



D i g e s t e r

o v e r t h e s p i l l w a y

"for optimum operation/maintenance of all water and wastewater facilities"

Marcia Willhite New Chief of IEPA Bureau of Water

Appointment of Nebraska woman effective May 16.

Marcia Willhite became the Chief of the Illinois Environmental Protection Agency's Bureau of Water, effective May 16.

"Marcia's wide-ranging environmental background and experience dealing with the environmental and regulated communities should be of great value to the Agency, not only on

water-related matters, but also as we face the increasing number of multi-media issues," IEPA Director Tom Skinner said.

Willhite was Assistant Chief of the Environmental Health Division of the Lincoln-Lancaster County Health Department in Lincoln, Nebraska. She was with that agency from November 1993. She also is national president of the Association of Local Air Pollution Control Officials. Previously Willhite was an environmental toxicologist with the Texas Natural Resource Conservation Commission and a sanitarian with the Bell County Health Department in Temple, Texas.

She earned a B.S. degree in wildlife biology from Eastern Kentucky University and an M.S. in toxicology from the University of Kentucky.

Willhite succeeds previous Bureau of Water Chief James Park, who retired Dec. 31, 2000, after 29 years with Illinois EPA. Illinois EPA Deputy Director

Bernie Killian served as acting bureau chief during the interim period.

Illinois EPA primarily operates through three Bureaus — Air, Land and Water. The Bureau of Water has about 330 employees and administers a variety of state and federal programs and initiatives to protect and enhance the quality of Illinois' water resources and public water supplies.



IN THIS ISSUE

Electronic Monitoring	2
Fluoride Awards Listing	2-11
Operator News	12-15

Internet Based Electronic Monitoring Reports

The Illinois Environmental Protection Agency is developing a paperless Internet-based reporting system for electronic Discharge Monitoring Reports (e-DMRs). While participation in the e-DMR project is completely voluntary, the IEPA is strongly encouraging all National Pollutant Discharge Elimination System (NPDES) permittees who are required to submit DMRs to consider using this convenient reporting method when it becomes available for use. The e-DMR project requirements are currently being determined and completion of the system is scheduled for the end of this year.

The reporting system will be designed so that NPDES permittees with a computer and an Internet connection will be able to complete pre-populated DMR forms on-line. The e-DMR for a specific facility, outfall, and monitoring period will be able to be selected for completion from the Agency's Home Internet site. The e-DMR forms may be completed by entering the data directly into the forms or by importing a standard file

generated by a facility's existing computer system. If the import option is used, the facility will be responsible for all programming necessary to their existing systems to produce the standard file. Various quality assurance checks will be performed during the completion of the e-DMRs to assist in accurate and complete reporting. The authorized facility representative will sign a completed e-DMR using a digital signature. A digital signature is a software based identification mechanism that will confirm the identity of the specific individuals signing the e-DMRs. Facility representatives will be required to provide proof of their identity prior to receiving a digital signature for their use. Completed and signed e-DMRs will be transmitted to the Illinois EPA, which will provide acknowledgement to the facility of the date and time of receipt.

It is anticipated that the recommended minimum computer related requirements needed for a facility to participate in the e-DMR project would consist of:

- Computer, Pentium 233 MHz or higher processor
- Windows 98, 2000, ME or NT 4.0 w/Windows NT Service Pack 3 or higher
- 32MB RAM for Windows 98 or 64MB RAM for Windows 2000, ME, NT56K Modem or Internet connection
- Netscape Navigator version 6.0 or higher, or Windows Internet Explorer, version 5.0 or higher

In February, a survey was sent to representatives of 1,841 NPDES facilities to determine their overall readiness for electronic reporting and to identify specific permittees to be in the first group of e-DMR participants. A review of the 1,109 facility responses received from the e-DMR survey confirmed that there is a tremendous amount of interest in electronic DMR reporting with 78 percent (861 facilities) interested or very interested. Furthermore, 89 percent (763 facilities) of the interested facilities currently have the necessary hardware, software, and Internet connection.

Public Water Systems Recognized for Perfect Fluoride Compliance

A total of 444 community water systems in Illinois have been recognized by the Illinois Department of Public Health (IDPH) and the Illinois Environmental Protection Agency for maintaining the state mandated fluoride level in drinking water for every month during 2000.

