTYRENE PRODUCTS COMPANY, INC. - 8863 Kelso Drive, Baltimore, Md. 21221. (2002-005-02305) Air quality part 71 operating permit

SCHLUMBERGER SEMA MALCO, INC. - 9800 Reisterstown Road, Owings Mills, Md. 21117. (02DP1806) Surface industrial discharge permit

SCHMIDT BAKING COMPANY - 7801 Fitch Lane, Baltimore, Md. 21236. (2002-005-00236) Air quality part 71 operating permit

THE ARUNDEL CORPORATION - Sparks, Md. (77-SP-0031) Modification application for a surface mine located on Greenspring Road.

Calvert

HOWLIN LAND CLEARING DEBRIS LAND-FILL - 8580 Nursery Road, Lusby, Md. 20657. (2002-WLC-0577) Solid waste landclearing debris landfill permit

SOLOMONS ISLAND WWTP - 500 Sweetwater Road, Lusby, Md. 20657. Sewage sludge transportation permit

TOWN OF CHESAPEAKE BEACH - P. O. Box 400, Chesapeake Beach, Md. 20732. (02-1077) Sewerage permit to extend a force main at the Richfield Wastewater Station in the vicinity of Cox Road and MD 260

Caroline

IMPRESSIVE PRINTING CO., INC. - 21979 Main St., Hillsboro, Md. 21641. (TR7320) Air permit to construct for three non-heatset sheet fed offset lithographic presses

VALPAC, INC. - 1400 Industrial Park Road, Federalsburg, Md. 21632. (TR7316) Air permit to construct for adhesive manufacturing equipment

Carroll

CHARLES J. MILLER, INC. - 2903 Dede Road, Finksburg, Md. 21048. (TR7342) Air permit to construct for one crushing plant

CHILD NURTURING CENTER - 2320 Old Westminster Pike, Finksburg, Md. 21048. (02-1076) Water permit to install facilities for pH and alkalinity adjustment at the existing water treatment plant

LEHIGH PORTLAND CEMENT CO. - UNION BRIDGE - 117 South Main St., Union Bridge, Md. 21791. (2002-013-00012) Air quality part 71 operating permit

PHILIP & RITA BASSLER, CA-23 - 3165 Hyser Road, Taneytown, Md. 21787. Sewage sludge application on agricultural land

Continued on next page

For the Record

Cecil

CARGILL, INC. - 1285 Appleton Road, Elkton, Md. 21921. (TR7309) Air permit to construct for one baghouse

W.L. GORE & ASSOC, INC., ELK MILLS V - 105 Vieve's Way, Elkton, Md. 21921. (TR7312) Air permit to construct for request to be synthetic minor

W.L. GORE & ASSOCIATES, INC. - CHERRY HILL PLANT - 2401 Singerly Road, P.O. Box 1220, Elkton, Md. 21921. (2002-015-00079) Air quality part 71 operating permit

Charles

BENJAMIN S. SWAREY, ACT-4A (FARM-LAND) - 9140 Farmland Place, Charlotte Hall, Md. 20622. Sewage sludge application on agricultural land

BENSVILLE WATER CONSORTIUM - 1568 Spring Hill Road - Suite 401, McLean, Va. 22102. (02-1087) Water permit to extend water main along MD Route to serve Eutaw Forest Subdivision

CHANEY ENTERPRISES LTD - WALDORF - 12360 Acton Lane, Waldorf, Md. 20601. (2002-OPT-4027A) Oil operations permit for above ground storage tank and transportation

HOWLIN CONCRETE, INC. - Dunkirk, Md. (97-SP-0518-A) Renewal application for a surface mine located MD 5

NAVAL SURFACE WARFARE CENTER - 101 Strauss Ave., Indian Head, Md. 20640-5035. (TR7317) An air permit to construct for one Nitramine Intermediates facility

NAVAL SURFACE WARFARE CENTER - INDIAN HEAD - 101 Strauss Ave., Indian Head, Md. 20640. (2002-017-00040) Air quality part 71 operating permit

OAK MOUNTAIN PRODUCTS, LLC - 12620 Crain Highway, Newburg, Md. 20664. (TR7307) Air permit to construct for one synthetic fuel manufacturing facility

RAYE VEST CORPORATION - 10315 Theodore Green Blvd., White Plains, Md. 20695. (2002-OPT-2609) Oil operations permit for above ground storage tank and transportation

ST. CHARLES ASSOCIATES - St. Charles, Md. (90-SP-0366) Renewal application for a surface mine located US Route 301

Frederick

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

CHARLES & DAPHNE MAUGHT, FR-46 - 6401-B Broad Run Road, Jefferson, Md. 21755. Sewage sludge application on agricultural land

DAVID & REBECCA SNELL, FR-160 - Route 194, South Of Woodsboro, Woodsboro, Md. 21793. Sewage sludge application on agricultural land

DEWEY JORDAN, INC. - 6720 Manor Woods

Road, Buckeystown, Md. 21717. (2002-OPT-2280) Oil operations permit for above ground storage tank and transportation

EASTALCO ALUMINUM COMPANY - FREDERICK - 5601 Manor Woods Road, Frederick, Md. 21703. (021-00005) Air quality part 71 operating permit

ESSROC CEMENT CORPORATION - 4120 Buckeystown Pike, Frederick, Md. 21701. (2002-021-00013) Air quality part 70 operating permit

