North Dakota Water and Pollution Control Conference

NDWPCC

OFFICIAL BULLETIN

Winter Issue

October-December 2009 • Volume 95 • Numbers 10-12

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Members of the Conference are indebted to those members and others who have contributed articles and other materials for this publication.

OFFICIAL BULLETIN

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North Dakota Water and Pollution Control Conference

Winter Issue **Established 1935**

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The objectives of this Conference shall be: the advancement of the knowledge of design, construction, operation and management of water and wastewater systems; the promotion and encouragement, through annual meetings or otherwise, of an exchange of information and experience among its membership; the promotion and encouragement of the protection of public health and improved environment through the construction and efficient operation of water supply and wastewater treatment facilities; and the promotion of water and wastewater system operator education and certification programs.

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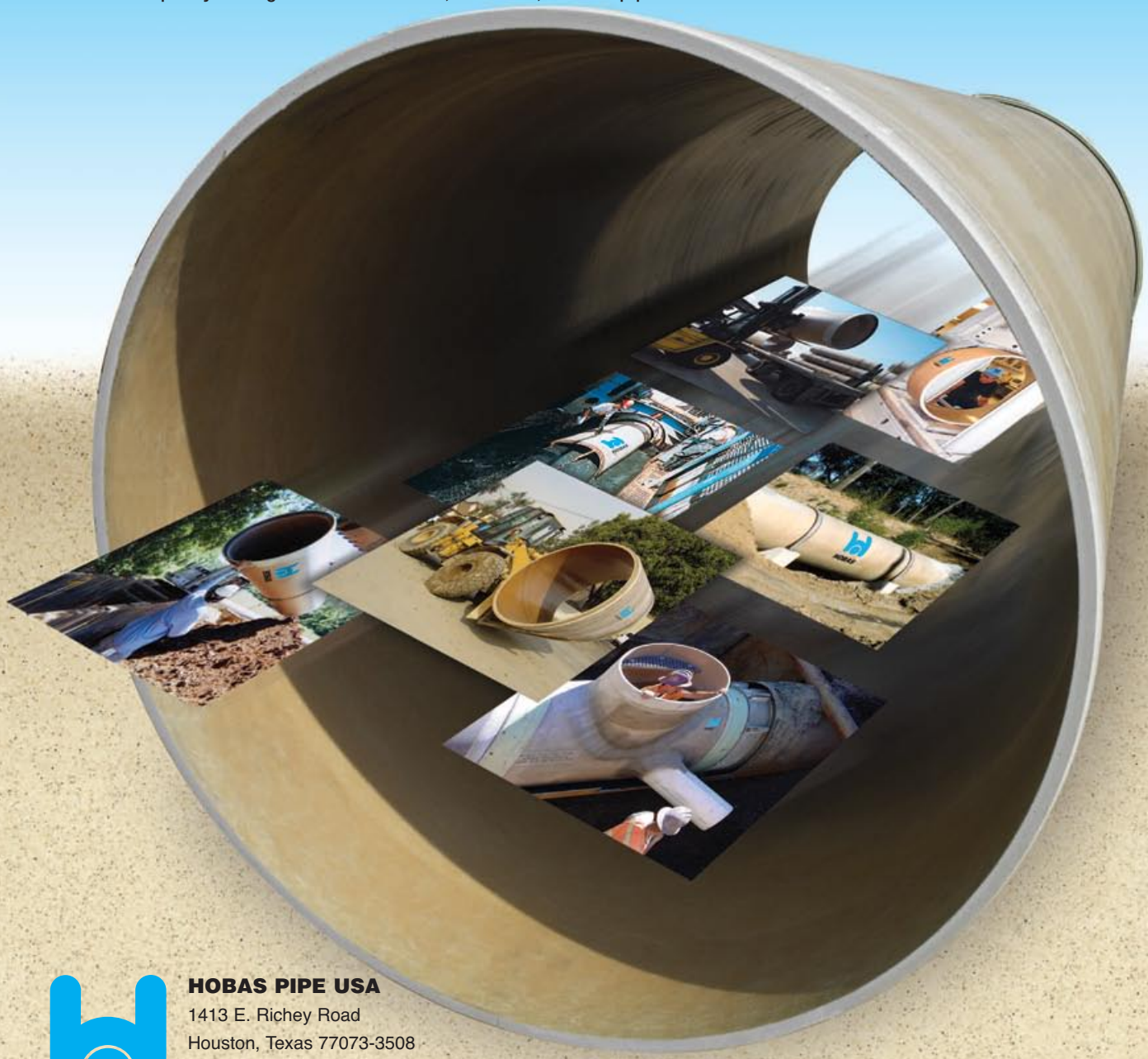

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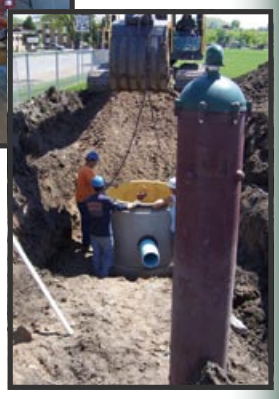

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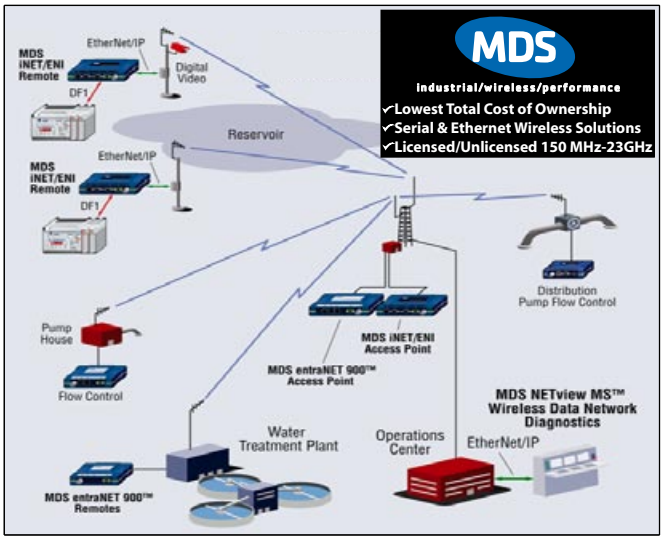

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Minutes of the 81st Annual Meeting of the North Dakota Water and Pollution Control Conference

The 81st Annual Meeting of the North Dakota Water and Pollution Control Conference (NDWPCC) was held in Minot, N.D. at the Grand International Inn October 20, 21 and 22, 2009. The annual meeting/convention was held jointly with the North Dakota Chapter of the American Public Works Association (NDCAPWA), the North Dakota Water Environment Association (NDWEA), and the North Dakota Section of the American Water Works Association (NDAWWA).

The NDAWWA Education and Research Committee held a pre-conference meeting at 7:30 p.m. on Monday, October 19, 2009, in the Candlelite I Room of the Grand International.

Board meetings were held Tuesday, October 20, 2009 by NDAWWA at 7:30 a.m., in the Minot Room; NDCAPWA at 8:00 a.m., in the International Room; and NDWEA at 8:00 a.m. in the Maple Leaf Room. Additional NDAWWA committee meetings were held at 10:30 a.m. following the 9:30 a.m. joint board meeting. During the board meetings, the associations planned their business luncheons, heard committee reports, formed committees and conducted other needed business. Association business meetings were held Tuesday, October 20 (NDCAPWA); Wednesday, October 21 (NDWEA); and Thursday, October 22 (NDAWWA).

North Dakota Department of Health (NDDH) water and wastewater certification exams were written Tuesday, October 20, 2009 from 7:30 - 11:30 a.m. in the Candlelite II Room, with 15 operators taking 16 exams. Registration opened at 8:00 a.m. on Tuesday, October 20, with Patty Carman and Katie Luther welcoming all attendees. A total of 331 pre-registered, with final attendance being 322.

The joint board of directors of the NDWPCC, NDWEA, NDCAPWA and NDAWWA met at 9:30 a.m. Tuesday, October 20, in the Candlelite I Room with NDWPCC President Lisa Ansley presiding. President Ansley called the meeting to order at 9:34 a.m., and asked all in attendance to introduce themselves and sign the attendance roster being circulated. The following board members and guests were in attendance: Chuck Abel, Lisa Ansley, Gary Bracht, Mike Brisben, David Carlson, Eric Dodds, Joe Ferguson, Bill Gefroh, Rick Gillund, Dale Heglund, Dan Jonasson, Betty Jordan, Miranda Kleven, Wei Lin, Seth Lynne, Chad Miller, Karla Olson, Tim Paustian, Meredith Quinn, Skip Rapp, Rusten Roteliuk, Darin Schaeffer, Dean Sletten, Jason Sorenson, Jacob Strombeck, Larry Thelen, Eric Volk, Greg Wavra, Chad Zander and Jeff Zdrojewski.

President Ansley entertained a motion to dispense with reading of the minutes from the May 20, 2009 joint board meeting at the Seven Seas Hotel in Mandan and approve the copy mailed to each board member or the copy published in the *Official Bulletin*. Rick Gillund so moved. Chuck Abel seconded, and the motion carried.

Mike Brisben, presented the January 1, 2009 - September 30, 2009 NDWPCC treasurer's report, listing a net income of $25,107.25 and a net worth of $72,944.27. Bill Gefroh asked about the *Official Bulletin* advertisers mailing expense with Mr. Brisben stating that the expense listed was for soliciting additional advertisers for the conference issue. Skip Rapp moved to accept the treasurer's report as presented. Seth Lynne seconded, and the motion carried. President Ansley called for a report on the 2013 Grand Forks proposal. Mr. Brisben reported that a $1,413.25 nonrefundable meeting room deposit was made to the Alerus Center June 17, 2009. To offset the room deposit, a $1,500.00 sponsorship check from the Greater Grand Forks Convention & Visitors Bureau was received by the NDWPCC July 22, 2009. Remaining expenses will be covered by the city of Grand Forks. Convention dates are reserved for October 21 - 24, 2013. Mr. Brisben further reported that tentative dates for the 2014 Fargo conference are October 13 - 16, 2014 or October 20 - 23, 2014. Seth Lynne moved to accept the October 13 - 16, 2014 dates. Bill Gefroh seconded, and the motion carried.

President Ansley called for any other old business. Hearing none, President Ansley asked for volunteers for the nominating committee. Bill Gefroh, Dale Heglund and Miranda Kleven volunteered with Ms. Kleven agreeing to announce the slate of officers at the Thursday business meeting. Next, volunteers were requested for the auditing committee, with Skip Rapp and Dean Sletten agreeing to serve.

Continuing with new business, President Ansley reviewed the activities and schedule for the 81st meeting. Activities included golf, team trivia, a spouse/guest luncheon and tour, field trips to Minot and NAWS facilities and three concurrent sessions. President Ansley called for topics and presenters for the 2010 spring training sessions and the fall conference in Fargo.

President Ansley nominated Richard Wanner from Bismarck for life membership and called for any other nominees. Rusten Roteliuk nominated Waide Kritsky from Minot. Mr. Brisben noted nominations for life members would be called for from the floor and voted on at the Thursday NDWPCC business meeting.

President Ansley called for any other new business. Mr. Brisben provided tentative dates for the January 2010 and May 2010 joint board meetings in Mandan. Mr. Brisben also noted that several parties that registered asked to pay by credit card. He further indicated that a payment program could be set up through BNC Bank but would require set-up and user fees. Eric Volk from North Dakota Rural Water commented that his association would be starting a trial credit card payment program using PayPal for the upcoming Rural Water Expo in February 2010. Seth Lynne recommended that further discussion be tabled until the January 2010 meeting.

Continuing with new business Eric Dodds noted NDWEA was considering a student track for 2010 presentations. He then introduced two students in attendance, David Carlson from the new UND AWWA/WEA student chapter and Jacob Strombeck from NDSU. Mr. Dodds also noted that a student/young professional reception was being considered for Fargo and encouraged the joint board's support.

Hearing no other new business, President Ansley called for a motion to adjourn. Rusten Roteliuk so moved. Dale Heglund seconded, and the meeting adjourned at 9:58 a.m.

Water samples for the 18th annual water taste test, sponsored by NDAWWA, were accepted at the registration table throughout the day Tuesday.

The Tuesday luncheon and NDCAPWA business meeting were held in the Grand Ballroom at 11:30 a.m., with NDCAPWA President Rusten Roteliuk presiding. Alderman Aaron Vibeto welcomed all attendees on behalf of the city of Minot, and President Roteliuk welcomed all on behalf of the NDWPCC, NDCAPWA, NDWEA and NDAWWA. President Roteliuk gave a brief update on infrastructure improvements in Minot and opened the NDCAPWA business meeting by presenting 2009 APWA Project of the Year awards to Cass Rural Water Users District and South Central Regional Water District.

At 1:00 p.m., the annual golf tournament teed off at Souris Valley Golf Course with Rick Hair and Jason Sorenson handling local arrangements.

The Tuesday afternoon concurrent sessions opened at 1:30 p.m., with NDCAPWA Director Dan Jonasson, NDWEA O&S Committee Member Don Tucker and NDAWWA Trustee Eric Volk moderating. The three concurrent sessions were held in the Norse, Viking and Executive Rooms of the Convention Center.

Tuesday's topics included:

- 2009 Flood Protection Lessons Learned at the Fargo WTP & WWTP - Eric Dodds, operations manager, AE2S.
- Water Demands on the Oil Industry - Cory Chorne, project manager, AE2S and Bob Shaver, N.D. State Water Commission.
- Disinfection in a Multiple Source Regional Water System - Delvin DeBoer, director, Water and Environmental Engineering Research Center, SDSU.
- Wastewater Reclamation: Securing a Future for West Fargo - Jacob Strombeck, NDSU Student Chapter AWWA/WEF.
- China Exploration - A Cultural and Academic Experience for Engineering Students - Wei Lin, associate professor, Civil Engineering, NDSU.
- Bismarck's Extreme Makeover - John Fisher, senior wastewater operations specialist, SEH.
- NAWS Moving Forward - Michelle Klose, NAWS project manager, N.D. State Water Commission.
- McDowell Dam Water Quality Assessment and Improvements - Sherwin Wanner, project/office manager, Houston Engineering.
- GIS for Municipalities - Roger Grimsley, geomatics manager, AE2S.

