

MDEnvironment

Maryland Department of the Environment

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Biodiesel tests show promise

By Keith Boegner

In the alternative fuels race, biodiesel is showing a lot of potential. It has many environmental benefits, will be cost competitive with petroleum diesel and is the least cost option when compared to other alternative fuels. With characteristics like these, biodiesel may help keep Maryland's air clean.

Biodiesel is a natural motor fuel alternative produced from renewable resources such as vegetable oils (methyl soyate from soybean oil) or animal fats. Pure biodiesel (B100) is called "neat fuel" and has the highest British thermal unit (BTU) content of all alternative fuels. In its pure form, it contains no petroleum, but B100 can be blended at varying concentrations with petroleum diesel to create a biodiesel blend. Usually, a blend of 20 percent biodiesel and 80 percent regular petroleum diesel fuel are mixed and is referred to as B20. Increased use of fuels such as B20 can help reduce air pollution and dependence on imports of foreign petroleum. Biodiesel is safer for the environment, is biodegradable and produces significantly less air pollution than petroleum diesel fuel. Since biodiesel is domestically produced from vegetable oil or animal fats, it is readily available, simple to use and is a domestic renewable resource.

Where is biodiesel being used?

The United States Department of Agri-

See **BIODIESEL**, Page 5

Listen up... Sound analyst earns top employee honors

By Richard McIntire

Only one man in the state of Maryland can literally claim to have heard everything. That's because as an environmental enforcement inspector specializing in sound with Maryland's Department of the Environment (MDE), David A. Jarinko is at the center of most major noise complaints and investigations in the state.

Until recently, Jarinko's work and career had gone along quietly. But at the end of July that all changed, when MDE named him the department's 1999 Employee of the Year.

In a personal letter to Jarinko announcing his achievement, MDE Secretary Jane T. Nishida wrote, "You are recognized as a leader and a valuable employee among your peers in providing quality customer services, for being innovative and knowledgeable about your job and for being a team player. Your outstanding work and loyalty are invaluable to the department and the citizens of Maryland."

Jarinko, 57, humbly accepts the honor and adds, "if you take away the paperwork this is really a fun, fun job."

It almost seems odd that a somewhat quiet man like Jarinko would end up in the sound examination business. Jarinko had spent 20 years with a large industrial chemical processing com-



PHOTO BY RICHARD MCINTIRE

Dave A. Jarinko, with a real-time sound level analyzer in hand, is the Maryland Department of the Environment's 1999 Employee of the Year.

pany, then came to the department in 1994. "The department gave me the opportunity to build something new and pursue this," he said. "It just sounded interesting. The sound program had almost died and collapsed in the '80s."

Much to Jarinko's credit, Maryland is a leader in noise abatement, control and enforcement. Only California, New York, Minnesota, Illinois, and New Jersey, on a limited basis, have similar programs. "Maryland probably has the strongest sound level statewide requirements of anybody in the country,"

he said proudly.

Maryland's Control of Noise Pollution statutes set a maximum 65 decibel daytime limit and 55 decibels at night. To explain decibel ranges, Jarinko said downtown Baltimore during midday can exceed 65 decibels. In a rural setting, background noise may be detected in the 30 decibel range. A trash truck shaking a metal dumpster can produce 85 to 90 decibels, which is comparable to a gunshot blast. "It's a very energetic sound.

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Learn how to fight mosquitos--Page 7



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

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 Regulatory Services Administration

Don Mauldin, Administrative Specialist,
 Waste Management Administration

Barbara Rodgers, Division Chief,
 Administrative & Employee Services

Pat Coll, Management Associate,
 Administrative & Employee Services

Contributing Writers:

Pat Coll, AESA Karen Eason, TARSA
 John Mitchell, OS Regina Rochez, WAS
 Diane Shaw, OS Chris Lockett, TARSA
 Keith Boegner, ARMA

For the Record Section

Meetings and Hearings Calendar

Joane Mueller, Production Coord.

Contributors:

Gail Castleman, WAS Ta-shon Yu, WMA
 Lorrie Del Pizzo, TARSA Jim Metz, WAS
 Bob Maddox, ARMA Sheila Franklin, WMA
 Rick Trickett, WMA Jeanette Wolfe, ARMA
 Melody Thrower, WMA

Enforcement & Compliance Notes

Bernard Penner, Office of the Secretary

Contributors:

Angelo Bianca, ARMA
 Frank Courtright, ARMA
 Frank Whitehead, ARMA
 Regina Rochez, WAS
 Jack Bowen, WMA

Send comments or inquiries to:

MDEnvironment
 Richard J. McIntire, Managing Editor
 2500 Broening Highway
 Baltimore MD 21224
 rmcintire@mde.state.md.us
 (410) 631-3012

MDE launches Thai air quality initiative

By John Mitchell

This past May, the Maryland Department of the Environment (MDE) and the Thai Pollution Control Department (PCD) were informed by the Council of State Governments' (CSG) that their grant proposal, "Building the Capacity of Thai Federal and Local Air Quality Agencies," had been selected under the CSG State Environmental Initiative program.

Established in 1994, the state environmental initiative is administered by CSG's Center for Leadership, Innovation and Policy for the United States-Asia Environmental Partnership. Sponsored by the United States Agency for International Development (USAID), the United States-Asia Environmental Partnership (USAEP) mobilizes U.S. environmental experience, technology and practices to promote the development and adoption of less polluting and more resource efficient products, processes and services in the Asia-Pacific region.

MDE and PCD officially launched the Chiang Mai Air Quality Management Initiative in Chiang Mai, Thailand on July 12.



MDE and PCD joined together to increase the capacity of Thai environmental staff

to protect and manage the environment and to improve the air quality of Thailand. On-
See THAI, Page 5

Effort begins to reduce exotic species in Maryland waters

By Karen Eason, Chris Lockett, and Diane Shaw

In recent years, concern has been raised at international, national, and local levels regarding the introduction of invasive non-indigenous aquatic species through the exchange of shipping vessel ballast water. Such species can have significant ecological and economic impacts in their new environments, as evidenced by the Zebra Mussel in the Great Lakes region of the midwest.

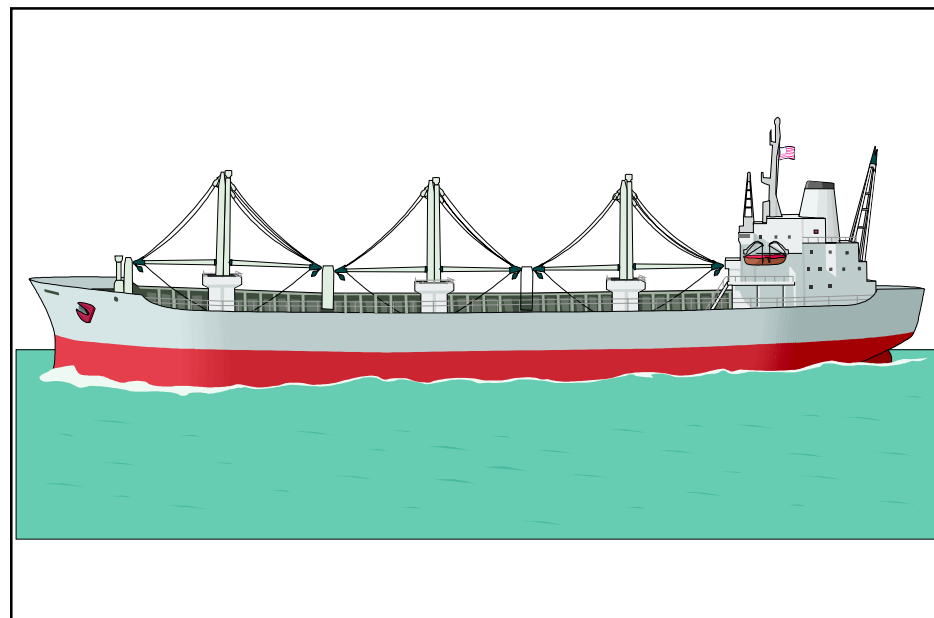
Currently, ships entering the United States Exclusive Economic Zone (EEZ) are required by the United States Coast Guard [under the National Invasive Species Act of 1996 or NISA] to submit a ballast water reporting form detailing their ballast water management activities. NISA also requests that all ships arriving at U.S. ports from outside the EEZ follow voluntary ballast water exchange guidelines in an effort to reduce the transfer of non-indigenous species to U.S. waters.

In the Chesapeake Bay region, concerns over the introduction of non-indigenous aquatic species are echoed in the recently signed Chesapeake Bay 2000 agreement. This agreement includes goals for a Chesapeake Bay Task Force (to be founded this year) to cooperate with federal, state, commercial and environmental interests and help establish/implement a national program which will reduce and/or eliminate

the introduction of non-native species via ballast water. It also calls for the task force to develop and implement an interim voluntary ballast water management program for the Bay and its tributaries by 2002.

Concerns over introduced aquatic species at a state level led to Maryland's General Assembly passing House Bill 1305 last session. The legislation requires the Maryland Department of the Environment (MDE) to adopt by regulation federal and

state guidelines for a voluntary ballast water management program for vessels entering Maryland waters. In addition, the new law requires MDE to adopt regulations for mandatory reporting of ballast water management practices for all commercial vessels of 300 gross tons or more. The law establishes penalties of up to \$500 for failure to complete and return required forms, and up to \$5,000 and one year of
See WATER, Page 7



Large commercial vessels, like the one depicted above, will have to file ballast water reports as a requirement to entering the Chesapeake Bay and its ports under a law passed by the General Assembly earlier this year.

Luncheon seminar, expo to highlight P2 cost reduction

Celebrate National Pollution Prevention (P2) Week, September 18-24 learning how to benefit both your business and the environment.

Business owners, managers, contractors, and others interested in doing their part to create a cleaner and healthier environment are invited to attend a lunchtime program to learn how area companies have successfully adopted money-saving pollution prevention strategies.

Energy efficiency, sustainable business landscapes, and pollution prevention planning have resulted in cost savings for area companies including McNeil Consumer Healthcare, Sweetheart Cup and Constellation Energy Group.

Hear proven success stories about how to adopt their strategies at a Sept. 22 luncheon seminar and expo at the Best Western Hotel and Conference Center, 5625 O'Donnell Street in Baltimore, from 11 a.m. to 2:30 p.m. The \$30 per person cost includes lunch and materials.

Talk with P2 experts about how to implement strategies for cost reduction through pollution prevention. Identify tax incentives and funding opportunities. Find out about the existing services and technical support available to businesses. Receive a new guidebook highlighting nearly 50 P2 strategies.

Expo participants include: the Alliance for the Chesapeake Bay, Baltimore County Economic Development, Baltimore County Department of Environmental Protection and Resource Management, Businesses for the Bay, Maryland Department of the Environment, Maryland Department of Natural Resources—Green Buildings Program, Maryland Energy Administration, Maryland Transit Authority, U.S. EPA Region 3 Small Business Assistance Center, University of Maryland Technology Extension Service, and private environmental service providers.

Reduce waste, prevent pollution, save money and benefit the environment. To learn more about the program and to register to attend, please call the Eastern Baltimore Area Chamber of Commerce at (410) 282-9100.

Governor appoints oil spill advisory committee chairs

Prompted by the April pipeline break at Pepco's Chalk Point Power Plant that sent 126,000 gallons of oil spilling into Swanson Creek Marsh and the Patuxent River, Governor Parris N. Glendening has appointed former State Sen. Bernie Fowler and Maryland Department of the Environment Secretary Jane T. Nishida as chairs of two advisory committees formed to assist with the State's recovery from that incident and to recommend ways to improve oil transport safety and spill response in Maryland.

Fowler, of Calvert County, will serve as chair of the Patuxent River Oil Spill Citizens Advisory Committee, while Nishida will chair the Oil Spill Prevention Advisory Committee. Committee members are in the process of being appointed.