JOHN, ROBERT & MARION DELAUDER, FR-114 - 6113/6239 Broad Run Road, Jefferson, Md. 21755. Sewage sludge application on agricultural land

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

Harford

BEL AIR VETERINARY HOSPITAL - 1501 Tollgate Road, Bel Air, Md. 21014. (2002-025-00225) Air quality permit to operate

CLYDE HALL, HF-9 - 2030 Castleton Road, Darlington, Md. 21034. Sewage sludge application on agricultural land

CONOWINGO HYDRO-ELECTRIC STATION - 2569 Shures Landing Road, Darlington, Md. 21034. (2002-OPT-4365) Oil operations permit for above ground storage tank and transportation

CONVERGENCE CORPORATION - 1654 Robin Circle, Forest Hill, Md. 21050. (TR7318) Air permit to construct for one plastic extrusion sheeting line

CYTEC ENGINEERED MATERIALS, INC. - 1300 Revolution St., Havre De Grace, Md. 21078. Controlled hazardous substance permit for storage

EVELYN R. WALKER FARM, HF-24 - 3712 Aldino Road, Aberdeen, Md. 21001. Sewage sludge application on agricultural land

FRITO LAY, INC. - 800 Hickory Drive, Aberdeen, Md. 21001. (2002-025-00286) Air quality permit to operate

J & J ASSOCIATES, HF-13 - 3135 Whitehall Road, Whitehall, Md. 21161. Sewage sludge application on agricultural land

J. ROBERT TIBBS JR., HF-23 - 3545 Old Level Road, Havre De Grace, Md. 21078. Sewage sludge application on agricultural land

RICHARD & ELLA ENFIELD, HF-8 - 719 Wheeler School Road, Whiteford, Md. 21160. Sewage sludge application on agricultural land

SOD RUN WWTP - 1212 Chelsea Road, Perryman, Md. 21005. Sewage sludge transportation permit

Howard

DSVC RETAIL, LLC, 3333 New Hyde Park Road, New Hyde Park, N.Y. 11042. Voluntary Cleanup Program application seeking a No Further Requirements Determination as a respon-

sible person for the 15.5-acre Dorsey's Search Village Center property, located at 4715, 4725, 4755, 4785 Dorsey Hall Road, Columbia, Md. 21046

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 3430 Court House Drive, Ellicott City, Md. 20763. (02-1092) Sewerage permit to retrofit the biological nitrogen removal process at the Little Patuxent Water reclamation Plant located at Savage

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 3430 Court House Drive, Ellicott City, Md. 20763. (02-1093) Sewerage permit to expand the wastewater treatment process control system at the Little Patuxent Water Reclamation Plant located at Savage

HOWARD COUNTY GENERAL HOSPITAL - 5755 Cedar Lane, Columbia, Md. 21044. (027-00074) Air quality part 71 operating permit

Kent

TGL ENTERPRISES, INC. - 173 Sassafras St., Millington, Md. 21651. (TR7306) Air permit to construct for one cement silo

Montgomery

BIOCORE MEDICAL TECHNOLOGIES, INC. - 11800 Tech Road, Suite 240, Silver Spring, Md. 20904. (TR7344) Air permit to construct for one freeze-drying process

CLARK CONSTRUCTION GROUP, INC., THE - 5301 Tuckerman Lane, North Bethesda, Md. 20852. (TR7336) Air permit to construct for one concrete batch plant

G&C PROPERTIES CORPORATION, 10117 Colesville Road, Silver Spring, Md. 20901. Voluntary Cleanup Program application seeking a No Further Requirements Determination as a responsible person for the 3.25-acre Woodmore Shopping Center property, located at 10117 Colesville Road, Silver Spring, Md. 20901

JBG MONTGOMERY LAND LLC, 5301 Wisconsin Ave., NW, Washington, D.C. 20015-2015. Voluntary Cleanup Program application seeking a No Further Requirements Determination as an inculpable person for the 2.09-acre AT&T/Canada Dry property, located at 1201 East/West Highway, Silver Spring, Md. 20910

Prince George's

A.H. SMITH, JR., PG-137 - 15620 Brandywine Road, Brandywine, Md. 20613. Sewage sludge application on agricultural land

BARDON, INC., PG-7 - 13911 Gibbons Church Road, Brandywine, Md. 20613. Sewage sludge application on marginal land

LINEMARK PRINTING, INC. - 1220 Caraway Court, Suite 1040, Largo, Md. 20774. (TR7319) An air permit to construct for six non-heatset sheet fed offset lithographic press

MIRANT CHALK POINT DEVELOPMENT, LLC - 25100 Chalk Point Road, Aquasco, Md. 20608. (TR7335) Air permit to construct for Certification of Public Convenience & Necessity

NATIONAL WILDLIFE VISITOR CENTER - 10901 Scarlet Tanager Loop, Laurel, Md. 20708. (02DP2831) Surface municipal discharge permit

SANDY HILL MUNICIPAL LANDFILL - 9500 Old Laurel-Bowie Road, Bowie, Md. 20708. (2002-033-01862) Air quality part 71 operating permit