The 3:00 p.m. break was held in the Grand Ballroom with all breaks sponsored by the business firms, vendors and commercial suppliers listed in the conference program.

The Tuesday night buffet was attended by 190 NDWPCC members and guests. A large crowd remained in the Grand Ballroom for team trivia with 44 people pre-registering.

Early set-up for the 21st exhibitor program was Tuesday from 7:00 p.m. to 9:00 p.m. in the Convention Center. Display hours were 7:30 a.m. to 11:30 a.m., Wednesday, October 21, 2009, with 49 vendors participating. The water taste test contest, along with NDCAPWA, NDWEA and NDAWWA booths, were located across the hall in the Grand Ballroom. A breakfast buffet sponsored by the exhibitors was held in the Grand Ballroom from 8:00 a.m. to 10:00 a.m., and a breakfast buffet poker game was played in the exhibit hall with Mishler Sales, Dakota Pump and Control, Quality Control and Integration, Tech Sales and Power Process Equipment being this year's card holders. The poker hands were turned in at the NDWEA booth with prizes going to the top three hands and a randomly drawn entry. The following participated in the exhibitor program: NDCAPWA; NDWEA; NDAWWA; North Dakota Sewage Pump Co.; Advanced Drainage Systems; Northern Water Works Supply; Bartlett & West, Inc.; Hach Company; Tonka Equipment Company;

Schwab Vollhaber Lubratt; ABM Equipment and Supply; Electric Pump, Inc.; Northern Dewatering, Inc.; Flexible Pipe Tool Co.; Engineering America, Inc.; North Star Cover-All; S. Roberts Company; American Flow Control/ American Ductile Iron Pipe; KLM Engineering, Inc.; MVTL Laboratories; AE2S; Hawkins, Inc.; SolarBee Inc.; Short Elliott Hendrickson, Inc.; Construction Specialties; Mishler Sales, Inc.; Moore Engineering, Inc.; Wells Concrete; Parsons Engineered Products, Inc.; Houston Engineering, Inc.; General Repair; Team Lab; Dakota Pump and Control, Inc.; North Dakota Rural Water Systems Association; U.S. Bureau of Reclamation; Power Process Equipment, Inc.; Fargo Water Equipment; Quality Flow Systems, Inc.; Quality Control & Integration, Inc.; Larson Data Communications; Kadrmas Lee & Jackson, Inc.; Ulteig Engineers, Inc.; Tech Sales; Cretex Concrete Products; Interstate Engineering, Inc.; Vessco, Inc.; Widseth Smith Nolting; Treatment Resources, Inc.; and Visu-Sewer, Inc.

The North Dakota Operator Certification Advisory Committee met Wednesday, October 21, 2009, at 9:00 a.m. to discuss new members and elect officers. The committee meets annually at the conference and provides support for the North Dakota Water and Wastewater Operator Certification Program.

One hundred twenty-one attendees signed up for the tours of the NAWS high service pumping station and Minot's municipal facilities.

The NDWEA luncheon and business meeting were held Wednesday at 11:45 a.m. in the Grand Ballroom with NDWEA President Eric Dodds presiding. Betty Jordan, WEF Board of Trustees, Dallas, Texas, provided an entertaining speech on WEF and the Water for People project. Winners of the breakfast buffet poker game were announced after the business meeting.

The Wednesday concurrent sessions convened at 1:30 p.m., with NDAWWA Trustee Jason Sorenson, NDCAPWA Secretary-Treasurer Shawn Soehren and NDCAPWA Director Chad Zander moderating. The concurrent sessions were held in the Executive Room, Candlelite I & II Rooms and the Lower Banquet Center.

Wednesday's topics included:

- Falkirk Mine Water Distribution System - Mike Berg, market leader/project manager, Ulteig Engineers.
- The Southwest Pipeline Project Experience with Chloramination - Jim Lennington, SWPP manager, Bartlett & West; and Joe Horner, project manager, Bartlett & West.
- WTP Chemical Bidding: The ND Market and Recent Impacts - Brett Jochim, chief operating officer, AE2S.
- Sewer System Improvements, City of Northwood - Karla Olson, project manager, Ulteig Engineers.
- Managing Energy Uses for Water and Wastewater Utilities - David Brown, senior project manager, AE2S.
- Industrial Pretreatment - Panel Discussion - Jeff Roerick, environmental scientist, NDDH; Bill Gefroh, lab manager/industrial pretreatment manager, city of Bismarck; Steve Himmelspach, wastewater treatment plant superintendent, city of Mandan; Terry Rust, lab/industrial pretreatment coordinator, city of West Fargo; and Steve Lagro, lab manager, MVTL Laboratories Bismarck.
- NAWS Project Interoperations - Kevin Martin, principal, Houston Engineering.
- Optimize Plant Performance with Online Analytical Equipment - Eric Lehmann, regional manager, Hach Company.

Attendees met at 3:00 p.m. in the Grand Ballroom for an afternoon break.

A social hour was held at 5:30 p.m. prior to the annual banquet. The following companies graciously sponsored the social hour, door prizes, coffee breaks and golf tournament: AE2S; Bartlett & West; Engineering America; Hawkins, Inc.; Houston Engineering, Inc.; Hughes Lift Station Service, Inc.; Kadrmas Lee & Jackson, Inc.; Killoran Trucking & Brokerage, Inc.; KLM Engineering, Inc.; Mishler Sales, Inc.; Moore Engineering, Inc.; ND Sewage Pump & Lift Station Service Co., Inc.; Northern Dewatering, Inc.; Northern Water Works Supply; Parsons Engineered Products, Inc.; Short-Elliott-Hendrickson; SolarBee, Inc.; Team Lab Chemical Corp.; Ulteig Engineers, Inc.; Widseth Smith Nolting & Associates, Inc.; and Wold Engineering, P.C.

The annual banquet and awards ceremony was held in the convention center with 238 members and guests in attendance. NDWPCC Past President Terry Rust gave the invocation and Master of Ceremonies Bill Kolb introduced the officers and dignitaries at the head table. Entertainment was provided by Java Jazz and several awards were presented following the banquet.

Jeff Zdrojewski, AWWA Vice-President, presented the AWWA George Fuller Award to Deon Stockert, drinking water manager, AE2S, Great Falls, Mont., with Lisa Ansley, NDAWWA Director, accepting on Deon's behalf. Gary Zander, water treatment plant superintendent, city of Mandan, received the AWWA Operator Meritorious Award.

Betty Jordan, WEF Board of Trustees, presented Bill Gefroh, lab manager/industrial pretreatment manager, city of Bismarck, the Arthur Sidney Bedell Award, and Phil Parsons, president, Parsons Engineered Products, Inc., St. Louis Park, Minn., received WEF Quarter Century Operators Club and Life Membership Awards.

NDCAPWA President Rusten Roteliuk, city engineer, city of Minot, presented Ms. Jordan and Mr. Zdrojewski gifts of appreciation on behalf of the NDWPCC, NDCAPWA, NDWEA, NDAWWA and the city of Minot as mementos of their trips to North Dakota and contributions to the conference.

A total of 11 community water systems participated in the 18th annual drinking water taste test with Grand Forks, Valley City and Wahpeton the three finalists. Meredith Quinn, design engineer, AE2S, announced the winner with Wade Hesch accepting on behalf of Valley City.

Charlie Vein, president, AE2S, drew the names of the winners for the 8th Annual Water for People raffle. Larry Thomas, city of Washburn, was this year's grand prize winner. A total of $4,005 was raised from the raffle tickets, golf sponsors and mulligans.

Katie Luther, NDDH, presented 50-Year Fluoridation Awards to Cooperstown, Grand Forks, Rugby and Valley City for their communities' commitment to public health and the prevention of dental caries and dental disease. Joe Ferguson accepted on behalf of Grand Forks, Greg Boucher, on behalf of Rugby and Wade Hesch, on behalf of Valley City. A representative from Cooperstown was unable to attend.

Mike Brisben, NDDH, presented Operator of the Year Awards to Dennis Larson, public works director, Park River; Ken Miskavige, water department superintendent, Grafton; Gary Neuberger, water and wastewater foreman, Beulah; and Jason Sorenson, water treatment plant superintendent, Minot, for outstanding service and dedication.

To complete activities for the evening, Master of Ceremonies Kolb assisted Mr. Brisben by drawing names for the grand prizes.

The annual public works director and city engineers meeting was scheduled Thursday at 7:30 a.m. in the Candlelite I Room.

The three Thursday morning concurrent sessions began at 8:30 a.m., with NDAWWA Secretary-Treasurer Chad Miller, NDWEA O&S Committee Member Kevin Martin and NDWPCC Director Dean Sletten moderating.

Thursday's sessions were held in the Norse, Viking and Executive Rooms of the Convention Center.

Thursday's topics included:

- Stage 2 DBPR Disinfectants and Disinfection By-products Rule-monitoring Requirements and Compliance Determination - Lydia Fewless, environmental scientist, NDDH.
- Ozone 101 - Perry Johnson, senior project engineer, AE2S.
- The Ground Water Rule - Gary Stefanovsky, environmental scientist, NDDH.
- AWWA Update - Jeff Zdrojewski, AWWA vice-president, senior associate, Malcolm Pirnie.
- Wastewater Panel Discussion - 2009 Lagoon Issues & Observations - Terry Rust, lab/pretreatment coordinator, city of West Fargo; Skip Rapp, public works manager, city of Dickinson; Bill Gefroh, lab manager/industrial pretreatment manager, city of Bismarck; Steve Himmelspach, wastewater treatment plant superintendent, city of Mandan; and Gary Bracht, environmental engineer, NDDH.
- Biosolids Improvements - City of Moorhead - Karla Olson, project manager, Ulteig Engineers, Inc.
- Computer Model Application in WWT - Don Tucker, wastewater treatment plant superintendent, city of Grand Forks.
- Camp Grafton Elevated Tower Rehabilitation - Mike Berg, market leader/project manager, Ulteig Engineers, Inc.
- Solid Waste Issues and Solutions for North Dakota - Steve Tillotson, assistant director, Division of Waste Management, NDDH.
- Dakota Magic Casino Cashed In - Jessica Werder, project manager, wastewater services, SEH.
- 2009 Flood Fight & Future Flood Control Plans - Dain Miller, assistant vice-president, surface transportation & infrastructure, Ulteig Engineers, Inc.
- Minot East Side-Valley Zone Water Distribution System Improvements - David O'Shea, operations manager/project manager, Houston Engineering, Inc.

A break was held in the Grand Ballroom at 10:00 a.m.

The joint business meetings and luncheon of the NDAWWA and NDWPCC were held at 11:30 a.m. in the Grand Ballroom with NDAWWA Chair Joe Ferguson and NDWPCC President Lisa Ansley presiding. Chair Ferguson opened the NDAWWA business meeting. Jeff Zdrojewski, AWWA Vice-President, Buffalo, New York, gave a brief presentation and applauded the joint boards for working together.

President Ansley called the NDWPCC business meeting to order at 12:10 p.m. by entertaining a motion to dispense with the reading of the minutes from the 2008 annual meeting in Bismarck and approve the minutes as published in the *Official Bulletin*, October-December 2008, Volume 94, Numbers 10-12. Dale Heglund so moved. Joe Ferguson seconded, and the motion carried.

The treasurer's report was presented by Mike Brisben, listing the conference's net worth at $72,944.27, with a net income of $25,107.25 for 2009. Charlie Vein moved to accept the treasurer's report as presented. Bill Gefroh seconded, and the motion carried.

President Ansley next called for a motion to dispense with the reading and approve the resolutions as written and posted near the registration table throughout the conference. Mel Bullinger so moved. Charlie Jaszkowiak seconded, and the motion carried.

President Ansley nominated Richard Wanner, city of Bismarck, for life membership. President Ansley then called for further nominations from the floor, with Rusten Roteliuk nominating Waide Kritsky, city of Minot. President Ansley then called for a motion to close nominations and the Secretary-Treasurer be instructed to cast a unanimous ballot. Tom Welle so moved. Keith Demke seconded, and the motion carried.

Miranda Kleven of the nominating committee recommended the following slate of officers for 2009-2010:

President: Miranda Kleven
President-elect: Chuck Abel
Vice president: Karla Olson
Holdover directors: Bill Gefroh, Gary Bracht and Dean Sletten
Incoming director: Dan Jonasson
Associate director: Steve Lagro
Secretary-treasurer: Mike Brisben

President Ansley requested any nominations from the floor. Hearing none, President Ansley called for a motion to close the nominations and the Secretary-Treasurer be instructed to cast a unanimous ballot. Paul Levchak so moved. Dave Kresel seconded, and the motion carried.

Ms. Ansley turned the meeting over to incoming President Miranda Kleven. President Kleven presented Ms. Ansley the NDWPCC President's Service Award and thanked Ms. Ansley for her hard work, leadership and dedication over the last year. Ms. Ansley thanked Mr. Brisben and his staff for their hard work organizing and running the conference.

President Kleven reminded those attending that the names for remaining door prizes would be drawn after the luncheon and that the 82nd conference will be held October 12-14, 2010 at the Fargo Holiday Inn. With no further business, President Kleven called for a motion to adjourn. Seth Lynne so moved, and Brad Mosser seconded. The meeting adjourned at 12:28 p.m.

