

# DNREC NEWS

The Delaware Department of Natural Resources and Environmental Control

Vol. 137

March 15, 2005



Ruth Ann Minner  
*Governor*

John A. Hughes  
*Secretary*

## Inside

CALENDAR .....	2
RESERVE EXPANDS ....	5
ALMA COASTAL ZONE APPLICATION ..	5
SEAFORD AWARD .....	6
PIPING PLOVER PATROL .....	7
POINT CLOSED .....	8
PUBLIC HEARING BEACH PROTECTION	10
PUBLIC HEARING MURDERKILL TMDL	11
FISHING GUIDE .....	14
REGULATORY UPDATE .....	15

Visit our Website:  
[www.dnrec.state.de.us](http://www.dnrec.state.de.us)

## Delaware Duck Stamp, Trout Stamp Competition Winners Chosen



Three male mergansers and the Fenwick Island Lighthouse will adorn Delaware's 2005 Duck Stamp. The state's 2006 trout stamp will feature a brown trout with a fly in its mouth.

The paintings won top honors in the Division of Fish and Wildlife's annual stamp art competition, held Wednesday, March 9 at the Delaware Agriculture Museum. The judging was observed by more than 60 stamp art enthusiasts and the winner of the 26th Duck Stamp Contest, Joanna Rivera of Richland, New Jersey.

Rivera, who won an honorable mention in last year's contest, is a long-time wildlife and landscape artist but has only been entering stamp design contests, including the federal Duck Stamp Contest, for two years. "This is my first win and I am thrilled," she said. "Especially since it was so hard to find photographic references of common mergansers to study." She will receive \$2,500 and 150 artist's proofs of the limited edition print series.

*continued on page 3*

## Calendar

*For information or registration for park events, please contact individual park offices. A listing follows the calendar.*

### MARCH

**16 – Public workshop, draft Regulations Governing Beach Protection and the Use of Beaches,** 2 p.m., City Hall, 229 Rehoboth Avenue, Rehoboth Beach. Contact Maria Sadler, (302) 739-4411.

**16 – Delaware Advisory Council on Tidal Finfisheries meeting,** 7 p.m., DNREC auditorium, Richardson and Robbins Building, 89 Kings Highway, Dover. Contact Roy Miller, (302) 739-3441.

**16 - Certified Construction Reviewer course,** Time TBA, Modern Maturity Center. Contact Jeanne M. Feurer, (302) 739-4411.

**17 – Surface Water Management Task Force Meeting,** 9 a.m., Delaware National Estuarine Research Center. Contact Public Affairs, (302) 739-4506.

**22 - Environmental Appeals Board hearing, Sierra Club appeal of permit to dredge the Assawoman Canal,** 9 a.m., DNREC Auditorium, 89 Kings Highway, Dover. Contact Gail Donovan, (302) 739-6400.

**22 – Public workshop on a draft rule to amend Regulation 25, “Requirements for Preconstruction Review,”** 6-9 p.m., Owens Campus, Delaware Technical and Community College, Georgetown. Contact Gene Pettingill, (302) 323-4542 or Ron Amirikian, (302) 739-4791.

**23 - Stormwater Pond Maintenance workshop,** 7-9 p.m., DelDOT Felton Room. Please use the USDA Service Center entrance (north entrance, 800 Bay Road, Suite 2). Contact Beth Krumrine, (302) 739-4411.

**23 - Public workshop on a draft rule to amend Regulation 25 “Requirements for Preconstruction Review,”** 6-9 p.m., Stanton Campus, Delaware Technical and Community College. Contact Gene Pettingill, (302) 323-4542 or Ron Amirikian, (302) 739-4791.

**24 - Public workshop on a draft rule to amend Regulation 25 “Requirements for Preconstruction Review,”** 6-9 p.m., DNREC Auditorium, Richardson and Robbins Building, 89 Kings Highway, Dover. Contact Gene Pettingill, (302) 323-4542 or Ron Amirikian, (302) 739-4791.

**30 - Coastal Zone Industrial Control Board hearing-BP appeal of DNREC Coastal Zone Act status decision,** 10 a.m., Stanton Campus, Delaware Technical and Community College. Contact Gail Donovan, (302) 739-6400.

### APRIL

**2 - Annual Beach Grass Planting,** 9 a.m. – noon, Delaware Beaches. Contact Jennifer Luoma Wheatley, (302) 739-4411.

**2 – First Saturday in the First State,** 9 a.m. – 5 p.m. Downtown Dover. For more information call (302) 739-1173.

**7 – Public hearing, proposed amendments to 2001 Murderkill River Total Maximum Daily Loads Regulation,** 6 p.m., Felton Fire Hall, 9 E. Main St., Felton, Del. Contact Hassan Mirsajadi@state.de.us, Watershed Assessment, (302) 739-4590.

**14 – Water and our Changing Landscape: Perspectives from the Wild and Scenic White Clay Creek Watershed** – a symposium hosted by the White Clay Creek Watershed Management

Committee, Clayton Hall, University of Delaware. For more details/updates, visit: [www.whiteclay.org](http://www.whiteclay.org), or contact Linda Stapleford, [riveradministrator@whiteclay.org](mailto:riveradministrator@whiteclay.org), (302) 731-1756. **23 – Christina River Cleanup**, 8 a.m. – noon, Christina River. Contact Thomas Moran, (302) 836-2555.

**19 – Community Involvement Advisory Council meeting**, 9:30-11:30 a.m., Appoquinimink State Service Center. Contact Karen Garrison, (302) 739-4403.

Park Offices:

Brandywine Creek State Park, (302) 577-3534; Nature Center, (302) 655-5740

White Clay Creek State Park, (302) 368-6900; Nature Center, (302) 368-6560

Bellevue State Park, (302) 577-3390; Arts Center, (302) 577-6540

Trap Pond State Park, (302) 875-5153; Nature Center, (302) 875-5163

Lums Pond State Park, (302) 368-6989; Nature Center, (302) 836-1724

Fort Delaware State Park, (302) 834-7941

Killens Pond State Park, (302) 284-4526

Cape Henlopen State Park, (302) 645-8983; Nature Center, (302) 645-6852

***Duck and Trout Stamp Winners*** continued from page 1

The 2006 Trout Stamp winner was Jeffrey Klinefelter of Etna Greene, Indiana, who also created the winning design for the 2003 and 1997 Delaware Duck Stamps and placed second in the 2004 Delaware Trout Stamp. He will receive \$250 and retain the rights to reproduce and sell prints.