"The Pepco Chalk Point oil spill dramatically illustrated the fragile nature of our wetlands, streams and rivers and the unique vulnerability of the Chesapeake Bay," said Governor Glendening. "We must make sure that we not only continue to make progress in recovering from the oil spill at Chalk Point, but that we also ensure that we are doing everything in our control to prevent such a disaster from happening in the future."

"The Chesapeake Bay Foundation is pleased that the Glendening Administration is providing a forum for addressing this important issue for the Bay

and all Marylanders, said Theresa Pierno, Maryland executive director of the Chesapeake Bay Foundation. "We have seen that the Bay is particularly susceptible to incidents related to oil transport and storage due to its shallow depths and minimal flushing action. We have a responsibility to insure that every precaution is being taken to protect the Bay."

The Governor has directed the Oil Spill Prevention Advisory Committee to evaluate the adequacy and effectiveness of the programs, standards and resources devoted to oil spill prevention and response for protecting the Chesapeake Bay and the state's other natural resources. The panel will include representatives of government, the oil transport and utility industries, emergency response and environmental organizations, the scientific community and the general public.

The committee will review and analyze the adequacy of State and federal policy, laws and regulations pertaining to oil transport and spill response. It also will assess the adequacy of oil spill emergency response plans and private contractor support for prevention and response to oil spills. The committee is to recommend to the Governor by December 31, 2000, options for addressing any issues, concerns or problems that surface during the review process.

"It is important that we review all



PHOTOS BY RICHARD MCINTIRE

All bogged down

In an effort to raise awareness about the preservation, benefits and creation of bogs, a special type of wetland, Maryland Department of the Environment staffers Robert and Judy Cole teamed with Keith Underwood, an Anne Arundel County landscaper who specializes in wetland projects, to create a bog at the recent Maryland Association of Counties summer convention. Sedge, pine, Venus fly traps, greenhouse grown non-native species of pitcher plants, giant cane, magnolia, marsh fern, and other plants were used to create the bog. Clockwise from the top, Judy Cole and Lockwood flank their finished work; the duo arranges the plants; and Cole unwraps a variety of pitcher plants, which are carnivorous. Bogs, an uncommon type of permanently saturated non-tidal wetland, often contain rare and endangered plants. Like many wetlands, bogs are threatened by growth and changes in the environment. Man-made bog projects can be created solely for their diverse beauty or as educational tools.

policies and procedures to ensure that incidents like these cannot possibly happen again," said Secretary Nishida. "I don't pretend that we have an easy task ahead of us, but it is imperative that oil transport and emergency response plans are effective in protecting our vital resources."

The Patuxent River Oil Spill Citizens Advisory Committee is charged with assisting the state in its efforts to achieve a successful cleanup, restoration and mitigation of the areas affected by the spill, and submitting a final report to the Governor by June 30, 2002. The committee will be comprised of members

representing government, environmental, business, scientific and community organizations, watermen, recreational fishermen, boaters and the general public.

"I am honored to have been selected to chair this committee," said former Senator Fowler.

"I have had a long-standing affection for the Patuxent River, and the formation of this committee coincides with my hopes that a group would come together to look at the situation and evaluate the long-term damage that may have been caused. We have real challenges ahead."

The Maryland departments of
See CHAIRS, Page 12

MDE reduces threat to public health from hazardous materials

By Regina Rochez

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

What is the goal?

Under federal and state laws and regulations, MDE is charged with protecting public health from the adverse effects of exposure to hazardous substances and adverse community noise pollution in the environment.

The key areas of emphasis for meeting this goal include:

- (1) lead poisoning prevention;
- (2) environmental restoration;
- (3) hazardous waste permitting and enforcement, and hazardous waste minimization;
- (4) emergency response to hazardous materials spills and accidents;
- (5) Emergency Planning and Community Right to Know and Maryland Right to Know;
- (6) health and ecological risk assessment; and
- (7) noise control

Challenges, strategies and action plans

Lead Poisoning Prevention

Childhood lead poisoning is a critical environmental health challenge in Maryland. Ninety-five percent of housing units in Maryland built before 1950 contain lead paint. Lead poisoning prevention is necessary to prevent developmental and behavior problems and learning disabilities in children. There are major initiatives at both the state and federal levels to reduce the incidence of lead poisoning in children. Since 1984, Maryland has developed a strong, diverse infrastructure to respond to this complex issue. MDE's components focus on prevention, early intervention, and enforcement.

Under Governor Glendening's January 2000 Lead Initiative, the enforcement component will be more than doubled in fiscal year 2001. Five additional inspectors, two attorneys, and two technical support staff have been authorized and will more than double the current staff for enforcement. These new enforcement efforts are being coordinated with the Baltimore City Health Department, U.S. Department of Justice, and the U.S. Environmental Protection Agency (EPA). Additionally, the lead initiative includes \$500,000 per year for three years for additional lead paint poisoning

enforcement in Baltimore City. In fiscal year 2001, the Lead Poisoning Prevention Program plans to reduce the percentage of lead poisoning by 10 percent, which will be accomplished through increased prevention, early intervention, and enforcement.

Environmental Restoration

Contamination from toxic substances can degrade the environment, contaminate drinking water, and reduce availability of our natural resources. MDE seeks to eliminate threats to public health from exposure to soils, groundwater, and surface waters contaminated by hazardous waste and other substances. Maryland's rich industrial history has resulted in a significant number of properties where investigation and/or cleanup of contamination are necessary to ensure the public's health is protected. Cleanup of these properties also has secondary positive impacts, including supporting Maryland's 'Smart Growth' Initiative by revitalizing formerly used properties, removing blighted properties from community landscapes, increasing the tax base, and, in some cases, supporting economic development efforts.

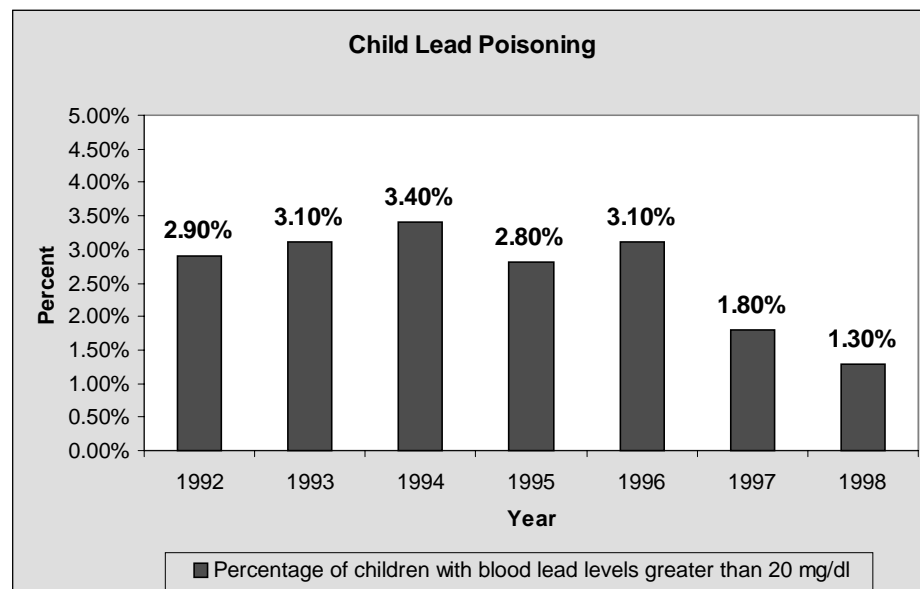
Consistent with federal guidelines under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and State Superfund Law, MDE initiates and oversees the assessment and cleanup of hazardous waste sites where releases have occurred. MDE participates as a partner with EPA in decision-making at all phases of environmental investigations and in overseeing hazardous waste cleanups at National Priority List (NPL) sites and federal facilities. MDE also oversees cleanups at State Superfund sites.

MDE's Environmental Restoration Program focuses on:

- Conducting preliminary assessments and environmental site investigations to identify sites that may be contaminated by hazardous waste and prioritize sites for cleanup;
- Providing sole oversight for cleanups at 34 State Superfund sites; and
- Participating in decision-making with EPA, the U.S. Department of Defense, and responsible parties at all phases of environmental investigations; and
- Overseeing cleanups at NPL sites and federal facilities.

Hazardous Waste--

MDE regulates the management of hazardous waste in Maryland. Failure to regulate and track the generation, transportation, and disposal of hazardous wastes could result in improper management and illegal disposal of these substances, and therefore, increase risk or harm to the public and environment. The state's hazardous waste regulations have established a comprehensive management program that regulates all aspects of hazardous waste handling, including gen-



The chart above references children in Maryland according to information recorded in the state's Childhood Lead Registry.

eration, transport, treatment, storage and disposal. This program is preventive in nature and is designed to eliminate the release of hazardous waste to the environment and achieve a continual decrease in the aggregate amount of hazardous waste generated per year. If such releases occur, cleanup is compelled. Waste minimization industry visits are conducted to promote implementation of pollution prevention technologies.

MDE's Hazardous Waste Program will focus on:

- Inspection and enforcement activities for treatment, storage, and disposal facilities, generators, and transporters by considering volume, toxicity, and potential human health and ecological risks from exposure to hazardous wastes;
- Initiating timely and appropriate civil and criminal enforcement actions and employing additional innovative enforcement tools - such as Supplemental Environmental Projects, where possible;
- Emphasizing pollution prevention and waste minimization outreach to the regulated community;
- Supporting EPA's efforts in multi-media enforcement, environmental justice, Chesapeake Bay initiatives; and
- Developing on-line Geographical Information System capability in order to identify sites that may have priority impacts on sensitive ecosystems within the Bay watershed.

Emergency Response--

MDE responds to emergencies to minimize risks to human health and the environment resulting from accidents and deliberate actions causing the release of hazardous substances to the air, water or land from fixed facilities, rail, waterway, and truck transportation routes.

MDE's Emergency Response Program strategies include:

- Responding to emergency situations quickly and effectively;

- Continuing outreach and education as a major part of spill prevention; and

- Coordinating, planning, and training activities with other state, local and private industry emergency response organizations and hazardous materials units to ensure that Maryland has the capacity to respond to emergencies to minimize risks to human health and the environment.

Noise Control--

Although excessive noise levels are not a "hazardous material," noise from human activities can have a significant adverse effect on the public health, the general welfare, and property. The law requires that MDE develop and enforce environmental noise standards and coordinate and provide technical assistance to noise control programs in other state and local agencies. MDE staff respond to noise complaints and take measurements and issue notices of violation as required on a complaint driven basis where noise issues have not been satisfactorily handled at the local level. In most cases, by providing education, mediation, and technical assistance, MDE is able to obtain resolution of complaints without administrative penalties or legal action in 95 percent of cases.

MDE's Noise Control Program will:

- Continue to provide complainants with prompt and courteous service;
- Increase outreach efforts with local governments;
- Shift a greater portion of the program specialist's time to training and technical assistance, rather than direct field investigations, if the outreach project is effective; and
- Convene a Noise Advisory Council.

These MDE programs are designed to reduce the threats to public health from the presence of hazardous waste and hazardous materials in the environment. To ensure that the goal is met, the department continues to seek adequate and sustained federal and state funding resources.

THAI Continued from Page 2

hand to participate in the opening ceremony was U.S. Ambassador to Thailand Richard E. Hecklinger, MDE Secretary Jane T. Nishida, Thailand's Deputy Permanent Secretary of Science, Technology, and the Environment Chalerm Sak Wanichsombat, Chiang Mai Mayor Pakorn Buranupakorn and Chiang Mai Deputy Mayor Boonlert Buranupakorn. Ann Marie DeBiase, director of MDE's Air and Radiation Administration, accompanied the secretary on the mission.

