

Certification Happenings

Newsletter for Licensed Wastewater Operators in the State of Delaware

Volume 2, Issue 2

June 2010

MARK YOUR CALENDAR!

NEXT TESTING SESSION IS...

JUNE 11, 2010

DNREC'S 24-Hour Complaint Line

Report Spills & Violations

(800) 662-8802

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State of Delaware
DNREC
 Division of Water Resources
 Surface Water Discharges Section
Board of Certification for Wastewater Operators

89 Kings Highway
 Dover, DE 19901

Tel: (302) 739-9946
 Fax: (302) 739-8369

Congratulations to Glenn Davis, DNREC, MVP

As submitted on the nomination form....

Glenn Davis has demonstrated excellence in all of DNREC's values by leading the Surface Water Discharges Section (SWDS) in a year that was riddled with challenges. Prior to elaborating on Glenn's accomplishments I would like to preferrence that these accomplishments were done during a year where two key members of the SWDS left the Department to pursue other endeavors. In May of 2009 the Environmental Scientist IV with approximately 10 years of experience left followed by the departure of the Program Manager II with approximately 15 years of experience. In a time when the SWDS was in a need for leadership Mr. Davis answered the call (wearing the hat of a PMI and a PMII) and was not satisfied with keeping the Section running; he made improvements that will help the Section for years to come.



Secretary Collin O'Mara, Glenn Davis and Deputy Secretary David Small

INTEGRITY – Mr. Davis displays the highest level of integrity in all of his actions in a daily basis. Glenn has shown integrity by working diligently to educate facilities on the importance of knowing your permit requirements. In 2009 Glenn was instrumental in the development of a seminar presented at the Delaware Rural Water Annual Technical Conference designed to prevent permit violations thru education. While working diligently to prevent compliance violations Glenn also formalized the inspection and violation tracking system that will enable the Section to track enforcement issues. Glenn's approach of working hard on compliance education while working on enforcement efficiency is a clear example of in-

tegrity at its finest.

RESPECT – Mr. Davis is very well respected by his staff, peers and facilities that he regulates. When there is a position where you need a leader that is respected by everyone Glenn is often called upon to serve. A few examples of leadership positions that Glenn held during

- 2009:
- Board of Certification for Wastewater Operators.
- Served as Acting PMII for SWDS.
- Representative to the Kent County Sewer Advisory Board
- Chairman for the committee to oversee the review of the Wastewater Operator State Exam.

- Member of the committee that was charged to rewrite and update the entire Wastewater Operator Course Curriculum that is used at the DTCC Stanton, Terry, and Georgetown Campuses.
- Chairman of the Department Safety/Security Committee

CUSTOMER FOCUS – Mr. Davis displayed first class customer service while working with two facilities during major facility upgrades. Prior to Glenn's involvement the facilities were struggling with compliance issues based on out-dated technology. Within a few months of Glenn's involvement, the facilities invested substantial capital on new equipment and they are currently in compliance with the requirements of their NPDES Permit.

OPENNESS – Mr. Davis executes all duties in an open in public manner. This is displayed through his presentations to the management

Certifications & Expired Licenses ~ First Quarter of 2010

JANUARY

<u>CERTIFICATIONS</u>	<u>LEVEL</u>
Gregory P. White	I
Rodney A. Wyatt Sr.	III OIT

EXPIRED LICENSES

Stephen J. Severin

FEBRUARY

<u>CERTIFICATIONS</u>	<u>LEVEL</u>
Roger W. Breeding	I OIT
Thomas V. Burton Jr.	II OIT
Kevin R. Fisher	I
Gabriel Gonzalez	II OIT
Frank H. Gray	I OIT
James S. Kimball	II OIT
Thomas W. Liddle	III
Larry J. Maichle	II OIT
Richard C. Mason	III
Judith A. Olewnik	II OIT
Darth L. Poole	I
Cynthia A. Price	II OIT
Jona G. Rickards	I
William R. Steffy	II OIT
Richard T. Whittmore	I OIT