St. Mary's

CONSTRUCTION DEVELOPMENT CORPORATION - 200 E. Mt. Harmony Road, Owings, Md. 20736. (02-1084) Water permit to construct a water treatment plant, one-half mile north on Route 235 of the intersection of MD Route 5 and MD Route 235

EDWARD G. MIDDLETON - Morganza, Md. (92-SP-0419) Renewal application for a surface mine located on Route 242

QUALITY BUILT HOMES, INC. - 5341 Ketch Road, Prince Frederick, Md. 20678. (02-1078) Sewerage permit to construct a wastewater pumping station and a force main along Rue Purchase Road from MD Route 235 easterly one-third of a mile

Talbot

J. C. DODD DISTRIBUTING COMPANY - 7916 Industrial Park Road, Easton, Md. 21601. (02DP3233) Groundwater industrial discharge permit

Washington

FIL-TEC, INC - 12129 Mapleville Road, Smithsburg, Md. 21783. (043-00206) Air quality part 71 operating permit

MARYLAND CORRECTIONAL INSTITUTION - 18601 Roxbury Road, Hagerstown, Md. 21740. Sewage sludge transportation permit

MARYLAND PAPER COMPANY - 16151 Elliott Parkway, Williamsport, Md. 21795. (2002-043-00214) Air quality permit to operate

RDC PROJECTS, LLC, 301 W. Bay St., Suite 800, Jacksonville, Fla. 32202. Voluntary Cleanup Program application seeking a No Further Requirements Determination as a responsible person for the 203.89-acre former Koppers Company property, located at 100 Clair St., Hagerstown, Md. 21740

REDLAND BRICK, INC. - CUSHWA PLANT - 15718 Clear Spring Road, Williamsport, Md. 21795. (2002-043-00003) Air quality part 71 operating permit

SPIRIT SERVICES, INC. - 15801 Lockwood Road, Williamsport, Md. 21795. (2002-OPT-13302) Oil operations permit for above ground storage tank and transportation

ST. JAMES SCHOOL - 17641 College Road, St. James, Md. 21781. (02-1090) Sewerage permit to upgrade wastewater treatment system at St. James School, north of intersection of College Road and MD Route 68

For the Record

ST. LAWRENCE CEMENT COMPANY - 1260 Security Road, Hagerstown, Md. 21742. (TR7328) An air permit to construct for modification to cement kiln

SUN CHEMICAL CORPORATION - 10319 Grumbacker Lane, Williamsport, Md. 21795. (2002-043-00171) Air quality permit to operate

WASHINGTON COUNTY HOSPITAL - 251 East Antietam St., Hagerstown, Md. 21740. (043-00122) Air quality part 71 operating permit

WASHINGTON COUNTY WATER & SEWER DEPARTMENT - 16232 Ellicott Parkway, Williamsport, Md. 21795. (02-1091) Sewerage permit to construct a wastewater pumping station and a force main at Bowman Railway, LLC

Wicomico

PERDUE FARMS INCORPORATED-SALISBURY - 6906 Zion Church Road, Salisbury, Md. 21804. (2002-045-00042) Air quality part 71 operating permit

Worcester

ALUGLASS PACKAGING, INC. - 201 Belt St., Snow Hill, Md. 21863. (047-00019) Air quality part 71 operating permit

CENTEX / TAYLOR LLC - 14121 Parke Long Court - Suite 1, Chantilly, Va. 20151. (02-1085) Sewerage permit to construct wastewater pumping stations and force mains at Riddle Farm in the vicinity of MD Route 707 and MD Route 50

CENTEX / TAYLOR LLC - 14121 Parke Long Court - Suite 1, Chantilly, Va. 20151. (02-1086) Water permit to construct a water treatment plant at Riddle Farm in the vicinity of MD Route 707 and MD Route 50

CYGNET CONSTRUCTION CORP. - Selbyville, Del. (78-SP-0827-B) Renewal application for a surface mine located near Bishopville

OCEAN CITY COLLISION SPECIALIST INC - 11805 Ocean Gateway, Ocean City, Md. 21842. (TR7337) Air permit to construct for one paint spray booth

Out of State

MOUNTAIN VIEW RECLAMATION LAND-FILL-PENNSYLVANIA - 9446 Letzburg Road, Greencastle, Pa. 17225. Sewage sludge transport

Issuances

Allegany

BARTON MINING COMPANY, Barton, Md. (SM-99-432) - Insignificant Modification to Permit

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 CO., INC., Westernport, Md. (SM-93-430) - Insignificant Modification to Permit

G & S COAL COMPANY - MILLER ROAD MINE - Miller Road, Barton, Md. 21521. (01DP3389) Surface industrial discharge permit

JENKINS DEVELOPMENT CO., Lonaconing, Md. (SM-87-411) Increment Issued to Permit

JENKINS DEVELOPMENT CO., Lonaconing, Md. (SM-87-411) Renewal of Permit

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

TRI-STAR MINING, INC., Barton, Md. (SC-87-117) - Renewal of Permit

UNITED ENERGY COAL, INC., Vale Summit, Md. (SM-01-439) - Insignificant Modification to Permit

Anne Arundel

ADMIRAL CLEANERS - 40 McKinsey Road, West, Severna Park, Md. 21146. (003-6-0998 & 0999) Air general permit to construct for one Multimatic & one Multitex dry cleaning machine