*continued on page 4*

The Duck Stamp Contest judges were Robert Trapani, president of the Delaware River and Bay Lighthouse Foundation; Rusty Harvey, executive director of Delaware Wild Lands, Inc.; Dr. Kathleen Berhalter, artist and art studio owner; Larry Marvel, Dover Litho Printing Company; Ted Palmer, of the University of Delaware Cooperative Extension Service; and alternates, Arthur Straughn, Bombay Hook National Wildlife Refuge; and Dr. Donald Parks of Delaware State University and director of the Arts Center Gallery.

Selecting Best of Show for the Trout Stamp art contest were Charlie Miller, professional biologist with Environmental Consulting Services, Inc.; Larry Marvel, printer; Doug Gibson, renowned decoy carver and conservationist; Rick Stephens, Delaware Trout Unlimited board member; and Ed O'Donnell, Delaware Trout Association board member and life-member of Trout Unlimited. The Division of Fish and Wildlife, in partnership with Ducks Unlimited, began the duck stamp and print program in 1980 to raise funds for waterfowl conservation, including acquiring and improving the wetland habitats that are vital for the survival of migratory waterfowl. To date, almost \$2 million has been raised.

The stamps are required in Delaware when hunting migratory waterfowl species. They will go on sale July 1 at the Division of Fish and Wildlife offices in Dover, at license agents throughout the state or online at [www.dnrec.state.de.us/fw](http://www.dnrec.state.de.us/fw). Collector stamps and prints are sold only at the Division's administrative offices.

The Game and Fish Commission, now the Division of Fish and Wildlife, began requiring trout stamps in the 1950s. Trout stamp art was first used in 1977. To fish in Delaware's designated trout streams, from the annual opening of trout season on the first Saturday in April through June 30, and from the first Saturday in October through Nov. 30, resident anglers ages 16 to 65 must have a Delaware Trout Stamp. Twelve- through 15- year-old residents must have a Young Angler Trout Stamp. All non-resident anglers 12 and older are required to have a Non-Resident Trout Stamp. Trout stamp requirements also apply to the two ponds that are stocked with trout in March in Kent and Sussex counties.

*For further information, contact Laura Rau, contest coordinator, (302) 739-5841.*



Mari-Carmen Audinot

Duck Stamp contest winner Joanna Rivera displays her winning artwork. To her left are Duck and Trout Stamp Contest Coordinator Laura Rau and Fish and Wildlife Division Director Patrick J. Emory.

*continued on page 5*

## **Delaware National Estuarine Research Reserve's Blackbird Creek Property Expands with Purchase of Additional Acreage**

The Delaware Coastal Programs of the Department of Natural Resources and Environmental Control announces the acquisition of 85 acres located at 789 Blackbird Landing Road, and 62 acres located at 801 Blackbird Landing Road, both in Townsend, Del. by the Delaware National Estuarine Research Reserve.

These properties will be included in the boundaries of the Blackbird component of the Reserve. They were purchased with funds from the U.S. Department of Commerce and State of Delaware. The Reserve received a \$2.5 federal appropriation for land acquisition in October 2004. This appropriation was made possible through the hard work and support of Delaware's Congressional Delegation, Senators Joseph R. Biden Jr. and Thomas R. Carper and Representative Michael N. Castle.

The Reserve's mission is to preserve and manage its natural resources as a place for research and education and outreach programs that promote better understanding of Delaware's estuarine and coastal areas, and to promote informed coastal decision-making.

"The acquisition of this acreage and another 8-acre parcel purchased in late 2003 means that 155 additional acres have been permanently protected along Blackbird Creek over the last 18 months," said Gov. Ruth Ann Minner. "Not only will these purchases yield research and educational opportunities, the land will be managed for restoration and protection of native habitats."

The Reserve will begin offering guided field trip opportunities as early as this spring. School districts in the area have long benefited from classroom visits by Reserve staff as well as field trips to the St. Jones component in Dover. The new Blackbird properties will allow for increased programming and services to local schools as well as decision-makers and researchers.

The Delaware National Estuarine Research Reserve is a partnership between DNREC and the National Oceanic and Atmospheric Administration.

*To learn more about the Reserve, visit the web site at: [www.dnrec.state.de.us/DNREC2000/Divisions/Soil/DNERR/](http://www.dnrec.state.de.us/DNREC2000/Divisions/Soil/DNERR/) or contact: Mark Del Vecchio, manager, (302) 739-3436, [mark.delvecchio@state.de.us](mailto:mark.delvecchio@state.de.us); Dave Carter, Delaware Coastal Programs, (302) 739-3451, [david.carter@state.de.us](mailto:david.carter@state.de.us); or Delaware Coastal Programs Administrator Sarah Cooksey, (302) 739-3451, [sarah.cooksey@state.de.us](mailto:sarah.cooksey@state.de.us)*

## **Coastal Zone Status Decision Application from Alma Available for Review**

The Department of Natural Resources and Environmental Control invites the public to review an application for a Coastal Zone Act status decision from Alma LLC of New Castle to establish a 5-10 acre bulk product transfer operation at 601 Christiana Avenue, Wilmington, Del.

Alma proposes to use the transfer operation to move construction and demolition debris from a docking facility on to barges and move the material out of state for recycling or disposal. According to Alma's application, no manufacturing will take place and no hazardous waste will be managed or disposed of at this site. The barges will be loaded by crane or conveyor belt.

*continued on page 6*

Environmental impacts appear to consist of air emissions from a diesel engine and some dust. The application is available for public review at DNREC's offices at 89 Kings Highway in Dover and 715 Grantham Lane south of New Castle, the Hockessin Public Library, the Wilmington Public Library and the Delaware City Public Library.

Comments concerning the application should be sent to: DNREC, 89 Kings Highway, Dover, DE 19901, attention Dennis Brown, by close of business (4:30 p.m.) Monday, March 28.

*For questions or additional information, contact Dennis Brown, Planning and Compliance Assistance, (302) 739-3091.*

## **Seaford School District Signs ENERGY STAR Partnership**

The Department of Natural Resources & Environmental Control's Energy Office announces that the Seaford School District signed a partnership with the ENERGY STAR program on Monday, March 14. The signing ceremony was held in the Ashok Champaneria Board Room of the Seaford School District Offices.

The Seaford School District has been very proactive in improving their energy efficiency. They've made significant improvements to their boiler systems and electrical equipment and the ENERGY STAR partnership is one more step the District is taking to improve their energy efficiency. Through this partnership, the District agrees to measure and track the energy performance of their buildings and make the appropriate energy efficiency improvements. All of these improvements help Seaford School District to save on energy costs while helping to protect Delaware's natural resources.