Building on a strong Maryland/Thailand relationship to protect the environment that has been established over several years of exchanges, this project is the beginning of an 18-month long initiative by the environmental partners to build and improve federal and local technical and air quality planning capacity. In addition, MDE and PCD will work together with environmental staff from the Chiang Mai Municipality to develop an air quality management plan for Chiang Mai which will hopefully serve as a model that can be replicated throughout the country. The initiative will also accelerate the process of delegating responsibility for air quality management from the Thai federal government to its provinces and municipalities as part of the effort to decentralize the federal government and give local governments the responsibility and the opportunity to manage local issues.

Chiang Mai, the second largest city in Thailand, was founded in the thirteenth century and is the cultural and economic center of northern Thailand. The city comes second after Bangkok both in terms of air pollution and the capability to develop and implement plans to improve air quality. This air quality management ini-

tiative will provide a formal mechanism for the PCD to provide technical support at the local level and expose Thai environmental staff to Maryland's regulatory and environmental experience and environmental technologies.

In addition to air quality seminars and hands-on workshops that will be held in Thailand, the Chiang Mai Air Quality Management Initiative will involve numerous visits of Thai environmental staff to Maryland for training in focussed air quality areas. Site visits to Maryland companies who use the latest technology to protect the environment will also take place. Maryland companies have a strong capability in air pollution, and a key focus will be on businesses involved with continuous monitoring systems, vehicle testing laboratories, new technology in instrumentation and control technology, and training on proper maintenance of existing equipment.

At the end of the opening ceremony, MDE Secretary Jane Nishida presented Chiang Mai Deputy Mayor Boonlert Buranupakorn with a proclamation from Maryland Governor Parris N. Glendening declaring the week of July 10 - 14 "Chiang Mai Air Quality Management Initiative Week," and was presented with a gift to commemorate the occasion.

Following the opening ceremony, staff from MDE, PCD, and Chiang Mai Municipality met for two days to participate in presentations and discussions on numerous issues, including:

- Thai federal air quality management programs, air pollution problems and challenges in Chiang Mai,
- The role of the federal and state governments in air quality management in

BIODIESEL Continued from Page 1

culture (USDA), Beltsville Agricultural Research Center (BARC), located in Prince George's County Maryland, began testing the biodiesel blend on August 2, 1999. To date 64 vehicles at the research center use the B20 fuel blend. These vehicles include pickup trucks, the BARC tour bus, tractors, ride-on lawn mowers, and the compost turner. The project is monitoring miles per gallon, engine wear, and quality of the B20.

Many European countries and the United States are now seeing the positive aspects of biodiesel. Fleets in the U.S. that have switched to B20 include: the Ohio Department of Transportation, U.S. Postal Service, the U.S. General Services Administration, and Alabama Power.

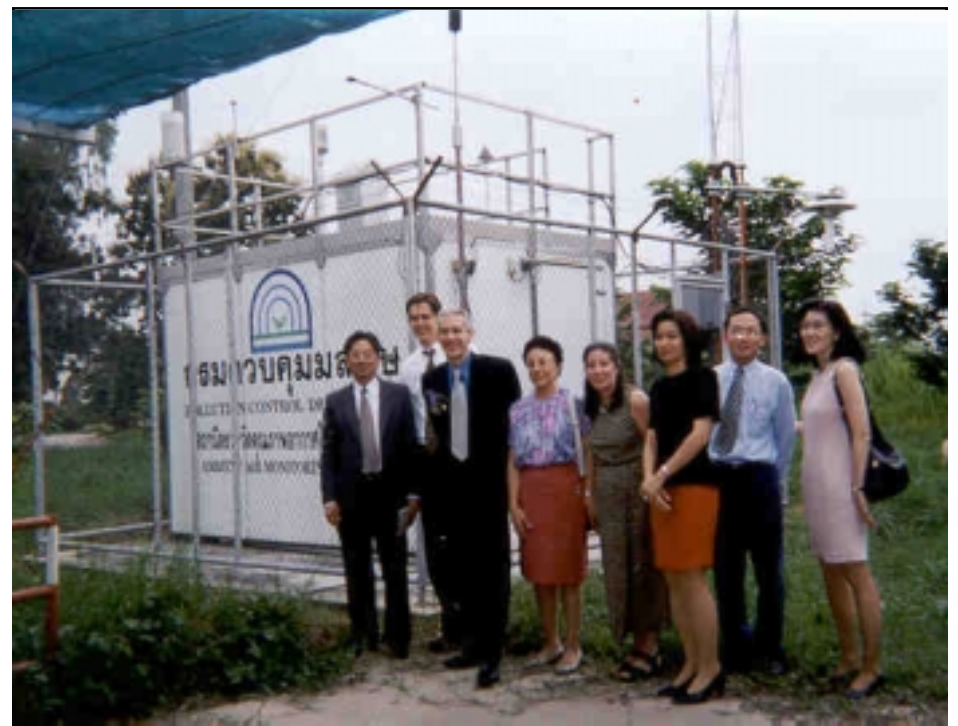
How is B20 blended?

Facilities can either blend their own B20 in existing tanks or buy it already mixed. The BARC facility mixes B20 by buying government diesel fuel and mixing it with methyl soyate.

On average, B20 costs about 25 cents more per gallon than petroleum diesel. Although B20 costs more than petroleum diesel, the price gap continues to narrow. Independent studies performed by the Congressional Budget Office, USDA and others have confirmed that B20 is cost competitive with other alternative fuels (e.g., compressed natural gas, solar, electric) and in many cases represents the least cost option for alternative fuel users.

Biodiesel's benefits

Biodiesel is attractive because no expensive conversions of engines or modifications to refueling facilities are required. The increased solvent properties of B20 require that filters be checked frequently, particularly at the onset of conversion, to avoid clogging from dislocation of existing deposits. To date, B20 has demonstrated similar fuel consumption characteristics, horsepower, and torque, as petroleum diesel fuel, while reducing certain emissions by more than 20 percent.



In addition to the in-office discussions, the USAEP group visited Chiang Mai's air monitoring stations, including a mobile station located along the Chiang Mai's old city wall. MDE Secretary Jane T. Nishida is on the right and Ann Marie DeBiase, director of MDE's Air and Radiation Administration, is fourth from the left.

the U.S.,

- Maryland's air quality management program and state implementation plan; Maryland's experience on the steps needed for a local government to develop an air quality action plan, and grant expectations/opportunities.

The next steps in the implementation of

the grant will be a one week study visit this October in Maryland, for senior staff from Chiang Mai and Bangkok, that will focus on how federal/state air quality delegation works in the U.S. and Maryland. A review of all of Maryland's air quality management activities will be part of that study visit as well.

Governor announces incentives for farmers

Working together to increase enrollment in one of the nation's most aggressive water quality and wildlife habitat restoration efforts, Governor Parris N. Glendening and Farm Service Agency (FSA) Administrator Keith Kelly joined state and local conservation leaders to announce enhanced

incentives for farmers considering the Conservation Reserve Enhancement Program (CREP). Under the CREP program, farmers are reimbursed for removing environmentally sensitive farmland from production and landowners are provided funding

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What emissions are reduced?

U.S. Environmental Protection Agency (EPA) studies show that B20 fuel reduces harmful gas emissions. Replacing petroleum diesel with B20 will reduce carbon dioxide emissions by 16 percent. Carbon dioxide emissions are a major contributor to global warming. B20 will also reduce carbon monoxide by 20 percent, particulate matter by 22 percent, and sulfates by 20 percent. These three pollutants pose health risks in certain areas of the United States, and are targeted by the U.S. EPA for reduction. In addition, B20 reduces unburned hydrocarbons by 7 percent. Tailpipe emissions of unburned hydrocarbons help create smog and ozone. B20 also reduces levels of two compounds identified as potential carcinogens-PAHs (polycyclic aromatic hydrocarbons) by 13 percent and nPAHs (nitrated PAH) by 50 percent. Biodiesel is the only alternative fuel to have successfully completed the Health Effects Testing Requirements of the Clean Air Act Amendments of 1990.

The disadvantages

The drawback to biodiesel is nitrogen oxide (NOx) emissions. Different engines produce different amounts of NOx. NOx emissions (a contributing factor in the localized formation of smog and ozone) from pure B100 increased in some engines by 13 percent. However, B100's lack of sulfur allows the use of NOx control technologies that cannot be used with petroleum diesel. In the future these technologies may be applied to reduce the emissions of NOx.

Although B20 is not readily available to diesel cars and trucks, it is available in some of Maryland's marinas. Marinas market B20 because it dissolves 50 percent faster in water than petroleum diesel fuel. This quality helps to protect sensitive environmental areas and keep waterways cleaner.

For more information contact The National Biodiesel Board (NBB) which will provide a list of registered fuel marketers. The NBB can be reached at (800) 841-5849 or via e-mail at info@nbb.org.



Enforcement & Compliance Notes

Air & Radiation Management Administration

July 14 - August 14

Schnabel Engineering Associates - Montgomery County

On July 17, MDE received a penalty payment of \$8,050 from Schnabel Engineering for violations of Maryland's radiation control regulations. The company failed to maintain proper surveillance and control over moisture/density gauges containing radiation sources in use at a construction site. The company also violated training and documentation requirements regarding the use of these gauges.

Status: Cased closed (Reference number MD-31-117-01).

Martel Laboratories - Baltimore County

On July 19, MDE received a penalty payment of \$2000 from Martel Laboratories for failure to request authorization from MDE for nuclear gauge users to be listed on their radioactive materials license. Martel also failed to conduct radiation surveys, to maintain personnel monitoring and leak test records, to post a radiation sign on a storage door, and to possess a copy of the Maryland Radiation Regulations.

Status: Case closed (Reference number (MD-05-061-01).

Baughers Farm - Carroll County

On July 21, MDE issued a Corrective Order to Allen and Marjorie Baugher to address air quality violations stemming from an unauthorized open fire on the farm. The farm was cited for failure to obtain an open burning permit from the Carroll County control officer prior to initiating the open fire, creating air pollution and a nuisance, and burning of prohibited materials which produce dense smoke when burned. The Order requires the facility to cease open burning of commercial refuse, and to provide a compliance plan to prevent future violations.

Status: Baugher's has 10 days to appeal the Corrective Order. (Reference # 00-04-03)

Lenderking Metal Products - Anne Arundel County

On July 21, MDE issued a Corrective Order to this metal products manufacturing facility for failure to obtain an

air quality construction permit. The Corrective Order requires that the Company cease operation and apply for a construction permit. This action is part of a multi-media case that MDE is pursuing against Lenderking. MDE is also pursuing action for violations of Maryland's hazardous waste regulations.

Status: Lenderking has 10 days to appeal the Corrective Order. (Reference # 00-06-02)

Red Star Yeast - Baltimore City

Under the terms of a previously signed Consent Order, MDE has received payment of a \$40,000 penalty from Red Star Yeast for violating air quality requirements that resulted in excess emissions of sulfur oxides to the atmosphere. The Order also requires that the Company implement corrective measures to achieve compliance. These measures are about 90% complete with an anticipated implementation date of the first week in October.

Status: Case Closed. (Reference # 24-5-1175M)

Waste Management Administration

July 15 - August 15, 2000

Lead Program Enforcement

A total of \$68,080 in penalties was assessed for lead violations in Baltimore City, Allegany, Baltimore and Dorchester Counties. \$35,730 in penalties was assessed against three property owners for failure to register and \$32,350 was assessed for lead risk reduction violations involving one property.

The Matt Corporation Leonardtown, Md

On August 8, 2000 MDE issued a Complaint, Order and Civil Penalty against the Matt Corporation of Leonardtown Maryland for \$5,000. The enforcement action was taken when an investigation on November 19, 1999 found three underground storage tanks operated by the Matt Corporation did not have spill buckets/catch basins, overfill protection, protective caps on vents, Stage I vapor recovery, drop tubes in tanks and a leaking kerosene dispenser.

On a follow-up inspection on December 3, 1999 the inspectors verified that there was no emergency shutoff valve for the dispensers. Inspectors also found that the registration for a tank

indicated that spill buckets/catch basins and over fill protection were in use when in fact they were not.