Respectfully submitted,
Mike Brisben
Secretary-Treasurer

Wold Engineering, P.C.
Consulting Engineers & Land Surveyors

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Bismarck (701) 258-9227
Minot (701) 852-0338
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RESOLUTION

WHEREAS, considerable time has been expended and expense incurred by Dale Heglund of Cretex Concrete Products in his position as Associate Director of the North Dakota Water and Pollution Control Conference during the past year, and in making this Joint Meeting with the North Dakota Water Environment Association, the North Dakota Chapter of the American Public Works Association, and the North Dakota Section of the American Water Works Association both a successful and enjoyable one;

NOW, THEREFORE, BE IT RESOLVED that the 81st Annual Conference of the North Dakota Water and Pollution Control Conference, the 50th Annual Conference of the North Dakota Water Environment Association, the 54th Annual Conference of the North Dakota Chapter of the American Public Works Association, and the 19th Annual Conference of the North Dakota Section of the American Water Works Association, here assembled, do express their heartfelt thanks and appreciation to Dale and that the Secretary be instructed to forward to him a copy of this Resolution.

Dated at Minot, North Dakota, this 22nd day of October 2009.

Secretary/Treasurer

RESOLUTION

WHEREAS, during the past year, the following members of the North Dakota Water and Pollution Control Conference have retired:

Waide Kritsky, Minot
Richard Wanner, Bismarck

NOW THEREFORE, BE IT RESOLVED that the 81st Annual Conference, here assembled, does express its thanks for their past years of service to the Conference and to the profession, and extends its best wishes to them in their future plans, and the Secretary be instructed to forward a copy of this Resolution to them.

Dated at Minot, North Dakota, this 22nd day of October 2009.

Secretary/Treasurer

RESOLUTION

WHEREAS, the North Dakota Water and Pollution Control Conference in its annual business meeting recognizes that the Water and Wastewater Operators' Training Sessions sponsored jointly by the Conference, the North Dakota Water Environment Association, the North Dakota Chapter of the American Public Works Association, the North Dakota Section of the American Water Works Association, and the North Dakota Department of Health were very successful and were of benefit to those attending and that the sponsoring organizations are desirous of continuing these training sessions;

NOW, THEREFORE, BE IT RESOLVED that the 81st Annual Conference of the North Dakota Water and Pollution Control Conference, the 50th Annual Conference of the North Dakota Water Environment Association, the 54th Annual Conference of the North Dakota Chapter of the American Public Works Association, and the 19th Annual Conference of the North Dakota Section of American Water Works Association, here assembled, do express their thanks and appreciation to the North Dakota Department of Health and the staff of its Municipal Facilities and Water Quality Divisions, who have contributed toward making these training sessions a success.

Dated at Minot, North Dakota, this 22nd day of October 2009.

Secretary/Treasurer

RESOLUTION

WHEREAS, considerable time is expended by the Municipal Facilities and Water Quality Divisions of the North Dakota Department of Health in furthering Conference development, aims, and purposes;

NOW, THEREFORE, BE IT RESOLVED that the 81st Annual Conference of the North Dakota Water and Pollution Control Conference, the 50th Annual Conference of the North Dakota Water Environment Association, the 54th Annual Conference of the North Dakota Chapter of the American Public Works Association, and the 19th Annual Conference of the North Dakota Section of the American Water Works Association, here assembled, do express their heartfelt thanks and appreciation to the North Dakota Department of Health for the work that has

been done, and especially to the Municipal Facilities and Water Quality Divisions for furthering the activities of the Conference, for their work on the Official Bulletin, and for their assistance in organizing the Water and Wastewater Operators' Training Sessions each year.

Dated at Minot, North Dakota, this 22nd day of October 2009.

Secretary/Treasurer

RESOLUTION

WHEREAS, the city of Minot through their Officials and Local Arrangements Committee has gone to considerable work and effort in making this Joint Meeting with The North Dakota Chapter of the American Public Works Association, the North Dakota Water Environment Association, and the North Dakota Section of the American Water Works Association not only a successful one, but an enjoyable one, especially through the spirit of welcome and friendliness shown, the splendid hospitality, banquet, and other arrangements:

NOW THEREFORE, BE IT RESOLVED that the 81st Annual Conference of the North Dakota Water and Pollution Control Conference, the 50th Annual Conference of the North Dakota Water Environment Association, the 54th Annual Conference of the North Dakota Chapter of the American Public Works Association, and the 19th Annual Conference of the North Dakota Section of the American Water Works Association, here assembled, do express their heartfelt thanks and appreciation to the following individuals who have contributed toward making the Joint Meeting a success:

Dave Burckhard	Rick Hair
Dolly Mickelson	Rusten Roteliuk
Jason Sorenson	Alan Walter
Cyndi Schnase	Dan Jonasson

Dated at Minot, North Dakota, this 22nd day of October 2009.

Secretary/Treasurer

Betty Jordan, PE, WEF Board of Trustees

Betty Jordan, P.E. is a member of the 2009-2010 Board of Trustees for the Water Environment Federation (WEF), an international organization of water quality professionals headquartered in Alexandria, Virginia.

She is currently the Manager of Technology with Alan Plummer Associates, Inc., located in Fort Worth, Texas. Betty has been with the company for 28 years and is a principal and member of their Board of Trustees.

A WEF member since 1987, Betty served as a WEF Director representing the Water Environment Association of Texas (WEAT) from 2004-2007 and on WEF's Long Range Planning Committee from 2006-2008. She has been a member of the Stockholm Junior Water Prize (SJWP) Committee and delivered the keynote address at the 2008 national SJWP competition in Orlando, Fla. In addition, Betty helped develop and secure speakers for the local issues technical sessions at WEFTEC®.06 in Dallas and frequently delivers technical presentations at water-related events. She also regularly delivers presentations about Water for People, WEF's Charity of Choice. In addition to WEF and WEAT, Betty is also a member of the American Water Works Association and the Texas American Water Works Association.

A 2000 recipient of WEF's Arthur Sydney Bedell Award, Betty has also received the Water for People Kenneth J. Miller Award (2007) and was inducted into the University of Texas at Arlington's Alumni CE Hall of Fame in 2008.

A registered professional engineer in Texas, Betty received a B.S. in Biology, B.A. in Chemistry and an M.S. in Civil Engineering from the University of Texas at Arlington.

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Minutes of the Statewide ND Water/Wastewater Agency Response Network

September 16, 2009

A meeting of the statewide North Dakota Water/ Wastewater Agency Response Network (ND WARN) was held September 16, 2009 at the North Dakota Department of Health located at 918 East Divide Avenue in Bismarck, North Dakota. The meeting was held in the downstairs video conference room. Video conference calls were made to sites located in the cities of Grand Forks and Dickinson. Present at the meeting were State-Chair Skip Rapp, city of Dickinson; Vice-Chair Joe LaFave, South Central Regional Water District; Secretary Hazel Sletten, city of Grand Forks; ND WARN members Ken Norton, Great River Energy; Don Tucker, city of Grand Forks; and Mary Massad, Southwest Water Authority. Also attending were associate members Eric Volk, ND Rural Water Association; and Greg Wavra, North Dakota Department of Health.

The meeting was called to order at 1:10 p.m. by Skip Rapp, and introductions were made. Skip thanked Greg and Eric for their efforts over the summer to get the word out to the water sector regarding ND WARN. Because of these efforts, many new systems have joined ND WARN over the last month.

Secretary's Report

The first item on the agenda was the secretary's report given by Hazel Sletten. Hazel presented a summary of the May 21, 2009 meeting. It was noted that not all members had received a copy of the minutes. Minutes from that meeting will be re-mailed. Eric Volk moved to approve the minutes of the past meeting, and Greg Wavra seconded. The motion passed.

Old Business

1. Website Development: Greg Wavra has received and reviewed the website format and codes that were developed by Pennsylvania WARN. South Dakota WARN has used the codes and format for their website as well. Greg has previously checked into the cost of a host site and has found that it is about $20.00 a month. Greg plans to ask the American Water Works Association (AWWA) Board of Trustees for the first year's support of this project. Once the site is up and running, advertising space to vendors and suppliers could be used to fund future costs associated with the site. Skip Rapp suggested that we ask all North Dakota Water and Pollution Control Conference (NDWPCC) groups to consider first year support as well, since ND WARN is a water sector program. It was agreed that requests would be made at the October NDWPCC. It was noted that South Central Regional Water District has already set aside $1,200 for the development of the ND WARN program. Joe LaFave suggested Steve Ellefson, a South Central Regional Water District board member, as someone to consult with about the development of the website. Eric Volk noted that website maintenance is relatively simple and could be done out of their office once the site is operational. Hazel Sletten brought up the North Dakota AWWA Public Relations committee as another source of assistance. There was consensus that we should have a brief discussion regarding the website at the NDWPCC in Minot October 20-22.

2. Resource Typing by Agreement Holders: Hazel Sletten reviewed the AWWA Resource Typing Guide and suggested a method on how ND WARN may want to proceed. Hazel suggested that each signed member start making lists of personnel and assets that they have available. Members will then bring their lists to the next quarterly meeting. At that meeting members will sit down face to face and start to standardize nomenclature as well as discuss how these assets could be developed into response teams within a particular region. Lists should include qualifications and details of the equipment (photos could be used). More information can be found in the AWWA Resource Typing Guide that was sent along with a ND WARN Operations Plan to each signed member. Attendees agreed that this would be a good first step with regard to resource typing.

3. NIMS/ICS Employee Training: Greg Wavra noted that there was National Incident Management System/Incident Command System(NIMS/ICS) training scheduled for September 22, 2009 in Bismarck. About 20 people have registered for this class that will be specific to the water sector. Greg noted that when this training was held in October 2008, 24 people also participated in the training. Discussion followed that several participating utilities already have personnel trained in NIMS/ICS 100 and 700 courses; however, they were not specific to the water sector. Training for NIMS/ICS 100 and 700 courses also are available on-line. If NIMS/ICS training is offered in the future, it could be at a higher level of accreditation.

4. Accessing WARN During Emergencies: Eric Volk updated the group on accessing ND WARN and gave a summary of the training "Are You Prepared for a Water or Wastewater Emergency?" held in Enderlin, Grand Forks, Dickinson and Minot during July. There were 67 attendees representing 31 systems, and nine county emergency managers. Content included discussion on emergency response plans, ND WARN and lessons learned from past disasters. Skip Rapp, Alan Walter, Rick Gillund and Hazel Sletten assisted with the training. Discussion on ND WARN membership shows that we have 18 signed

members spread evenly across the state. The one exception is the southeast corner where there is currently only one participating system.

5. Utility Development of Emergency Plans: Skip Rapp will be presenting his "Need for Emergency Response Planning" at the NDWPCC. He will address the city of Dickinson's recovery from ice storms in 2006 and from floods and the tornado in 2009. Greg Wavra noted that this is a topic that will continue to be addressed during the North Dakota Department of Health's Operator Training and Certification programs.

6. Development of Emergency Mobile Operations Vehicle: Joe LaFave updated the group on the development of an emergency response vehicle and trailer. The request for funding for the mobile unit had been turned down, but Joe will be continuing to work on details for future development. Some of the issues that need resolution include: (1) party responsible for the trailer, (2) training needs, and (3) equipment to be included in the trailer. At this point, other avenues of funding must be found. The group will continue to work on the above mentioned details so that if and when funding can be obtained for this project we will be ready.

New Business

1. EPA Security/Emergency Preparedness Grant: Greg Wavra updated the group on a request for grant money from the Environmental Protection Agency (EPA) that was applied for by the North Dakota Department of Health for use by the ND WARN program. The money was requested for use on an emergency response trailer. The request was turned down because the grant's original intent was for training and education on security and emergency preparedness issues. EPA stated, "Although a mobile unit would be in support of water sector security efforts, the primary purpose of the equipment would not fulfill requirements under the water security guidance and statutory authority." In other words, EPA believed that training and education would be a minor use of the funds.

2. Public Health Emergency Preparedness Cooperative Agreement (PHEPCA): Greg Wavra informed the group that a request was sent to the North Dakota Department of Health's Division of Emergency Preparedness on May 1, 2009, inquiring if there could be funds available through its program for the development of an emergency response vehicle. The request also asked for feedback regarding whether the ND WARN Program would complement other activities within the PHEPCA program, qualify for funding, and if an application for funding should be pursued. To date, no response to this request has been received. Future follow-up will be needed.

3. North Dakota Nonprofit Corporation Articles of Incorporation: Greg Wavra discussed the need to file for North Dakota Nonprofit Corporation Articles of Incorporation with the Secretary of State's Office. ND WARN will need this designation with the state to receive future grants or funding from other sources. Once the form is on file with the Secretary of State's Office, an IRS 501 C-3 tax identification number will also have to be obtained. Joe LaFave moved to incorporate under the North Dakota Nonprofit Corporation Articles of Incorporation. Greg Wavra seconded, and the motion passed. Greg Wavra then made a motion to authorize members attending at the Bismarck site be allowed to sign the form. Mary Massad seconded, and the motion passed.

4. National Infrastructure Advisory Council: Greg Wavra stated to the group that in July, Minnesota Governor Tim Pawlenty chaired this council and passed on to the President as part of its recommendations that the water sector should receive its own Emergency Support Function designation within the National Response Framework. It is believed that if this were to be acted upon, it would improve functional response and break up the log jam of requests that typically occur under the existing framework where water sector needs compete for attention with other public works issues. Greg will keep the group advised of any new developments on this issue.

5. North Dakota Water and Pollution Control Conference: Skip Rapp stated to the group that he will present his "Need for Emergency Response Planning" during the conference in Minot. It was also decided that more discussion on website development would take place at the conference. ND WARN will present materials at the AWWA and NDWEA booths at the Tabletop Display Program.