ENERGY STAR is a government-backed program helping businesses and individuals protect the environment through superior energy efficiency. Results are already adding up. Americans, with the help of ENERGY STAR, saved enough energy to power 20 million homes and avoid greenhouse gas emissions equivalent to those from 18 million cars – all while saving \$8 billion.

Governor Minner signed the ENERGY STAR partnership for the State of Delaware on Feb. 27, 2004.

*To learn more about the State's ENERGY STAR Program, please contact Jenefer Russum, Energy Office, DNREC, (302) 739-1530. Also visit the State's website at [www.deleware-energy.com](http://www.deleware-energy.com).*

## **City of Seaford Receives Regional Award for Environmental Performance**

The U.S. Environmental Protection Agency presented the City of Seaford, Del. with a regional award for excellence in operation and maintenance of its wastewater treatment facility March 2 in Seaford.

The award honors the staff involved in the day-to-day operations of the facility, and recognizes local officials for their commitment to maintain and protect their community's environment. The township is receiving the award in the "medium-advanced" category, which consists of facilities that treat more than one million gallons, but less than 10 million gallons of sewage per day.

"Many significant improvements in our nation's water quality can be attributed to better wastewater treatment. This award recognizes the outstanding job that people in Seaford are doing to protect the environment," said Donald S. Welsh, regional administrator for EPA's mid-Atlantic region.

*continued on page 7*

EPA reviews mountains of data and inspects the facilities to determine the winners of this award. Award recipients are selected for their performance in complying with wastewater discharge permits, maintenance management, laboratory practices, personnel training, and public awareness needs.

Welsh said the management and staff of the Seaford wastewater treatment plant are to be congratulated for their professionalism and determination. He said it's evident that the staff involved in the day-to-day operations of the facility are highly trained and devoted to the environment.

*For further information, contact Roy Seneca, EPA, (215) 814-5567.*

## **DNREC Publishes Second Annual Enforcement and Compliance Report**

Department of Natural Resources and Environmental Control Secretary John A. Hughes announced last week the publication of the agency's second Enforcement and Compliance Annual Report.

The annual report was developed with enforcement and compliance information compiled from each of DNREC's regulatory and compliance assistance programs that are charged with environmental pollution control activities.

Secretary Hughes notes in the introductory message that the report serves two important purposes: "as a self-evaluation tool and to educate and inform the general public, legislators and DNREC's regulated community of our efforts in compliance assistance and environmental enforcement."

Highlights from DNREC's second Annual Report include:

- Explanations and examples of DNREC's efforts in providing compliance assistance to its regulated community;
- At-a-glance program information and work activity summaries for DNREC's 11 regulatory enforcement programs;
- Summaries of DNREC's administrative, civil and criminal enforcement actions.

The time period covered by the second Annual Report is State Fiscal Year 2004 (7/1/03 to 6/30/04). Future Annual Reports will be issued in late summer/early fall, after DNREC programs have finalized statistical information at the end of the state fiscal year.

The second DNREC Enforcement and Compliance Annual Report is available on the Internet or by request from the Department at 302-739-4403. The Internet version can be found at <http://www.dnrec.state.de.us/DNREC2000/Admin/Enforcement/SecondEnforcementReport.pdf>

*For additional information, contact Robert Zimmerman, Director of External Affairs, (302) 739-4403, or Maria Taylor, Public Affairs Office (302) 739-4506.*

## **Division of Fish and Wildlife Seeks Recruits for Piping Plover Patrol**

Piping plovers will be returning to Delaware's beaches and dunes in coming weeks and Marnie Pepper, a Division of Fish and Wildlife environmental scientist and primary plover monitor, is already looking for ways to help the federally threatened species maintain its tenuous toe-hold in the state, and hopefully make some headway.

*continued on page 8*

After a disappointing 2004 season, with only eight chicks fledging from the seven nesting pairs at Cape Henlopen State Park, Pepper is recruiting a piping plover patrol to help her protect the nests and chicks from human disturbances and to help educate the public.

“Last year there were 18 volunteers and they were a huge help,” Pepper said. She has scheduled this year’s volunteer training meeting for 9:30 a.m. April 9 at Cape Henlopen State Park’s Biden Center. “People who are interested can call me to sign up at the Delaware Natural Heritage and Endangered Species office at 302-653-2880, on my cell phone at 302-382-4151, or by e-mail at Margaret.Pepper@state.de.us.”

The Point at Cape Henlopen has been closed since March 1, as it is every year, to give plovers and other beach-nesting and foraging birds the best possible chance at reproductive success.

“As the birds arrive and begin their courtship rituals and choose nesting sites, we will be monitoring their activities,” Pepper said. “Once they start laying eggs, we may have to close other stretches of the beach to protect the difficult-to-see nests from disturbance.” Last year, in addition to the nests at the Point, there were nests at the park’s Gordon’s Pond area. In past years, plovers also have nested at Delaware Seashore State Park.

Until all the eggs are hatched and the chicks are able to survive on their own, the state’s Piping Plover Recovery Program needs volunteers to assist in protecting the nesting areas, to report threats to the birds, and to inform beachgoers about the designated areas.

“The work can be very rewarding,” said Pepper. “Volunteers will have the opportunity to positively impact nesting success for piping plovers in Delaware.”

The small sand-colored shorebirds are very sensitive to disturbances, Pepper said. “Although we fence the closed areas and post signs, too many people and/or their dogs still enter nesting areas. When they do, they can harm the birds by stepping on eggs, causing adults to flush off nests, and interrupting feeding. Well-fed, healthy birds have the best chance of survival and reproduction.”

Volunteers should be able to walk to monitoring stations on the beach, up to a quarter of a mile from parking areas.

*For more information, contact Marnie Pepper, Delaware Natural Heritage and Endangered Species Program, (302) 653-2880 or (302) 382-4151.*

## **Cape Henlopen State Park’s Point Closed Effective March 1 for Beachnesting Season**

The Point at Cape Henlopen State Park, including a quarter mile stretch of ocean beach and dunes and a half mile along the bay shoreline, was closed March 1 for the benefit of piping plovers, oystercatchers, least terns and other threatened and endangered beachnesters and migratory shorebirds.

The nesting habitat on the ocean side will reopen on Sept. 1, by which time the season’s young birds are typically able to fly. The bayside beach will remain closed until Oct. 1 for use by shorebirds migrating south for the winter.

The Department of Natural Resources and Environmental Control’s divisions of Parks and Recreation, Fish and Wildlife, and Soil and Water Conservation have been working together since 1990 to implement a management plan to halt the decline of beachnester and migratory shorebird populations. The Point has been closed annually since 1993.