Status: Case Pending (Reference #COV-2000-023)

The Gott Company Prince Frederick, Md

On August 8, 2000 MDE issued a Complaint, Order and Civil Penalty against the Gott Company of Prince Frederick for \$5,000. The enforcement action was taken when an investigation on November 19, 1999 found three underground storage tanks owned by The Gott Company did not have spill buckets/catch basins, overfill protection, protective caps on vents, Stage I vapor recovery, drop tubes in tanks and a leaking kerosene dispenser.

On a follow-up inspection on December 3, 1999 the inspectors verified that there was no emergency shutoff valve for the dispensers. Inspectors also found that the registration for a tank indicated that spill buckets/catch basins and over fill protection were in use when in fact they were not.

Status: Case Pending (Reference # COV-200-022)

Edward L. Birtic Baltimore, Maryland

On August 7, 2000 MDE issued a Complaint and Administrative Penalty against Mr. Edward L. Birtic, owner of a warehouse at 107 West Heath Street Baltimore, Maryland for civil violations of the state's hazardous waste laws. MDE is seeking a penalty of \$25,000 in reference to the improper storage of hazardous materials. The complaint finds that drums containing hazardous waste were stored at the warehouse without a permit. Additionally, the complaint states that the owner failed to determine the type of hazardous waste stored, did not store those wastes in approved containers, transported the waste without using a certified vehicle and hauler, and discharged the hazardous wastes onto the ground.

Status: Pending (Reference #CAP-01-003)

District Line Fuel Company, Washington, DC

On August 8, 2000 MDE issued a Complaint, Order and Civil Penalty against the District Line Fuel Company of Washington, DC for \$5,000. The enforcement action was taken because a District Line Fuel Company truck discharged approximately 125 gallons of fuel oil in an area likely to pollute the

waters of the State, not reporting the spill within two hours, leaving the scene of the spill and not attempting to contain or clean up the spill.

Status: Case Pending (Reference #COV-2000-028)

Water Management Administration

July 10, 2000 - August 10, 2000

Goodwill Mennonite Home, Inc., Garrett County - On July 26, 2000, MDE and Goodwill Mennonite Home reached a settlement to resolve discharge permit violations at the Goodwill Mennonite Home Wastewater Treatment Plant (WWTP) located in Grantsville, Maryland. Under the terms of the settlement, Goodwill Mennonite has agreed to pay \$3,075 to the Clean Water Fund to resolve past effluent violations and has also agreed to complete connection of the WWTP to the Grantsville sanitary sewer system August 31, 2000.

Status: Case closed. (Reference #CO-01-0030).

Presbyterian Senior Living Services, Inc. Baltimore County - On July 18, 2000, MDE and Presbyterian Senior Services finalized an administrative consent order regarding improvements to the Glen Meadows Wastewater Treatment Plant (WWTP) located in Glen Arm, Maryland. Under the terms of the consent order, Glen Meadows is required to submit to MDE for review and approval a plan and schedule for upgrade of the WWTP.

Status: Case closed. (Reference #CO-01-0002).

Water Pollution Penalties - Statewide

During the period July 10, 2000 to August 10, 2000, MDE collected \$6,223.00 in administrative penalty payments to the Clean Water Fund in settlement of alleged water pollution violations from six establishments.

Erosion and Sediment Control Penalties - Statewide

During the period July 10, 2000 to August 10, MDE collected \$1,800 in administrative penalty payments to the Sediment Fund in settlement of alleged erosion and sediment control violations at one construction site.

NOISE Continued from Page 1

It doesn't last long, but it is enough to wake you up at two in the morning," Jarinko said.

"We work to resolve problems," he added, "but the regulations do provide for a penalty of up to \$10,000 per day." The stringent penalty is the reason Jarinko believes no one has been fined in order to achieve compliance.

Armed with a real-time sound level analyzer, a device akin to something more than a high powered microphone, Jarinko can sample any sound, break it into one of 33, one-third octave bands, then process the sample into charts, graphs or court admissible data, if need be. The bulk of his assignments come from individual citizen complaints, followed by governmental requests. In recent weeks he has sampled a Pier Six concert from Federal Hill to help the City of Baltimore, recorded industrial night noises in Thurmont, been asked by Prince

George's County Police to conduct a training on some new sound equipment, and been asked by Harford County's Office of People's Council to perform some acoustical reviews.

"If it makes noise, I've gotten calls on it," he said. "Most of it's plain old variety community noises that irritate people. I've done everything from nursing homes and hospitals [which are usually equipment related] to early morning trash pick-ups.

"But we don't do barking dogs," Jarinko continued jokingly. "We do animal noises though, but only in connection with animal shelters, kennels or other commercial operations."

There are exemptions under the law, however. Aircraft, trains, vehicles on public highways and certain construction noises are handled by other federal or state agencies.

Gun ranges have been a growing area of investigation and have created

some of the most memorable cases, Jarinko recalled. Once he spent three days in court testifying as a technical expert.

Jarinko, a Charlestown, Md. resident, handles approximately 150 formal requests annually that require field investigation. That does not include the hundreds of phone calls where citizens are referred to their local jurisdiction for assistance or are given guidance on what steps they personally can take on a noise matter. Montgomery County has a very active noise control program, but it is the only local jurisdiction with such a program in the state.

Although he's built a solid, credible program, Jarinko said change is needed. "We'd like to get local jurisdictions to be more self-reliant in noise compliance and have MDE provide and coordinate the training, technical back-up and assistance as necessary," MDE's Employee of the Year

said. "That wouldn't put us out of business. Believe me, there's plenty of noise to go around."

"We need to build greater recognition at the local level that noise is a quality of life issue, especially when you're as densely populated as Maryland is," he added. "And it really inflames people when there's a noise problem.

"Most people are noise generators, whether they're a commercial operation or an individual. We don't think of the effect of the noise we're creating. It's a general lack of awareness and concern. Most noise complaints really turn out to be a lack of courtesy for your neighbor. It's that simple. Noise today is essentially where second hand smoke was 10 to 15 years ago. Noise still hasn't reached the status of where it's recognized in that way. I'm glad I'm able to make difference in that."

To fight mosquitoes, eliminate all standing water

Marylanders are under attack and only a persistent, community-wide counter offensive can repel the invader. The enemy is the mosquito - the tiger mosquito

- an especially aggressive, urban bloodsucker that develops in small amounts of standing water. The frequent and heavy rains this summer have produced an enormous outbreak of this black and white striped insect that is active from morning until night.

"This mosquito will not be controlled with insecticides," said Maryland Department of Agriculture (MDA) Mosquito Control Chief Cy Lesser. "The only effective method of attacking it is dumping out standing water from small containers in everyone's yard."

Mosquito control offices are being inundated with calls from residents from Baltimore and Anne Arundel counties further south demanding treatment with chemical insecticides to kill the mosquitoes that are making normal outdoor activity all but impossible in many communities. But spraying is neither possible nor effective against this invasion.

"Even if we could control this mosquito with chemicals, as long as the standing water is not removed from such places as flower pots, plastic swimming pools, cans and discarded tires, a new swarm of adults will emerge each day," Lesser explained. "It is vital for the entire neighborhood to band together and attack this problem after every rain storm. This is war, and it is going to take ground troops going house-to-house, neighborhood-to-neighborhood, week-to-week to win. It just is not possible for MDA staff to enter people's backyards to locate and empty mosquito-breeding containers."

Lesser says the tiger mosquito will remain active as long as temperatures stay

above 60 degrees and rain continues to fall every few days. This could extend the mosquito season through September and well into October, unless the weather patterns change.

"Many callers insist that we come out and spray their backyard for mosquitoes," Lesser said. "We have been using our mosquito control resources primarily to

WATER

Continued from Page 2

imprisonment for persons who knowingly, and with an intent to deceive, falsify or fail to complete the required forms. Currently, only two other states, California and Washington, have enacted ballast water management laws. Staff at MDE are studying other state programs and current federal practices in preparation for developing the guidelines and regulations for implementing the new law.

In addition, MDE recently met with the University of Maryland regarding research on a new "natural" biodegradable toxicant for use in ballast water management. This product is intended to supplement other control mechanisms that have already been researched such as: temperature elevation, oxygen deprivation, filtration, chemical disinfection, ultraviolet light, and open ocean exchange. Each of these measures has various cost and safety factors that preclude their use under certain circumstances. The toxicant research will be initiated next year.

For more information on Maryland's ballast water management requirements, please call (410) 631-3611 or (410) 974-3238.

treat for marshland and other fresh water mosquitoes, which also are causing widespread problems in Maryland and cannot be controlled any other way. The tiger mosquito has one major enemy, and that is people who conscientiously dump standing water or who do not allow standing water to accumulate."



A magnified image of a tiger mosquito.

Public meetings & events

Waste Management

Administration

September 13, 2000—6:30 p.m. Queen Anne's County Free Library, Kent Island Branch 200 Library Circle, Stevensville

Public hearing on the tentative determination for State Discharge Permit #95-DP-0547A for the County Commissioners of Queen Anne's County to increase discharge from Kent Narrows/Stevensville/Grasonville WWTP

Stephen Luckman, (410) 631-3671

September 14, 2000—9 a.m. Maryland Department of the Environment, Chesapeake Conference Room, 2500 Broening Highway, Baltimore

Meeting of the Controlled Hazardous Substances Advisory Council

Emmanuel Ofoche, (410) 631-3441

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

Lunchtime workshop

Commemorate National Pollution Prevention Week—Businesses are invited to come to a lunchtime workshop on Friday, Sept. 22 to learn how area compa-

nies have successfully adopted pollution prevention strategies such as pollution prevention planning, sustainable business landscapes, and energy efficiency. The event will be held at the Best Western Hotel and Conference Center in Baltimore and is sponsored by the Eastern Baltimore Chamber of Commerce, Maryland Department of the Environment, Baltimore County Dept. of Environmental Management and Resource Protection, and the Chesapeake Bay Program *Businesses for the Bay*. To receive a brochure, call 410-631-4119.

Benefit bike tour

The Tidewater Environmental Health Association is sponsoring its second annual benefit bike tour on Sat. Sept. 16 at Blackwater National Wildlife Refuge near Cambridge, Maryland from 8-11 a.m., but riders must be finished by 3 p.m. Cost is \$15 per person or \$25 per family. Tour includes five, 20, 25, 45 and 60 mile loops, refreshments, free admission to Refuge Wildlife Drive, a 10 percent discount on gift shop purchases and other free gifts. Funds raised will benefit environmental education and awareness. For more info. or registration, call Bill Schmidt (410) 631-3016 or (410) 632-1200 ext. 161.