MARCH

<u>CERTIFICATIONS</u>	<u>LEVEL</u>
David W. Borton	II
Sean T. Bowden	II OIT
James W. Carey	II
Wayne K. Dawson	III OIT
John R. Emery	I
Frederick W. Glasgow	I OIT
Christopher L. Horsey	I OIT
Gerald R. Kilgore	II
Linda R. Lewis	IV
Anthony E. Locke	I
DeVaughn A. McCall	I OIT
Debra A. Runk	I
Larry L. Spencer Sr.	I
Raymond M. Stevens	II
Robert L. Whitfield Jr	I
Robert W. Wilkerson Jr	II

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

EXPIRED LICENSES

Keith W. Ferguson
 Christopher S. Gordy
 John W. Hopkins
 Larry J. Jones
 Joseph R. Longfellow
 Desmond D. Sykes

Continued from page #1

and staff of a major industrial permittee during the review of their permit requirements aimed to reinforce the responsibility that all operators have to the environment. In addition Mr. Davis teaches at DTCC "Wastewater Operator Exam Review Course" in an open format that encourages students to not only learn how to do things but why they need to be done in a specific manner.

QUALITY – Mr. Davis is a leader who leads by example and performs every task with a focus on quality. During a time when the SWDS was working thru staffing shortages Mr. Davis led the compliance assessment team to a 90% assessment rate for Major Facilities. In addition, Glenn was instrumental in the upgrade of the tracking system that reports facility sample results from a certified lab to the EPA for the Annual QA study. Glenn continues to approach each task with an eye on quality and an approach that quality is the key to success.

Test Your Math Knowledge

- (1) A cylindrical storage tank is 110 feet in diameter and 25 feet high. What is the volume of the tank in cubic feet (cu. ft.)?
 - (a) 274636 cu. ft.
 - (b) 237463 cu. ft.
 - (c) 23463 cu. ft.
 - (d) 25346 cu. ft.
- (2) What is the pressure at the bottom of a wet well that is 50 feet deep and is 75% full (psi)?
 - (a) 1.624 psi
 - (b) 16.24 psi
 - (c) 86.61 psi
 - (d) 62.4 psi



see Page 3 for the answers...

Test Your Math Knowledge Answers

- (1) A cylindrical storage tank is 110 feet in diameter and 25 feet high. What is the volume of the tank in cubic feet (cu. ft.)?

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

$$(0.785) \times (110^2) \times (25)$$

$$(0.785) \times (12,100) \times (25)$$

$$237463 \text{ cu. ft.}$$

- (2) What is the pressure at the bottom of a wet well that is 50 feet deep and is 75% full (psi)?

