

Board of
Certification for
Wastewater
Operators

Certification Happenings

Newsletter for Licensed Wastewater Operators in the State of Delaware

Volume 3, Issue 1

Sept. 2011

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Compliance Corner...

By Glenn Davis, Program Manager, Compliance and Enforcement

Is your facility in compliance with its NPDES Permit?

That's not a trick question, but a question that is often hard to answer. As licensed and certified wastewater operators, we all have a responsibility to maintain our facilities in compliance with all requirements of the facility's NPDES Permit.

Delaware is very fortunate to have so many dedicated professional wastewater operators, and our wastewater operators have a long history of stepping up to the plate and demonstrating a proactive work ethic. Unfortunately, not all of our operators have taken the time to actually read their facility's NPDES Permit, and understand all of the responsibilities that go with it.

Please take the time to read your facility's NPDES permit, and take the time to understand all of the requirements. Some areas of the NPDES permit that

have presented some "challenges" to some of our facilities include:

Develop and Maintain a Storm Water Management Plan – Review and update this plan on a regular frequency (every three (3) years). Train all employees and affected contractors on the Storm Water Plan and the plan's requirements (also annual refresher training). Conduct routine and annual inspections as required in the plan.

SPCC Plan – If your facility meets the requirements of 40 CFR 112, you must have a Spill Prevention and Contingency Control (SPCC) plan in place. Review and update at least every five (5) years, routine and annual comprehensive

inspections, training for all affected employees and contractors.

Documentation – You are required to comply with all requirements of your NPDES Permit and the only way to prove compliance with all requirements is to DOCUMENT all of your activities. A very good saying that I refer to often is: "IF IT AIN'T WROTE DOWN . . . IT DIDN'T HAPPEN". It isn't what you tell someone, it's all about documenting that you actually did it.

There's nothing wrong with maintaining electronic information, but keep the field reports, raw lab data, sign-in sheets from training, log books (that are signed or initialed by the operator (s) on duty, etc.) Do not

Continued on Page 4



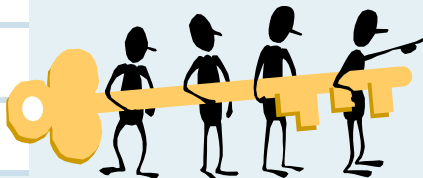
Mark Your Calendars!

Next Testing Session is:

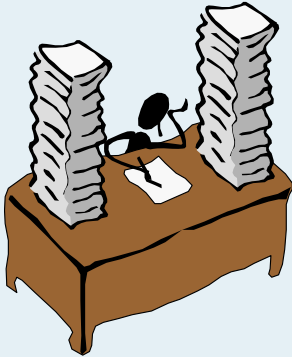
January 13, 2012

Registrations Due by:

December 30, 2011



Certifications and License Expirations



July 2010

<u>Certifications</u>	<u>Level</u>
Bryan Blake	II
James Brogdon	I OIT
Karl DiSalvo Jr.	I OIT
Robert Friedman	II
Bernard Massey	I OIT
Timothy Mulrooney	I OIT
Patrick Rankin	IV OIT

License Expirations

Troy Coffelt
 Christopher Gannon
 Vincent Kennedy
 John Melvin Jr.
 Jason Weaver
 Donald L. Williams

August 2010

<u>Certifications</u>	<u>Level</u>
Bruce Bockman Sr.	I OIT
James Comer	IV OIT
Dean Conaway	III
Kenneth Eckard Jr.	IV
Allan Hall	I
Philip Mitchell	I
Zachary Riddle	II
Henry Robertson	I OIT
Albert Warren	I
David Whitney	III OIT
Richard Whittmore	I
Gregary Woodward	I

License Expirations

Charles Carter
 Joseph L. Woods

September 2010

<u>Certifications</u>	<u>Level</u>
David Barnes	I
Jason Blocker	I
Robert Darby	I
John Johnson	II
Wayne Knolls	I
Mark Kondelis Jr.	II OIT
Michael Mears	II OIT
Douglas Mitchell	II
Jona Rickards	II
Alan Robinson	I

