



City of Rehoboth Beach

Wastewater Discharge Alternative Workshop

November 1, 2008

9:00 a.m. – 12:30 p.m.

Program

Welcome

Presentations from agencies on their areas of interest and comments with respect to their field on alternative discharge methods.

Bob Stenger, City Wastewater Department

Rip Copithorn, Stearns & Wheler Engineers

Michael Izzo, Sussex County Engineer

Professor Ullman, University of Delaware, College of Marine & Earth Studies

Kathy Bunting-Howarth, DNREC

Maria Sadler, DNREC

Sarah Cooksey, DNREC

Questions and Answers I:

Questions posed by the moderator from questions, concerns and comments generated from the audience at previous meetings and from the recent solicitation for comments by the City

Break

Questions and Answers II:

Audience Participation

Who's Who?

Robert Stenger, Wastewater
Department Supervisor, City of
Rehoboth Beach

Rhodes R. Copithorn, P.E., BCEE,
Vice President, Stearns & Wheler,
LLC, Environmental Engineers and
Scientists. Engineer/consultant to City
of Rehoboth Beach

Michael Izzo, Engineer, Sussex County

William J. Ullman, Professor and
Program Director Oceanography,
University of Delaware, College of
Marine and Earth Studies.
<http://www.ocean.udel.edu/people/profile.aspx?ullman>

***Department of Natural Resources and
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Excerpts from DNREC online: <http://www.dnrec.delaware.gov/Pages/Divisions.aspx>

The mission of the Division of Fish and Wildlife is to conserve and manage the fish and wildlife resources of the state, to provide safe and enjoyable fishing, hunting, and boating opportunities to the citizens of Delaware and its visitors, to manage and make available for public use and enjoyment the lands with which it has been entrusted, and to improve the public's understanding and interest in the state's fish and wildlife resources through information and outreach programs.

The Division of Soil and Water Conservation is responsible for preserving and protecting the state's soil, water and coastal resources by managing the state's shoreline, coastal zone and navigable waterways, by regulating coastal and urban land use and construction activities and by promoting wise agricultural land management practices. Specifically, the Division:

- Provides for the preservation & enhancement of the state's beaches
- Maintains & improves navigational channels in Delaware's inland waterways
- Provides planning & organizational assistance for the development & maintenance of tax ditches to ensure the conservation of both agricultural & urban areas through improved drainage & water management
- Provides technical assistance to landowners regarding sound conservation practices
- Serves as the administrative lead for the Delaware Coastal Management Program
- Provides for the development & implementation of the state's recently mandated Sediment and Stormwater & Nonpoint Source Pollution Programs

At A Glance

The Division of Water Resources manages and protects water resources through various regulatory programs by providing technical assistance, laboratory services, and educational services; performing applied research; and helping finance water pollution control measures. Our staff serves over 15,000 individual water resources customers each year and protects water resources for Delaware's visitors and residents.

The Division consists of seven sections; each is sized to promote efficient operations:

Division Management Section (Katherine E. Bunting-Howarth, Director) - coordinates Division operations and provides centralized information management, fiscal, personnel, and legal services. The section also administers the water utility certification program and provides a link with external programs including the Delaware Estuary Program, Inland Bays Estuary Program, Delaware River Basin Commission, Appalachian States Low-Level Radioactive Waste Commission, Delaware Authority on Radiation Protection, and Delaware Emergency Management Agency.

The Financial Assistance Branch (Terence L. Martin, Acting Administrator) provides planning, engineering, and technical assistance for wastewater systems and financial aide to help reduce water pollution. Other staff members provide education/information services, centralized computer and geographic information system services, and better access to the Division through a Community Liaison.

Environmental Laboratory Section (Sergio Huerta M.D., Manager) - operates a full-service environmental laboratory to test and assess water, air, soil, hazardous materials, and biological samples. Water quality and biological monitoring of surface waters is an important section function. Fee-for service quality environmental testing is provided to a variety of customers in a cost-effective manner. The Section performs basic water quality testing for Delaware citizens at no charge.

Surface Water Discharges Section (R. Peder Hansen, P.E., Manager) - issues permits for industrial and municipal wastewater treatment systems (including storm water) and sludge management. Technical assistance is provided directly to wastewater treatment facilities to help address operational problems. The Section also provides support to the Board of Certification that licenses wastewater treatment plant operators.

Ground Water Discharges Section (Dave J. Schepens, Manager) - conducts site reviews, field checks and approves site evaluations for the installation of septic systems, underground injection wells, spray irrigation wastewater systems, and other systems associated with wastewater treatment. This section also issues sludge transport permits and licenses to septic system designers, percolation testers, site evaluators, and system installers.

Water Supply Section (Stewart Lovell, P.G., Manager) - issues well and water allocation permits and licenses to well contractors/drillers and pump contractors/installers. Section responsibilities also include statewide drought management, ground water quality monitoring, wellhead and source water protection programs, and water withdrawal quantities in coordination with the Delaware River Basin Commission.

Watershed Assessment Section (John W. Schneider, Manager) - monitors the health of the State's aquatic resources and protects the health of swimmers and shellfish consumers. The section provides technical support for programs within the Department; performs soils evaluations, develops water quality monitoring strategies and modeling, and watershed basin evaluations; and works to integrate wetlands and watershed management.

Wetlands and Subaqueous Lands Section (Laura M. Herr, Manager) - provides permitting services for activities that affect subaqueous lands, tidal wetlands, and marinas. Tidal maps of wetlands and planning for the resource management of these natural resources are also provided.