*continued on page 9*

“DNREC is committed to providing protection for these species, hopefully to prevent them from completely disappearing from the state,” says Park Administrator Pat Cooper. “We appreciate the public’s cooperation in this effort.”

*For more information, contact the Cape Henlopen State Park office, (302) 645-8983.*

## **Division of Fish and Wildlife Stocking Trout**

In preparation for the 2005 trout season, the Division of Fish and Wildlife stocked Tidbury Pond near Dover and Blockhouse Pond in Lewes on March 3 and plans to stock the ponds again on March 17. Approximately 2,200 rainbow trout will be stocked in the two ponds – 550 each day in each location.

According to Division fisheries biologist Craig Shirey, Delaware’s stocking program is “Put-and-Take” since trout are cold water fish and can only survive until water temperatures reach 75 degrees Fahrenheit. Anglers are allowed to keep what they catch, up to a daily limit of six trout.

The average length will be 11 inches, but there also will be some “trophy-sized” rainbows or brown trout. The smaller trout will average about half a pound, while the trophies will be at least two pounds each and over 14 inches.

Trout fishermen are reminded that, in addition to the normal freshwater fishing license requirements, they also must purchase a trout stamp (\$4.20 for those 16 years and older) or a youth stamp (\$2.10) for boys and girls between ages 12 and 15 years.

Higher stamp and license prices apply to non-residents, but are still very reasonable compared to other states throughout the country. All proceeds from the sale of the stamps will be used to buy the hatchery-raised fish for next year.

Tidbury Pond is owned and managed by Kent County Parks and Recreation and anglers should be respectful of the vegetation and the fences erected to protect the landscaped areas.

The Division is looking at a recently acquired 10-acre pond near Greenwood for the stocking program, hopefully by next year, said Fisheries biologist Craig Shirey. “The site was a borrow-pit and we need to improve the parking area and do some grading to allow fishermen to spread out along the shoreline. We’ve tested the water and the trout can survive in there, at least while the water remains cool, but we have some problems with shoreline erosion and access that need to be taken care of before we start stocking trout.”

Since its inception, the heart of Delaware’s trout program has been in the cooler streams of northern New Castle County: White Clay Creek, Christina Creek, Pike Creek, Beaver Run, Wilson Run and Mill Creek.

This year, some 31,000 trout will be stocked in the upstate streams on nine dates beginning March 28. All of the streams will receive a heavy stocking prior to the season opening at 7:30 a.m. on Saturday, April 2, and stocking will continue through April 21.

“Our trout program suffered last year as a result of the drought we had a couple of years before,” according to Shirey. “Due to the low water levels throughout the region and low fish production, the price was sky-high. To remain within our budget, we had to cut way back on rainbows and purchase fish from western North Carolina. Thanks to better conditions, this year all of our trout are coming from central Pennsylvania, and much better prices are allowing us to significantly increase the number of fish stocked.”

*continued on page 10*

Details of the trout stocking schedule are available on-line ([www.dnrec.state.us/fw](http://www.dnrec.state.us/fw)) and schedules will be available at local tackle shops.

*For further information, contact Fisheries, (302) 739-3441.*

## **Public Workshop on Draft Regulations Governing Beach Protection and Use of Beaches Set for March 16**

The Delaware Department of Natural Resources and Environmental Control, Shoreline and Waterway Management Section will a Public Workshop regarding the draft “Regulations Governing Beach Protection and the Use of Beaches,” at 2 p.m., Wednesday, March 16 at City Hall, 229 Rehoboth Avenue, Rehoboth Beach. Construction standards are now included in the draft regulations to help reduce property damage during storms and new building line maps will be available for viewing at the workshops.

Construction standards to be discussed include:

- Piling depths needed for homes in the Beach and Erosion zones
- Elevation requirements for homes and utilities
- Requirements for parking lots, driveways and other ground level surfaces

Other issues to be discussed include:

- Prohibited construction activities in the dune area
- Permitted construction activities behind the dune
- Remapping of the DNREC Building Line

A copy of the draft regulations is available online at DNREC’s website, [www.dnrec.state.de.us/dnrec2000/Divisions/Soil/ShorelineCons/Workshopdraft.pdf](http://www.dnrec.state.de.us/dnrec2000/Divisions/Soil/ShorelineCons/Workshopdraft.pdf)

Copies of the draft regulations are available by request. Statements and testimony may be presented either orally or in writing at the workshop. It is requested that those interested in presenting statements at the workshop register in advance and submit written statements and comments to: Maria Sadler, Shoreline and Waterway Management Section, Department of Natural Resources and Environmental Control, 89 Kings Highway, Dover, DE 19901.

*For more information, contact Maria Sadler, Shoreline and Waterway Management Section, (302) 739-4411.*

## **Advisory Council on Tidal Finfisheries to Meet March 16 in Dover**

The Advisory Council on Tidal Finfisheries will meet at 7 p.m. Wednesday, March 16 in the Department of Natural Resources and Environmental Control auditorium, Richardson and Robbins Building, 89 Kings Highway, Dover.

The agenda will begin with an introduction and approval of minutes and continue with the following items:

- Update on issue with gill net licenses and striped bass tags for five New Jersey residents
- Update on action proposed by Council on the issue of late finfish catch reports
- Update on status of weakfish stocks
- Report on new regulations
- a. Commercial striped bass season extension size limit

*continued on page 11*

- b. Recreational shark limit
- c. Minimum age for commercial finfish license applicants and recreational gill nets
- d. Proposed winter flounder size, creel limit, and season
  - Announcement of public hearing on ASMFC eel public information document
  - Agenda items for next meeting and meeting date

*For further information, please contact Roy Miller, Fisheries, (302) 739-3441.*

### **Surface Water Management Task Force Meeting Set for March 17**

The Surface Water Management Task Force will meet at 9 a.m. Thursday, March 17 at the Delaware National Estuarine Research Reserve, (St. Jones Reserve), 818 Kitts Hummock Road, Dover, Del.

The agenda for the task force meeting includes subcommittee reports along with general comments and an opportunity for public comment.

The task force, which includes officials from state, county and local governments, as well as the private sector, is charged with recommending changes to state or local laws and policies while ensuring that any new policies comply with state and federal water quality requirements. It also will study the costs and potential sources of funding for a statewide plan to minimize flooding and drainage problems. When possible, the group will recommend strategies that will preserve and enhance the recharge of aquifers and the uses of open space, consistent with Livable Delaware policies and habitat conservation strategies.