Water fluoridation is the most equitable and cost effective method of delivering the oral health benefits of fluoride, said Dr. John R. Lumpkin,

state public health director, adding that the Centers for Disease Control and Prevention recently announced that community water fluoridation is one of the top 10 achievements in public health in the 20th century.

Of the 444 supplies recognized, 162 systems earned a commendation for meeting required fluoride levels for at least five consecutive years, 18 for at least 10 years and seven for at least 15 years. The community of Armington,

in Tazewell County, has achieved perfect compliance for an outstanding 19 consecutive years.

Another 95 communities were given honorable mention for reaching fluoridation standards for 11 of 12 months during 2000. "My agency joins IDPH in congratulating water supply operators for their diligence in maintaining optimum fluoride levels for the benefit of the public," said IEPA Director Thomas V. Skinner.

Community Water Fluoridation

2000 Compliance Award List

honors

*(List courtesy of Illinois Department of
Public Health)*

Operator News

operator news ... operator news ... operator news ... operator news ... operator news operator news ... operator news ...

Southern Illinois Wastewater Operators

The Southern Illinois Wastewater Operators held a meeting on March 15, 2001, at the Rend Lake Resort and Conference Center located in Wayne Fitzgerald State Park, with 100 people in attendance. Brian Davis, president, welcomed everyone to the event and introduced the technical program.

Training sessions dealt with corrosion repair, painting, and confined space entry. The first session was presented by Randy Nixon of Corrosion Probe, Inc., Mike Cerutti and Steve Schatz of Coatings Solutions, LLC, on corrosion maintenance, repair and painting. The second session, on Confined Space Entry, was presented by Joe Lewison of the Illinois Department of Labor.

Officers for 2001 are Brian Davis, president; Dale Jones, vice president; and Phil Brandenburg, secretary-treasurer. Coffee, Danish rolls and door prizes were all donated by the vendors. The meeting was adjourned after an "all you can eat" buffet lunch. The next meeting of the Southern Illinois Operators will be a picnic at the Rend Lake Recreation Area on August 23, 2001. It will be catered by "Great Boars of Fire" from Jonesboro.

Candidates Successfully Pass Potable Water Operator Exams

In drinking water operator certification tests given Jan. 8, Feb. 5, March 5, March 23 and April 2, 2001, the following candidates successfully completed the examinations. Where known, their facilities are identified. Since some operators may have tested for more advanced ratings, some names may appear more than once.



Joe Lewison, Illinois Department of Labor, discusses confined space entry procedures.

Class A

Boston, Jan A.	Metropolis
Drake, Brian H.	Princeton
Eggers, Michael J. Jr.	Princeton
Francis, Lloyd R. III	Clinton
Heard, Randy M.	Centralia
Maher, Scott A.	Freeport
Martens, Mike D.	Geneva
Nevius, Douglas B.	Clear Water Service Corp.
Novotney, Shawn R.	Bartlett
Quafisheh, Nabil M.	Highland Park WTP
Rees, Kim L.	Freeport
Swingler, Dean D.	EJ Water Corp.
Tutterow, David W.	Dwight

Class B

Clifton, David L.	Bonnie Brae
Cook, Greg P.	Forest Manor
Cooper, Daniel A.	Crystal Lake
Glidewell, Carl R. Jr.	Cullom
Johnson, Rodney D.	Jewett
Jones, Thomas D.	Kewanee
Monson, Mark T.	Evanston
	Hampshire

Perkinson, David P.	Buckley
Tovar, John J.	West Dundee.
Vesper, Joseph Sr.	Sauk Village
Warner, Thomas E.	East Dundee

Class C

Adams, Michael R.	Princeton
Bjelke, Michael R.	Oak Forest
Bland, Jerry C.	Glenwood
Broster, Kevin W.	West Salem
Brown, Brandon W.	Chester
Brus, Benjamin J.	Bolingbrook
Clementz, Anthony R.	Princeton
Connolly, Berard P. Jr.	Consumers Illinois Water
Corum, Grant R.	Bement

Digester/Over the Spillway

Published by the Bureau of Water, Division of Public Water Supplies and Division of Water Pollution Control.