6. Wrap-up:

- Skip Rapp suggested that the January ND WARN meeting should coincide with the NDWPCC planning meeting. That meeting will be held in Mandan at the Seven Seas Inn in late January or early February of 2010. The ND WARN meeting will be scheduled for the afternoon, and the date will be set in Minot at the NDWPCC.
- It was suggested that all ND WARN members bring resource typing lists with them to the January meeting.
- A 2010 meeting schedule will be developed and regional response teams will be created.
- Consideration will be given to funding an AWWA Speciality Conference in the spring of 2011 with the topic being ND WARN and Emergency Response.

- Eric Volk will be at the League of Cities conference in Minot next week and will have ND WARN brochures available at the North Dakota Rural Water booth.
- Ken Norton requested copies of previous statewide meeting's presentations and minutes.

The next meeting will be held in Bismarck on January 26, 2010 at the Seven Seas in Mandan, North Dakota.

Respectfully submitted,
Greg Wavra
Assistant Secretary

Making a Difference: Water for People Fund-raising Summary

Fund-raising efforts of the Water for People Committee is an annual activity at the North Dakota Water and Pollution Control Conference. Through sponsorship of the golf outing, raffle tickets and the sale of mulligans, funds are raised to assist underdeveloped nations in providing clean water, water quality education and training, and proper sanitation for its citizens.

Raffle ticket sales during the conference raised $1,500.00, the sale of mulligans added $105.00, and an additional $100.00 was raised by direct donations. Sponsorship of the Water for People Golf Tournament contributed $2,300.00. With the total donations of $4,005.00 raised at the conference and the $1000.00 contribution made by the North Dakota Section, the North Dakota Water for People Chapter again achieved the "Country Sponsor" level. The Water for People donations at the 2009 NDWPCC will have twice the impact through the matching donation of Rosenthal Million Dollar Challenge. Thank you to all who participated in this effort, you made a difference! North Dakota's AWWA Water for People committee members are Larry Thelen, David Bruschwein, Mel Bullinger, Hazel Sletten and Charles Vein.

Something New in the Lead and Copper Rule

Consumer Notice of Lead Results
Katie Luther, North Dakota Department of Health

Systems that must sample for lead and copper now have a new task to complete when they receive their results.

Consumer notice of lead tap water monitoring results was added to the lead and copper rule by the short-term revisions to the rule published in 2007. While this is a fairly simple process, it has caused some systems to receive violations recently.

When systems receive their lead and copper results, there will now be two additional sheets of paper included in the packet. One is the required language that must be given to the people who took the samples, and the other is a "Proof of Consumer Notice" form.

Systems must notify the people who took samples of lead results within 30 days of when the system receives them and certify to the North Dakota Department of Health that this was done.

- Systems must give each sampler a copy of their lead results and a copy of the "Consumer Notice of Lead Tap Water Monitoring Results," (updated with system-specific details) which includes the required language.
- The "Proof of Consumer Notice" form and one copy of the consumer notice that was distributed need to be returned to the department by the date listed on the form.

For more information related to this new part of the rule, please call Katie Luther at (701)328-5258.

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Developing a Site Plan for Stage 2 Disinfectants and Disinfection By-products Rule

Lydia Fewless, North Dakota Department of Health

Community water systems (CWS) and nontransient noncommunity water systems (NTNCWS) that deliver or receive water treated with a disinfectant, other than ultraviolet light, must comply with the Stage 2 Disinfectants and Disinfection By-products Rule (DBPR). Prior to taking the first Stage 2 disinfection by-product (DBP) compliance sample, these systems must prepare a Stage 2 DBPR site plan. This plan will serve as a specifically tailored road map as to how a system intends to comply with the Stage 2 DBPR.

Currently, Schedule 4 systems (systems serving <10,000 in population) are working on this requirement. The Initial Distribution System Evaluation (IDSE) Report or Compliance Monitoring Plan for these systems must be submitted to the state by July 1, 2010.

Systems that conducted Standard Monitoring (SM) or a System Specific Study (SSS) are required to complete and submit an IDSE Report.

The required elements of the IDSE Report are:

- Total trihalomethanes (TTHM) and haloacetic acids (HAA5) results from Stage 1 DBPR and IDSE standard monitoring provided in a tabular or spreadsheet format.
- Data must be sorted from highest to lowest concentrations.
- Explanation of any deviations from the approved standard monitoring plan.
- Recommendations and justification for Stage 2 DBPR monitoring locations and sampling dates.

Systems that qualified for a 40/30 Certification or systems that received a Very Small System (VSS) Waiver or NTNCWSs serving < 10,000 in population will prepare and submit a Compliance Monitoring Plan that includes:

- When and where you intend to monitor TTHM and HAA5 for Stage 2 DBPR compliance.
- Justification for selected Stage 2 DBPR sampling sites.
- What compliance calculation procedures you intend to use.
- A distribution system map showing:
  - Sources
  - Entry points
  - Storage tanks/reservoirs
  - Booster chlorination stations
  - Diameter of water main pipes
  - Location of flushing hydrants
  - Stage 1 DBPR sampling location
  - Total Coliform Rule (TCR) sites

In choosing sites, systems should also consider geographic distribution of sampling sites, site accessibility, residence time and water age, and disinfectant residuals within the distribution system. A system should choose its high TTHM and HAA5 site(s) to represent areas in the distribution system where higher levels of TTHM and HAA5 are expected throughout the year as compared to other sites. Higher temperatures and increased residence time typically lead to higher TTHM and HAA5 concentrations. Low disinfectant residual usually indicates longer residence time sites.

Systems may make changes to their site plan to reflect changes in treatment, distribution system operations and layout, or other factors that could affect TTHM and HAA5 formation. All systems must submit a copy of their compliance site plan to the state and keep a copy on file for state and public review.

Help sessions will be available to systems planning to attend the North Dakota Department of Health's 50th Annual Professional Water and Wastewater Operator Training Program at the Environmental Training Center in March and April 2010. Staff from the Drinking Water Program will be available to instruct and assist systems through this process. In order to expedite and complete the process operators should bring their systems' map.

For additional information or to schedule an appointment, contact Lydia Fewless, North Dakota Department of Health, Division of Municipal Facilities at (701) 328-5221.

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North Dakota Chapter APWA Announces 2009 Project of the Year Winners

Project of the Year awards were presented at the 2009 North Dakota Water and Pollution Control Conference in Minot by the North Dakota Chapter of the American Public Works Association (APWA). The awards are presented in two categories: large community (serving populations greater than 5000) and small community (serving populations less than 5000). Eligible public works projects are defined as the physical structures and facilities that are developed, owned and maintained by public agencies to provide water, power, waste disposal, transportation and similar public services. Project selection criteria included construction techniques, safety issues, community relations, environmental protection, unique accomplishments, public benefit and other similar criteria.

Large Community Winner - South Central Regional Water District's North Burleigh Water Treatment Facility; Engineer: Bartlett & West, Inc.

Doug Neibauer, Manager; Jan Hoge, Joe LaFave, board members; and Larry Kassian, Bartlett and West, Inc.

The South Central Regional Water District's North Burleigh Water Treatment Facility incorporates angle wells under the east bank of the Missouri River; ozone for oxidation of iron and manganese; microfiltration (MF) membranes for removal of pathogens and the oxidized iron and manganese; nanofiltration (NF) for softening; and ozone for disinfection. This unique combination represents several firsts for regional water systems in the region.

The angle wells take advantage of river bank filtration to remove suspended solids and harmful waterborne pathogens. From the angle wells, water is fed into the oxidation basin where ozone gas is injected. The ozone oxidizes the iron and manganese forming particles which are then removed by the MF membranes. Water passing through the MF membranes enters a supply tank for the NF membrane feed and bypass pumps. The concentrated minerals produced by the NF process are contained in a waste stream which is then discharged back to the Missouri River.

The blended NF and bypass water enter a disinfection contactor where they mix and ozone is again applied to provide inactivation of any viruses which may have passed through the membranes. After sufficient time in contact with the ozone disinfectant, the water flows to the plant clear well. This combination of treatment provides a very high quality potable water for the residents of the system.

Small Community Winner - Cass Rural Water Users District – Effluent ReUse Facility; Engineer: Moore Engineering, Inc.

Brad Storrusten, Moore Engineering.

In July 2007, a three-party MOU agreement was executed for developing, operating and maintaining a supply of water for use by a new ethanol plant. The new ethanol plant, located 26 miles west of the city of Fargo, N.D., required a clean source of readily available water. With the rural water system unable to provide the quantity required and cost of the city's drinking water being prohibitive, the project involved the construction of the Effluent ReUse Facility utilizing secondary effluent to meet specified quality and quantity requirements.

The city of Fargo operates a trickling filter Wastewater Treatment Plant (WWTP) with a sustained secondary effluent discharge of 11 million gallons per day (mgd). A portion of this discharge is diverted to the Effluent ReUse Facility where it is treated to meet the quantity requirements, estimated to be 1.4 mgd.

From design starting in July of 2007 through the end of construction, Moore Engineering, Inc. met all expectations and successfully met the owners "fast track" for the

project which began pumping to the ethanol plant in October 2008.

This new treatment facility utilized the latest in advanced water treatment technology equipment. Three ultra/micro filtration membrane units, four reverse osmosis (RO) membrane units, seven chemical feed systems, two clean-in-place systems, numerous pumping systems and advanced automation systems all were utilized in this facility.

These innovative methods to recycle and treat Fargo's wastewater ensure an uninterrupted, highly cost-effective, quality supply of water. With its emphasis on reuse and recycling of a water resource, this "green" project presents a viable and forward-thinking model for future evaluation and proper use of water resources.

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APWA
2010 Project of the Year Nominations

The North Dakota Chapter of the American Public Works Association (APWA) is soliciting nominations for the **"2010 Project of the Year" Awards**.

Any public works project defined as the physical structures and facilities that are developed, owned and maintained by public agencies to provide water, power, waste disposal, transportation and similar public services in accordance with established public policy is eligible.

Criteria to be used in the selection process include demonstrating good construction techniques, safety, community relations, protecting the environment, unusual accomplishments and additional conditions deemed important to the public works agency.

Award recipients and their engineer will receive an APWA "Project of the Year" recognition plaque presented at the ND Chapter APWA noon luncheon of the North Dakota Water and Pollution Control Conference to be held in Fargo on October 14, 2010. Each project is eligible for nomination for the National APWA "Public Works - Project of the Year" competition. An award will be presented to projects serving communities of less than 5,000 and to communities serving more than 5,000 people. Nominations are due by May 17, 2010.

Submissions for consideration or questions concerning nominations should be addressed to:

Rusten Roteliuk
City of Minot
515 2nd Avenue SW
Minot, ND 58701
701.857.4100
rusten.roteliuk@minotnd.org

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APWA ND Chapter Annual Membership Meeting

October 20, 2009

I. CALL TO ORDER:
President Rusten Roteliuk called the meeting to order.

II. MINUTES:
MOTION BY: Hazel Sletten
SECONDED BY: Dan Jonasson
To approve the minutes dated May 20, 2009 as presented.
DISPOSITION: Motion carried unanimously.

III. TREASURER'S REPORT:
The chapter's finances were presented by Shawn Soehren

IV. OLD BUSINESS:
The membership was asked to submit projects for the Project of the Year Awards.
This year's winners are:

1. Cass Rural Water Users District - Effluent Reuse Facility, Fargo, ND
2. South Central Regional Water District - North Burleigh Water Treatment Plant

V. NEW BUSINESS:
APWA Awards Program -
If you have successfully worked on a public works project or know of colleagues that have made outstanding contributions to APWA or in the public works field, I encourage you to submit an entry for the "APWA 2010 Project of the Year Award". Contact a member of the executive committee for nomination information. Criteria will be published in the *Official Bulletin*.

Nomination of Officers for 2010:

President	Darin Schaeffer
Vice President	Shawn Soehren
Secretary/Treasurer	Dan Jonasson
Executive Secretary	Chuck Abel
Delegate	Interim – Rusten Roteliuk
Past President	Rusten Roteliuk
Director	Chad Zander
Director	Rick Gillund
Director	Roger Grimsley
Director	Lance Meyer

MOTION BY: Rick Gillund
SECONDED BY: Darin Schaeffer
To accept the nomination of officers for 2010
DISPOSITION: Motion carried unanimously.

Darin Schaeffer was introduced by Rusten Roteliuk as the new president.

Presentation of President's Service Awards:
Darin Schaeffer presented Rusten Roteliuk with the President's Service Award.

ADJOURNMENT:
MOTION BY: Rusten Roteliuk
SECONDED BY: Dan Jonasson
To adjourn the meeting.
DISPOSITION: Motion carried unanimously.

Submitted by:
Shawn Soehren
Secretary/Treasurer

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APWA ND Chapter Executive Committee Meeting

October 20, 2009

I. CALL TO ORDER:
President Rusten Roteliuk called the meeting to order.

II. ROLL CALL
Present were: Rusten Roteliuk , Chuck Abel, Darin Schaffer, Shawn Soehren, Chad Zander, Rick Gillund and Dan Jonasson
Absent were: Kevin Bucholz and Roger Grimsley

III. MINUTES:
MOTION BY: Dan Jonasson
SECONDED BY: Rick Gillund
To approve the minutes dated May 20, 2009 as presented.
DISPOSITION: Motion carried unanimously.

IV. TREASURER'S REPORT:
MOTION BY: Darin Schaffer
SECONDED BY: Dan Jonasson
To accept the treasurer's report as presented.
DISPOSITION: Motion carried unanimously.

V. DELEGATE REPORT:
It was discussed that we need to look for a new delegate. Chuck suggested that we bring it up at the membership meeting. It was suggested that we have a delegate by committee. Chuck suggested that the past presidents be contacted to see if they would be interested.

VI. COMMITTEE REPORT:

APWA Awards Program -
Rusten will talk to all the engineering firms about new projects. He will send a letter to all of them letting them know that projects need to be submitted by May.

Budget Committee -
MOTION BY: Rick Gillund
SECONDED BY: Chad Zander
To accept the budget committee report as presented.
DISPOSITION: Motion carried unanimously.