*For further information, contact Frank Piorko, Soil & Water Conservation (302) 739-4411 or Melinda Carl, Public Affairs Office (302) 739-4506.*

### **DNREC to Hold Public Hearing on Proposed Amendments to Murderkill River TMDL April 7 in Felton**

The Department of Natural Resources and Environmental Control will hold a public hearing on proposed amendments to the 2001 Murderkill River Total Maximum Daily Loads (TMDLs) Regulation at 6 p.m. Thursday, April 7 at the Felton Fire Hall, 9 E. Main St., Felton, Del.

The Department is proposing to amend the TMDLs for nutrients and oxygen demanding materials for the entire Murderkill River Watershed, including its tributaries and ponds. The TMDLs establish the maximum amount of pollutants that can be discharged to a waterbody from point and nonpoint sources while maintaining water quality standards.

The Murderkill River TMDL Regulation adopted in December 2001 was appealed by the Kent County Levy Court, which owns and operates the Kent County Wastewater Treatment Plant facility. Following settlement negotiations and additional technical studies, the Department concluded that the original hydrodynamic and water quality model used to develop the TMDL needed to be updated and the 2001 TMDL needed to be amended.

Copies of the proposed amended regulation and supporting technical document are available at the Department website at: <http://www.dnrec.state.de.us/water2000/Sections/Watershed/TMDL/tmdlinfo.htm>, or by contacting the Watershed Assessment Section, (302) 739-4590.

Written comments are encouraged to be submitted in advance of the hearing and no later than

*continued on page 12*

the conclusion of the hearing, at which time the record will close. Written comments should be sent to: Hassan Mirsajadi, DNREC Division of Water Resources, Watershed Assessment Section, Silver Lake Plaza, 820 Silver Lake Boulevard - Suite 220, Dover, DE 19904-2464; Telephone (302) 739-4590; Facsimile: (302) 739-6140; E-mail, Hassan.Mirsajadi@state.de.us.

*For further information, contact the Watershed Assessment Section, Division of Water Resources, (302) 739-4590.*

## **Is Your Dog Licensed? Don't Risk Incurring a Fine**

DNREC's Division of Fish and Wildlife urges all dog owners to make sure their dogs are licensed. All dog owners in Delaware, except for those residing within Wilmington, which issues its own licenses, must have their dogs licensed by March 1 of each year.

The fine for an unlicensed dog ranges from \$50 to \$100 for a first offense.

Licenses may be purchased at the Division's Dover office at 89 Kings Highway or at many veterinary clinics, pet shops, sporting goods and department stores. A complete listing of license agents may be found at [www.dnrec.state.de.us/fw/licagt.htm](http://www.dnrec.state.de.us/fw/licagt.htm). In addition, dog licenses may be purchased online at [www.dnrec.state.de.us/fw](http://www.dnrec.state.de.us/fw). A current certificate of rabies immunization, signed by a veterinarian, is required to purchase a license.

To encourage spaying and neutering, licenses for sterilized dogs cost \$3 for one year; licenses for unsterilized dogs are \$6. Two-year and three-year licenses are available if a rabies certificate is valid for the period. Licenses are not required for Seeing Eye, lead or guide dogs.

Fish and Wildlife Director Patrick Emory notes that many dog owners are unaware of their legal obligation to license house dogs. "Only a small percentage of dogs in the state are licensed," said Emory. "People are encouraged to obtain the licenses in order to avoid being fined."

Funds generated by the license sales are provided to the Delaware SPCA and the Kent SPCA, which are under contract to enforce laws and respond to problems such as loose dogs and dog bites.

According to Lynn Herman, Dog Control Administrator, licensing not only benefits dogs and their owners, it benefits the entire community by preventing the spread of rabies, reunites lost dogs with their owners and helps dog control officers with all types of dog-related problems.

Wilmington residents are advised to call the City of Wilmington's Constituent Services Office, (302) 576-2489 for dog licensing information.

*For further information, contact Lynn Herman, DNREC Dog Control administrator, (302) 739-5296 or Public Affairs, (302) 739-4506.*

## **DNREC Issues Notice of \$24,000 Penalty to Seawatch International for Air Permit Violations**

Department of Natural Resources and Environmental Control Secretary John A. Hughes has issued a Notice of Administrative Penalty Assessment and Secretary's Order to Seawatch International Ltd. for violations of Delaware's regulations governing the control of air pollution. The Order includes a cash penalty of \$24,000 and an additional \$1,125.65 as cost recovery reimbursement to the Department for expenses associated with its investigation.

Seawatch International processes and cans clams at its facility located at 242 South Rehoboth Boulevard in Milford, Del. These activities can produce substantial odors such as ammonia vapors. A contact chamber/scrubber system is utilized at the facility to reduce the odors.

During a facility compliance inspection by the Department, a review of the records indicated that the required semi-annual testing for ammonia emissions had not been conducted in calendar year 2003. It was also noted that the equipment to control odors was not operating and had not been operated since December 2002 while the company was processing clams as required by the facility permit.

Seawatch International was found in violation of the air regulations and its operating permit for not conducting required testing and not operating air pollution control equipment at its Milford facility.

Seawatch International has 30 days to request a public hearing.

*For further information, contact Nancy Terranova, Air Quality Management, (302) 739-4791, or Melinda Carl, Public Affairs Office, (302) 739-4506.*

### **DNREC Issues Notice of \$20,000 Penalty to Perdue Farms of Bridgeville for Air Pollution Violations**

Department of Natural Resources and Environmental Control Secretary John A. Hughes has issued a Notice of Administrative Penalty Assessment and Secretary's Order to Perdue Farms Inc. for violations of Delaware's regulations governing the control of air pollution. The Order includes a cash penalty of \$20,000 and an additional \$1,032.10 as cost recovery reimbursement to the Department for expenses associated with its investigation.

Perdue Farms Inc. owns and operates a chicken feed mill at 16447 Adams Road in Bridgeville, Del. where it receives and processes grain and other products to produce feed for chickens. Emissions from the production of chicken feed include particulate matter.

During a May 12, 2004 annual inspection of the facility by the Department, the company indicated that due to a productive harvest, the grain storage loadout exceeded permit limits for particulate matter and production (processing). Perdue Farms subsequently submitted a letter to the Department May 26, 2004 indicating it had exceeded its maximum 1.2 tons particulate emissions per rolling 12-month period during the months July 2003 through April 2004, and exceeded the production limit of 28,000 tons of grain during the months July 2003 through April 2004.

Perdue Farms Inc. violated Delaware Law and its permit conditions by exceeding the maximum particulate emissions and production limits during 10 consecutive rolling 12-month periods.

The company has 30 days to request a public hearing.