License Expirations

Nathan Hedges II
 Ernest E. Williamson

October 2010

<u>Certifications</u>	<u>Level</u>
William McIlvaine	III
Granville Wilds Jr.	II

November 2010

<u>Certifications</u>	<u>Level</u>
Wayne Dawson	III
James Kimball	III OIT
Timothy Mulrooney	I

License Expirations

Barry B. Slaughter

December 2010

<u>Certifications</u>	<u>Level</u>
Keith Campbell	I OIT
John Lynn	I OIT
Merriel Mitchell	I OIT
Michael Moore	II
Samuel Schlegel Sr.	IV
Keith Short	I OIT
Robert Twilley	I

License Expirations

Phyllis D. Jones

January 2011

<u>Certifications</u>	<u>Level</u>
Scott Chandler	II
William McCabe	III
Thomas Paine	III

License Expirations

Earvin D. Kelley

February 2011

<u>Certifications</u>	<u>Level</u>
Frank Baker	II
Roger Breeding	I
Michael Calhoun	II
Thomas Craighton	III OIT
Regan Cummings	I
Frank Gray	I
Jeff Haass	I
Charles Hastings	I OIT
Robert Jefferson Jr.	I OIT
Dana Kellogg	II
Robert Moore III	IV
Jeffrey Peters	III
Richard Plack	II
Cynthia Price	III OIT
Richard Whittmore	II OIT

License Expirations

Nathan Deshields Sr.
 Uriah C. Kitchen 3rd
 Richard T. Tubbs

Reminder...

Don't delay receipt of your DNREC/BOC notifications, e-mail either Glenn Davis at Glenn.Davis@state.de.us or Katie Wirick at Katherine.Wirick@state.de.us or contact either at (302) 739-9946 with updates to your contact information, to include mailing address, telephone number and/ or e-mail address.

Certifications and License Expirations

March 2011

<u>Certifications</u>	<u>Level</u>
Gene Bender Sr.	I
Kenneth Brown	II
Frantz Fanfan	I OIT
Rico Hawkins	I OIT
Greg Naylor	I OIT
Robert Patterson Jr.	I OIT
Charles Poole	I
Ronald Thompson	I
Harold Venable II	IV
Steven Zugnoni	I OIT

License Expirations

David W. Benson
David C. Rogers
Richard A. Sacco

April 2011

<u>Certifications</u>	<u>Level</u>
Robert Bacon Jr.	II
James Bunting	I
Anthony Bunty Jr.	I
Timothy Cochran	I
William DeLong Jr.	I
Donald Elliott	I
Wayne Hastings	I
Philip Hearn	I
James Hopkins	I
John Hullett	I
Fred Jester	II OIT
Craig Kormanik	I
Michael Lamb	I OIT
Keith Layton	I
Larry Maichle	III OIT
Aaron Robinson	I
John Short	II
Crimson Shortridge	I
Steven Spencer	I
Robert Swift	I
Steven Trader	I
David Weed	IV
Robert Weyant	I

License Expirations

Constance A. Conley
Terraine L. Giddens
Thomas R. Smith

May 2011

<u>Certifications</u>	<u>Level</u>
David Drebing	II OIT
Daryl Fithian	II
Dean Serman	III OIT
James Taylor	III OIT

License Expirations

Steven A. Smiertka

June 2011

<u>Certifications</u>	<u>Level</u>
Karl DiSalvo Jr.	I
Albert Goepel II	I
Brian Marvel	I
Shawn O'Bier	III
Charles Rich	II
Mark Warner	II

License Expirations

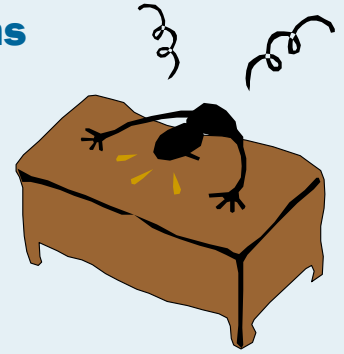
Paul S. Peris
William J. Rogers
Marvin J. Trotter

July 2011

<u>Certifications</u>	<u>Level</u>
Mark Castle	I
Edward D'Amico	I OIT
Francis DiPietrapaul	I OIT
Janelle Hickman	I OIT
Richard Plack	III OIT