For the Record

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

Allegany

AES WARRIOR RUN - 11600 Mexico Farms Road, Southeast, Cumberland, MD 21502. (2001-01-00203) Air quality part 70 operating permit

ALLEGANY COUNTY COMMISSIONERS C/ O ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS - Cumberland, MD (01-SP-0574) Permit for surface mining located Kelly Road

METCO RESOURCES, INC. - 14801 Lock House Road, Cumberland, MD 21502. (2001-OPS-3329) Oil contaminated soil facility

TOWN OF LONACONING - 7 Jackson Street, Lonaconing, MD 21539. (00-1132) Water permit to lay water mains along MD Route 36 between Midland and Lonaconing

UNITED ENERGY COAL - Frostburg, MD (SM-86-40) Modification to Surface Coal Mine

UNITED ENERGY COAL - Frostburg, MD (SM-86-407) Transfer of Surface Coal Mine

Anne Arundel

A-1 PORTABLE TOILET CO., INC. - 783 Annapolis Road, Gambrills, MD 21054. (01DP2454) Groundwater industrial discharge permit

ANNE ARUNDEL DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-1135) Sewerage permit to construct the Severn Run Wastewater Pumping Station, a force and gravity sewers along northeast of Telegraph Road and Annapolis Road

ANNE ARUNDEL DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-1138) Water permit to upgrade the Glendale Independent Well at 727 Delaware Avenue, Glen Burnie

BITUMAR USA, INC. - 6000 Pennington Avenue, Baltimore, MD 21226. (2001-02-00234-TEMP) Air quality permit to operate

CAMPBELL SAND & GRAVEL CO. - Crofton, MD (95-SP-0478) Permit for surface mining located Grey's Ford Road

CROMWELL FIELDS LLC, 115 Sudbrook Lane, Suite 200, Pikesville, MD 21208. Voluntary Cleanup Program application for the Cromwell Fields Shopping Center property located at Baltimore-Annapolis Boulevard and Dorsey Road, Glen Burnie, MD 21061

DANIEL G. SCHUSTER, INC. - Dorsey Ridge Road, Hanover, MD 21076. (TR 6079) An air permit to construct for one portable concrete plant

JOAN MORELAND, AA-043 - 4834 Muddy Creek Road, Galesville, MD 20765. (S-00-02-3885-A) Sewage sludge application on agricultural land

NORTHROP GRUMMAN CORP. - 1212 Winterson Road, Linthicum, MD 21090. (TR 6074) An air permit to construct for modification to C Module reactor area

NORTHROP GRUMMAN CORP. - BWI - 7323 Aviation Boulevard, Linthicum, MD 21090. (01DP0181) Surface industrial discharge permit

PRECISION COLLISION CARCARE CENTER/ GOODYEAR - 185-B Defense Highway, Annapolis, MD 21401. (01DP2475) Groundwater industrial discharge permit

TECHNICAL FINISHERS, L.L.C. - 180 Penrod Court Suite G, Glen Burnie MD 21061. (TR 6096) An air permit to construct for one spray booth

Baltimore City

AMERADA HESS CORPORATION - 6200 Pennington Avenue, Baltimore 21226. (TR 6066) An air permit to construct for Addition of one truck loading rack

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

BALTIMORE CITY DEPARTMENT OF PUBLIC OF WORKS - 200 N. Holliday Street, Baltimore, MD 21202. (00-134) Sewerage permit to rehabilitate the grit removal facilities at the Back River Wastewater Treatment Plant

CENTRAL OIL ASPHALT CORP. - 3450 Asiatic Avenue, Baltimore, MD 21226. (2001-OPT-4023) Oil operations permit for above ground storage tank and transportation

CONDEA VISTA COMPANY - 3441 Fairfield Road, Baltimore, MD 21226. (TR 6097) An air permit to construct for modification

CONDEA VISTA COMPANY - 3441 Fairfield Road, Baltimore, MD 21226. (TR 6098) An air permit to construct for one paraffins/olefins enhancement process

D & J AUTO CARE, INC. - 1120 W. 41st Street, Baltimore, MD 21211. (TR 6056) An air permit to construct for one paint spray booth

FELLS POINT NORTH, LLC, c/o Struever Bros. Eccles & Rouse, 519 N. Charles Street, Baltimore, MD 21201. Voluntary Cleanup Program application for property located at 1400 Eastern Avenue, Baltimore, MD 21231

G & L RECYCLING COMPANY, INC. - 222 North Calverton Road, Baltimore, MD 21223. Solid waste processing facility and transfer station

GRACE DAVISON - 5500 Chemical Road, Baltimore, MD 21226. (TR 6063) An air permit to construct for one pneumatic conveyor/filter

GRACE DAVISON - 5500 Chemical Road, Baltimore, MD 21226. (TR 6082) An air permit to construct for modification to FCC operation

GRACE DAVISON - 5500 Chemical Road, Baltimore, MD 21226. (TR 6083) An air permit to construct for modification to Development Center Operation

MCCOMAS, THE H.C., FUEL COMPANY - 2301 Evergreen Street, Baltimore, MD 21216.

(2001-OPT-4291) Oil operations permit for above ground storage tank and transportation

NORTHWEST TRANSFER STATION - 5030 Reisterstown Road, Baltimore, MD 21215. (2000-WTS-0038) Solid waste transfer station permit

SHERWIN WILLIAMS COMPANY, THE - 2325 Hollins Ferry Road, Baltimore, MD 21230. (TR 6087) An air permit to construct for modification to paint filling line

STERICYCLE, INC. - 5901 Chemical Road, Baltimore, MD 21226. (2001-24-02776) Air quality part 70 operating permit

Baltimore County

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

BGE - NOTCH CLIFF - 10650 Harford Road, Glen Arm, MD 21234. (01DP2806) Groundwater industrial discharge permit

CONSTELLATION POWER SOURCE GENERATION - C.P. CRANE - 1001 Carroll Island Road, Chase, MD 21220. (01DP0188) Major surface industrial discharge permit

EOG INCORPORATED - 10947 Golden West Drive, Cockeysville, MD 21031-1312. (TR 6075) An air permit to construct for four forced convection reflow ovens

EXPLOSIVES EXPERTS, INC. - 30 Stenersen Lane, Cockeysville, MD 21030. (2001-OPT-2317) Oil operations permit for above ground storage tank and transportation

FRANKLIN SQUARE HOSPITAL CENTER - 9000 Franklin Square Drive, Rossville, MD 21237. (2001-03-0400) Air quality part 70 operating permit

KOGAN-HICKORY PRINTING - 8860 Citation Road, Unit A, Baltimore, MD 21221. (TR 6077) An air permit to construct for one printing press

MT. ROYAL PRINTING COMPANY - 6310 Blair Hill Lane, Baltimore, MD 21209. (TR 6089) An air permit to construct for one printing press

NORTHWEST HOSPITAL CENTER - 5401 Old Court Road, Randallstown, MD 21133. (2001-03-0042) Air quality part 70 operating permit

SWEETHEART HOLDING, INC. - 9830 Reisterstown Road, Owings Mills, MD 21117. (TR 6062) An air permit to construct for modification to container manufacturing line

Calvert

PERRY G. BOWEN - Prince Frederick, MD (95-SP-0494) Permit for surface mining located Sixes Road

Caroline

J. RICHARD BREEDING EXCAVATING, INC. - Denton, MD (84-SP-0186) Permit for surface mining located MD 317

Carroll

GAITHER MANOR APARTMENTS WWTP - Bethway Drive, Sykesville, MD 21784. (01DP0779) Surface municipal discharge permit

NORTHERN MUNICIPAL LANDFILL - 1400 Baltimore Boulevard, Westminster, MD 21157. Sewage sludge disposal permit at landfill

NORTHERN MUNICIPAL LANDFILL - 1400 Baltimore Boulevard, Westminster, MD 21157. (2000-WMF-0066) Solid waste municipal landfill permit

Cecil

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

ISE AMERICA, INC. - COMPANY 15 - 601 Sas-safras-Warwick Road, Warwick, MD 21912. (01DP3134) Groundwater industrial discharge permit

THIOKOL PROPULSION - 55 Thiokol Road, Elkton, MD 21922. (TR 6092) An air permit to construct for one baghouse

W.L. GORE & ASSOCIATES-APPLETON S. - 100 Airport Road, Elkton, MD 21921. (TR 6101) An air permit to construct for one PTFE process line

Charles

AUTOMATED GRAPHIC SYSTEMS - 4590 Graphics Drive, White Plains, MD 20695. (TR 6059) An air permit to construct for one printing press

EDWARD C. BOU PROPERTY - 9755 Crain Highway, Newburg, MD 20664. Sewage sludge application on agricultural land

EDWARD DYSON FARM, CH-106 - 8720 Dubois Road, Charlotte Hall, MD 20622. Sewage sludge application on agricultural land

GILBERT O. BOWLING, SR. PROPERTY, SITE 39 - 9595 Bowling Alley Drive, Charlotte Hall, MD 20622. Sewage sludge application on agricultural land

MAYOR AND COUNCIL OF LA PLATA - 5 Garrett Avenue, La Plata, MD 20646. (00-1142) Sewerage permit to expand and upgrade the biological nitrogen removal process and other miscellaneous facilities at the La Plata Wastewater Treatment Plant

Dorchester

CAMELOT RESIDENTIAL SUBDIVISION - Town Point at Travelers Rest Roads, Cambridge, MD 21613. (01DP3171) Groundwater municipal discharge permit

HURLOCK WWTP - Jones Village Road, Hurlock, MD 21643. (01DP2801) Groundwater municipal discharge permit

Frederick

COMMISSIONERS OF THURMONT - P. O.

For the Record

Box 17, Thurmont, MD 21788. (00-1137) Water permit to construct an elevated water storage tank, off Carroll Street extended, northeast of the intersection of Route 77 and Route 15

CRESTVIEW ESTATES WWTP - Quail Knob Lane, Frederick, MD 21702. (01DP0672) Surface municipal discharge permit

Garrett

GEORGE CREEK, INC. - DEEP MINE NO. 1 - Westernport and Aaron Run Roads, Westernport, MD 21562. (01DP3363) Surface industrial discharge permit

METTIKI COAL LLC - TABLE ROCK, MD (DM-84-101) Significant Modification to Deep Coal Mine

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (57-GO-0028) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (59-GO-0029) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (60-GO-0034) Application for a renewal of a oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (64-GO-0042) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (65-GO-0050) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (65-GO-0052) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (65-GO-0055) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (66-GO-0041) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (66-GO-0058) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (66-GO-0065) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (66-GO-0069) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (66-GO-0071) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (66-GO-0072) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (69-GO-0093) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (76-GO-0104) Application for a renewal of an oil and gas permit

TEXAS EASTERN TRANSMISSION CORPORATION - Houston, TX (79-GO-0115) Application

for a renewal of an oil and gas permit

Harford

DANIEL G. SCHUSTER, INC. - Bata Boulevard, Belcamp, MD 21017. (TR 6058) An air permit to construct for one portable ready mixed concrete plant

HARFORD COUNTY DEPARTMENT OF PUBLIC WORKS - 101 S. Main Street, Bel Air, MD 21014. (00-1126) Sewerage permit to construct gravity sewers along MD Route 136, MD Route 165, and Main Street of Whiteford & Cardiff

HARFORD COUNTY WASTE TO ENERGY FACILITY - 1 Magnolia Road, Joppa, MD 21085. (2000-WIN-0100) Solid waste incinerator permit

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

PRICE BROTHERS COMPANY - 1501 Perryman Road, Perryman, MD 21130. (01DP0010) Surface industrial discharge permit

U.S. ARMY ABERDEEN PROVING GROUND-EDGEWOOD - Bush River Road, Aberdeen Proving Ground, MD 21010. (01DP2517) Surface industrial discharge permit

UNIQUE AUTO BODY, INC. - 1908 Bel Air Road, Unit B, Fallston, MD 21047. (TR 6090) an air permit to construct for one paint spray booth

Howard

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 3430 Court House Drive, Ellicott City, MD 20763. (00-1140) Sewerage permit to expand and upgrade the biological nitrogen removal process at the Little Patuxent Water Reclamation Plant

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 3430 Court House Drive, Ellicott City, MD 20763. (00-1141) Sewerage permit to upgrade the solids processing facilities at the Little Patuxent Water Reclamation Plant

OAK TREE FURNITURE - 9050 Red Branch Road, Columbia, MD 21045. (TR 6057) An air permit to construct for one paint spray booth

Kent

BETTERTON WWTP - 28 Third Avenue, Betterton, MD 21610. (01DP0591) Surface municipal discharge permit

EDESVILLE WWTP - Piney Neck Road at Martin Wagner Road, Edesville, MD 21661. (01DP2788) Groundwater municipal discharge permit

HARRY N. DIXON - Golts, MD (91-SP-0373-D) Permit for surface mining located Bradford Johnson Road

Montgomery

CHESAPEAKE PETROLEUM & SUPPLY CO., INC. - 16821 Oakmont Avenue, Gaithersburg, MD 20877. (2001-OPT-4034) Oil operations permit for above ground storage tank and transportation