*For further information, contact Nancy Terranova, Air Quality Management, (302) 739-4791, or Melinda Carl, Public Affairs Office, (302) 739-4506.*

### **DNREC Issues Notice of \$7,500 Penalty to D & B Products-Multi-Tech for Air Permit Violations**

Department of Natural Resources and Environmental Control Secretary John A. Hughes has issued a Notice of Administrative Penalty Assessment and Secretary's Order to D & B Products Insulation Division – Multi-Tech Inc. for violation of Delaware's regulations governing the control of air pollution. The order includes a cash penalty of \$7,500 and an additional \$1,185.20 as cost recovery reimbursement to the Department for expenses associated with its investigation.

D & B Products, Insulation Division – Multi-Tech Inc. manufactures electrical wire insulation

at its facility at 2-4 Cedar Creek Road in Georgetown, Del. Emissions from the manufacturing process include volatile organic compounds and hazardous air pollutants.

The air permit for the facility requires that the company submit an annual compliance report by Feb. 1 of each year. The company did not submit a complete 2003 Annual Compliance Certification to the Department by Feb. 1, 2004, as required by its Regulation No. 30 operating permit.

D & B Products Insulation Division – Multi-Tech, Inc. was found in violation of the state’s air regulations and its operating permit for failing to submit a timely and complete Annual Compliance Certification Report for the year 2003.

The company has 30 days to request a public hearing.

*For further information, contact Nancy Terranova, Air Quality Management, (302) 739-4791, or Melinda Carl, Public Affairs Office, (302) 739-4506.*

## 2005 Fishing Guide Available

The Division of Fish and Wildlife’s 2005 Fishing Guide is now available to anglers, clambers, crabbers, and recreational boaters throughout Delaware.

The 2005 Guide contains maps and information on freshwater fishing, salt water fishing, clamming, trout fishing, and artificial reefs. The latest seasons, size and creel limits for tidal and non-tidal fish are provided. One section deals with crabbing and provides pictures to help identify male and female crabs; another discusses the best methods for handling and releasing fish. Clamming maps and legend are included.

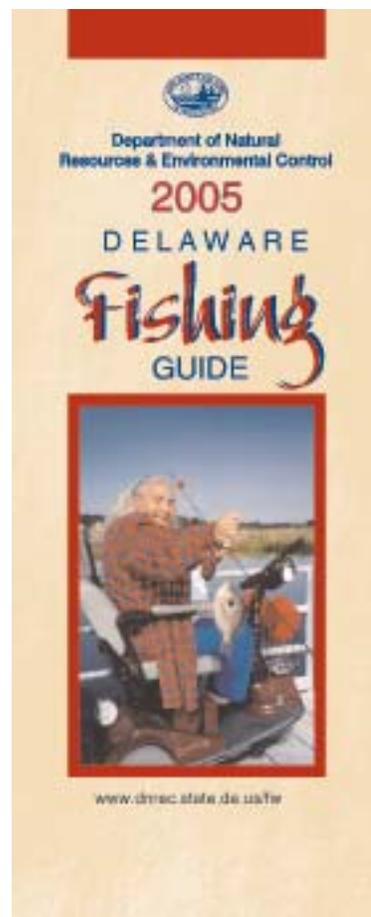
New this year is the ban on snakeheads. It is unlawful to transport, purchase, possess, or sell live northern snakehead fish or blotched snakehead fish in Delaware. In addition, federal law prohibits anyone from importing or transporting beyond state boundaries any snakehead fish of the family Channidae.

Those interested in sharks will find drawings of the common sharks in the Delaware Bay and a discussion of their management. The popular, colored illustrations of Delaware’s most common fresh and saltwater fish are included as well as a listing of their minimum qualifying weights for the Delaware Sport Fishing Tournament. Comprehensive fish consumption advisories are provided with accompanying tips to reduce health risks.

Water access areas and Parks and Recreation launch areas are listed and mapped and the state’s boating laws and safety information are provided for boaters.

The 2005 Fishing Guide is available free at sporting good stores, fishing license agents, bait and tackle shops, and state parks. Individuals may also pick one up at the front desk of the Department of Natural Resources and Environmental Control Offices located at 89 Kings Highway in Dover. It can also be viewed online on the Department’s website at: <http://www.dnrec.state.de.us/fw>.

*For more information on the nearest license agent, call (302) 739-4431 or view the complete list online at [www.dnrec.state.de.us/fw/licagt.htm](http://www.dnrec.state.de.us/fw/licagt.htm). For additional information, call Fisheries, (302) 739-3441.*



## Regulatory Update

### Recently Adopted Regulations and Regulations Under Appeal

2004-13: **Amendment to Tidal Finfish Regulation No. 3505. Striped Bass Commercial Fishing Season; Quotas; Tagging and Reporting Requirements.** This action increases commercial gill net season for striped bass to extend from Feb. 15 through May 31 instead of the present March 1-April 30 open season and requires the use of drift nets for any gill nets having a mesh size of 4 inches or greater that are used to take striped bass during the February striped bass season extension. This action also increases the duration of the commercial hook and line fishing season for striped bass from April 1 through and including Dec. 31 instead of Sept. 1 through Dec. 31; and requires the use of non-offset “circle hooks” when fishing with natural bait in the designated striped bass spawning areas during the April 1-May 31 spawning season to reduce mortality rates from catch and release recreational fishing. Required use of circle hooks only applies to hooks having a gap greater than 3/8 inches as measured from the hook point to the shank. Contact Roy Miller, 739-3441

**Effective date – Feb. 10, 2005**

2004-12: **Addition to Regulation No. 43 – Not To Exceed Heavy Duty California Engine Standards.** This action adopts the Heavy Duty Diesel portion of the federal rule on 2007 and later heavy duty engines in order to preserve the emission reduction benefits of that rule should EPA delay, diminish or even delete its adopted rule. This action is a “backstop” action that would only become necessary and in effect on 2007 and later model year heavy duty diesels if EPA takes any of the three options. Contact Philip Wheeler, 323-4542

**Effective date – Feb. 10, 2005**

2004-06: **Amendments to Delaware Regulations Governing Aboveground Storage Tanks.** This action addresses the signage requirements passed in Senate Substitute 1 for Senate Bill 344 and provides clarification to portions of the regulations. The regulations impact all owners of hazardous substance aboveground storage tanks greater than 250 gallons, owners of petroleum aboveground storage tanks other than heating fuel, diesel and kerosene greater than 250 gallons, unless otherwise exempt, and owners of heating fuel, diesel and kerosene aboveground storage tanks greater than 19,999 gallons. This includes both large and small businesses, some agricultural companies and farms. Contact Alex Rittberg, 395-2522