VII. OLD BUSINESS:

VIII. NEW BUSINESS:
2010 executive committee nominations – Rusten Roteliuk

Nomination of Officers for 2010:

President	Darin Schaeffer
Vice President	Shawn Soehren
Secretary/Treasurer	Dan Jonasson
Executive Secretary	Chuck Abel
Delegate	Interim – Rusten Roteliuk
Past President	Rusten Roteliuk
Director	Chad Zander
Director	Rick Gillund
Director	Roger Grimsley
Director	Lance Meyer

MOTION BY: Chuck Abel
SECONDED BY: Shawn Soehren
To accept the nomination of officers for 2010
DISPOSITION: Motion carried unanimously.

ADJOURNMENT:
MOTION BY: Dan Jonasson
SECONDED BY: Chad Zander
To adjourn the meeting.
DISPOSITION: Motion carried unanimously.

Submitted by:
Shawn Soehren
Secretary/Treasurer

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Engineering America
647 Hale Ave N
Oakdale, MN 55128
651-777-4041

Hawkins, Inc.
2001 Great Northern Dr
Fargo, ND 58102
701-293-9618

Houston Engineering, Inc.
3712 Lockport St
Bismarck, ND 58503
701-323-0200

Hughes Lift Station
Service Inc.
1809 55th Ave N
Moorhead, MN 56560
218-287-1579

Kadrmas, Lee & Jackson, Inc.
128 Soo Line Dr
Bismarck, ND 58501
701-355-8400

Killoran Trucking & Brokerage, Inc.
PO Box 145
Buffalo, ND 58011
701-633-5133

KLM Engineering, Inc.
3394 Lake Elmo Ave N
PO Box 897
Lake Elmo, MN 55042
651-773-5111

Mishler Sales, Inc.
222 N Frontage Rd
Park City, MT 59063
406-633-2316

Moore Engineering, Inc.
925 10th Ave E
West Fargo, ND 58078
701-282-4692

ND Sewage Pump & Lift
Station Service Co., Inc.
1740 Main Ave E #3
West Fargo, ND 58078
701-282-6760

Northern Dewatering, Inc.
14405 Northdale Blvd
Rogers, MN 55374
763-428-2616

Northern Water Works Supply
1917 1st Ave N
Fargo, ND 58102
701-293-5511

Parsons Engineered Products, Inc.
3601 Park Center Blvd
St Louis Park, MN 55416
952-926-7000

Short-Elliott-Hendrickson
3535 Vadnais Center Dr
St Paul MN 55110
651-490-2000

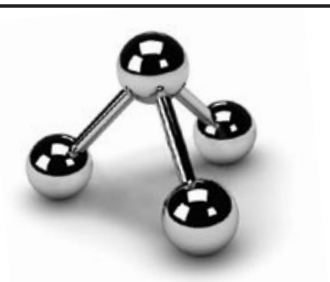
SolarBee, Inc.
1435 13th St W
Dickinson, ND 58601
701-483-9234

Team Lab Chemical Corp.
Box 1467
Detroit Lakes, MN 56501
218-846-9490

Ulteig Engineers
3350 38th Ave S
Fargo, ND 58104
701-280-8603

Widseth Smith Nolting & Associates, Inc.
2715 S Washington St
Grand Forks, ND 58208
701-795-1975

Wold Engineering, P.C.
915 E 11th St
PO Box 237
Bottineau, ND 58318
701-228-2292



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2009 Desk Reference Guide to Exhibitors in the Tabletop Display Program

October 21, 2009, 7:30 a.m. to 11:30 a.m.

North Dakota Section of the
American Water Works Association
Water Taste Test Contest

North Dakota Section of the
American Water Works Association
Water for People

North Dakota Water Environment
Association

North Dakota Chapter of the
American Public Works Association

Table #1
Widseth Smith Nolting
2715 S Washington St
Grand Forks, ND 58206
701-795-1975

Table #2
Treatment Resources, Inc.
794 Springhill Ct
Woodbury, MN 55125
651-702-2692

Table #3
Visu-Sewer, Inc.
7905 Beech St NE
Fridley, MN 55432
763-252-0004

Table #4
Vessco, Inc.
8217 Upland Circle
Chanhassen, MN 55317

Table #5
Engineering America, Inc
647 Hale Ave N
Oakdale, MN 55128
651-777-4041

Table #6
Flexible Pipe Tool Co
30577 Pearl Dr
St. Joseph, MN 56374
320-363-7552

Table #7
Short-Elliott-Hendrickson, Inc. (SEH)
3535 Vadnais Center Dr
St. Paul, MN 55110
651-490-2000

Table #8
Tonka Equipment Company
13305 Watertower Circle
Plymouth, MN 55441
763-559-2837

Table #9
Schwab Vollhaber Lubratt
4600 Churchill St
Shoreview, MN 55126
651-415-2548

Table #10
KLM Engineering, Inc.
PO Box 897
Lake Elmo, MN 55042
651-773-5111

Table #11
Larson Data Communications
305 N Lawler St
Mitchell, SD 57301
605-996-5521

Table #12
Hawkins, Inc.
3100 E Hennepin Ave
Minneapolis, MN 55413
612-617-8621

Table #13
Moore Engineering, Inc.
925 10th Ave E
West Fargo, ND 58078
701-282-4692

Table #14
ABM Equipment & Supply
333 2nd St NE
Hopkins, MN 55343
800-229-5451

Table #15
SolarBee, Inc.
1435 13th St W
Dickinson, ND 58601
701-483-6800

Table #16
Bartlett & West, Inc.
3456 E Century Ave
Bismarck, ND 58503
701-258-1110

Tables #17&18
Dakota Pump & Control
709 Quadee Dr SW
Watertown, SD 57201
605-886-4672

Table #19
Fargo Water Equipment
4557 15th Ave N
Fargo, ND 58102
701-226-2642

Table #20
Houston Engineering, Inc.
1401 21st Ave N
Fargo, ND 58102
701-323-0200

Table #21
ND Sewage Pump Co.
1740 E Main Ave #3
W. Fargo, ND 58078
701-282-6760

Table #22
North Star Cover-All
19500 County Rd 142
South Haven, MN 55382
877-259-1528

Table #23
Parsons Engineered Products, Inc.
3601 Park Center Blvd
St. Louis Park, MN 55416
952-926-7000

(Continued on page 22)

(Continued from page 21)

Table #24
Kadrmas, Lee & Jackson, Inc.
128 Soo Line Dr
Bismarck, ND 58503
701-355-8446

Table #25
Advanced Drainage Systems
6582 Co Rd 4W SW
Alexandra, MN 56308
320-219-8138

Table #26
Stephen C. Roberts Co.
GE Water and Process Technology
17395 Ada Ct
Eden Prairie, MN 55347
952-949-2655

Table #27
Mishler Sales, Inc.
222 N Frontage Rd
Park City, MT. 59063
406-633-2316

Table #28
Interstate Engineering, Inc.
PO Box 2035
Jamestown, ND 58401
701-252-

Table # 29
Team Lab Chemical Corp.
Box 1467
Detroit Lakes, MN 56501
218-846-9490
0234

Table #30
Tech Sales Co.
311 44th St W
Minneapolis, MN 55409
612-823-8238

Tables #31&32
Ulteig Engineers
3350 38th Ave S
Fargo, ND 58104
701-280-8500

Table #33
General Repair Service
923 12th St S
Moorhead, MN 56560
701-219-3976

Table #34
Hach Company
4119 Hall St
Rapid City, SD 57702
605-593-1241

Table #35
Northern Water Works Supply
1917 1st Ave N
Fargo, ND 58102
701-293-5511

Table #36
Quality Control & Integration, Inc.
800 6th St NW
New Prague, MN 56071
952-758-9445

Table #37
Quality Flow Systems, Inc.
800 6th St NW
New Prague, MN 56071
952-758-9445

Table #38
Bureau of Reclamation
304 E Broadway Ave
Bismarck, ND 58501
701-250-4242

Table #39
ND Rural Water System Association
2718 Gateway Ave #201
Bismarck, ND 58503
701-258-9249

Table #40
Electric Pump, Inc.
200 W 88th St Ste 1
Bloomington, MN 55420
952-884-5394

Table #41
Wells Concrete
5000 Demers Ave
Grand Forks, ND 58201
701-772-6687

Table #42
Power Process Equipment, Inc.
3600 42nd St NW
Mandan, ND 58554
701-667-0804
952-975-1000

Tables #43&44
AE2S
2016 Washington St S
Grand Forks, ND 58201
701-746-8087

Table #45
American Flow Control
21695 Highview Ave
Lakeville, MN 55044
952-469-1100

Table #46
MVTL Laboratories
1411 S 12th St
Bismarck, ND 58504
701-258-9720

Table #47
Construction Specialties
7100 Utica Ln
Chanhassen MN 55317
612-860-0803

Table #48
Cretex
925 Basin Ave
Bismarck, ND 58504
701-220-5192

Table #49
Northern Dewatering, Inc.
14405 Northdale Blvd
Rogers, MN 55374
763-428-2616

Pandemic Influenza and Your Workforce: Are You Ready?

Last spring "Mother Nature" issued a warning about the possibility of a virulent pandemic, with the H1N1 flu spreading rapidly across the globe. Fortunately, in North Dakota the flu in 2009 was relatively mild. However, it may not be so mild during the next wave. A pandemic is a disease outbreak that occurs when a new virus emerges for which there is little or no immunity and will inevitably be spread globally in waves. Experts estimate that about 40 percent of workers will be absent during a virulent pandemic because they are sick, caring for sick family members or are afraid of exposure.

You've planned for emergencies such as severe weather events, malevolent acts and accidental system breakdowns at your plant, but does pandemic absenteeism look like anything you have already planned for? Probably not.

For one thing, if you're suffering from 40 percent absenteeism, it's likely everyone else is too, so help from mutual aid agreements and WARNs and other outside parties will be hard or impossible to get. Utilities will need to rely on their own internal resources. If 40 percent of your workforce is unavailable on a given day, and you're on your own, do you know how you will operate the water or wastewater treatment plant or perform needed maintenance to continue services to your community?

For pandemic planning, organizations have to keep in mind that the 40 percent absenteeism will be random. That means a utility could end up with all administrative staff at work and all engineers absent. There is a quick and simple way to see what random 40 percent absenteeism could look like at your facility. Write the names of all of your employees on slips of paper and place them in a hat. Don't exclude anyone. Pull out 40 percent of those names. Those are the employees who will be absent from work. Pull the remaining names out of the hat. Those are the employees left to operate and maintain the plant. Think about how you will operate the plant with those remaining employees. Perform the exercise again and think about how you will run the plant with that different set of employees. Perform this exercise again. And again. The randomness of picking names out of the hat in this exercise represents the absences you might face.

Seeing what a random 40 percent absenteeism looks like can help shape a utility's pandemic planning. Essential functions, services and processes need to be identified. If needed, employees should be cross trained to maintain those functions, services and processes so that the remaining 60 percent of employees who are on duty will be able to maintain basic operations. It may be advisable to post placards on critical equipment or before essential processes, with standard operating procedures or directions in simple language for the non-expert to follow to keep critical equipment and process operating. Other planning actions include assessing supply chains and coordinating with vendors, developing a communications plan and working with community pandemic planners. All of these pandemic planning actions should then be integrated into existing business continuity and emergency response plans.

When a severe pandemic strikes, it will be too late to do planning and training. Now is the time to get prepared.

Several government websites are good sources of information and guidance:

- www.pandemicflu.gov: This site is managed by the Department of Health and Human Services and provides one-stop access to U.S. government pandemic, H1N1 and avian (H5N1) influenza information.
- http://www.michigan.gov/documents/deq/deq-wb-wws-pandemicguideline_246155_7.pdf This is the Department of Homeland Security document, *Pandemic Influenza Preparedness, Response and Recovery Guide for Critical Infrastructure and Key Resources: Annex for the Water and Wastewater Sector Pandemic Guideline*; a pandemic guideline written specifically for the water and wastewater sectors.
- http://www.pandemicflu.gov/vaccine/allocationguidance.pdf This is the Department of Health and Human Services and Department of Homeland Security document, *Guidance on Allocating and Targeting Pandemic Influenza Vaccine* which provides strong advice to states and communities on the tier levels of vaccinating their population in response to a pandemic.

For assistance with pandemic planning, contact Jodie Opie, USEPA Region 5, at 312-353-1938.

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Minutes of the NDWEA 50th Annual Meeting

October 21, 2009

The North Dakota Water Environment Association (NDWEA) held its annual business meeting on Wednesday, October 21, 2009 at the International Inn in Minot, North Dakota. Eric Dodds called the meeting to order; 194 people were present at the 11:45 a.m. business luncheon.

The minutes for last year's meeting were published in the *Official Bulletin*. President Dodds asked if there were any objections to dispensing with the reading of the minutes. There were no objections, and Mark Blonigen made a motion to dispense with the reading of the minutes. Miranda Kleven seconded, and the motion passed. Seth Lynne moved that the minutes be approved as published. Miranda Kleven seconded the motion. There was no further discussion, and the motion passed.

Bill Gefroh was called upon by President Dodds to present the Secretary-Treasurer's report. As of September 30, 2009, the association has a general fund balance of $5,262.33, a decrease of $2,472.52 from last year. The majority of the NDWEA budget expenditures are aimed at providing water/wastewater educational support and related activities in North Dakota.

In 2009, NDWEA contributed monetary support to:

1. The North Dakota State Science Fair. Two checks for $75 were provided, one for each the junior and senior divisions for outstanding water quality projects.
2. The cost of the airline tickets ($1000), for a student and teacher to participate at the national Stockholm Junior Water Prize (SJWP) in Alaska. The Water Environment Federation (WEF) covered the remainder ($567.40).
3. The student chapter at North Dakota State University for its activities fund ($500). NDWEA transferred its 2008 WEF student chapter winnings of $2,000 back to the chapter to help with expenses associated with its participation in the student design competition at the 2009 WEF Technical Exhibition and Conference in Orlando, Florida.
4. The Gateway to Science Center in Bismarck, $500.
5. The River Keeper in Fargo, $500.
6. The Water Environment Research Foundation, $100.
7. Drinking water week ad, $499.94.