CLARKSBURG VILLAGE PARTNERSHIP - 6820 Elm Street, McLean, VA 22101. (00-1133)

Water permit to lay water mains along New Cut Road from Frederick Road (Route 355) east 1200 feet

CLARKSBURG VILLAGE PARTNERSHIP - 6820 Elm Street, McLean, VA 22101. (00-1143) Sewerage permit to construct gravity sewers along New Cut Road from Frederick Road (Route 355) east 1200 feet

CLARKSBURG VILLAGE PARTNERSHIP - 6820 Elm Street, McLean, VA 22101. (00-1131) Sewerage permit to construct gravity sewers along Stream Valley East of Frederick Road (Route 355) to Greenridge Acres Subdivision

E.C. RICHARD ENTERPRISES, INC. - 26819 Ridge Road, Damascus, MD 20872. (2001-OPT-4397) Oil operations permit for above ground storage tank and transportation

TERRABROOK CLARKSBURG L.L.C. - 42935 Waxpool Road, Ashburn VA (00-1136) Sewerage permit to construct gravity sewers along Stringtown Road, east of MD Routes 355 and 121

TERRABROOK CLARKSBURG L.L.C. - 42935 Waxpool Road, Ashburn VA. (00-1139) Sewerage permit to construct gravity sewers along Clarksburg Road, MD Route 121 at MD Route 355

Prince George's

BERG CORPORATION, THE - 7000 Adelphi Road, Hyattsville, MD 20788. (TR 6064) An air permit to construct for one temporary portable concrete crusher

BP AMOCO - 3507 CRAIN HIGHWAY - 3507 Crain Highway at Danehower Road, Upper Marlboro, MD 20772. (01DP3364) Surface municipal discharge permit

GRAND TOURING, INC. - 14232 Cherry Lane Court, Laurel, MD 20707. (TR 6054) An air permit to construct for one paint spray booth

HENRY GAY OLDSMOBILE, INC. - 13603 Baltimore-Washington Boulevard, Laurel, MD 20707. (TR 6099) An air permit to construct for one paint spray booth

KELLY PRESS INC. - 1701 Cabin Branch Drive, Cheverly, MD 20785. (TR 6068) An air permit to construct for one Heidelberg Speedmaster SM 102 press

METRO READY MIX, INC. - University of MD, Arena, College Park, MD 20742. (TR 6060) An air permit to construct for one portable concrete batch plant

NORTH COUNTY TRANSFER STATION-PRINCE GEORGE'S COUNTY - 13500 Laurel Bowie Road, Bowie, MD 20715. (2000-WTS-0567) Solid waste transfer station permit

PROVIDENT LIFE AND ACCIDENT INSURANCE COMPANY, 2211 Congress Street, Q114, Portland, ME 04122. Voluntary Cleanup Program application for the Olde Forte Village Shopping Center property located at 970 E. Swan Creek Road, Fort Washington, MD 20744

RECYCLING CENTER, INC., THE - 14852 Old Gunpowder Road, Laurel, MD 20707. (TR 6078) An air permit to construct for add crusher/screen to crushing plant

Queen Anne's

CALVIN GRAY PROPERTY - 162 Shrewsbury

Farm Lane, Centreville, MD 21617. Sewage sludge application on agricultural land

EDWARD CRONSHAW PROPERTY - 626 Roe Road, Barclay, MD 21607. Sewage sludge application on agricultural land

MARION ANDREW FARM - 160 Andrews Farm Lane, Centreville, MD 21617. Sewage sludge application on agricultural land

Somerset

A.J. KING - Westover, MD (95-SP-0495) Application received for renewal for a surface mining permit located Boggs Schoolhouse Road

A.J. KING - Westover, MD (95-SP-0496) Application received for renewal for a surface mining permit located Boggs Schoolhouse Road

SOMERSET GRAIN, INC. - 11560 Progress Lane, Princess Anne, MD 21853. (TR 6093) An air permit to construct for one grain dryer

UNIVERSITY OF MARYLAND EASTERN SHORE - Backbone Road, Princess Anne, MD 21853. (2000-OPT-3523) Oil operations permit for above ground storage tank and transportation

St. Mary's

MARY BOGIE FARM- ST. ANNE - 21383 Bogies Lane, Leonardtown, MD 20650. Sewage sludge application on agricultural land

PHIL DORSEY FARM, SM-29 - Breton Beach Road, Breton Beach, MD 20650. Sewage sludge application on agricultural land

Talbot

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

NEVIASER TOYOTA DODGE, INC. - 6730 Ocean Gateway, Easton, MD 21601. (01DP2449) Groundwater industrial discharge permit

Washington

ANTIETAM NATIONAL BATTLEFIELD - Antietam National Battlefield, Shepherdstown Pike at Rodman Avenue, Sharpsburg, MD 21782. (01DP3169) Groundwater industrial discharge permit

FORTY WEST MUNICIPAL LANDFILL - 12630 Earth Care Road, Hagerstown, MD 21740. Sewage sludge disposal permit at landfill

MARTIN MARIETTA-BOONSBORO QUARRY - 20301 Benevola Church Road, Boonsboro, MD 21713. (TR 6091) An air permit to construct for modification to crushing plant

MARTIN MARIETTA MATERIALS, INC. - Raleigh, NC (77-SP-0135-G) Application received for renewal for a surface mining permit located Benevola Church Road

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

For the Record

Wicomico

KULLEY FARM - 12490 Carnival Road, Sharptown, MD 21861. Sewage sludge application on agricultural land

RIVER HARBOUR SUBDIVISION - Riverside Drive Extended, Fruitland, MD 21801. (01DP3175) Groundwater municipal discharge permit

SALISBURY ST SERVICES TERMINAL - 1134 Marine Road, Salisbury, MD 21801. (TR 6061) An air permit to construct for one soil and one groundwater remediation system

Worcester

BEACH CLUB GOLF LINKS - 9715 Deer Park Road, Berlin, MD 21811. (01DP3167) Groundwater municipal discharge permit

CROPPER OIL COMPANY - 10535 Ocean Gateway, Berlin, MD 21811. (2001-OPT-2257) Oil operations permit for above ground storage tank and transportation

LIGHTHOUSE SOUND DEVELOPMENT - Isle of Wight Road at Saltgrass Point, Bishopville, MD 21813. (01DP3155) Groundwater municipal discharge permit

MAYOR AND COUNCIL OF THE TOWN OF BERLIN - 10 Williams Street, Berlin, MD 21811. (00-1128) Sewerage permit to install "Pond Doctor" aerators at the holding basin of the spray irrigation system

ROBERT K. & JULIA B. EWELL. - Newark, MD (95-SP-0493) Application received for renewal for a surface mining permit located Cropper Island Road

TYSON FOODS, INC. - 207 Bay Street, Snow Hill, MD 21863. (2001-OPT-2718) Oil operations permit for above ground storage tank and transportation

WASTE MANAGEMENT OF DELMARVA - 805 Ocean Highway, Pocomoke, MD 21851. (01DP2933) Groundwater industrial discharge permit

Out of State

BOULDEN, INC. - DELAWARE - 540 Old Barksdale Road, Newark, DE 19711. (2001-OPV-2179) Oil operations permit for transportation

DELCORA INCINERATOR-PENNSYLVANIA - Chester, PA Sewage sludge transportation permit

Issuances

Allegheny

AES WARRIOR RUN, INC. - 11600 Mexico Farms Road, SE, Cumberland, MD 21502. (01-6-0243 & 0244 N) Air general permit to construct for two Boilers < 10 MMBTU

ALLEGANY COUNTY COMMISSIONERS C/ O ALLEGANY DEPARTMENT OF PUBLIC WORKS - Cumberland, MD (01-SP-0574) Permit to surface mine located on Riverside Industrial Park

BARTON MINING CO. # 338 - 22919 Barton

Mine Road, Barton, MD 21521. (00CM2427) General permit registration for discharge from surface coal mine

BRASHEAR COAL MINES - (SM-84-264) - 1.5 Miles North of Westernport, Near Stoney Run Road, Westernport, MD 21524. (00CM0938) General permit registration for discharge from surface coal mine

TOWN OF LONACONING - 7 Jackson Street, Lonaconing, MD 21539. (00-12-1132) Water permit to lay water mains along MD Route 36 between Midland and Lonaconing

UNITED ENERGY COAL CO., - Frostburg, MD (SM-84-40) Modification to Surface Coal Mine

UNITED ENERGY COAL CO., - Frostburg, MD (SM-89-414) Transfer to Surface Coal Mine

UNITED ENERGY COAL CO., - Lonaconing, MD (SM-92-423) Revision to Surface Coal Mine

Anne Arundel

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-14-1072) Water permit to construct a 2-MG elevated water storage tank on the west side of I-295 and its intersection with MD Route 100

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS - 2662 Riva Road, Annapolis, MD 21401. (00-15-1033) Water permit to construct a well and a wellhouse control building at the intersection of Dorsey Road and Wirth Road

ANNE ARUNDEL HEALTH SYSTEMS - 2001 Medical Parkway, Clatanoff, Annapolis, MD 21401. (02-8-0176 N) Air general permit to construct for one charbroiler

BSSS, INC. - Millersville, MD (94-SP-0468-C) Modification and renewal for a surface mine permit located on Maryland Route 3

CAMPBELL SAND & GRAVEL COMPANY - Crofton, MD (80-SP-0838-D) Modification and renewal for a surface mine permit located on MD Route 3 and Route 424

CARLETON TECHNOLOGIES, INC. - 504 McCormick Drive, Glen Burnie, MD 21061. (02-6-0940 N) Air permit to construct for one paint spray booth

CHANEY ENTERPRISES LIMITED PARTNERSHIP - Waldorf, MD (89-SP-0335-B) Modification and renewal for a surface mine permit located on Meyers Station Road

DANIEL G. SCHUSTER, INC. - Dorsey Ridge Road, Hanover, MD 21076. (02-6-0941 N) Air permit to construct for one portable concrete plant

DORSEY RUN WWTP - 7920 Brock Bridge Road, Jessup, MD 20794. (S-98-02-4545-T) Sewage sludge transportation permit

FAMOUS DAVE'S RIBS - 181 Jennifer Road, Annapolis, MD 21401. (02-8-017 N) Air general permit to construct for one charbroiler

FORT GEORGE G. MEADE - Building 9581, Route 198, Fort Meade, MD 20755. (00DP2634) Groundwater municipal discharge permit

FORT GEORGE MEADE - ANME-PWE, Fort George Meade, MD 20755. (02-5-0487 N (all same No.)) Air general permit to construct for eighteen boilers <10 MMBTU

PATUXENT ASPHALT, LLC - 1320

Cunningham Road, Severn, MD 21144. (02-6-0926 M) Air permit to construct for Superseded permit to construct issued on 7/10/00

STATE EMPLOYEE'S CREDIT UNION - 971 Corporate Boulevard, Linthicum, MD 21090. (02-5-0490 N) Air general permit to construct for one boiler < 10 MMBTU

U.S. NAVAL ACADEMY - 181 Wainright Road, Bancroft Hall, 3rd Wing, Annapolis, MD 21402. (02-4-0688 N) Air permit to construct for one temporary boiler - 12 MM Btu/hr

Baltimore City

CLEAN HARBORS ENVIRONMENTAL SERVICE - 1910 Russell Street, Baltimore, MD 21230. (24-6-1610 N) Air permit to construct for one shredder

CONDEA VISTA COMPANY - 3441 Fairfield Road, Baltimore, MD 21226. (2000-OPS-3529) Oil contaminated soil facility

DELTA CHEMICAL CORPORATION - 2601 Cannery Avenue, Baltimore, MD 21226. (24-00376) Air quality permit to operate

GENERAL MOTORS TRUCK GROUP - 2122 Broening Highway, Baltimore, MD 21224. (2001-OPT-3232) Oil operations permit for above ground storage tank and transportation