BAY COUNTRY RENTALS - 8017 Fort Smallwood Road, Baltimore, Md. 21226. (00MM9749) General permit registration for discharge from ready-mix concrete plant

BITUMAR USA, INC. - 6000 Pennington Ave., Baltimore, Md. 21226. (003-6-0895 M) Air permit to construct for modification to asphalt plant with addition of afterburner

CAMPBELL SAND & GRAVEL COMPANY - 2801 Conway Road, Odenton, Md. 21113. (003-00794) Air quality permit to operate

DANIEL G. SCHUSTER, INC. - Swan Creek Road, Baltimore, Md. 21226. (003-6-0997 N) Air permit to construct for one portable concrete plant

FRANCIS E. GARDINER, III T/A SKINNERS TURN PARTNERSHIP - Crofton, Md. (95-SP-0473-A) Modification for a surface mine permit located Sands Road

MORELAND SONS, INC. - 4400 block Sands Road, Lothian, Md. 20776. (00MM9748) General permit registration for discharge from sand and gravel pit

NORTHROP GRUMMAN SYSTEMS CORP. - BWI - 7323 Aviation Blvd., Linthicum, Md. 21090. (003-00250) Air quality permit to operate

NORTHROP GRUMMAN SYSTEMS CORP. ES - 1212 Winterson Road, Linthicum, Md. 21090. (003-6-0571 M) Air permit to construct for modification to H Module

NORTHROP GRUMMAN SYSTEMS CORP. ES - 1212 Winterson Road, Linthicum, Md. 21090. (003-6-0573 M) Air permit to construct for modification to M Module

RAINBOW CLEANERS & UNIFORM RENTAL - 1801 West St., Annapolis, Md. 21401. (003-00046) Air quality permit to operate

RELIABLE CONTRACTING COMPANY,

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

SKYE ARUNDEL II, LLC - 4940 Campbell Blvd. - Suite 110, Baltimore, Md. 21236. (02-22:23-1043) Sewerage permit to construct a wastewater pumping station and a force main at Resident Inn by Marriott at Arundel Mills Circle, north of Bass Pro Drive, Hanover

Baltimore City

BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS - 900 Abel Wolman Municipal Building, Baltimore, Md. 21202. (02-22-1003) Sewerage permit to rehabilitate the Western Run Interceptor along Western Run Drive between Pimlico Road and Wallis Avenue

BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS - 900 Abel Wolman Municipal Building, Baltimore, Md. 21202. (02-16-1000) Water permit to replace chlorine facilities and improve security system at the Ashburton Water Filtration Plant

BALTIMORE CITY HOUSING AUTHORITY - 633 Aisquith St., Baltimore, Md. 21202. (01DP2919) Surface industrial discharge permit

BURNS PHILP FOOD, INC. - 1900 Brand Ave., Baltimore, Md. 21209. (510-8-0255M) Air permit to construct for one scrubber

CHARLES J. MILLER, INC. - 6500 Block Reisterstown Road, Baltimore, Md. 21215. (510-6-1799 N) Air permit to construct for one portable crushing plant

CHESAPEAKE BIOLOGICAL LABORATORIES, INC., 1111 Paca St., Baltimore, Md. 21230. No Further Requirements Determination issued by the Voluntary Cleanup Program for non-residential use of the 1.5-acre SSI Realty Corporation property, located at 710 W. Ostend St., 730 W. West St., 801-819 W. West St., Baltimore, Md. 21230

CHESAPEAKE TERMINAL - 2000 Chesapeake Ave., Baltimore, Md. 21226. (510-9-0956) Air general permit to construct for one 4,000-gallon gasoline underground storage tank

CONSTELLATION POWER - WESTPORT - 2033 Kloman St., Baltimore, Md. 21230. (2002-OPT-2091) Oil operations permit for above ground storage tank and transportation

DORACON CONTRACTING COMPANY - EAST BIDDLE STREET - 3500 East Biddle St., Baltimore, Md. 21213. (97SW1628) General permit registration for stormwater associated with industrial activity

F. M. STEVENSON COMPANY, INC. - 2409 West Baltimore St., Baltimore, Md. 21223. (97SW1627) General permit registration for stormwater associated with industrial activity

FELLS POINT DEVELOPMENT LLC, c/o Struener Bros. Eccles & Rouse, Inc., 1040 Hull St., Suite 200, Baltimore, MD 21230. No Further Requirements Determination issued by the Voluntary Cleanup Program for non-residential use of the 1.51-acre Constellation - Parcel A property, located at 901 South Bond St., Baltimore, Md. 21231

GRACE DAVISON - 5500 Chemical Road, Baltimore, Md. 21226. (510-7-0951 M) Air per-

mit to construct for modification to Development Center operation

GRACE DAVISON - 5500 Chemical Road, Baltimore, Md. 21226. (510-7-1095 M) Air permit to construct for one baghouse

INSL-X PRODUCTS CORPORATION - 601 South Haven St., Baltimore, Md. 21224. (01DP0538) Surface industrial discharge permit

MILLENNIUM INORGANIC CHEMICALS, INC. - 3901 Fort Armistead Road, Baltimore, Md. 21226. (510-9-0955 N) Air permit to construct for one lime silo with a baghouse

SCHNEIDERREITH & SONS, INC. - 2905 Whittington Ave., Baltimore, Md. 21230. (510-6-1798) Air permit to construct for six non-heatset sheet fed offset lithographic presses