Awards that were sponsored by or through the NDWEA in 2009 include two high school awards (one each for the junior and senior divisions for outstanding water quality projects at the North Dakota State Science and Engineering Fair), the WEF Bedell Award, the NDWEA President Service Award, one Quarter Century and two WEF Life Membership Awards.

The NDWEA membership is at 154, compared to 139 at this time last year. Charlie Vein made a motion to approve the Secretary–Treasurer's report. Phil Parsons seconded, and the motion passed.

President Dodds introduced the guest speaker, Ms. Betty Jordan, P.E. She is a member of the 2009-2010 Board of Trustees for the Water Environment Federation and is the current manager of technology with Alan Plummer Associates, Inc., located in Fort Worth, Texas. Ms. Brown has been with the company for 28 years and is a principal and member of their Board of Trustees.

The very entertaining Ms. Betty Jordan gave those attending the luncheon much laughter and a warm greeting from the Texas WEF member association. Ms. Jordan talked about her passion and support for Water For People and that it is the charity of choice for WEF and the American Water Works Association, and she encouraged all of us at the luncheon to do the same. She spoke about Effective Utility Management and the Ten Attributes of Effectively Managed Utilities and Five Keys to Management Success to foster utility success. For more information on this subject view the online link: www.watereum.org. Ms. Jordan spoke of an AMA British Medical Association report that indicated the single biggest quality of life improvement in the last century is due to drinking water treatment and sanitation, where the average life expectancy has increased from 45 in 1900 to 78 in 2000. She is excited to see WEF update its website, which will include publication proceedings and papers from state conferences. She talked about how NDWEA spends 20 percent of its budget to sponsor a local student to attend the national SJWP and about the wonderful "Nerd Pool" that North Dakota has, our excellent student membership that is the envy of other WEF member associations, and that we are not that young and we need to replace ourselves. She indicated what a great time she had visiting the many wonderful colleagues in chilly North Dakota and she applauded our passion for and success in involving the young professionals and students in our industry and our very generous support of our SJWP candidates. She said to "be careful, the rest of us may have to start fishing in your 'Nerd Pool' since you seem to know how to keep it stocked." Except for our weird accents and cold weather… we could have been in Texas! Ms. Jordan said she will always remember what a great, friendly, welcoming, and passionately professional group we are! And she hopes to see us again in the future.

President Dodds called upon Tom Welle, nominating committee chair, to give the NDWEA nominations. The Nominating Committee members were Tom Welle, Gary Bracht and Seth Lynne. Mr. Welle reported that the Nominating Committee had one nomination for the incoming NDWEA vice president officer position, Don Tucker with the city of Grand Forks. President Dodds asked if there were any further nominations from the floor. No nominations were offered. Mr. Welle nominated the following slate of officers for 2009:
President: Skip Rapp
President-Elect: Karla Olson
Vice President: Don Tucker
Secretary-Treasurer: Bill Gefroh
Director: Tom Welle, third year of 3-year term
Professional Wastewater Operations: Terry Rust, third year of 3-year term
Past President: Eric Dodds

Seth Lynne moved that the nominations be closed and a unanimous ballot be cast for the nominated slate of announced officers. Karla Olson seconded, and the motion passed.

At this time, President Skip Rapp became the chief officer of NDWEA. His first duty as president was to present Eric Dodds with the President's Service Award. With no further business, President Skip Rapp asked for a motion to adjourn. Keith Demke made a motion to adjourn. Mel Bullinger seconded, and President Dodds adjourned the meeting.

Respectfully submitted,
Bill Gefroh
Secretary-Treasurer

Gefroh receives the Arthur Sidney Bedell Award

The Bedell Award was established to acknowledge extraordinary personal service to a Water Education Foundation (WEF) Member Association. Bill Gefroh is the lab manager/industrial pretreatment manager for the city of Bismarck.

The award is named for Arthur Sidney Bedell, WEF's second president for his long devotion and service to the New York Sewage and Industrial Wastes Association, now the New York Water Environment Association. He was Chief of the Bureau of Sewage and Waste Disposal of the New York State Department of Health.

Betty Jordan, WEF, presenting Bill Gefroh the Arthur Sidney Bedell award.

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Zander Receives Operator Meritorious Service Award

Gary Zander, Superintendent for the Mandan Water Treatment Facility, was presented with the Operator Meritorious Service Award from the American Water Works Association. The award is presented to recognize special performance by operators for compliance with public health standards, plant maintenance, development of new ideas, training, outstanding achievement beyond normal operating responsibilities, and consistent operation of distribution lines, pumps stations and reservoirs. Mr. Zander has worked for the city of Mandan for more than 40 years.

Gary Zander (left), Mandan, receives his award from Jeff Zdrojewski, AWWA.

Valley City Wins Drinking Water Taste Test

In conjunction with the 81st Annual Water and Pollution Control Conference, the American Water Works Association sponsored its annual drinking water taste test in which North Dakota cities may enter samples of their drinking water to be judged in a blind taste test by conference attendees. The winner of this year's taste test was the city of Valley City.

Wade Hesch, Valley City (center), receives Best Tasting Water award from Jeff Zdrojewski, AWWA (right) and Meredith Quinn, AE2S (left)

Parsons Receives WEF Awards

The Quarter Century Operator Club recognizes operators of wastewater treatment facilities for their service and dedication in a difficult and dangerous profession.
The Club was created under the sponsorship of Frank Woodbury Jones, who served as the Clubs' first registrar. Phil Parsons is the president of Parsons Engineered Products, Inc., located in St. Louis Park, Minnesota.

Betty Jordan, WEF, presenting Phil Parsons WEF Quarter Century Operators Club and Life Membership awards

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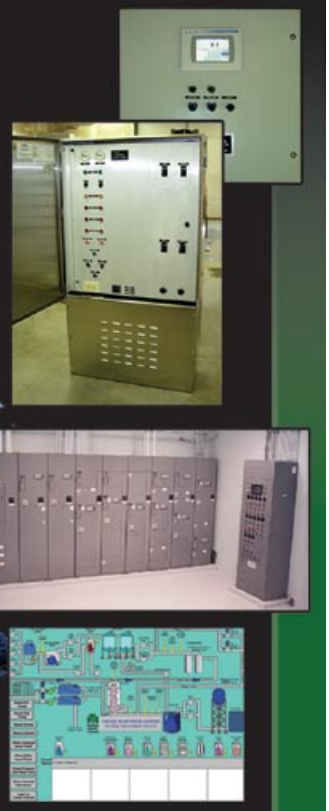

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Operators Receive Awards

The North Dakota Department of Health, in an effort to encourage proper operation and maintenance of water and wastewater systems, instituted an annual operator awards program in 1981 at the Annual North Dakota Water and Pollution Control Conference in Jamestown. This year marks the 29th year of the awards program which has honored 164 operators and three military units (the U.S. Army Reserve, the ND Army National Guard, and the ND Air National Guard) for outstanding service.

The awards are based on:

1. Field and inspection reports.
2. Compliance with state regulations.
3. Participation in the North Dakota Operator Training and Certification Program.
4. Participation in the North Dakota Water and Pollution Control Conference, North Dakota Chapter of the American Public Works Association, North Dakota Water Environmental Association and the North Dakota Section of the American Water Works Association.

Recipients of the 2009 Operator of the Year Awards are:

Dennis Larson – City of Park River
Dennis is the Public Works Director for the city of Park River and has been with the city 25 years. He is a certified Grade III Water Treatment Operator, Grade II Water Distribution Operator, Grade II Wastewater Treatment Operator and Grade II Wastewater Collection Operator. Dennis is also a NDAWWA trustee and an active member of the NDWPCC.

Ken Miskavige – City of Grafton
Ken is the Water Department Superintendent for the city of Grafton and is in his 33rd year of service. He is a

Mike Brisben (NDDH, left) presenting award to Dennis Larson, city of Park River.

Mike Brisben (NDDH, left) presenting award to Gary Neuberger, city of Beulah.

Mike Brisben (NDDH, left) presenting award to Ken Miskavige, city of Grafton.

Mike Brisben (NDDH, left) presenting award to Jason Sorenson, city of Minot.

certified Grade IV Water Treatment Operator and Grade II Water Distribution Operator. Ken is a member of the NDWPCC and the NDAWWA.

Gary Neuberger – City of Beulah
Gary is the Water and Wastewater Foreman for the city of Beulah and has been with the city 23 years. He is a certified Grade III Water Treatment Operator, Grade II Water Distribution Operator, Grade II Wastewater Treatment Operator, and Grade II Wastewater Collection Operator. Gary is a member of the NDAWWA, ND Rural Water Systems Association and the NDWPCC.

Jason Sorenson – City of Minot
Jason is the Water Treatment Plant Superintendent for the city of Minot and has been in his current position since 2005. He is a certified Grade IV Water Treatment Operator, a member of the ND Operator Certification Advisory Committee, the NDAWWA, the NDCAPWA and the NDWPCC.

50-Year Fluoridation Awards

Four 50-Year Fluoridation Awards were presented at the North Dakota Water and Pollution Control conference in October, 2009. Joe Ferguson accepted on behalf of Grand Forks, Greg Boucher - Rugby and Wade Hesch - Valley City. A representative from Cooperstown was unable to attend. These communities are committed to public health and the prevention of dental caries and dental disease.

Greg Boucher (Rugby), Joe Ferguson (Grand Forks) and Wade Hesch (Valley City) accepted 50-year Fluoridation Awards for their community water systems.

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TENTATIVE SURFACE WATER TREATMENT WORKSHOP AGENDA

TUESDAY, APRIL 27

10:00 am - 12:00 pm	Facility Tour at Moorhead Treatment Plant (Pre-Registration Required)
10:00 am - 12:00 pm	Fundamentals of Surface Water Treatment - Dr. Delvin DeBoer, SD State University
12:00 pm	Registration (No Lunch Provided)
1:00 pm	Workshop Kickoff - Welcome
1:15 pm	Introduction - Steve Burian, NDAWWA
1:45 pm	Green Consideration - J. Drake Hamilton, Fresh-Energy
3:15 pm	Break
3:30 pm	Wastewater Reuse - Bruce Grubb, City of Fargo
5:00 pm	Adjourn
5:30 pm	Poster Session (with hors d'oeuvres)

WEDNESDAY, APRIL 28

	SUPPLY/SOURCE WATER TRACK	TREATMENT TRACK
7:00 am	Breakfast - Provided	Breakfast - Provided
8:00 am	Crypto Around the Country - Bob Clement, US EPA	UV Design Standards - Jeff Neeman, Black & Veatch
8:45 am	MN, ND, SD Crypto Data Study - Lisa Vollbrecht, City of St. Cloud; Lih-in Rezania, MDH	Ion Exchange Pretreatment - City of Watertown
9:30 am	Sedimentation Fingerprinting - Shawn Schottler, St. Criox Research Station	Ozone/Peroxone 101 - Perry Johnson, AE2S
10:15 am	Break - with Refreshments	Break - with Refreshments
10:30 am	Anthropogenic Compounds in Surface/Finished Water in Sioux Falls, SD - Galen Hoogestraat, USGS	Conversion of Gravity Filters and Treatment Technology Selection - Hazel Fetters-Sletten, City of Grand Forks
11:15 am	Drought Management - Tim Stefanich, City of Sioux Falls	Benefits and Drawbacks of High Rate Filtration: Bismarck, ND WTP Case Study - Brett Jochim, AE2S
12:00 pm	Lunch	Lunch

	DISTRIBUTION TRACK	TREATMENT TRACK
1:00 pm	Stage 2 Refresher - NDDH Representatives	Taste and Odors in the Upper Midwest - Bo Johnston, Black & Veatch
1:45 pm	Stage 2 Data Study - Lisa Vollbrecht, City of St. Cloud; David Rindal, MDH	Minneapolis Membrane Plant Case Study - Annika Bankston, MDH
2:30 pm	DBP Formation and Fate - Dr. Ray Hozalski, University of MN	City of Fairmont Taste and Odor Removal Pilot Study - David Brown, AE2S
3:15 pm	Break	Break
3:30 pm	Storage Tanks and Water Towers - Bob Clement, US EPA	Treatment Toolbox: Analysis of Bacteria - Dr. Tim LaPara
4:15 pm	Distribution System Modeling, Ulteig	Lewis & Clark Project Design Considerations - Banner
5:00 pm	Adjourn	Adjourn

THURSDAY, APRIL 29

7:00 am	Breakfast - Provided
8:30 am	Trends and Forecasting (Demographer)
10:15 am	Break
10:30 am	Living with a Changing Water Environment - Jerry Schooner, University of IA
11:00 am	Sustainability/TBD
12:00 pm	Adjourn
1:00 pm	Facility Tour - Fargo Water Treatment Plant (Pre-Registration Required)

2010 SURFACE WATER TREATMENT WORKSHOP

REGISTRATION FORM

Name: _____

Representing: _____

Address: _____

City, State, Zip Code: _____

_____

Telephone Number: _____

Email Address: _____

- ☐ Tuesday Morning Introductory Workshop - free with registration or $20 alone
- ☐ Full Workshop Tuesday Through Thursday - $195
- ☐ Full Workshop Registration After April 16, 2010 - $215
- ☐ Partial Workshop Registration (Wednesday and Thursday only) - $125
- ☐ Partial Workshop Registration After April 16, 2010 (Wednesday and Thursday only) - $145
- ☐ Student Registration without meals - Free
- ☐ Student Registration with meals - $15 per Day
  Specify Days: ☐ Tuesday ☐ Wednesday ☐ Thursday
- ☐ Tuesday Tour: Moorhead WTP (No Charge)
- ☐ Thursday Tour: Fargo WTP (No Charge)
- ☐ Interested in Displaying at Poster Session - Contact Aaron Vollmer or Dustin Dale at (218) 299-5610 or aaron.vollmer@ae2s.com; dustin.dale@ae2s.com