Editor.....Joan Muraro

Crum, Daniel R. Marquette Heights WTP
 Dado, Kenneth A. Orland Park
 Duke, Lawrence A. Franklin Park
 Flintroy, Paula D. Algonquin
 Geber, Matthew J. Park Ridge
 Gross, Joseph P. South Elgin
 Hoehler, Larry J. Rolling Meadows
 Jessen, Dennis M. Villa Park
 Kramer, Steve J. LaGrange
 Lemke, Christopher W. Sugar Grove
 Molitor, Timothy L. Schaumburg
 Montefalco, Joseph F. Roselle
 Pettigrew, Robert W. Homewood
 Price, Robert L. Robinson-Palestine
 Riddle, James t. Steger
 Rinehart, Michael N. Toluca
 Rishel, Mark D. Orland Park
 Rolando, Alex F. Hennepin
 Salinas, Paul A. Glenwood
 Sandberg, Carl A. Orion
 Schaefer, Louis C. Glenwood
 Shrewsbury, Thomas D. Hebron
 Stabile, Benny J. Orland Park
 Staley, Thaddeus S. Mt. Vernon
 Steenwyk, Louis R. Evergreen Park
 Strutzenberg, Thomas M. Crestwood
 Taggart, Joe. St. Francisville
 Thurm, Martin L. Rock falls
 Tropea, Giuseppe Riverside
 Vanderwoude, Glenn A. Lynwood
 Wade, Dan T. Glenwood
 Walker, Mauri G. Filmore
 Ward, Craig W. Oakbrook Terrace
 Watkins, Dale A. West City
 Westner, Jason A. Robinson-Palestine
 White, Steven M. Ill. American Water /
 Champaign
 Udaykee, Brian W. Hickory Hills
 Wehrle, Christopher J. S. Chicago Heights

Class D

Alongi, John S. Herrin
 Babica, Richard K. South Elgin
 Clark, Bradley J. Otter Creek Lake Utility
 Cragg, Joe W. Chatham
 Hampsey, Jack B. Johnston City
 Hartline, Jeffrey R. Dongola
 Hite, Thomas E. Dongola
 Hosfeldt, Herbert R. Vienna
 Kee, Vernon S. Johnston City
 Kuhl, Keith W. EJ Water Corp.
 Mossman, Rachel R. Charleston
 Nelson, James R. Hamilton County
 Water Dist.
 Pritchard, Patricia S. Wilmington
 Rangel, John W. West Dundee
 Romig, Stuart D. Zion

Wastewater Plant Operator Candidates Pass Exams

Those passing the examinations for certification as wastewater treatment plant operators between Oct. 1, 2000, and March 31, 2001, are listed here by category. Their places of employment are shown where they are known. The -0- symbol indicates this information was not available.

Class 1

Baldwin, Brian S. Monticello WWTF
 Calvin, Donnie L. Cairo WWTF
 Hart, Michael T. LCDPW-New Century
 Town
 Hensley, Carl V. Colona Regional WWTF
 Naugle, Paul C. Barrington
 Oliver, Paul H. Citizens Utility/W.
 Suburb #2
 Rick, Robert S. Ottawa WWTF
 Sheridan, Todd W. Island Lake SD
 Stahler, Michael A. Marengo WWTF

Class 2

Bhatia, Madan Mohan I. Lindenhurst WWTP
 Dillmann, Charistopher J. Glenbard
 Wastewater Author.
 Hernandez, Charles Lindenhurst WWTP
 Ligman, Robin M. Caterpillar
 Lockard, Morrie R. Clinton SD
 Marino, Guy G. Glendale Heights WWTF
 Newton, David A. Lake Co. Dept. Public
 Works
 Smith, William D. Huntley WWTP
 White, Perry A. Centralia WWTF
 Yates, William R. Marissa WWTF