SEABOARD ASPHALT PRODUCTS COMPANY - 3601 Fairfield Road, Baltimore, Md. 21226. (2002-OPT-4422) Oil operations permit for above ground storage tank and transportation

SSI REALTY CORPORATION, 710 W. Ostend St., Baltimore, Md. 21230. No Further Requirements Determination issued by the Voluntary Cleanup Program for non-residential use of the 1.5-acre SSI Realty Corporation property, located at 710 W. Ostend St., 730 W. West St., 801-819 W. West St., Baltimore, Md. 21230

VAC PAC MANUFACTURING COMPANY, INC. - 150 West Ostend St., Baltimore, Md. 21230. (97SW1622) General permit registration for stormwater associated with industrial activity

Baltimore County

7-ELEVEN STORE #33266 - 8235 Perry Hall Blvd., Nottingham, Md. 21236. (005-9-1173) Air general permit to construct for one 10,000 & one 15,000-gallon gasoline underground storage tank

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Ave., Towson, MD 21204. (02-22-1074) Sewerage permit to construct the Red Run Interceptor along Red Run from Delight Meadows Road to Franklin Boulevard

BETHLEHEM STEEL CORP. - SPARROWS POINT - 5111 North Point Blvd., Sparrows Point, Md. 21219. (005-00147) Air quality permit to operate

DAP PRODUCTS, INC. - 4630 North Point Blvd., Sparrows Point, Md. 21219. (005-6-2710) Air permit to construct for process line with 2 silos and 2 baghouses

EARTHSHELL MARYLAND, LLC - 9830 Reisterstown Road, Owings Mills, Md. 21117. (005-6-2697 N) Air permit to construct for modification to container process line

EARTHSHELL MARYLAND, LLC. - 9830 Reisterstown Road, Owings Mills, Md. 21117-4121. (005-02474) Air quality permit to operate

GRAY & SON, INC. - 2401 Stringtown Road, Butler, Md. 21023. (00DP2573) Surface industrial discharge permit

MARYLAND CONCRETE SEPTIC TANK, INC. - 21616 York Road, Maryland Line, Md. 21105. (00MM9742) General permit registration

Continued on next page

For the Record

for discharge from concrete products manufacturer

MARYLAND MILITARY DEPARTMENT - CAMP FRETTERD - Rue Saint Lo Drive & Hanover Pike, Reisterstown, Md. 21136. (01DP3183) Groundwater municipal discharge permit

PIKESVILLE MILITARY RESERVATION - 610 Reisterstown Road, Baltimore, Md. 21208. (005-4-1955) Air general permit to construct for one boiler rated at 8.625 MMBTU

RUCK TOWSON FUNERAL HOME - 1050 York Road, Towson, Md. 21204. (005-01979) Air quality permit to operate

SNYDER CLEANERS - 8229 Liberty Road, Baltimore, MD 21244. (005-6-2714) Air general permit to construct for one Multimatic SL 754 dry cleaning machine

UNITED STATES CAN COMPANY-STEELTIN - 1101 Todds Lane, Baltimore, Md. 21237. (005-6-2699 N) Air permit to construct for 14 punch press machines

UNITED STATES CAN COMPANY-STEELTIN - 1101 Todds Lane, Baltimore, Md. 21237. (005-6-2698 N) Air permit to construct for three end compounders

Caroline

ANNE E. SCHREIBER PROPERTY, CR-103 - 27391 Whiteleysburg Road, Greensboro, Md. 21639. (S-02-05-4866-A) Sewage sludge application on agricultural land

ARTHUR STEWARD, CR-107 - Knife Box and Gregg Roads, Denton, Md. 21629. (S-02-05-4865-A) Sewage sludge application on agricultural land

ED KOUBEK, CR-62 - Harper Road, Federalsburg, Md. 21632. (S-02-05-4291-A) Sewage sludge application on agricultural land

IMPRESSIVE PRINTING CO., INC. - 21979 Main St., Hillsboro, Md. 21641. (011-6-0032) Air permit to construct for three non-heatset sheet fed offset lithographic presses

JAMES HENRY, JR., CR-106 - 25759 Burrsville Road, Denton, Md. 21629. (S-02-05-4864-A) Sewage sludge application on agricultural land

Carroll

ENCHANTED DRY CLEANERS, INC. - 1311 Londontowne Blvd., Eldersburg, Md. 21784. (013-6-0300) Air general permit to construct for one dry cleaning machine

HIGH'S DAIRY STORE #23 - Route. 30 & Route 496, Melrose, Md. 21102. (013-9-0148) Air general permit to construct for two 12,000 & one 6,000-gallon gasoline underground storage tanks

MILLER ASPHALT - WESTMINSTER - 390 Vision Way, Westminster, Md. 21158. (2002-OPT-3548) Oil operations permit for above ground storage tank and transportation

MT. AIRY SNAX - 502 Ridgeville Blvd., East, Mt. Airy, Md. 21771. (023-9-0144) Air general permit to construct for two 15,000 gallon gasoline underground storage tanks

MUDGETT'S AUTO BODY - 2960 Dede Road, Finksburg, Md. 21048. (013-6-0298-N and 013-6-0299-N) Air permit to construct for two paint spray booths