**Effective date – Feb. 11, 2005**

2001-21: **Amendments to Sediment and Stormwater Regulations.** This action allows a greater degree of flexibility for types of practices that could be considered for approval and would result in more low-impact stormwater practices such as bio-retention, bio-swales and buffers being used to meet water quality requirements. Contact Frank Piorko – 739-6724

**Effective date – Feb. 11, 2005**

97-11: **Implementation of September 27, 1994 MOU among Ozone Transport Commission states on development of a regional strategy for control of stationary source Nitrogen Oxide (NOx) emissions.** This regulation reduces NOx emissions from fossil fuel fired boilers or indirect heat exchangers with a maximum rated heat input capacity of 250 MMBTU/hr, or more; and all electric generating facilities with a rated output of 15 MW, or more. Contact: Ron Amirikan – 323-

4552. **Effective date - April 1, 1999.**

**April 16, 1999 - Appealed** to Environmental Appeals Board by Motiva Enterprises and Delmarva Power and Light Company; **April 20, 1999 -** Motiva and Delmarva Power filed a civil action for a review of the Order in Superior Court for New Castle County.

### **Regulatory Actions Underway:**

2005-01: **Amendments to Tidal Finfish Regulations affecting the 2005 recreational summer flounder fishery and recreational black sea bass fishery.** Delaware can maintain the same management measures used in 2004 for the 2005 recreational summer flounder fishery since the harvest cap was not exceeded in 2004. Six of the eight options that were presented in 2004 and will be presented again include extended seasonal components to compensate for an 8 percent increase in the state's harvest cap for 2005. Another amendment to the tidal finfish regulations will eliminate any reference to a closed season for recreational black sea bass anglers in 2005. This is proposed because the coast wide requirements for recreational black sea bass fishermen in 2005 are a 12-inch minimum size length with a 25-fish creel limit and no closed season. Contact Richard Cole, 739-4782

**Public hearing held Feb. 24 in Dover.**

2004-16: **Total Maximum Daily Loads (TMDLs) for nutrients, oxygen demanding materials, and bacteria for Shellpot and Naamans Creek in Delaware.** This regulation will establish a cap for the amount of nutrients, oxygen demanding materials and bacteria that can enter the waters of Shellpot Creek and Naamans Creek. This action is necessary to improve water quality and help maintain fishable and swimmable waterways for citizens of the state. Contact John Schneider, 739-4590

2004-16: **Amendment to Regulation 25, "Requirements for Preconstruction Review" of the state's Regulations Governing the Control of Air Pollution.** Under this action, the Department will evaluate the revised federal requirements for the state's new source review program; either incorporate, incorporate with changes or not incorporate the new requirements/concepts into Regulation 25; and ensure that Regulation 25 is at least as stringent as the federal requirements, as required. Contact Gene Pettingill, 323-4542

2004-15: **Amendment to Regulations Governing the Control of Water Pollution.** This action would establish a general permit program for Confined Animal Feeding Operations (CAFOs). DNREC developed the proposed regulations cooperatively with the Department of Agriculture, Delaware Nutrient Management Commission, Natural Resources Conservation Service and the University of Delaware. Contact Peder Hansen, 739-5731

2004-14: **Amendment to Surface Water Quality Standards.** This action will clarify the way in which fecal enterococci determined to be of wildlife origin are considered when implementing water quality standards. Typographical errors in the existing regulation will also be corrected. Contact John Schneider, 739-4590

2004-11: **Amendment to Regulations Governing Tidal Finfish No. 3553: River Herring Creel Limit.** This action will establish a possession limit for river herring at 25 per day unless the possessor has a valid commercial fishing license or a receipt from a commercial fisherman for the river herring. The possession limit is proposed to prevent establishment of a bait fishery for river herring

in tidal tributaries. This regulation would not affect normal commercial fishing operations but will impact recreational fishermen who take live river herring as bait for sale. Contact Roy Miller, 739-3441

**2004-10: Amendment to Delaware's Phase II Attainment Demonstration State Implementation Plan by completing the mid-course review requirement.** Delaware is required to submit to EPA a plan revision to demonstrate its capability of attaining the 1-hour National Ambient Air Quality Standard for ground-level ozone in Kent and New Castle counties in 2005. The mid-course review will analyze Delaware's ambient air quality and emission data to demonstrate (1) adequate progress in emission control has been made under the 1-hour ozone standard that will be revoked in 2005, and (2) such progress is consistent with attaining the new 8-hour ozone standard in 2010. Contact Frank Gao, 323-4542

**2004-09: Delaware's proposed 2002 Milestone Compliance Demonstration.** This is a required step to attain the 1-hour National Air Quality Standard for ground-level ozone in Kent and New Castle counties. Delaware is required to submit a plan revision for each milestone year (1996, 1999, 2002 and 2005) to demonstrate that the actual emissions of volatile organic compounds and/or oxides of nitrogen in Kent and New Castle counties to not exceed the required emission targets specified in Delaware's Rate-of-Progress Plans. This action is to conduct a compliance analysis for the milestone year of 2002. Contact Frank Gao, 323-4542

**2004-08: Amendments to Non-tidal Fishing Regulations.** This action will make it unlawful for anyone to transport, purchase, possess, stock into public or private waters of the state or sell live northern snakehead fishes without the written permission of the Director of the Division of Fish and Wildlife. Contact Roy Miller, 739-3441

**2004-07: Revisions to Regulations Governing Hazardous Substance Cleanup.** This action will establish procedures for implementing the Brownfields Development Program, including participation in the new program, presumptive project and investigation procedures and work plans, public notice requirements and risk sharing agreements. Contact James Poling, 395-2636, Paul Will, 3952626 or Alex Rittberg, 395-2642.

**2004-05: Amendments to Delaware Regulations Governing Solid Waste.** This action would update and enhance various sections of the regulations and help improve understanding and implementation of the solid waste requirements. Contact Karen J'Anthony, 739-3689

**2003-24: Development of a new regulation to be added to the Regulations Governing Solid Waste.** This action would institute a ban on the disposal of yard waste in Delaware landfills, and is a critical part of a larger waste management strategy directed toward environmentally and economically efficient waste management. The waste ban is designed to: conserve capacity at existing landfills; minimize the need to construct new or expand existing landfills; signal the composting and mulching industry that these materials are available for processing and marketing; return this valuable material to the market place as opposed to landfilling it; and reduce the emission of greenhouse gases. Contact James Short, 739-3689

2003-21: **Amendment to the Total Maximum Daily Loads (TMDLs) for nutrients and oxygen demanding materials for the Murderkill River Watershed.** This action would revise the cap and is necessary in light of recently collected data. It would amend the original regulation adopted in December 2001 and would apply to the entire watershed including Browns Branch, Double Run, tidal and freshwater portions of the Murderkill River and several ponds and lakes. Contact John Schneider, 739-4590