$$1 \text{ Foot of Water} = 0.4333 \text{ psi}$$

$$50 \text{ Feet of Water} \times 0.4333 \text{ psi} = 21.66$$

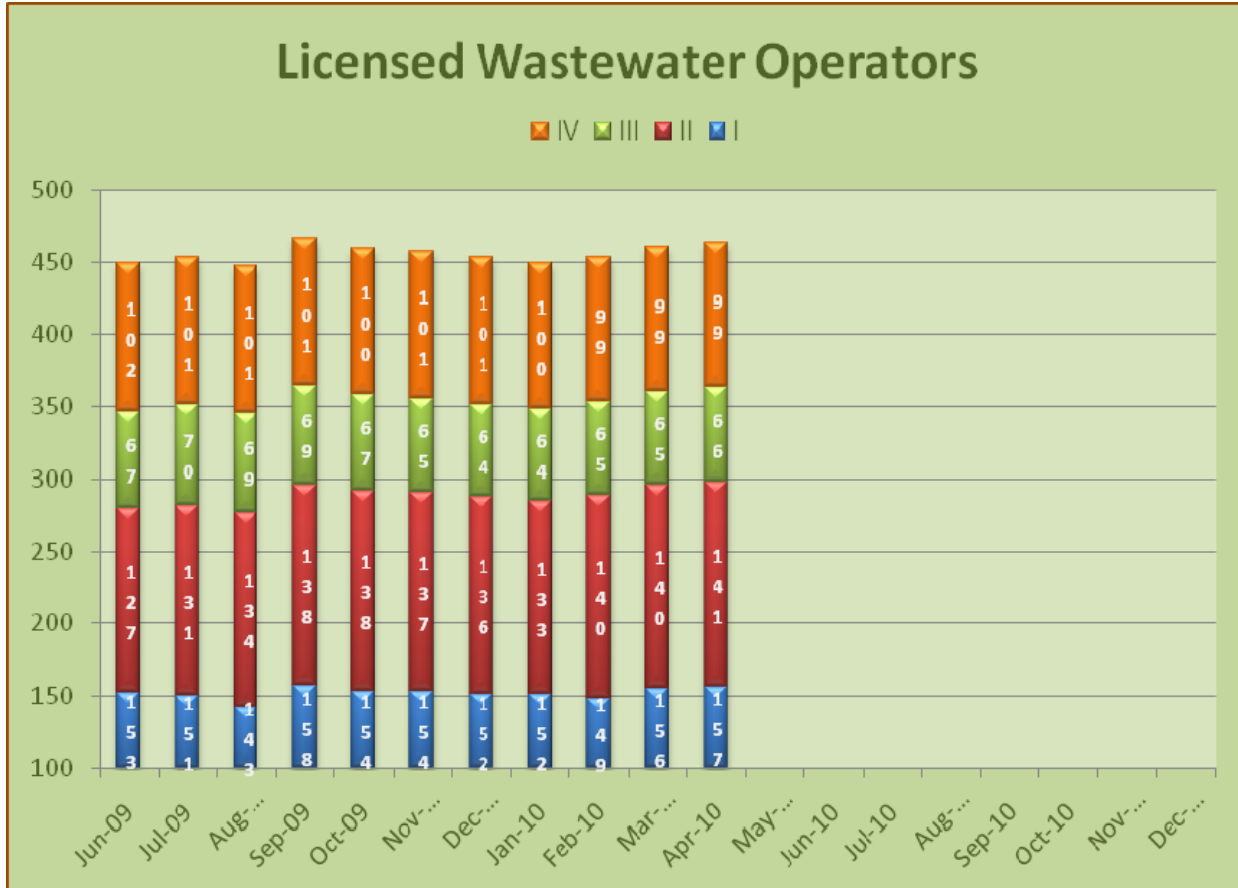
$$21.66 \times 75\% \text{ full} =$$

$$16.24 \text{ psi}$$

Please note that this newsletter is available electronically and on-line. Only those operators with a valid e-mail address on file will receive directly.

Thank You!

Licensed Wastewater Operators



11th Annual Scamper for Paws & Claws 5K Run/Walk In Memory of Peder Hansen

The Kent County SPCA hosted the 11th Annual Scamper for Paws & Claws 5K Run/Walk in memory of Peder Hansen on Saturday April 24th at Killens Pond State Park. Brian Churchill an Environmental Scientist in the Surface Water Discharges Section won first place in the Thirty to 39 Category with a time of 21:54.

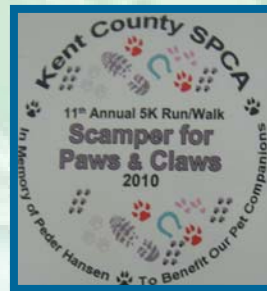
Congratulations Brian!



Brian Churchill



In memory of Peder Hansen



Congratulations to all the winners!!!!

Tidewater Environmental Services, Inc. is hosting the BOC "Open Mic" Meeting at....

Bay Front Regional Wastewater Facility

Thursday, July 15th at 10:00 a.m.