RIVER DOWNS DEVELOPMENT - Lawndale Road, Finksburg, Md. 21048. (02DP3222) Groundwater municipal discharge permit

Cecil

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

CAPTAIN'S QUARTERS FOR PETS - 175 Deaver Road, Elkton, Md. 21921. (01DP3153) Groundwater industrial discharge permit

CHESAPEAKE CITY NORTH WWTP - Biddle Street, Chesapeake City, Md. 21915. (92DP0155) Surface municipal discharge permit

CHESAPEAKE CITY SOUTH WWTP - Charles St., Chesapeake City, Md. 21915. (98DP0143) Surface municipal discharge permit

D.M. STOLTZFUS & SON, INC. - Talmadge, Pa. (77-SP-0065-C) Modification for a surface mine permit located Maryland Route 346

MONTGOMERY, TOM - P. O. Box 707 Rising Sun, Md. 21911. (02-16-1028) Water permit to construct a water treatment plant at Mechanics Valley Business Center, southeast corner of US Route 40 and Mechanics Valley Road

W.L. GORE & ASSOCIATES, INC. - 501 Vieve's Way, Elkton, Md. 21921. (015-6-0134 M) 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. (015-6-0204 N) Air permit to construct for one degreaser

Charles

BENJAMIN SWAREY PROPERTY, ACT-4 (MARGINAL LAND) - 9140 Farmland Place, Charlotte Hall, Md. 20622. (S-02-08-4884-M) Sewage sludge application on marginal land

CARRUTH & SON, INC. - WALDORF - 12711 La Plata Road, Waldorf, Md. 20602. (00MM9745) General permit registration for discharge from ready-mix concrete plant

CHANEY ENTERPRISES LIMITED PARTNERSHIP - Waldorf, Md. (96-SP-0505) Renewal for a surface mine permit located Route 5 in Waldorf

CHARLES COUNTY ASPHALT INC., LLC - 12455 Billingsley Road, Waldorf, Md. 20602. (00MM9747) General permit registration for discharge from asphalt plant

GAINS E. HOPKINS, JR./SAM HILL FARM - 9920 Trinity Church Road, Charlotte Hall, Md. 20622. (S-98-08-4457-A2) Sewage sludge application on agricultural land

HUNTT FUNERAL HOME, INC. - 3035 Old Washington Road, Waldorf, Md. 20601. (017-00059) Air quality permit to operate

Dorchester

HUNTING RIDGE CLOSED RUBBLE LAND-FILL - 6801 East Newmarket-Elwood Road, Hurlock, Md. 21643. (2002-DP-2090) Solid waste groundwater discharge permit for rubble landfill

TOWN OF HURLOCK WATER DISTRIBUTION SYSTEM - Main Street & Poplar, Hurlock, Md. 21643. (00HT9430) General permit registration for discharge from water supply system

Frederick

CITY OF BRUNSWICK - City Hall, 1W. Potomac St., Brunswick, Md. 21716. (02-25-1088) Sewerage permit to construct mechanical bar screen at the Brunswick Wastewater Treatment Plant

EXXON SERVICE STATION RAS #2-7128 - I-70 & Md-27 (Ridge Road), Mt. Airy, Md. 21771. (2002-OGR-6839) General permit for treated groundwater from oil contaminated sources

JOSEPH HOTTEL FARM, FR 37 - 4524 Burkittsville Road, Knoxville, Md. 21758. (S-02-10-4212-A) Sewage sludge application on agricultural land

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

PACEMAKER PRESS, INC. - 6797 Bowman's Crossing, Frederick, Md. 21703. (021-6-0543 N & 021-6-0544 N) Air permit to construct for six printing presses

TRANS-TECH, INC. - 5520 Adamstown Road, Adamstown, Md. 21710. (021-6-0553 N) Air permit to construct for five processes

Garrett

G & S Coal Co., Inc., Kitzmiller, Md. (SM-00-435) - Insignificant Modification to Permit

G & S Coal Co., Inc., Kitzmiller, Md. (SM-00-435) - Insignificant Modification to Permit

G & S Coal Co., Inc., Swanton, Md. (SM-84-365) - Insignificant Modification to Permit

G & S Coal Co., Inc., Swanton, Md. (SM-92-421) - Insignificant Modification to Permit

NORTHERN HIGH & MIDDLE SCHOOL - US 219 North, Accident, Md. 21520. (00DP0831) Surface municipal discharge permit

TRI-STAR MINE # SM-96-429, SM-99-434, OPA-01-18 - Russell Road, Barton, Md. 21521. (00CM9603A) General permit registration for discharge from surface coal mine

Harford

AMOCO STATION #2032 - 804 West Bel Air Ave., Aberdeen, Md. 21001. (2002-OGR-4954) General permit for treated groundwater from oil contaminated sources

CITY OF ABERDEEN DEPARTMENT OF PUBLIC WORKS - 60 North Parke St., Aberdeen, Md. 21001. (02-16-1080) Water permit to

upgrade the clearwell at the Chapel Hill Water Treatment Plant

ENVIRONMENTAL TECHNOLOGIES GROUP - 2202 Lakeside Blvd., Edgewood, Md. 21040. (025-6-0370-N) Air permit to construct for one paint spray booth