License Expirations

Robert A. Friedman



August 2011

<u>Certifications</u>	<u>Level</u>
Darrale Gardner	I
Frederick Glasgow III	II OIT
David Hastings	I
Gloria Lefchick	I OIT
Edwin Moran Jr.	I
Anthony Richardson	II
Michael Robertson	I
Christopher Sexton	I
Charles Simpson Jr.	IV
Maurly Williams	I

License Expirations

David R. Baker
Richard P. Baker
Andrea M. Bostic
Edward A. Cannon
Uwe Davis
Russell L. Dillon
David A. Eppler Sr.
Douglas C. Jones
Kenneth P. Kennedy
James C. Lewis
Gary J. Morengo
David W. Mosley

VISIT THE BOC WEBSITE
<http://www.dnrec.delaware.gov/wr/Services/OtherServices/Pages/SurfaceWaterDischargesLicensing.aspx>

Compliance Corner... (continued)

By Glenn Davis, Program Manager, Compliance & Enforcement

just hand an inspector an electronic document that lists all employees that received training on a specific requirement (anyone can put that together) . . . You must have the original sign-in sheets that show the signature of the operators who were in attendance (just one example of documentation).

Sludge Handling Requirements – Most NPDES Permits require the facility to maintain a complete inventory of all sludge produced, quantities shipped, quantities stored on site, transporter information (including a copy of the transporters current haulers permit), where the sludge or biosolids was taken and what the disposition of the sludge/biosolids at its final destination.

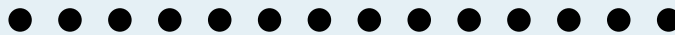
Monthly Discharge Monitoring Reports (DMR's) – Must be "Postmarked" by the 28th day of the month following the reporting month (i.e.: September's DMR must be postmarked by the 28th of October). If the 28th falls on a Saturday or Sunday, you must get it to the post office by

the Friday before to ensure that you meet the requirement of the NPDES permit. If your DMR is not post marked by the 28th, your facility will be considered in violation of their NPDES permit requirements.

Maintain all records of wastewater treatment plant operations, including log books, DMR's, process control data, analytical data, operator logs and control sheets, flow data, calibration data, sludge data, etc., for a minimum of three (3) years (five (5) years for sludge data). This requirement means any and all information related to the wastewater treatment plant operation and activities. . . it is not just keeping the DMR's.

Keep up the good work out there!!

You do make a difference in our environment. More compliance insight in future newsletters...



BOC Invited to the "Big Show"



Thanks to the generosity of the **Delaware Rural Water Association** (DRWA), the Board of Certification for Wastewater Operators (Board) was invited to take part in the DRWA's annual conference held at the Harrington Fair

Grounds and DRWA's annual expo at the Milford Moose Lodge.

Your Board had the opportunity to set up an information booth at both of these annual DRWA events, and we were grateful to have the opportunity to meet, greet, and answer questions from many of our Delaware Wastewater (and Water) Operators.

Thanks to the efforts of our hard working and dedicated Administrative Professional, Katie Wirick, your Board presented a very informative and professional display panel, complete with all of the necessary information pamphlets, information sheets, and copies of all appropriate regulations for anyone that was interested in the licensing process and the Board in general. A big thank you also to Board Chairman Brian Blackburn, Board Member Rob Underwood, Compliance Specialist Chris Cleaver and Program Manager Glenn Davis for their help in "attending" to our booth.

It is always a pleasure to meet and converse with our licensed wastewater professionals and we appreciate the opportunity to be a part of the DRWA conferences and expo. If we didn't wear out our welcome . . . maybe we will see you next year.

Test Your Math Knowledge

Question #1

A cylindrical storage tank is 70 feet in diameter and 30 feet high. What is the volume of the tank in cubic feet (cu. ft.)?

- A) 115359 cu. ft.
- B) 115395 cu. ft.
- C) 11595 cu. ft.
- D) 105359 cu. ft.



Question #2

A flow of 800 gpm is pumped against a total dynamic head of 90 feet with a pump 75% efficient and the motor 96% efficient. What is the water horsepower?