Bay Front Regional Wastewater Facility
31758 Marsh Island Avenue, Lewes, DE 19958

Tours of the facility will immediately follow the BOC Meeting

Coffee/Donuts and lunch will be provided compliments of Tidewater

Please RSVP to Katherine.Wirick@state.de.us or call Katie Wirick at (302) 739-9946 by July 7th

Please share with other operators and/or interested personnel at your facility

Continuing education hours available for licensed wastewater operators in attendance. Attendees will receive a minimum of 2 hours (including tour), final determination will be announced at end of meeting.

Visit
www.mapquest.com
for driving directions

Compliance Corner

By Glenn Davis

As most of you are aware, there are literally 100's of opportunities for a facility to violate their Discharge Monitoring Report (DMR) requirements. These opportunities include, late postmarked DMR, failure to sample as required, values that exceed or do not meet specific requirements of the permit, incomplete data, failure to sign the DMR, etc. All of these requirements are tracked very carefully in a state database and the information is sent electronically to the federal database.

With all of these opportunities for a violation of the DMR, it is not an easy task to get 100% compliance for any given month, let alone for an entire year. During calendar year 2009, the following NPDES facilities (facilities that actually had a discharge) had zero (0) violations of their DMR:

Baltimore Air Coil—Minor Industrial

Delaware City WWTP (New Castle County) – Minor Municipal

Premcor Power Plant – Major Industrial

Conectiv Edge Moor – Major Industrial

Formosa Plastics – Major Industrial

General Motors – Minor Industrial

Greenville Country Club – Minor Municipal

Hanover Foods – Minor Industrial

NRG (Indian River Power Plant) – Major Industrial

City of Lewes WWTP – Major Industrial

Lums Pond State Park (State of Delaware) – Minor Municipal

MOT Regional WWTP (New Castle County) – Minor Municipal

Mountaire Farms – Minor Industrial

Printpak – Minor Industrial

City of Seaford WWTP – Major Municipal

South Coastal Regional WWTP (Sussex County) – Major Municipal

SPI Pharma – Minor Industrial

Sunoco – Minor Industrial

Uniquema – Minor Industrial

Wilmington WWTP (City of Wilmington/Veolia Water NA) – Major Municipal

KUDOS to the 20 listed facilities, for completing one (1) calendar year with zero (0) violations of their DMR . . . let's hope that this list grows for calendar year 2010

Visit us on the web at ...

www.wr.dnrec.delaware.gov/Services/OtherServices/Pages/SurfaceWaterDischargesLicensing.aspx

and the Surface Water Discharges Section's redesigned website at...

www.wr.dnrec.delaware.gov/Services/Pages/SurfaceWaterDischarges.aspx



Operator of the Year Awards

Presented May 6th at Delaware Technical & Community College, Owens Campus

The Operator of the Year Awards are presented annually to water operators, wastewater operators and on-site operators who have demonstrated outstanding technical excellence and an exemplary work ethics, thus contributing to the high level of water quality in Delaware.

Nominees—Wastewater Operator of the Year

Robert Moore, Sussex County Engineering Department

Kyle Betts, Tidewater Utilities

Ann Hobbs-Noon, Sussex County Engineering Department

Nominees Water Operator of the Year

Ronald Foskey, Town of Selbyville

Michael Funk, Tidewater Utilities

Nominee—On-Site Professional of the Year

Hollis Warren, Hollis Warren, Inc.

2009 Environmental Lifetime Achievement Award

This award is presented for sustained meritorious achievement and significant contributions to Delaware’s environmental.

Kenneth M. Darling, Ken Darling & Sons, Inc.

George F. Siegfried, Siegfried Machining & Supply



Robert Moore & Ann Hobbs-Noon

Sussex County Engineering Department



Kyle Betts

Tidewater Utilities



Ronald Foskey

Town of Selbyville



Michael Funk

Tidewater Utilities



Hollis Warren

Hollis Warren, Inc.



Kevin Darling accepting on behalf of his father **Kenneth Darling**



George F. Siegfried

Siegfried Machining & Supply

If you would like to submit an article for the Certification Happenings Newsletter please e-mail Katherine.Wirick@state.de.us