HARFORD COUNTY DEPARTMENT OF PUBLIC WORKS - 101 South Main St., Bel Air, MD 21014. (02-16-1083) Water permit to relocate and expand the carbon treatment system at the Perryman Wellfield Plant

MARYLAND ENVIRONMENTAL SERVICE - 2011 Commerce Park Drive, Annapolis, Md. 21030. (02-16-1044) Water permit to construct a water treatment plant at Darlington, in the vicinity of Route 1 and Route 161

WASTE ENERGY PARTNERS LP - 1 Magnolia Road, Joppa, Md. 21085. (PSD-84-01M 2002) Air permit to construct for four municipal waste combustors

Howard

AMOCO SS#5206 - 8810 Washington Blvd., Jessup, Md. 20794. (2002-OGR-5956) General permit for treated groundwater from oil contaminated sources

VINCI STONE PRODUCTS, INC. - Marriottsville, Md. (89-SP-0327-1) Transfer permit for a surface mine from Piccirilli Quarries, Inc. to Vinci Stone Products, Inc. located Marriottsville

Kent

BIGGS FUEL COMPANY, INC. - 100 E. Cross St., Galena, Md. 21635. (2002-OPT-2167) Oil operations permit for above ground storage tank and transportation

VELSICOL CHEMICAL CORPORATION - 10380 Worton Road, Chestertown, Md. 21620. (029-00001) Air quality permit to operate

Montgomery

FORMER TEXACO RETAIL FACILITY - 8501 Georgia Ave., Silver Spring, Md. 20901. (2002-OGR-7236) General permit for treated groundwater from oil contaminated sources

MIRANT - DICKERSON GENERATING STATION - 21200 Martinsburg Road, Dickerson, Md. 20842. (2002-OPT-3134) Oil operations permit for above ground storage tank and transportation

OBA FEDERAL SAVINGS & LOAN - 20300 Goldenrod Lane, Germantown, Md. 20876. (031-5-1276) Air general permit to construct for one boiler < 10 MMBTU

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

Prince George's

BALLPARK MOBIL - 16501 Ballpark Road, Bowie, Md. 20716. (033-9-1125) Air general permit to construct for one 10,000 & one 20,000

Continued on next page

TMDL

Continued from Page 5

initial meeting Feb. 6, presentations by MDE staff members were offered on the water circulation patterns within the harbor, the current status of the nutrients and toxics modeling programs and the integration of the TMDL process with other regional water quality programs. A TMDL establishes the maximum amount of an impairing substance or stressor that a waterbody can assimilate and still meet water quality standards and allocates that load among pollution contributors.

Responding to significant interest in the technical aspects of the modeling component expressed by several members of the advisory group, MDE is organizing a Data and Modeling Subgroup, which will review the watershed and water quality data used as input into the computer simulation models being developed to characterize the harbor and its watershed. The subgroup will also review the technical aspects of the modeling effort and provide comments to MDE. It is expected that model simulation runs will occur later this year and into 2003.

This innovative outreach effort is being undertaken by MDE in order to better inform and involve the Baltimore Harbor community in the state's TMDL program and process, according to Robin Grove, director of MDE's Technical and Regulatory Services Administration.

"This advisory group is an innovative initiative on the part of the department to involve a wide array of stakeholders early on the Harbor TMDL process — to help us gather the best information available, and to better inform and educate everyone about this federal Clean Water Act requirement," Grove said.

The next meeting of the Baltimore Harbor TMDL Stakeholder Advisory Group is scheduled for Sept. 10 at the Mount Washington offices of Piper Marbury.

For more information on the Stakeholder Advisory Group or the Data and Modeling Subgroup, contact MDE's Scott Macomber at 410-631-3077 or smacomber@mde.state.md.us.

BUILDING

Continued from Page 6

• **Green roof** - Montgomery Park will plant grass and shrubs on the roof over the original train shed that houses the indoor food court, auditorium, and health club; additional plantings will be done on an adjacent one-story building. Popular in Europe, green roof design reduces and delays stormwater runoff and prevents the roof from heating up. Specific features of Montgomery Park's green roof include innovative stormwater management controls to reduce runoff while maintaining impervious surfaces; and plants indigenous to Alpine environments to form a dense vegetation mat that will reduce runoff by about 75 percent.

• **Stormwater Collection** - A system of underground drains, tank, and pumps will be used to store stormwater and recharge an 8,000-gallon tank on the 10th

floor used to provide water to flush toilets and provide irrigation. Montgomery Park will also use flushless urinals to conserve water usage.

• **Windows** - Montgomery Park will replace over 60,000 individual panes of glass with three-quarter, thick low-E insulated units that will provide daylight, but block radiant heat and cold. The historic, operable window frames will be retained.

• **Lighting** - An open office layout will maximize ambient light, while sensors will be used throughout to facilitate reducing energy draws when spaces are unoccupied. It is estimated that all of the energy conserving measures combined will reduce energy costs by as much as 50 percent compared to an average office building.

• **Finish Materials** - MDE's leased

space will be fitted with recycled carpet tiles from Milliken, homasote partition panels, ceiling tiles containing recycled materials as part of a panel system that requires fewer tiles than a conventional drop ceiling, and recycled materials in the raised floor panels utilized throughout the space.

• **Recycled site materials** - Montgomery Park recycled or salvaged most of the deconstruction/construction waste. Glass removed from the windows was retained on site then used as a supplement to the asphalt poured in the parking lot.