Class 3

Cacioppo, Paul A. Mundelein WWTF
 Cash, Troy F. Yates City WWTF
 Feger, Robert E. Fox Lake NW Regional
 WWTF
 Gearing, Daniel E. Vienna Correct. Center
 Greenfield, Rob B. Mundelein WWTF
 Gulley, Glenn D. Sesser WWTF
 Heywood, Vincent J. LCDPW New
 Century Town
 Hunziker, John D. Murphysboro WWTF
 Jeffery, Thomas A. American Bottoms
 Regional WWTF
 Kern, Cory A. Washington WWTF
 Lalor, Joe V. Woodstock WWTF
 Mann, Daniel S. Fox River WRD
 Marino, Guy G. Glendale Heights WWTF
 Melton, Janice E. Genoa WWTF

Meyer, Paul E. Freeport WWTF
 Morphey, Rick E. Sandwich WWTF
 Peterson, Andrew R. Island Lake SD
 Rudiger, Herbert O. III Fox River WRD
 Single, Tamara C. Lake in the Hills SD
 Wibben, Michael L. Urbana Champaign SD
 Ziesmer, Thomas R. Channahon WWTF

Class 4

Alberts, Timothy G. Daniansville WWTF
 Arentsen, Gary J. Germantown WWTF
 Ballinger, David L. Strasburg WWTF
 Beard, Michael D. exington WWTF
 Bellitto, Anthony J. Alton WWTF
 Caccamo, John E. Jr. Lake in the Hills SD
 Cardosi, Gregory A. Dickson Mounds
 Museum
 Carter, Jimmy D. II Green Valley WWTF
 Cooper, Leandra O. U.S.Penitentiary/
 Marion
 Davis, Steven E. Galesburg SD
 Decker, Adam L. Robinson WWTF
 Eipers, Ben P. Sandwich WWTF
 Fisher, Wade R. Fox Metro WRD
 Hartline, Jeffrey R. Dongola WWTF
 Haucke, Stephen P. -0-
 Hilgert Paul A. Alton WWTF
 Hite, Thomas E. Dongola WWTF
 Hoke, Lanny R. Palestine WWTF
 Howell, Joseph A. IDOT/Effingham
 Hyde, Russell B. Princeville WWTF
 James, Jeffery L. Gardner WWTF
 Larimore, Jeffrey D. Delavan WWTF
 Lathrop, Jeffrey S. olney WWTF
 Liston, Roger K. Palestine WWTF
 Loy, Joseph V. IDOT/Effingham
 Marion, Guy G. Glendale Heights WWTF
 Meniitti, Allen J. Breese WWTF
 Naas, Roger M. Tonica WWTF
 Neier, Daniel C. Highland WWTF
 Nelson, Russell L. Island Lake SD
 Orszula, Timothy E. Fox Lake NW
 Regional WWTF
 Oulrey, Garry G. Salem WWTF
 Peters, Adam R. East Dundee WWTF
 Polacek, Randy J. Waterloo WWTF
 Repta, Jack C. Crystal Lake WWTF
 Robinson, Corey S. Odell WWTF
 Schlamp, Lynn A. Freeport WWTF
 Schlenker, Andre J. Lake Barrington
 Shores
 Sefton, Michael A. Brownstown WWTF
 Steber, Anthony A. Olney WWTF
 Strohl, Thomas M. IDOT/Effingham
 Terrones, Joseph P. Streator WWTF
 (US Filter)
 Timmermann, Duane C. Breese WWTF
 Tresenriter, Gary M. Morrison WWTF
 Watson, Randy L. -0-
 Wickersheim, Roger D. Jr. Mundelein
 WWTF

Wierema, Ryan M. Mundelein WWTF
 Winter, Steven C. Scales Mound WWTF
 Zumbahlen, Robert L. Sigel WWTF

Collection Systems Pass

Beach, Bryan J. Sugar Grove
 Christman, Alvin D. Crystal Lake
 Sewer Dept.
 Claudio, Gary L. Bolingbrook
 Corbin, Kenneth E. Fox Metro WRD
 Drey, Christopher J. Bolingbrook
 Enda, Kenneth R. Bolingbrook
 Gallina, Joseph J. Crystal Lake WWTF
 Garbs, Gregory R. Streator (US Filter)
 Hanson, Frank C. Moline