- A) 18.18 whp
- B) 1.82 whp
- C) 8.81 whp
- D) 1.28 whp

Answers on Page #8

DNREC's 24 Hour Complaint Line
Report Spills and Violations
1-800-662-8802

Exam Reminders...

The Exam is administered semi-annually on the 2nd Friday in January and June.

Prior to the Exam...

No later than 14 days prior to the exam, submit a completed Examination Registration Form and the \$100 non-refundable fee (cash or check).

You Will Receive...

A confirmation letter with the exam date, registration time, room location and map.

Exam Day...

Walk in registrations will not be accepted.

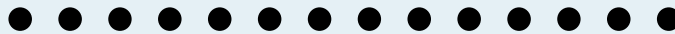
- Arrive at Del Tech prior to 8:30 a.m.
DO NOT BE LATE!!!
- Bring your photo ID and calculator (no other materials permitted).
- You will be provided pencils, resource booklet, exam booklet and the scantron answer sheets.
- Exam is multiple choice and true/false. A score of 75% or higher is required to pass.

After the Exam...

- Within four (4) to six (6) weeks you will receive an exam status letter. No scores will be provided simply pass or fail. Read this letter carefully it contains very important information.
- Text results are valid for three (3) years from the date of the exam.



An applicant passing the exam is not a guaranteed issuance of a wastewater operator's license.



Kent County Regional Wastewater Plant Receives EPA Award

On Thursday, June 2, 2011, Governor Jack Markell and DNREC Secretary Collin O'Mara hosted a "New Investments in Clean Water Projects" presentation to highlight some of the many "Green" Clean Water Projects that have been planned, completed, or are in progress throughout the state. During this ceremony, the Kent County Regional Wastewater Treatment Facility (KCRWTF) was awarded the US EPA Region III PISCES Award by EPA Regional Administrator Shawn Garvin. The PISCES award is for "Performance and Innovation in the State Revolving Fund, Creating Environmental Success." Each region gives out one award per year. The KCRWTF received the award for its innovative projects including the 1.2 MW photo-voltaic solar farm, the passive solar biosolids dryers and the switch from chlorine gas disinfection to the use of an innovative ultraviolet (UV) disinfection system.

Welcome Kathy Stiller



On April 26, 2011, Kathleen M. Stiller was appointed to serve as the Director of the Division of Water by Collin P. O'Mara, Secretary of Delaware's Department of Natural Resources and Environmental Control (DNREC). The division includes the wetlands and subaqueous lands, water allocation, water well permits, source water protection, groundwater discharges, National Pollutant Discharges Elimination System (NPDES), septic permits, surface water discharges, and laboratory programs. Previously, Ms. Stiller managed the Division of Waste and Hazardous Substances' Site Investigation and Restoration Section (SIRS), which is responsible for all federal and state Superfund sites, the state voluntary cleanup program, the state Brownfields program, and natural resource damage claims. Prior to that, she was the manager for the Tank Management Branch (TMB). The TMB has responsibility for the Underground Storage Tank (UST) and Leaking Underground Storage Tank (LUST), Above Ground Storage Tank (AST), Vapor Recovery, and Boiler Safety programs in Delaware. Between these programs, Kathy has over 18 years at the program manager level with DNREC. Additionally, she managed the UST program for three (3) years and was a planner for two (2) years in the Division of Water. As a planner, Kathy worked on projects that included drafting legislation, regulatory development, grant development, program development, inland bays' issues, and public outreach activities. In each program and project, she worked to include all interested parties in the development of program aspects and to leverage limited resources. Ms. Stiller holds a Bachelor of Science in Marine Science from the University of South Carolina and a Masters of Marine Policy from the University of Delaware.

Congratulations!



Picture obtained from http://governor.delaware.gov/news/2011/1106june/20110602-clean_water.shtml

In Memory Of Patrick R. Shannon

Contributed by Jeff Deats, DE Trustee WWOA



Patrick R. Shannon

passed away on Friday, August 26th at the age of 49. Employed by Tidewater Utilities, Inc. for approximately six (6) years, he began his career as a Customer Meter Reader before transferring into the Production Department and obtaining both a Delaware Water and Wastewater Operator License.