GRACE DAVISON - 5500 Chemical Road, Baltimore, MD 21226. (24-7-1644 M) Air permit to construct for Modification to FCC plant operations

MARTY'S AUTO PARTS - 2100 Hollins Ferry Road, Baltimore, MD 21230. (97SW1375) General permit registration for stormwater associated with industrial activity

MERGENTHALER VOCATIONAL TECH. H.S. - 3500 Hillen Road, Baltimore, MD 21218. (24-5-1467 through 1469 N) Air permit to construct for three boilers > 10 MMBtu

P. FLANIGAN & SONS, INC. - 2120 Annapolis Road, Baltimore, MD 21230. (2001-OPT-3383) Oil operations permit for above ground storage tank and transportation

P. FLANIGAN & SONS, INC. - 2444 Loch Raven Boulevard, Baltimore, MD 21218. (2001-OPT-5373) Oil operations permit for above ground storage tank and transportation

TATE & LYLE NORTH AMERICAN SUGARS - 1100 Key Highway East, Baltimore, MD 21230. (24-5-1476 N) Air permit to construct for one 249 MMBtu Boiler

UNILEVER - BALTIMORE PLANT - 5300 Holabird Avenue, Baltimore, MD 21224. (24-510-00121) Air quality part 70 operating permit

V & S CONTRACTORS INC. - 1303 East Baltimore Street, Baltimore, MD 21202. (2001-OGR-9188) General permit for treated groundwater from oil contaminated sources

Baltimore County

ATLANTIC PHARMACEUTICAL SERVICES - 11200 Gundry Lane, Owings Mills, MD 21117. (03-6-2482 M and 03-8-0297 N) Air permit to construct for Modification to spray dryer system #2

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Avenue,

Towson, MD 21204. (00-22:23-1111) Sewerage permit to construct a low pressure sewer system along Bird River Grove Road and utility easements, east of Ebenezer Road and US Route 40

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS - 111 W. Chesapeake Avenue, Towson, MD 21204. (00-22-1122) Sewerage permit to construct force mains along Martin Boulevard, Eastern Boulevard, Woodland Avenue to Hughes Shore Road

BETHLEHEM STEEL CORP. - 5111 North Point Boulevard, Sparrows Point, MD 21219. (2000A-74A) Controlled hazardous substance permit

BETHLEHEM STEEL CORP. - 5111 North Point Boulevard, Sparrows Point, MD 21219. (03-00147C) Air quality permit to operate

BOB DAVIDSON FORD, INC. - 1845 East Joppa Road, Baltimore, MD 21234. (2001-OPT-8969) Oil operations permit for above ground storage tank and transportation

ER & WR PROCESSING FACILITY - Riverside Road & Tin Mill Road, Sparrows Point, MD 21219. (2000-NWW-GP01) Natural Woodwaste General Permit

LOCKHEED MARTIN CORPORATE AIR-CRAFT - 701 Wilson Point Road, Baltimore, MD 21220. (2001-OPT-4274) Oil operations permit for above ground storage tank and transportation

SEAGRAM AMERICAS - 5001 Washington Boulevard, Halethorpe, MD 21227. (03-8-0298 N) Air permit to construct for one cream liqueur system

SIENA DEVELOPMENT CORPORATION, 12011 Guilford Road, Suite 101, Annapolis Junction, MD 21701. No Further Requirements Determination issued by the Voluntary Cleanup Program for the Baltimore Goodwill Industries property located at 4001 Southwestern Boulevard, Baltimore, MD 21229

SPARROWS POINT COUNTRY CLUB - 919 Wise Avenue, Baltimore, MD 21222. (99DP3113) Groundwater municipal discharge permit

TECHNIGRAPHICS OF MARYLAND, INC. - 398 Eudowood Lane, Towson, MD 21286. (03-6-2599 N) Air permit to construct for two printing presses

TOWSON UNIVERSITY - 8000 York Road, Towson, MD 21204. (2000A-304) Controlled hazardous substance permit

TOWSON UNIVERSITY - GLEN TOWER A - 8000 York Road, Towson, MD 21252. (03-5-1685) Air general permit to construct for one boiler < 10 MMBTU

TOWSON UNIVERSITY - GLEN TOWER B - 8000 York Road, Towson, MD 21252. (03-5-1686 N) Air general permit to construct for one boiler < 10 MMBTU

Calvert

CASSANDRA P. BRISCOE, CV-53 - 7210 Parkers Wharf Road, St. Leonard, MD 20685. (S-00-04-3868-A) Sewage sludge application on agricultural land

ESTATE OF LOUIS L. GOLDSTEIN - Prince Frederick, MD (95-SP-0480-A) Modification and renewal for a surface mine permit located on Williams Road

For the Record

Caroline

THE CENTREVILLE NATIONAL BANK OF MARYLAND - 21913 Shore Highway, P.O. Box 118, Hillsboro, MD 21641. (00DP1282) Groundwater municipal discharge permit

Carroll

MARYLAND PAVING - 2914 Industrial Park Drive, Finksburg, MD 21048. (2001-OPT-3298) Oil operations permit for above ground storage tank and transportation

RITTENHOUSE FUEL COMPANY - 3821 Hampstead Mexico Road, Hampstead, MD 21074. (2000-OPT-4403) Oil operations permit for above ground storage tank and transportation

TWIN ARCH CLEANERS - 1001 Twin Arch Road, No. 1, Mount Airy, MD 21771. (06-6-0282 N) Air general permit to construct for one dry cleaning machine

Cecil

CECIL COUNTY CENTRAL LANDFILL - 758 Old Philadelphia Road, Elkton, MD 21921. (24-015-00163) Air quality part 70 operating permit

D.M. STOLTZFUS & SON, INC. - 896 Elk Mills Road, Elk Mills, MD 21920. (07-6-0175 N) Air permit to construct for one rip-rap plant

W.L. GORE & ASSOCIATES, INC. - 2401 Singerly Road, Elkton, MD 21921. (07-6-0173 M) Air permit to construct for three ovens

Charles

BEN S. SWAREY CH 66 - Route 1 Box 431, Charlotte Hall, MD 20622. (S-98-08-3629-A1) Sewage sludge application on agricultural land

CHANEY ENTERPRISES - GOLDSMITH BACKFARM PIT - Leonardtown Road at Goldie Farm Place, Waldorf, MD 20601. (S-00-08-4642-M) Sewage sludge application on marginal land

CHARLES EARL GARDNER - 6981 Our Place, Port, Tobacco, MD 20677. (2000-NWW-GP01) Natural Woodwaste General Permit

JONES, E. ELAINE - P. O. Box 332, Hughesville, MD 20637. (00-16-1123) Water permit to upgrade the Independent Village Water Treatment Plant at Newman Drive, Charlotte Hall

Dorchester

CECIL GANNON FARM DR 22 - Mount Zion Road, Federalsburg, MD 21632. (S-00-09-4681-A) Sewage sludge application on agricultural land

DORCHESTER COUNTY HIGHWAY DEPARTMENT- BLACKTOP PLANT - 3960 Red Hill Road, East New Market, MD 21631. (99DP2969) Groundwater industrial discharge permit

Frederick

AUTOBODY DIMENSIONS OF FREDERICK - 5702 Industry Lane A-33, Frederick, MD 21704. (10-6-0497 N) Air permit to construct for one paint

spray booth

FAMOUS DAVE'S RIBS - 1003 Patrick Street, West, Frederick, MD 21702. (10-8-0074 N) Air general permit to construct for one charbroiler

FREDERICK COUNTY DEPARTMENT OF PUBLIC WORKS - 118 N. Market Street, Frederick, MD 21701. (00-22-1121) Sewerage permit to construct Tuscarora interceptor sewers along Tuscarora Creek and Tributary #89 from Willow Brook Road to 800 feet south of Poole Jones Road

HAHN TRANSPORTATION INC. - 90 West Main Street, New Market, MD 21774. (2000-OPV-2272) Oil operations permit for above ground storage tank and transportation

KIPLINGER FARM, FR-137 - MD Route 80 & Ijamsville Road, Urbana, MD 21754. (S-00-10-4677-A) Sewage sludge application on agricultural land

LYNFIELD FARM FAIRGROUND - 10132 Hansonville Road, Frederick, MD 21702. (00DP3336) Groundwater municipal discharge permit

LYNFIELD LLC - 10132 Hansonville Road, Frederick, MD 21702. (00-16-1084) Water permit to construct a water treatment plant at the Lynfield Farm Fairgrounds, intersection of Route 15 and Hansonville Road

LYNFIELD LLC - 10132 Hansonville Road, Frederick, MD 21702. (00-25-1085) Sewerage permit to construct a wastewater treatment plant at the Lynfield Farm Fairgrounds, intersection of Route 15 and Hansonville Road

MOUNT SAINT MARY'S COLLEGE & SEM. - 16300 Old Emmitsburg Road, Emmitsburg, MD 21727. (10-3-0015 M) Air permit to construct for low NOx burners for existing 25 MMBtu boiler

NEW DESIGN ROAD WTP - 850 New Design Road, Tuscarora, MD 21790. (99DP2296) Surface municipal discharge permit

REDLAND BRICK, INC. - Williamsport, MD (77-SP-0027-2) Renewal and transfer issued a surface mining permit located on Route 77

Garrett

BUFFALO COAL COMPANY - #409 - Steyer Mine Road, Steyer, MD 21550. (00CM2174) General permit registration for discharge from surface coal mine

CRELLIN WASTEWATER TREATMENT PLANT - 237 West Ashby-Ellis Road, Oakland, MD 21550. (98DP1106) Surface municipal discharge permit

GARRETT COUNTY SANITARY DISTRICT - 313 E. Alder Street - Room 200, Oakland, MD 21550. (00-16-1091) Water permit to install fluoridation, disinfection and corrosion control facilities for the Mountain Lake Water System

M & S STONE QUARRIES, INC. - Grantsville, MD (77-SP-0093-C) Application renewal for a surface mine permit located Westernport Road

Harford

CITY OF HAVRE DE GRACE - 711 Pennington Avenue, Havre de Grace, MD 21078. (00-25-1124) Sewerage permit to expand and construct biological nitrogen removal process at the Havre de Grace Wastewater Treatment Plant

DANIEL G. SCHUSTER, INC. - Bata Boulevard, Belcamp, MD 21017. (12-06-0353 N) Air permit to construct for one portable ready mixed concrete plant

RITTENHOUSE FUEL CO., THE - 3636 Anderson Lane, Jarrettsville, MD 21084. (2000-OPT-4401) Oil operations permit for above ground storage tank and transportation

T.C. SIMONS - JENKINS PROPERTY - Old Mountain Road at Chand Road, Joppa, MD 21085. (95MM9708) General permit registration for discharge from surface mine

US ARMY GARRISON, ABERDEEN PROVING GROUND - Building 4304, Aberdeen Proving Ground, Aberdeen, MD 21005. (00-12:13:14-1130) Water permit to construct water mains, water storage tank, and water pumping system at various streets adjacent to Bush River Road, Aberdeen Proving Ground and Edgewood area

Howard

DELEON ACCESS FLOORS, INC. - 9425 Washington Boulevard, Savage III Industrial Park, Laurel, MD 20723. (13-00404) Air quality permit to operate

FAMOUS DAVE'S RIBS - 6201 Columbia Crossing Circle, Columbia, MD 21045. (13-8-0078 N) Air general permit to construct for one charbroiler

GALAXY PONTIAC, BUICK, GMC OF ELLICOTT CITY - 8800 Ridge Road, Ellicott City, MD 21043. (13-6-0297 N) Air permit to construct for one paint spray booth

OAK TREE FURNITURE - 9050 Red Branch Road, Columbia, MD 21045. (13-6-0300 N) Air permit to construct for one paint spray booth

Montgomery

DANIEL G. SCHUSTER, INC. - 19300 Germantown Avenue, Germantown, MD 20874. (15-6-0615) Air permit to construct for one portable concrete plant