**October-December 2000,
 January-March 2001**

Class K Pass

Aguilera, Adrian Morgan O'Hare
 Ammerman, Frank W. Cilco
 Anderson, Brian R. ATA Finishing Corp.
 Anderson, Van D. Alton & Southern RR
 Armentrout, Okey D. Eisenmann Corp.
 Avans, Michael A. Illinois Central Railroad
 Baerwald, Jeffrey R. Sugar Creek Pack.
 Behr, Michael J. Equistar
 Berg, Danny D. Ameren Energy
 Bethard, Mark J. FPM-DB Metal
 Bohannon, Kelly Aramark

Derya, Tansel H. Underwriters Lab
 Dodge, Robert D. Allied Signal
 Drimalla, Glenn Source Display
 Fields, Donny J. Culligan
 Fisher, Willie E. API Industries
 Flores, Pedro Amtrak
 Fontenot, Madeline Steiner Co.
 Frey, Kurt S. Equistar
 Garcia, Daniel P. Stolthaven
 Garnhart, Tad R. FPM-DB Metal
 Garrett, Shane J. Steagall Landfill-
 Galesburg
 Guest, Gregory VIM Recyclers
 Hager, Michelle Dixline Corp.
 Hamilton, Stan E. Drive Lok Inc.
 Harrell, Brent D. Nascote Ind.
 Hegele, Paul J. Garrett Aviation
 Holmes, Jeremy P. Midwest Services
 Homolka, Ronald F. M&M Mars
 Hood, Ralph L. NTL Rail-Chrome Auto
 Horton, Raymond C. Filter Systems
 Howard, Joseph H. LTV Steel Co.
 Huckstep, Roger Ametec Precision
 Production
 Hunter, Russell E. No. IL Metal
 Hutchings, Gayle L. Equistar
 Johns, Daniel P. Universal Flavors
 Jones, Jeff A. Aramark Uniform
 Jordan, Stephan R. No. Illinois Metal
 Justice, Thomas L. Equistar
 Kallarachal, Joshy Poly Circuits Inc.
 Kennedy, Richard A&R Transport
 Knapp, Timothy A. Intertape GP
 Kobe, Jane M. Caterpillar
 Kocienda, Dennis L. Qualex
 Kolo, Joseph R. Mickey's Linen & Towel
 Korst, Michael W. Equistar
 Kurwicki, Gregory M. Nascote Ind.
 Less, David P. Source Display
 Little, Douglas R. Caterpillar
 Lockard, Morrier R. Clinton Sanitary
 District
 Lovett, Michael A. IBIDEN
 Lucas, John W. FPM-DB Metal
 Lucke, Craig J. Midwestern Generation
 Madsen, John Ingersoll Rand
 Mahoney, Michael T. Dorma Door
 Majerchin, Louis J. Plymouth Tube
 Malybaeva, Gainel O. Equistar
 Martin, John R. Equistar
 Martino, Richard E. Equistar
 Matzke, Richard J. Stack on Products
 Maxheimer, Stanley T. Maxco Redi-Mix
 McCormack, Joseph Stack on Products
 McHale-Nesbit, Bridgid K. AM Plating
 & Mfg.
 Milla, Alan Chicago Specialties
 Miller, Todd A. Dow Jones
 Moore, James C. Equistar
 Neal, Michael G. Equistar
 Neidigh, Douglas W. Eaton Corp.
 Oriehuela, Lamberto Q. Equistar
 Pankow, Donald C. Driv-Lok Inc.



David Woodruff and Jerry Kee select the lucky winners for door prizes.

Hartray, Joe P. Bartlett
 Hoeft, Thomas Crystal Lake
 Lemke, Christopher W. Sugar Grove
 Martenson, William F. Crystal Lake
 Sewer Dept.
 McGinnis, John P. Plano
 Merkel, Brad R. Sugar Grove
 Orey, Mark W. Moline
 Padgett, Lawrence K. Urbana-
 Champaign SD
 Peterson, Andrew R. Island Lake SD
 Sheridan, Todd W. Island Lake SD
 Sovsky, Phillip M. Lake in the Hills SD
 Sullivan, Joseph M. -0-
 Varner, David G. Schaumburg
 Zurliene, Dennis J. Fairfield Collection
 System