For the past several years Patrick worked out of the T.E.S.I. owned, Milton wastewater facility where he was responsible solids handling, as well as being DRC for Evelyn Morris On-Site system. Simultaneously, he served as a Circuit Rider for several Water Treatment facilities in the District.

Friendly, hardworking, and outgoing, Patrick quickly became a popular fixture in the Milton community. Never one to forget a name, "Patrick had two types of friends, those he knew and those he had not yet met". His wry sense of humor and manor of putting others before himself remained right up to the final days prior to his passing.

He is survived by the love of his life, Lisa Lundberg; a son, Christopher Patrick Shannon; and a daughter, Shannon Renee Shannon; his parents, J. Rhea and Patricia Shannon; and his brother, Scott Shannon.

Memorial Services were held at St. John's United Methodist Church in his hometown of Seaford, DE, with standing room only. Patrick will be sadly missed by all who knew him.

On Wednesday, September 14, 2011, Tidewater Utilities, Inc. held a special dedication ceremony to honor Patrick's contributions to the Milton Wastewater Treatment Facility. During the ceremony, a special dedication plaque was unveiled by Patrick's family, including Patrick's mother, father, brother, and his significant lady. This special ceremony was attended by many of his coworkers, Tidewater Utilities, Inc. Staff, local, and state officials.



Renewals.....

By Robert Underwood, Program Manager, Surface Water Discharges Section

Wastewater Operator License renewals have been a topic of much discussion around our office lately. We currently have 494 licensed wastewater operators in the State of Delaware with licenses expiring monthly. As you can imagine the management of this program can be quite the undertaking.

One trend that we have noticed over the last year is we are receiving renewals either a couple of days before, the day before or the day the license expires. This is not allowing our office adequate time to process the renewal applications.

Our number one goal is to keep

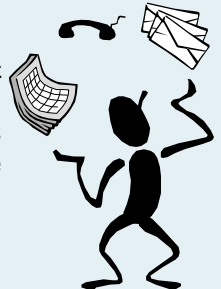
our facilities operating and in order to do that we must ensure that our operators maintain their licenses. In an effort to meet this goal we send out a reminder letter three (3) months prior to the license expiration date. You will now notice new wording on the letter that states:

Please send your renewal package at least seven (7) business days prior to the expiration date to ensure no lapse in license coverage and to allow our office adequate time to process your renewal.

If your renewal package is received after the seven (7) business days but

prior to your license expiration date, there is no guarantee that your renewal will be processed in time and unfortunately this could have a direct effect on your ability to operate in the interim.

Please help us to help you and ensure that your completed renewal package is received in our office as soon as possible, but at the minimum seven (7) business days prior to your license expiration date.



BOC Board Members



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 Chairman
Operator's Representative
 New Castle County
 187 A Old Churchmans Rd.
 New Castle, DE 19720
 Tel (302) 378-9027
 Fax (302) 395-5787
 bblackburn@nccde.org



Gerard J. Jesposito
 Member-At-Large
Tidewater Utilities
 1100 S. Little Creek Road
 Dover, DE 19901
 Tel (302) 734-7500
 Fax (302) 734-9297
 Jesposito@TUwater.com



Robert Underwood
Department Representative
 DNREC
 89 Kings Highway
 Dover, DE 19901
 Tel (302) 739-9946
 Fax (302) 739-8369
 Rob-

DNREC Security Procedures

Very Important Information If You Visit DNREC...

Effective March 1st new security procedures were implemented at the Richardson & Robbins Building (DNREC) located at 89 Kings Highway in Dover.

When visiting the building, please keep in mind:

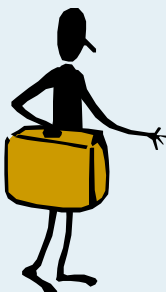
If you park in the back parking lot (behind the Dover Post Office), you will need to walk to the right of the building, through the court yard and enter through the court yard door.

There will be directional signs posted. **You will no longer be able to enter through the rear doors.**

If you park in the front of the building (on Kings Highway), you will continue to enter through the front doors.

The court yard door and the front door will be the only entrances available for visitors to DNREC (regardless of the nature of your visit).