"MDE is excited about the move to Montgomery Park and looks forward to working with the community to further revitalize the neighborhood," Zaw-Mon added.

For the Record

gallon gasoline underground storage tank

EARL CENTER LUMBER COMPANY - 14616 Old Gunpowder Road, Laurel, Md. 20707. (97SW1621) General permit registration for stormwater associated with industrial activity

LINEMARK PRINTING, INC. - 1220 Caraway Court, Suite 1040, Largo, Md. 20774. (033-6-1151) Air permit to construct for six non-heatset sheet fed offset lithographic presses

THE WASHINGTON POST - 5245 Greenbelt Road, College Park, Md. 20740. (02DP3403) Surface industrial discharge permit

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

Queen Anne's

ANIMAL HEALTH LAB - QUEENSTOWN - 211 Safety Drive, Queenstown, Md. 21617. (035-00025) Air quality permit to operate

CENTERVILLE TOWN COUNCIL - 101 Lawyer's Row, Centerville, Md. 21617. (02-22:25-1079) Sewerage permit to upgrade the Centerville Wastewater Treatment Plant

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

Somerset

J.L. HOWARD & SONS - Westover, Md. (88-SP-0274) Renewal for a surface mine permit located near Princess Anne

RICHARD REYNOLDS - Eden, Md. (00-SP-0570-A) Modification for a surface mine permit located Peggy Neck Road

St. Mary's

CARRUTH & SON, INC. - LEXINGTON PARK - 21353 Sanners Lane, Lexington Park, Md. 20653. (00MM9746) General permit registration for discharge from ready mix con-

crete plant

DAMON'S RESTAURANT - 22201 Three Notch Road, Lexington Park, Md. 20653. (037-8-0009) Air general permit to construct for one Jade JMRH-60B charbroiler

MEADOW LAKE, LLC - 22664 Three Notch Road, Lexington Park, Md. 20653. (02-22:23-1081) Sewerage permit to construct a wastewater pumping station and a force main, west of intersection of Norris Road and Chancellor's Run Road

Talbot

HOG NECK GOLF COURSE - 10029 Ocean Gateway, Easton, Md. 21601. (01DP2713) Groundwater municipal discharge permit

J. MARION BRYAN & SONS, INC. - 9030 Bryan Drive, P.O. Box 1519, Easton, Md. 21601. (2002-OPT-12574) Oil operations permit for above ground storage tank and transportation

LUTHY FARMS - Cambridge, Md. (87-SP-0260) Renewal for a surface mine permit on Route 50

Washington

CRAIG PAVING, INC. - 118 Hump Road, Hagerstown, Md. 21740. (2002-OPT-3088) Oil operations permit for above ground storage tank and transportation

FIL-TEC, INC. - 12129 Mapleville Road, Cavetown, Md. 21720. (043-6-0577 N, 6-0200, 6-0201 & 6-0208 M) Air permit to construct for one infrared/convection oven

KENLEY EXPRESS CLEANERS - 761 Wilson Blvd., East, Hagerstown, Md. 21740. (043-6-0590) Air general permit to construct for one Florenta D345 dry cleaning machine

STATTON FURNITURE MANUFACTURING COMPANY - 504 East First St., Hagerstown, Md. 21740. (01DP2078) Groundwater industrial discharge permit

WASHINGTON COUNTY WATER & SEWER DEPARTMENT - 16232 Ellicott Parkway, Williamsport, Md. 21795. (02-23-1067)

Sewerage permit to construct a wastewater pumping station at the Village Square, west of intersection of MD Route 64 and MD Route 66

Wicomico

POPLAR HILL PRE-RELEASE UNIT - 24000 Block Nanticoke Road, P.O. Box 14, Quantico, Md. 21856. (01DP2250) Groundwater municipal discharge permit

TIGER MART, INC. - 2403 Salisbury Blvd., North, Salisbury, Md. 21801. (045-9-0122) Air general permit to construct for two 20,000 gallon gasoline underground storage tanks

TPH INDUSTRIES - EASTERN SHORE - 23655 Roy Oak Road, Quantico, Md. 21856. (2002-OGR-4953) General permit for treated groundwater from oil contaminated sources

TPH INDUSTRIES - EASTERN SHORE - 23655 Roy Oak Road, Quantico, Md. 21856. (2002-OPT-4953) Oil operations permit for above ground storage tank and transportation

U.S. FILTER RECOVERY SERVICES - NAYLOR MILL - 702 Naylor Mill Road, Salisbury, Md. 21801. (2002-OPT-4955) Oil operations permit for above ground storage tank and transportation

Worcester

ALUGLASS PACKAGING, INC. - 201 Belt St., Snow Hill, Md. 21863. (047-00019) Air quality permit to operate

CENTEX / TAYLOR, LLC - 14121 Parke Long Court, Chantilly, Va. 20151. (02-25-1082) Sewerage permit to construct a wastewater treatment plant and a spray irrigation system at Riddle Farm, in the vicinity of Route 50 and Route 707

**Not included in this listing are approximately 17 registrations under MDE's new general discharge permit for swimming pools and spas. Also not listed are 12 renewed and 3 new registrations under MDE's general discharge permit for marinas. For more information about these facilities, please contact the Environmental Permits Service Center at (410) 631-3772.

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