HUMAN GENOME SCIENCES, INC. - 9920 Belward Campus Drive, Rockville, MD 20850. (18-5-1226 & 1227 N) Air general permit to construct for two boilers < 10 MMBTU

NATIONAL INSTITUTE OF HEALTH ANIMAL CENTER - Elmer School Road, Poolesville, MD 20837. (15-9-0624 through 9-0627 N) Air permit to construct for four emergency generators

NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY - CIFP: Building 301, Room B168, Gaithersburg, MD 20899. (15-9-0630 N) Air permit to construct for one emergency diesel generator

PERCONTEE INC. - MCCENEY TRACT - 11700 Cherry Hill Road, Silver Spring, MD 20904. (2001-OPT-6279) Oil operations permit for above ground storage tank and transportation

SENECA WWTP - 12600 Great Seneca Highway, Germantown, MD 20874. (95MM9712) General permit registration for discharge from concrete plant

SMITH LITHOGRAPH CORPORATION - 1029 East Gude Drive, Rockville, MD 20850. (24-31-01680) Air quality part 70 operating permit

Prince George's

A.H. SMITH ASSOCIATES LIMITED PARTNERSHIP - Branchville, MD (77-SP-0124) Renewal issued for a surface mining permit located on Van Dusen Road

BERG CORPORATION, THE - 7000 Adelphi Road, Hyattsville, MD 20788. (16-6-1082 N) Air permit to construct for one temporary portable concrete crusher

CRAFTSMAN PRESS - 2300 Craftsman Circle, Cheverly, MD 20781. (16-6-1085&1086N) Air permit to construct for two printing presses

DOWER HOUSE RECYCLING AND PROCESSING CENTER - 5900 Dower House Road, Upper Marlboro, MD 20772. (97SW1378) General permit registration for stormwater associated with industrial activity

E.L. GARDNER, INC. - Greenbelt, MD (98-SP-0532) Departmental Modification issued for a surface mining permit located on Gardner Road

GRAND TOURING, INC. - 14232 Cherry Lane Court, Laurel, MD 20707. (16-6-1080 N) Air permit to construct for one paint spray booth

GRIFFITH CONSUMERS COMPANY - 2510 Schuster Drive, Cheverly, MD 20781. (97SW1380) General permit registration for stormwater associated with industrial activity

LAUREL FUEL OIL AND HEATING CO., INC. - 101 Main Street, Laurel, MD 20707. (2001-OGT-4261) General permit for storm/hydrostatic test water from oil terminals

ROCKHILL SAND & GRAVEL CORPORATION - Silver Spring, MD (00-SP-0563) Permit issued for a surface mining permit located on Route 381

USDA/APHIS- USDA National Plant Germplasm Quarantine Center. (00-Rev-1129) Sewerage permit to extend Permit No. 97-23:25-1087 for one-year extension

WASHINGTON METRO. AREA TRANSIT AUTHORITY - 3500 Pennsy Drive, Landover, MD 20785. (16-6-1083 N) Air permit to construct for one paint spray booth

Queen Anne's

DONALD LEAGER 1 - Hayden Road, Centreville, MD 21617. (S-00-17-4540-A) Sewage sludge application on agricultural land

DONALD LEAGER 2 - 111 Hayden Clark Corner Road, Centreville, MD 21617. (S-00-17-4541-A) Sewage sludge application on agricultural land

KENT NARROWS / STEVENSVILLE / GRASONVILLE WWTP - 310 Bateau Drive, Stevensville, MD 21666. (S-00-17-1458-F) Sewage sludge treatment permit

SOARING VISTA PROPERTY, QA-20 - Route 301 & Route 302, Church Hill, MD 21623. (S-99-17-3983-A1) Sewage sludge application on agricultural land

Somerset

MELVIN BALLANTINE - Princess Anne, MD (78-SP-0421-1) Renewal issued for a surface mining permit located on Dublin Road

St. Mary's

JOSEPH KNOTTS, SITE 42-SM - Route 249 &

LAND Continued from Page 5

for planting forest or grass buffers along streams. The program helps protect water quality and enhances current ecosystems by reducing soil erosion, controlling nutrient run-off and increasing wildlife habitat.

"Maryland becomes the first state in the nation granted federal approval to strengthen incentives for the Conservation Reserve Enhancement Program," said Governor Glendening. "This will allow us to build on our aggressive efforts to protect our water quality, restore the Chesapeake Bay and expand habitat for our wildlife."

The incentive changes announced August 10 increase the width of buffers located between farm fields and streams, and include shallow-water wetlands in the program. The program will now also have specific goals in nutrient reduction and habitat protection.

"Governor Glendening demonstrated his commitment to the success of the program with his additional funding of \$10 million to the CREP program this spring," said FSA Administrator Kelly. "Coupled with our enhanced federal incentives, Maryland farmers will now have more options to protect the Chesapeake Bay without sacrificing farm income. It is the efforts of dedicated farmers that are making a difference as we work to improve water quality and wildlife habitat in the Chesapeake Bay watershed."

CHAIRS

Continued from Page 3

Environment and Natural Resources will staff the citizens advisory committee, while the oil spill prevention committee will be supported by staff from the Maryland Department of the Environment and the Maryland Public Service Commission.

The Governor's \$10 million commitment allows farmers to be eligible for a one-time, \$100 per acre bonus upon enrollment in CREP.

The federal enhancements now allow the enrollment of up to 15 acres of shallow-water wetlands. Eligible buffer widths are also being expanded from 100 to 120 feet for grass buffers and from 150 to 180 feet for forested

buffers. More ore land classified as "highly erodible" will also be eligible for enrollment.

The federal monetary reimbursement rates have also increased an average of 30 percent, helping to make CREP enrollment a more viable economic option. (See attached fact sheet).

In addition to land preservation

goals, the federal enhancements set specific annual goals for nutrient reduction (5,570 tons of nitrogen and 550 tons of phosphorus), sediment reduction (200,000 tons) and total habitat protection (35,000 acres of riparian forest, 55,000 acres of grasslands and 10,000 acres of wetlands, with an emphasis on protecting areas in and near rare species habitat).

For the Record

Hewitt Road, Valley Lee, MD 20692. (S-97-18-4364-A1) Sewage sludge application on agricultural land

ST. ANDREWS SANITARY LANDFILL - 44825 St. Andrews Church Road, California, MD 20619. (18-9-0043 N) Air permit to construct for one landfill gas vent flare system

Talbot

MEBA ENGINEERING SCHOOL - 27050 St. Michaels Road, Easton, MD 21601. (00DP1448) Groundwater municipal discharge permit

MURDOCH GARDENS, INC. - 9003 Chapel Road, Easton, MD 21601. (2001-OPT-2534) Oil operations permit for above ground storage tank and transportation

PRESIDENT AND COMMISSIONERS OF TRAPPE - 4011 Powell Avenue, Trappe, MD 21673. (00-11-1103) Water permit to construct miscellaneous well improvements at the site north of Harrison Drive West

SOUTHERN STATES COOPERATIVE, INC. - 801 Port Street, Easton, MD 21601. (2000-OPT-4465) Oil operations permit for above ground storage tank and transportation

TOWN OF OXFORD DEPARTMENT OF PUBLIC WORKS - P. O. Box 339, Oxford, MD 21654. (00-23-1042) Sewerage permit to construct the Hel's Half Acre Wastewater Pumping Station at the intersection of He's Half Acre Road with MD Route 333

Washington

CITY OF HAGERSTOWN WATER POLLUTION CONTROL DEPARTMENT - 1 Clean Water Circle, Hagerstown, MD 21740. (00-22-1115) Sewerage permit to construct force mains along west side of US Route 40, ½ mile north I-70 to serve the Hagerstown Commerce Center

CONOCOCHEAGUE WWTP - 16232 Elliott Parkway, Williamsport, MD 21795. (S-00-21-4622-T) Sewage sludge transportation permit

FIL-TEC, INC. - 12129 Mapleville Road, Cavetown, MD 21720. (21-6-0322 M) Air permit to construct for nine bobbin winders

HAGERSTOWN WATER POLLUTION CONTROL PLANT - 1 Clean Water Circle, Hagerstown, MD 21740. (97DP0788) Major surface municipal discharge permit

HAMILTON NISSAN - OAK HILL INVESTMENT - 201 Frederick Street, Hagerstown, MD 21740. (00-22-1116) Sewerage permit to construct gravity sewers along west side of US Route 40, south of Landis

Road intersection

TRAK CERAMICS, INC. - 18450 Showalter Road, Hagerstown, MD 21742. (21-6-0500 & 6-0501 N) Air permit to construct for materials handling and two spray dryers

WASHINGTON COUNTY WATER AND SEWER DEPARTMENT - 16232 Elliott Parkway, Williamsport, MD 21795. (00-12-1080) Water permit to lay water mains along Chestnut Grove Road and Elk Ridge Drive

Wicomico

D'ANCONIA SHIPLEY CORPORATION - 503 South Maryland Avenue, Delmar, MD 21875. (97SW1379) General permit registration for stormwater associated with industrial activity

MORRIS ROAD PIT - 5900 Morris Road, Pittsville, MD 21850. (95MM9711) General permit registration for discharge from mineral mine

NEWLAND PARK LANDFILL - 6948 Brick Kiln Road, Salisbury, MD 21801. (22-9-0082 M) Air permit to construct for one landfill gas flare system

PERDUE FARMS, INC. - 31149 Old Ocean City Road, Salisbury, MD 21804. (22-5-0036 N) Air general permit to construct for one boiler < 10 MMBTU

SALISBURY ST SERVICES - 1134 Marine Road, Salisbury, MD 218018488. (2001-OGR-3290) General permit for treated groundwater from oil contaminated sources

SALISBURY ST SERVICES TERMINAL - 1134 Marine Road, Salisbury, MD 21801. (22-9-0090 & 0091 N) Air permit to construct for one soil and one groundwater

remediation system

Worcester

ASSATEAGUE ISLAND NATIONAL SEASHORE WWTP - Route 611, Visitor Center, Berlin, MD 21811. (99DP2530) Surface municipal discharge permit

CAMBR REALTY - 11017 Manklin Meadows Lane, Berlin, MD 21811. (00-16-1051) Water permit to construct a water treatment plant at the intersection of MD Route 589 and Beachamp Road

FATHOM'S GRILLE, LLC - 12911 Sunset Avenue, Ocean City, MD 21842. (23-8-0098 N) Air general permit to construct for one char broiler

MERIAL SELECT, INC. - 10026 Main Street, Berlin, MD 21811. (00-25-1119) Sewerage permit to construct an on-site wastewater treatment and disposal system at US Route 50 and MD Route 818

NEWARK WWTP - 7025 Worcester Highway, Newark, MD 21841. (99DP0141) Surface municipal discharge permit

QUALITY INN - 825 Ocean Highway, Pocomoke City, MD 21851. (99DP1602) Groundwater municipal discharge permit

Out of State

AUCHTER INDUSTRIAL VAC SERVICE INC. - 4801 South Wood Avenue, Linden, NJ 07036. (2001-OPV-9150) Oil operations permit for transportation

RETRAC, INC. - 5717 Dix Street, Northeast, Washington, DC 20019. (2001-OPV-9214) Oil operations permit for transportation

Businesses: are you on track?

Has your company gone the extra mile to protect the environment and promote pollution prevention? Do your business's environmental protections exceed legal requirements? Do you have an Environmental Management System in place at your workplace?


Your firm may be eligible to become a charter member of the new national "Environmental Achievement Track." This new program, sponsored by the U.S. Environmental Protection Agency, is designed to recognize and reward facilities whose environmental accomplishments have gone beyond compliance.

For more information or to apply, visit <http://www.epa.gov/performance-track/> or call Sue Battle of Maryland's Department of the Environment at (410) 631-4111.

Hurry! The deadline for charter members has been extended to Sept. 30.

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