2003-19: **Delaware Coastal Management Program Comprehensive Update and Routine Program Implementation.** This action would update all coastal management program policies to incorporate changes in state statutes, department regulations and executive orders since the last program's September 1998 update. Contact Sarah Cooksey or Bonnie Willis, 739-3451

2003-18: **New "Regulation, 45, Anti-Idling Regulation" of the state's Regulations Governing the Control of Air Pollution.** This action would regulate the idling time for operation of heavy-duty vehicles in Delaware having a gross vehicle weight rating of over 8,500 pounds. The regulation will continue state efforts to reduce emissions of NOx (nitrogen oxides), particulates and other tailpipe pollutants from vehicles operating in the state. Contact Philip Wheeler, 739-4791

2003-17: **Amendments to the Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal (Septic) Systems.** This action would update the regulations to include statutory changes that authorize DNREC to establish a license for persons who inspect septic systems and other on-site wastewater treatment systems. It also sets an annual license fee for septic system designers, installers, site evaluators, liquid waste haulers, inspectors and percolation tests, similar to other license fees charged by DNREC. Contact John Hayes, 739-4761

2003-16: **Development of a State Implementation Plan (SIP) revision to include a case-by-case alternate volatile organic compound reasonably available control technology determination.** This action would address the FP International, Newark, Del. facility's expandable polystyrene packing material manufacturing process. Contact Frank Gao, 323-4542

2003-10: **Development of a new Distributed Generation Regulation covering on-site electric generators of small to medium capacity.** In general, emissions from small and medium size on-site electric generators are currently uncontrolled in Delaware. Most of these units run on fossil fuels such as diesel and contribute to the secondary formation of ground-level ozone and fine particulate matter. Some are used to help utilities meet peak demand periods that frequently correspond with summer ozone action health alert days. This means that emissions from these units are frequently at their highest when the health threat from ozone is at its worst. Use of these units is growing and the Department is initiating this action to specifically control this category of emitters. Contact Al Deramo, 739-4791

2003-09: **Amendment to Regulations Governing the Control of Air Pollution: new section – Requirements for Minor Source Pre-Construction Review (Minor NSR).** This action would ensure that best available emission controls are installed at the time that smaller, but very significant, sources are constructed and modified to help manage Delaware's air resources. Contact Gene Pettingill, 323-4542

2003-07: **Amendments to the Regulations Governing Beach Protection and the Use of Beaches adopted in 1983.** This action would increase the effectiveness of the Coastal Construction Program and improve its protection of the beach and dune system. The amendments would reduce ambiguity, close possible loopholes and limit the amount and type of construction permitted seaward of the Building Line. Redrawing the building Line, incorporating changes to the Beach Preservation Act and adding new construction standards for waterfront buildings will result in less damage to structures and improvements to the natural dune and beach resource. Contact Maria Sadler, 739-4111

2003-03: **Re-issuance of the Regulations Governing Storm Water Discharges Associated with Industrial Activities.** The reissued regulations will expand the existing regulations to include additional requirements for discharges of storm water associated with industrial activities. Contact Amber Moore, 739-5731

2003-02: **Amendment to Subpart A, Regulation 38, Emission Standards for Hazardous Air Pollutants for Source Categories.** These general provisions establish applicability, definitions, compliance, notification, performance testing, monitoring, record keeping and reporting requirements common to the emission standards for hazardous air pollutants promulgated under Regulation 38. This action affects any owner or operator of a stationary source that is or will be subject to any standard, limitation or prohibition established by Regulation 38 and ensures consistency of Subpart A with federal changes expected in April 2003. Contact James Snead, 323-4542

2002-08: **Pollution Control Strategy (PCS) for implementing nutrient load reductions set by the TMDL for the Murderkill River and its tributaries.** The PCS will cover activities in the entire watershed, including land areas draining into Browns Branch, Double Run, tidal and freshwater portions of the Murderkill River and several ponds and lakes. This regulation will establish actions to achieve the maximum nutrient loading and is necessary to improve water quality and attain the fishable and swimmable goals of the federal Clean Water Act. Contact John Schneider, 739-4590

2002-07: **Pollution Control Strategy (PCS) for implementing nutrient load reductions set by the TMDL for the Nanticoke River, Broad Creek and their tributaries.** The PCS will cover activities in the entire watershed. This regulation will establish actions to achieve the maximum nutrient loading and is necessary to improve water quality and attain the fishable and swimmable goals of the federal Clean Water Act. Contact John Schneider, 739-4590

2002-06: **Pollution Control Strategy (PCS) for implementing nutrient load reductions set by the TMDL for Indian River, Indian River Bay, Rehoboth Bay and their tributaries.** This regulation will establish actions to achieve the maximum nutrient loading and is necessary to improve water quality and attain the fishable and swimmable goals of the federal Clean Water Act. Contact John Schneider, 739-4590

2000-23: **Amendments to Regulation 24, Control of Volatile Organic Compound (VOCs) Emissions.** This action would add a new section to the air pollution control regulations in order to control VOC emissions from lightering operations. Lightering is the transfer of cargo (usually crude oil) from ocean going vessels to service barges to allow the vessels to proceed upriver. During the cargo transfer, uncontrolled VOCs are emitted. This action is being developed to obtain additional VOC emission reductions for meeting Delaware's 1-hour ozone attainment. Contact James Snead – 323-4542

**DNREC Division Directors:**

Kevin Donnelly - Director, Division of Water Resources  
Robert S. Baldwin - Director, Division of Soil and Water Conservation  
Patrick J. Emory - Director, Division of Fish and Wildlife  
Charles A. Salkin - Director, Division of Parks and Recreation  
John B. Blevins - Director, Division of Air and Waste Management

**DNREC Public Affairs Office**

Maria A. Taylor, Director

**DNREC NEWS** is published by the Department of Natural Resources  
and Environmental Control, Public Affairs Office.

Comments are invited and should be sent to: Melinda Carl, Editor,  
DNREC NEWS, 89 Kings Highway, Dover, DE 19901  
Telephone: 302-739-4506; Fax: 302-739-6242  
[www.dnrec.state.de.us](http://www.dnrec.state.de.us)

**DNREC News Staff**

Editor: Melinda Carl

Staff Writers and Contributors: Kathleen Jamison, Jennifer Knotts

Production: Christy Shaffer

Printing: Grace Dowell

Circulation: Margie Witherspoon

DNREC  
**NEWS**

89 Kings Hwy.  
Dover DE 19901