Once inside the building you will need to register at the Reception Area, providing your name, who you are visiting, the purpose of your visit and a photo identification. You will be provided a visitors pass and the individual/Section you are visiting will be called to escort you through the building.



Do You Operate at More than One Wastewater Treatment Facility?

Are you operating at more than one WWT facility? If so, are you aware that you are required to have a multi-plant license? Anyone operating at more than one wastewater treatment facility must have a "Multi-Plant License". If you are working at a small on-site system, are you aware of the many responsibilities you have for that system? Some of these responsibilities include:

- ◆ Maintaining a log book at the wastewater facility at all times.
- ◆ Log Book must show the date that you visited the site, time in and time out, and any adjustments, inspections, or observations that were made.
- ◆ If you notified the owner of any problems or situations that must be corrected (that must be in the log book as well . . . it's your only documentation!
- ◆ Data log for any analysis that was performed.
- ◆ Timely completion of any required discharge monitoring report.
- ◆ If there are any violations of the permit . . . you are responsible to supply the necessary required 5-day notification letter (and immediate notification if required)
- ◆ You must document any and all correspondence to the owners.

If you change or add any facilities to your multi-plant license, you must notify DNREC and be sure that your points (as directed in the multi-plant license regulations) do not exceed the total allowed by regulations.

For a multi-plant license application or if you have any questions concerning the regulations for a multi-plant license, please check our website or call/email Glenn Davis or Katie Wirick of the Surface Water Discharges Section.

Please share this newsletter with your fellow operators. Only operators with valid e-mail addresses on file will receive a copy.

Welcome to the Surface Water Discharges Section...

John Levins, Senior Environmental Comp Compliance Specialist with the Surface Water Discharge Section; his first day at DNREC was August 1st. As a member of SWDS team John will be involved in the NPDES program with a focus on Concentrated Animal Feeding Operations (CAFO's). John possesses a BS Degree in Human Resource Management from Wilmington University and an AS in Applied Science (Environmental Control Systems Technology) from the Community College of the Air Force. John has an extensive operations management background with the U.S. Air Force, Sara Lee/Playtex Apparel, Wal-Mart Logistics and Atlantic Tractor LLC.



Beau Croll is an Environmental Scientist II with the Surface Water Discharges Section. Beau started with DNREC in March and is a recent graduate of Washington College and a current Master's Student at Wesley College. Prior to starting at DNREC, Beau was working with the Delaware Center for the Inland Bays. In this position, Beau worked in overall watershed management with projects involving wetland restoration, species management, and water quality monitoring. As an Environmental Scientist with DNREC, Beau will be performing inspections of industrial facilities, reviewing Storm Water Plans, and working in overall storm water management.



WWOA Election Results



Jeff Deats was confirmed as the new Delaware Delegate for the WWOA at this year's Tri-Conference in Ocean City, MD. Part of the state delegate's responsibilities is to coordinate training and to represent the DE membership's interests at the monthly Executive Board meetings. Anyone having questions, ideas for training opportunities, or articles for the new *Ecoletter* should contact him at jdeats@tuiwater.com.

Other election changes affecting Delaware, was the rotation of Rose Cline-Lowe to the position of Past-President. She was succeeded by Karl Ott as the new association President.

Look for a new improved full color magazine version of the *Ecoletter* coming next month!

A Fond Farewell

The Board will like to wish Kathy Bunting-Howarth, former Director of the Division of Water the best of luck as she begins a new chapter in her career. We would also like to thank her for the hard work, dedication and support she has provided to the Board on behalf of the licensed wastewater operators in the state. Kathy's last day as Director was March 31st.



Congratulations and Good Luck!

Test Your Math Knowledge Answers....