Bozue, James A. Com Ed
 Brennan, Jennifer M. IMTT
 Brizic, Michael F. Amtrak
 Brown, Nicholas P. Mickey's Linen
 & Towel
 Burke, Dona L. Equistar
 Burns, Jeremiah J. Superior Carrier
 Bussie, Charles L. Taylor Co.
 Chevalier, Michael M&M Mars
 Cirks, Edward A. Shell Oil
 Clemmins, Bobby D. Equistar
 Conner, Christine A. Stolthaven
 Chicago Inc.
 Cook, Samuel D. ACTRACHEM
 Copeland, Rick A. Kerr-McGee Rare Earth
 Courto, Allen R. Riverway Harbor
 Crawley, Colin B. BP Amoco Chemical
 Cullen, Shawn P. Equistar
 DeLaMora, Abraham A&J Plating
 DeLeon, Mario M&M Mars

Pluff, Brian S.	Tower Automotive	Stagner, David M.	Chicago Specialities	Zak, George M.	M&M Mars
Podkul, Bryan K.	Gateway Western	Stennett, Vincent A.	Case Inc.	Zamiski, Douglas	Underwriters Lab
Price, Brian S.	Acme Solvents	Szitasy, Philip J.	Equistar	Zamudio, Jaime	Abbott Labs
Provance, Gerald I.	Equistar	Tenore, Lou	Eden Processing	K-WR Pass List	
Punke, Dennis E.	Equistar	Tezak, John W.	Equistar	Jarosik, Randolph B.	Inactive
Rahmel, Scott M.	AC&R Components	Thomas, James W.	Equistar	McManus, James L.	West Shore Pipeline
Rigsby, Robert C.	Abbott Labs	Tierney, William P.	Laclede Steel	Newman, Karl F.	Inactive
Roeber, Fred W.	Amtrak	Tredway, Brandon W.	Stolthaven	Stack, Charles R.	Inactive
Rook, Juliann P.	North American Electric	Van Doren, Daniel L.	Chicago Inc.		
Salisbury, James A.	Rochester Midland	Veenbaas, Fredrick D.	Tower Automotive		
Santefort, Jerrold	Mack Chicago	Villegas, Jaime	Midwest Generation		
Scavelli, John	Griffith Labs	Wilhelmi, Allen	New Heights Recovery		
Slocum, Ronald J.	FPM-DB Metal	Wolters, Brian T.	Midwest Services		
Snow, Daniel L.	Plymouth Tube		LTV Steel Co.		

Toby Frevert New WPC Division Manager

Effective May 21, Toby Frevert became the new manager of the IEPA's Division of Water Pollution Control. He had been acting division manager since January.

Frevert has more than 30 years of environmental protection experience, having joined the Agency 13 days after its creation in July 1970. Between March 1991 and November 1996 he served as air quality planning section manager in the Division of Air Pollution Control.

In the Division of Water Pollution Control, he has been supervisor of the program development unit, manager of the planning section where he oversaw development of state water quality standards, and since 1996 has been Great Lakes Coordinator for the Bureau of Water. In that capacity

he provides the Illinois perspective on technical and policy issues involving Great Lakes ecosystem management in matters of interstate and international significance.

Frevert is a graduate of the University of Illinois at Urbana, with a degree in environmental engineering. He is a registered professional engineer

Flouride continued from page 2

Fluoride is found naturally in water, but in many communities the amount of the mineral is too low and does not meet the required standards. When this occurs, fluoride must be added to the water to provide the most oral health benefits to the community. Currently, 950 water systems add fluoride to their water. Though the chief

benefit of fluoride in drinking water has been linked to improved dental health in children, recent research has shown that proper levels of fluoride in drinking water protect teeth through life. This protection becomes important particularly as individuals age, by helping prevent oral diseases that could lead to other serious general health problems. Fluoridating a community water supply costs an average of 20

cents to 30 cents per person served. Studies have found that every dollar spent on fluoridation saves as much as \$56 in dental care costs. System operators send water samples to a certified lab on a monthly basis for testing and IDPH monitors the sample results to ensure fluoride levels meet state standards.

Digester/Over the Spillway

Published by the State of Illinois
Environmental Protection Agency
Box 19276
Springfield, Ill. 62794-9276

PRESRT STD
U.S. POSTAGE
PAID
SPRINGFIELD, IL
PERMIT NO. 704