ACCOMMODATIONS:

Ramada Plaza Suites
1635 42nd Street S
Fargo, ND 58103
Reservations: (800) 272-6232
Telephone: (701) 272-9000
Room Rate: $85/night if reserved by April 9 (ask for AWWA room rate)

SEND COMPLETED REGISTRATION TO:

Jeanette Boothe
PO Box 64975
St. Paul, MN 55164-0975
651-201-4697
Jeanette.Boothe@state.mn.us

Past Recipients: Operator of the Year Awards

2008 Bill Gefroh, Bismarck
Steve Himmelspach, Mandan
Richard Jacobson, Hazen
Roy Hayes, Hazen

2007 Duane Golliet, Fargo
Raymond Peterson, Fargo
Terry Rust, West Fargo
Jerome Olson, Traill Rural Water District

2006 Kelly Berentson, Westhope
Jerry Imhoff, Elgin
Jay Haugen, Michigan

2005 Keith Olson, Harvey
Bob Weninger, Harvey
Ken Blilie, Kindred
Del Kindelspire, LaMoure

2004 Ron Hendrickson, Fargo
Pete Bilstad, Fargo
Delvin Stemen, Burlington
Mark Paddock, Burlington

2003 Rick Anderson, Central Plains Water District
Keith Fulsebakke, Bottineau
Don Horning, Zap

2002 Arlis Bischoff, Grafton
Allan Kraft, Cavalier
Doug Neibauer, South Central Regional Water District
Gary Zander, Mandan

2001 Verdeen Backstrom, Minnewaukan
Jerome Broz, Fairmount
Jack Knudson, Jamestown
Paul Lacina, Barnes Rural Water

2000 Tim Gjovig, Crosby
Jim Fixen, Alexander
Ed Rekkedal, Arvilla
Reuben Grosz, Bismarck

1999 Richard Wanner, Bismarck
Tom Sieg, Anamoose
Ron Kleven, Grafton
Bill Emerson, Minot

1998 Bill Link, Walsh Water Users
Ross Carter, Sherwood
Bob French, Bismarck
Terry Leingang, Riverdale

1997 Staff Members of The 348th Quartermaster Detachment (Water Purification) United States Army Reserve

Staff Members of The 136th Quartermaster Battalion North Dakota Army National Guard

Staff Members of The 119th Civil Engineering Squadron North Dakota Air National Guard

Operators of Grand Forks-Traill Water Users
Randy Loeslie
Mike Thompson
Neil Breidenbach
Ray Rakoczy

Operators of Agassiz Water Users
Gus Cronquist
Clark Cronquist

City of Grand Forks Water Treatment Plant Operators and Employees

Brian Borden	Jason Coyle
Andy Job	Greg Batzer
Steven Bolton	David Brose
James Evenson	John Ferguson
Larry Hadland	Erik Johnson, Jr.
Richard Jurgens	Rodney Kalis
Ken Mather	Robert Peterson
Wayne Tunseth	Dan Tupa
Craig Lacher	Steve Kolar
Linda Schumacher	Hazel Sletten

City of Grand Forks Water Distribution Operators

Ron Borden	Darrel Danielson
Robert Deitz	Perry Hart
Jackie Heidrich	Michael Klemisch
David Kratochvil	Dennis Kulas
Shirley Litchy	John Scheffer
Mark Skow	Peter Stoute
Randy Thompson	Dwight Wurzbacher
Donald Zhorela	

City of Grand Forks Wastewater Operators (Storm and Wastewater Departments)

Thomas Helle	Kenneth Stevenson
Peter Aamold	Dennis Dunn
Robert Fetsch	Duane Fontaine
Gary Goetz	Dennis Gunderson

Edward Haskell
Thomas Mikelson
Carl Sherlock
David Kresel
Lawrence Morrison
Richard Winkels

1996 Randy Seelig, Lisbon
Skip Rapp, Dickinson
Larry Thomas, Washburn
Gary Hager, Upper Souris Water Users

1995 Brad Moser, Medina
Les Sigette, McVille
Don Olafson, Valley City
Charles Jaszkowiak, Bismarck

1994 Gregg Christensen, Cass Rural Water Users
Gordon Johnson, North Valley Water Assoc.
Kerry Miller, Stanton
Virgil Sund, Oakes

1993 Jeff Huwe, Columbus
Clay Pettys, Lake Metigoshe Recreation Service Dept.
Richard Resell, Williston

1992 Dave Auch, Mandan
Joel Heitkamp, Southeast Water Users
Michael Schneider, Jr., Strasburg
Joseph Leo Tupa, Grand Forks

1991 Jim Moe, Devils Lake
Lyle Mitzel, Wahpeton
Joe Manning, Fargo
Howard Plum, Maddock

1990 Keith Demke, Bismarck
Rick Gillund, Enderlin
Greg Nordsven, Killdeer
Byron Thronson, Minot

1989 Ed Braunagel, Harvey
Greg Larson, R&T Water Supply
Ingram Opp, New Salem
Dale Townsend, Carrington

1988 David Burckhard, Minot
Ray Feltman, Minto
Dale Hanson, Valley City
Robert Job, Linton

1987 Don Erickson, Watford City
Dave Johnson, Washburn
Marvin Johnson, Jamestown
Harland Peterson, Carrington

1986 Dan Reiter, Minot
Larry Thelen, South Central Regional Water District
Bill Werle, Velva
Jerry Zander, Mandan

1985 Ray Foss, Hillsboro
Phil Furaus, Harvey
Francis Leintz, Lisbon
LaRay Reis, Lisbon
Dwight Wurzbacher, Grand Forks

1984 Larry Boepple, Halliday
Lester Carman, Bismarck
Joe Roshau, Killdeer
Beven Shaw, Williston

1983 Gary Armstrong, Rolla
Cliff D'Heilly, Neche
Virgil Houim, Rugby
Bud Lund, Bismarck
Arnold Stokkeland, Cooperstown

1982 Fred Clark, Grafton
Harry Hanks, Beulah
Don Larson, Gwinner
Bill Mendewald, Hankinson
John Muus, Grand Forks

1981 Marvin Baska, Mohall
Alvin Carlson, Langdon
Al Swanson, Jamestown
Gene Thomas, McVille
Casper Volk, Rugby

Fargo Water Equipment Company
Box 128, Fargo ND 58107
Phone: 800-437-4034
Fax: 701-237-9609
www.fgoh2o.com
FGOH2O INC.
FARGO WATER EQUIPMENT
Jack Hendrickson, Kurt Losee, Dean Eilertson, Tom Humphrey

Services/Products: A.Y.McDonald brass goods, Watts pressure reducing valves and control valves, American Flow Control hydrants and valves, PVC pipe and fittings, Sensus water meters and systems, Fusible PVC pipe, poly pressure pipe with TDW fusion equipment, HDPE dual wall pipe, GIL flush hydrants.
Area served: Minnesota and North Dakota

Annual Operator Training Program

The North Dakota Department of Health is pleased to announce the 50th Annual Professional Water and Wastewater Operator Training Program.

1. Objectives - These classes will fulfill the continuing education credit (CEC) requirement for certified operators. You will receive 12 CECs for each session attended. Roll will be taken during the sessions to verify attendance. Expect to hear presentations regarding regulations and how to avoid mistakes that can lead to non-compliance for your facility. This will include general operation and maintenance topics. However, the courses are not geared specifically to prepare operators for certification exams.
2. Registration - Please preregister using the enclosed registration form, or complete your registration form online at http://www.ndhealth.gov/mf/, and mail the printed copy along with your payment. You may attend both water and wastewater sessions. Please indicate a second choice when selecting class sessions. The classes will fill up quickly. A $20.00 registration fee payable to the North Dakota Water and Pollution Control Conference (NDWPCC) is required. This covers attendance at one or more sessions. A confirmation letter will be sent and must be presented at the time of registration. If you need to reschedule or cancel, please call Patty Carman at 701-328-6628.
3. Membership - A $10.00 membership fee for the NDWPCC is optional. Membership includes the *Official Bulletin* and may be added to the total payment.
4. Certification exams - A separate application form is required. An application form is included; please fill out completely, or complete your application form online at http://www.ndhealth.gov/mf/. Do not use previous applications. Signed applications must be received by the certification officer 15 DAYS before the examination date. Applications received after the deadline will be rejected. No "walk-in" exams will be allowed. Please make copies if more than one operator will be testing.
   - A photograph identification card is required to take exams.
   - A confirmation letter will be sent and must be presented at the time of testing.
   - If you need to reschedule or cancel, please call Craig Bartholomay at 701-328-6626.
   - Please bring your own calculator and pencils.
   - Do not send exam payment with application. You will be billed separately by the North Dakota Department of Health.
   - Results of the exam(s) will be sent out after all of the training sessions are completed and after payment has been received for the exam(s).
5. Location - All training sessions and certification exams will be held at the Environmental Training Center, 2639 East Main, Bismarck.
6. Chlorine Meter Training - (for applicable water operators) - This training is voluntary and will be offered prior to the water treatment and distribution sessions (see schedule). If you would like to participate, please provide your own chlorine meter. For more information, please call Mike Brisben at 701-328-6622.
7. pH certification (for applicable wastewater operators) - This will be offered in conjunction with the wastewater treatment training sessions (see schedule). For more information on the wastewater pH certification or to see if you should attend please call Randy Kowalski at 701-328-5239.
8. The North Dakota Section of the American Water Works Association is offering a Surface Water Workshop April 27-29, 2010 at the Ramada Inn in Fargo. Call Meredith Quinn at 701-746-8087 for more information.
9. Sponsors -
   ND Department of Health
   ND Water and Pollution Control Conference
   ND Chapter of the American Public Works Association
   ND Section of the American Water Works Association
   ND Water Environment Association
10. Special needs - If you need special accommodations or more information, please call Mike Brisben at 701-328-6622.
11. A block of rooms at the Ramkota Hotel (next to Kirkwood Plaza at 800 South 3rd Street) 701-258-7700 has been booked for the operator training sessions. If you elect to use the Ramkota Hotel, the rates are $63.00 (single) and $79.00 (double)
12. Class Schedule -
    <u>Water Treatment and Distribution</u> - Bismarck.
    March 1-3, 2010
    March 8-10, 2010
    March 22-24, 2010
    March 29-31, 2010
    Check in time for registration is 12:00-1:00 p.m. on March 1, March 8, March 22 and March 29. Exams are scheduled from 1:00-5:00 p.m. on March 3, March 10, March 24 and March 31.

    <u>Chlorine Meter Training</u> - (for applicable water operators)
    March 1, 8, 22, and 29, 2010 at 10:00 a.m.

    <u>Wastewater Treatment and Collection</u> - Bismarck.
    April 12 - 14, 2010
    April 19 - 21, 2010

Check in time for registration is 12:00 - 1:00 p.m. on April 12, and April 19. Exams are scheduled from 1:00 - 5:00 p.m. on April 14 and April 21.

pH Certification (for applicable wastewater operators) - April 12 and 19, 2010 at 10:00 a.m. for wastewater treatment operators.

Surface Water Workshop - Ramada Inn, Fargo
April 27 - 29, 2010
See pages 32 and 33 for the agenda and registration form.

13. Topics in Water Treatment and Distribution may include:
SDWA Update, Operator Certification, Overview of Water Treatment Rules, BacT Update, Stage I & II Disinfectants/Disinfection By-products Rules, Filtration, Chlorine Meters and Measurements, Disinfection of Pipes and Reservoirs, Fire Hydrants, Groundwater Rule, Lead and Copper Rule, Math, Cross Connections, Pumps, System Security, Fluoridation, Well Head/Source Water Protection and others.
14. Topics in Wastewater Treatment and Collection may include:
Wastewater Basics, History of Wastewater Treatment, Troubleshooting, Physical Aspects of Lagoons, Wetland Systems, Microbiological Life in Ponds, Collection Systems, Operator Certification, Math, Discharge Permits, Lift Station Rehabilitation, Storm Water Update, Pond Construction, and others.
15. All operators working in public water treatment and/or distribution systems which serve a population of 3,300 or less are eligible for reimbursement. Please pick up the appropriate forms during the training sessions. After payment to the North Dakota Water and Pollution Control Conference and/or state is made, you may apply for reimbursement.
16. The 2010 Registration Form and Application for Operator Certification exams can be located by clicking on "calendar and publications" on the Division of Municipal Facilities website at http://www.ndhealth.gov/mf
17. Questions:
Regarding exams:
call Craig Bartholomay at 701-328-6626.
Regarding training sessions: call Mike Brisben at 701-328-6622.
Regarding pH certification: call Randy Kowalski at 701-328-5239.

MARK YOUR CALENDARS FOR
THE 2010
SURFACE WATER
TREATMENT WORKSHOP
April 27 - April 29, 2010
Ramada Plaza Suites
Fargo, ND

SPONSORED BY MNAWWA, NDAWWA, AND SDAWWA
More information: www.awwand.org/swtw
See pages 32 and 33 for agenda and registration form.
American Water Works Association
The Authoritative Resource on Safe Water℠

2010 Registration
50th Annual Professional Water and Wastewater Operator Training Program

Name _____
(Please Print Clearly)

Employer _____

Employer's Address _____

City, State, Zip Code _____

Home Address _____

City, State, Zip Code _____

Daytime Telephone Number _____

Email Address _____

Check below the sessions you wish to attend. PLEASE NOTE THAT CLASS ATTENDANCE IS LIMITED TO THE FIRST 60 REGISTRANTS. A confirmation letter must be presented at the time of check-in at the Environmental Training Center. Attendance will be required for the issuing of continuing education credits. Roll will be taken during the sessions to verify attendance.