Question #1

A cylindrical storage tank is 70 feet in diameter and 30 feet high. What is the volume of the tank in cubic feet (cu. ft.)?

$$(0.785) \times (\text{Diameter}^2) \times (\text{Height})$$

$$0.785 \times 70^2 \times 30$$

$$0.785 \times 4,900 \times 30$$

$$\text{Answer} = 115,395 \text{ cu. ft.}$$

Question #2

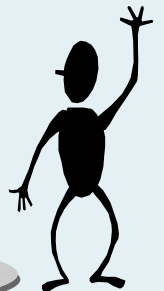
A flow of 800 gpm is pumped against a total dynamic head of 90 feet with a pump 75% efficient and the motor 96% efficient. What is the water horsepower?

$$\frac{(\text{Flow, gpm}) \times (\text{H. ft.})}{3960}$$

$$\frac{800 \times 90}{3960}$$

$$\frac{72,000}{3960}$$

$$\text{Answer} = 18.18 \text{ whp}$$





State of Delaware
 Department of Natural Resources
 and Environmental Control
 Division of Water
 Surface Water Discharges Section
 89 Kings Highway
 Dover, DE 19901

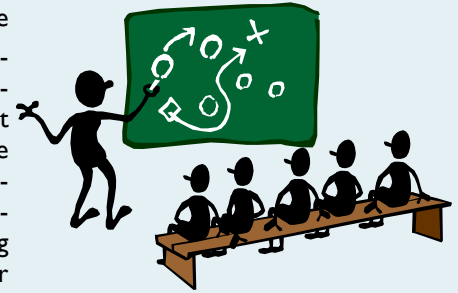
Phone (302) 739-9946
 Fax (302) 739-8369

**BOARD OF CERTIFICATION
 FOR WASTEWATER
 OPERATORS**

“IRENE” No Match for Delaware Wastewater Operators

Kudos to all of our Delaware

Wastewater Operators and management staff for their preparation, operation, and follow-up during the recent onslaught of Hurricane Irene. There was a tremendous amount of preparation and follow-up for Hurricane Irene, and the professional operating staff and management at our wastewater treatment plants, averted



any serious problems with our many treatment plants throughout the state. Although there were a couple of situations reported to DNREC, our operators were able to keep the treatment plants in operation and were able to handle all of the excess water that was rolling into the headworks of each facility. You are all to be congratulated for a job well done . . . many of you stayed at the treatment plants and/or spent numerous hours at the plant sites (both before and after “Irene” came through) to ensure that wastewater was being treated and our citizens and environment were protected. Treatment of Delaware’s wastewaters was accomplished with very few “hiccups” and it was done in a safe and professional manner . . .

**THANK YOU DELAWARE WASTEWATER OPERATORS . . .
 YOU ROCK !!!!**

2011 Exam Results



2011 YEAR IN REVIEW	Level	Total Number Taking Exam	Total Number Passed Exam	%	Total Number Failed Exam	%
	I	63	58	92%	5	8%
II	7	5	71%	2	29%	
III	6	5	83%	1	17%	
IV	4	4	100%	0	0%	
TOTAL	80	72	90%	8	10%	

Electronic Discharge Monitoring Reports (eDMR)

Many of you have heard about and inquired about, the Electronic Discharge Monitoring Reports (eDMR), and we want to update you on the progress thus far.

First of all, electronic discharge monitoring reporting will be the future of reporting for all NPDES permit holders. Delaware has been working on eDMR reporting for many months now, and there are currently three (3) facilities who have volunteered to participate in the trial application of this process. The basis and program for the electronic reporting is basically in place and our Technology Department has been working to “iron out” the glitches that were found during the

first trial with our volunteer facilities.

eDMR reporting is more than just sending an electronic copy of your monthly DMR to the Department; it is a complete internet reporting process that requires electronic signature, data entry, and full electronic submission of all information. Delaware will utilize our Delaware Environmental Navigator system as an intermediate prior to sending data to EPA. This will allow the state to review all eDMR submissions and to work with each permittee to ensure accurate DMR information and data. If problems are detected at the state level, there will be procedures in place to allow the permittee to correct the inaccurate data, and to

resubmit. Once the DMR is accepted and approved at the state level, the electronic DMR will be submitted to the EPA. Data from the DMR submissions is transferred to a special EPA database that is available to the general public.

Although eDMR reporting is down the road several months from now, DNREC is moving forward to make this a reality. Once we get all of the “glitches” fixed that we have found, we will most likely be seeking other volunteer permittees to help us move into the next phase. Stay tuned for updates and information on the eDMR reporting system in Delaware.