Do not apply for certification exams on this form (a separate application form is enclosed).

Name of Session	Date of Session	1st Choice	2nd Choice
Water Treatment and Distribution	March 1 - 3	❒	❒
Water Treatment and Distribution	March 8 - 10	❒	❒
Water Treatment and Distribution	March 22 - 24	❒	❒
Water Treatment and Distribution	March 29 - 31	❒	❒
Wastewater Treatment and Collection	April 12 - 14	❒	❒
Wastewater Treatment and Collection	April 19 - 21	❒	❒

Manuals for sale (while supplies last):

CSU Small Water System Operation and Maintenance ($50.00) _____
CSU Water Treatment Plant Operation, Vol.1 ($50.00) _____
CSU Water Treatment Plant Operation, Vol.2 ($50.00) _____
CSU Water Distribution System Operation and Maintenance ($50.00) _____
EPA Stabilization Pond Manual ($12.00) _____
CSU Wastewater Collection System Operation and Maintenance, Vol.1 ($50.00) _____
CSU Wastewater Collection System Operation and Maintenance, Vol.2 ($50.00) _____
MAP Small Water System Standard Operating Procedure Manual ($23.00) _____
CSU Small Wastewater System Operation and Maintenance, Vol.1 ($50.00) _____
CSU Small Wastewater System Operation and Maintenance, Vol.2 ($50.00) _____

Membership in ND Water and Pollution Control Conference
(includes *Official Bulletin* - $10.00) _____

Registration Fee (covers attendance at one or more sessions) $ 20.00

Make check for **training program registration, membership and manuals** payable to:

ND Water and Pollution Control Conference or NDWPCC
918 East Divide Avenue, 3rd Floor
Bismarck, ND 58501-1947

Total _____

APPLICATION FOR WATER AND/OR WASTEWATER OPERATOR CERTIFICATION

NORTH DAKOTA DEPARTMENT OF HEALTH
DIVISION OF MUNICIPAL FACILITIES
918 E Divide Ave., 3rd Floor, Bismarck, ND 58501-1947
SFN 16403 (1/07)

Directions

* Please type or print legibly.
* You may write a maximum of two examinations per session.
* Send your completed application to the department at least **15 days before the exam date**. Use the address listed above.
* **DO NOT SEND CHECK, MONEY ORDER OR CASH FOR PAYMENT. You will be billed by the Department of Health after the examination(s) are administered.** Results will only be released after payment has been received.
* Choose references who can confirm your operating ability (supervisor, foreman, city officials, etc.).
* Each statement and fact by the applicant must be true and correct.
* You may apply for certification in water treatment, water distribution, wastewater treatment, or wastewater collection on this form.
* Incomplete applications will be returned.

Name		Home Telephone Number ( )		
Home Address		City	State	Zip Code
Present Employer	Population Served	Business Telephone Number ( )		
Employer's Address	County	City	State	Zip Code
Your Position Title:		Status (Check One) ❒ Full Time ❒ Part Time ❒ Seasonal		

Circle the certification grade you are applying for:	Water Treatment Plant Operator	1A	1	2	3	4
	Water Distribution System Operator	1A	1	2	3	4
	Wastewater Treatment Plant Operator	1A	1	2	3	4
	Wastewater Collection System Operator	1A	1	2	3	4

Exam Date: Retest: ❒ Yes ❒ No	Location:	For Reciprocity Applications: State: Grade:

Operator Work Experience:		List the positions you have held in water treatment, water distribution, wastewater treatment, or wastewater collection. Start with your present position and work back. If necessary, use extra sheets to describe duties.	
Dates Employed Mo./Yr. To Mo./Yr.		Name and Address of Employer	Specific Duties Performed

Continue on other side of this form.

Direct Responsible Charge (DRC) - Means full and active performance of onsite operation where the operator is:	
Are you an operator in DRC ? ❒ Yes ❒ No	❒ Responsible for technical support of the facility or system and provides direction to other operators.
	❒ Is on site or on call during shift operations.
	❒ Is responsible for the operation of a major segment of a facility or system.
	❒ Is the sole person employed as the facility or system operator.
Date Started DRC: _____	

Education	Name of High School	Year Graduated: or Highest Grade Completed:

College or University	Dates Attended	Major	Minor	Degree Obtained	Year of Graduation

Circle the appropriate letter (P or C) to indicate previous position "P" or current position "C." If appropriate, list a number to identify your experience with various systems.
(For example __8__ # of wells P / (C))

WATER TREATMENT

Chlorination P / C
Sequestering P / C
Chemical Softening and Filtration P / C
Iron and Manganese Removal P / C
Coagulation, Sedimentation, Filtration P / C
Fluoridation P / C
Corrosion Control P / C
Reverse Osmosis P / C
Other: _____

WASTEWATER TREATMENT

Stabilization Ponds P / C
Oxidation Ditches P / C
Trickling Filter P / C
Sludge Stabilization P / C
Aerated Ponds P / C
Activated Sludge P / C
Rotating Biological Contactor P / C
Other: _____

WATER DISTRIBUTION

_____ Average Daily Volume (GPD) P / C
_____ # of Service Connections P / C
_____ # of Pumping Stations P / C
_____ # of Storage Facilities P / C
Types: _____

Water Supply
_____ # of Wells P / C
_____ # of Springs P / C
_____ Name Surface Water
_____ Name Rural Water

WASTEWATER COLLECTION

_____ Average Daily Volume (GPD) P / C
_____ # of Service Connections P / C
_____ # of Industrial Connections P / C
_____ # of Storm Water Connections P / C

Lift Stations
_____ # of Submersible Type P / C
_____ # of Wet Well/Dry Well P / C
_____ # of Air (Pneumatic) P / C
_____ # of Package Type P / C

Name, Address, Phone Number of Reference	Name, Address, Phone Number of Reference	Name, Address, Phone Number of Reference

The information I have provided above is correct to the best of my knowledge.

_____
Signature of Applicant / Date Signed

_____
Signature of Supervisor / Date Signed

2009 Conference Attendance List

Chuck Abel
Environmental Engineer
ND Department of Health
918 E Divide Ave, 3rd Fl
Bismarck, ND 58501
(701) 328-5207

Nikomaldeus Alvira
WWTP Operator
City of Jamestown
102 3rd Ave SE
Jamestown, ND 58401
(701) 252-9149

Pete Anderson
Factory Chemist
American Crystal Sugar Company
770 2nd St NE
Hillsboro, ND 58045
(701) 436-3129

Pedar Andre
Water/Wastewater Foreman
City of Williston
4119 4th Ave E
Williston, ND 58801
(701) 577-6368

Lisa Ansley
Project Engineer
AE2S
1815 Schafer St, Ste 301
Bismarck, ND 58501
(701) 221-0530

Rodney Arness
Water Plant Foreman
City of Minot
515 2nd Ave SW
Minot, ND 58701
(701) 857-4760

Lonnie Arp
Utility Operator
Grand Forks AFB
1293 41st St NE
Larimore, ND 58251
(701) 747-5200

Tracy Ault
Lab Technician
City of Minot
515 2nd Ave SW
Minot, ND 58701
(701) 857-4150

Craig Bartholomay
Environmental Engineer
ND Department of Health
918 E Divide Ave, 3rd Fl
Bismarck, ND 58501
(701) 328-6626

Dave Bechtel
Project Manager
City of Mandan
205 2nd Ave NW
Mandan, ND 58554
(701) 667-3225

Rodney Beck
Civil Engineer
USDA Rural Development
PO Box 1737
Bismarck, ND 58502
(701) 530-2069

Doug Bender
North Dakota Sales Rep
Power Process Equipment, Inc.
3600 42nd St NW
Mandan, ND 58554
(952) 975-1000

Mike Berg
Professional Manager
Ulteig Engineers, Inc.
1412 Basin Ave
Bismarck, ND 58504
(701) 258-6507

Shane Berg
Industrial Equipment Mechanic
U.S. Air Force - Minot
109 Wallace St
Burlington, ND 58722
(701) 723-3513

Steve Bergeron
Sales Representative
ABM Equipment Supply, Inc.
333 2nd St NE
Hopkins, MN 55343
(952) 938-5451

Kenny Bergstrom
Utility Operator
City of Williston
PO Box 1306
Williston, ND 58802
(701) 577-6368

Josh Beste
Operator
City of Fargo
524 45th St SW, Apt 206
Fargo, ND 58103
(701) 241-1454

Joseph M. Bichler
Vice President
Bartlett & West Engineers
3456 E Century Ave
Bismarck, ND 58503
(701) 258-1110

Kent Bickler
Operator
R & T Water Supply Assoc.
PO Box 126
Ray, ND 58849
(701) 568-3457

Darin Billing
Environmental Engineer
ND Department of Health
918 E Divide Ave, 3rd Fl
Bismarck, ND 58501
(701) 328-6624

Peter R. Bilstad
Sewage Dept. Superintendent
City of Fargo
3400 N Broadway
Fargo, ND 58102
(701) 241-1454

Dale Binstock
State Water Commission
900 E Boulevard Ave
Bismarck, ND 58503
(701) 328-2473

Edward Black Cloud
Water Distribution Supervisor
Standing Rock Sioux Tribe
PO Box 675
McLaughlin, SD 57642
(701) 854-7477

Mark Blonigen
Laboratory Manager
City of Fargo
3400 N Broadway
Fargo, ND 58102
(701) 241-8567

Todd Boechler
Street Department
City of Minot
515 2nd Ave SW
Minot, ND 58701
(701) 857-4140

Terry Boehm
Kadrmas, Lee & Jackson
128 Soo Line Dr
Bismarck, ND 58501
(701) 483-1284

Dean Boreen
Wastewater Operator
City of Fargo
3400 N. Broadway
Fargo, ND 58102
(701) 241-1454

Greg Boucher
Water Plant Operator
City of Rugby
124 10th St SE
Rugby, ND 58368
(701) 776-6034

Kal Boyd
Environmental
Coordinator
Basin Electric
3901 Highway 200A
Stanton, ND 58571
(701) 745-7206

Gary Bracht
Environmental Engineer
ND Department of Health
918 E Divide Ave, 4th Fl
Bismarck, ND 58501
(701) 328-5227

Clarence Brendel
Maintenance Tech II
City of Bismarck
PO Box 5503
Bismarck, ND 58506
(701) 355-1700

Mike Brisben
Training Center Manager
ND Department of Health
918 E Divide Ave, 3rd Fl
Bismarck, ND 58501
(701) 328-6622

Mel Bullinger
City Engineer
City of Bismarck
PO Box 5503
Bismarck, ND 58506
(701) 355-1509

Dave Burckhard
Water/Wastewater
Superintendent
City of Minot
515 2nd Ave SW
Minot, ND 58701
(701) 857-4150

Todd Butz
Vice President, Sales
Tonka Equipment Co.
13305 Watertower Circle
Plymouth, MN 55441
(763) 559-2837

Alvin D. Carlson
Manager
Langdon Rural Water Users
10347 Hwy 5
Langdon, ND 58249
(701) 256-5125

Patricia Carman
Office Assistant
ND Department of Health
918 E Divide Ave, 3rd Fl
Bismarck, ND 58501
(701) 328-6628

Dwight Carpenter
Operator
City of Horace
PO Box 99
Horace, ND 58047
(701) 282-9727

Ross Carter
Operator
City of Sherwood
PO Box 63
Sherwood, ND 58782
(701) 833-8742

Travis Carufel
Wastewater Operator
City of Bismarck
PO Box 5503
Bismarck, ND 58506
(701) 222-6618

Cory Chorne
Project Manager
AE2S
1815 Schafer St, Ste 301
Bismarck, ND 58501-1217
(701) 221-0530

Ben Cofell
Senior Engineering Tech
City of Minot
515 2nd Ave SW
Minot, ND 58701
(701) 857-4113

Clint Cogdill
Public Works Director
City of Burlington
13091 Hwys 2 & 52 W
Burlington, ND 58722
(701) 852-5233

Greg Cummings
Operator
City of Horace
313 Dakota Ave
Horace, ND 58047
(701) 282-9727

Delvin DeBoer
Professor
SDSU
CEH 114 Box 2219
Brookings, SD 57007
(605) 688-5210

Keith Demke
Director, Utility
Operations
City of Bismarck
PO Box 5503
Bismarck, ND 58506
(701) 355-1704

Rock Desautel
Assistant Street/
Wastewater Supt.
City of Grafton
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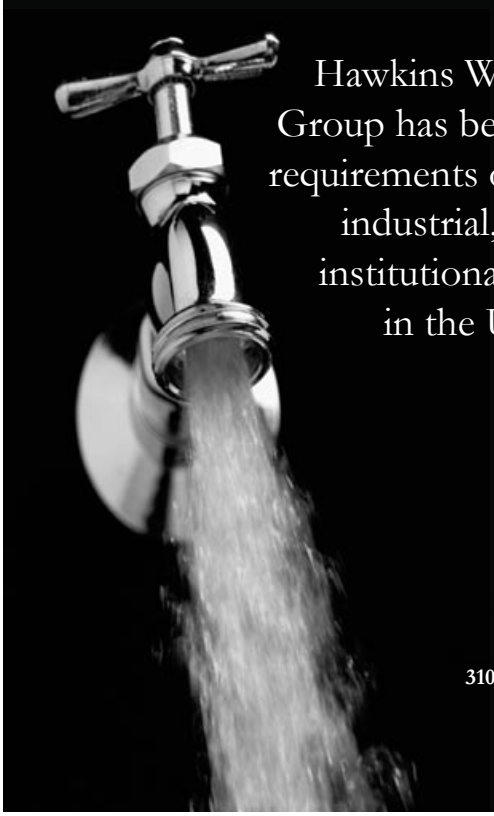

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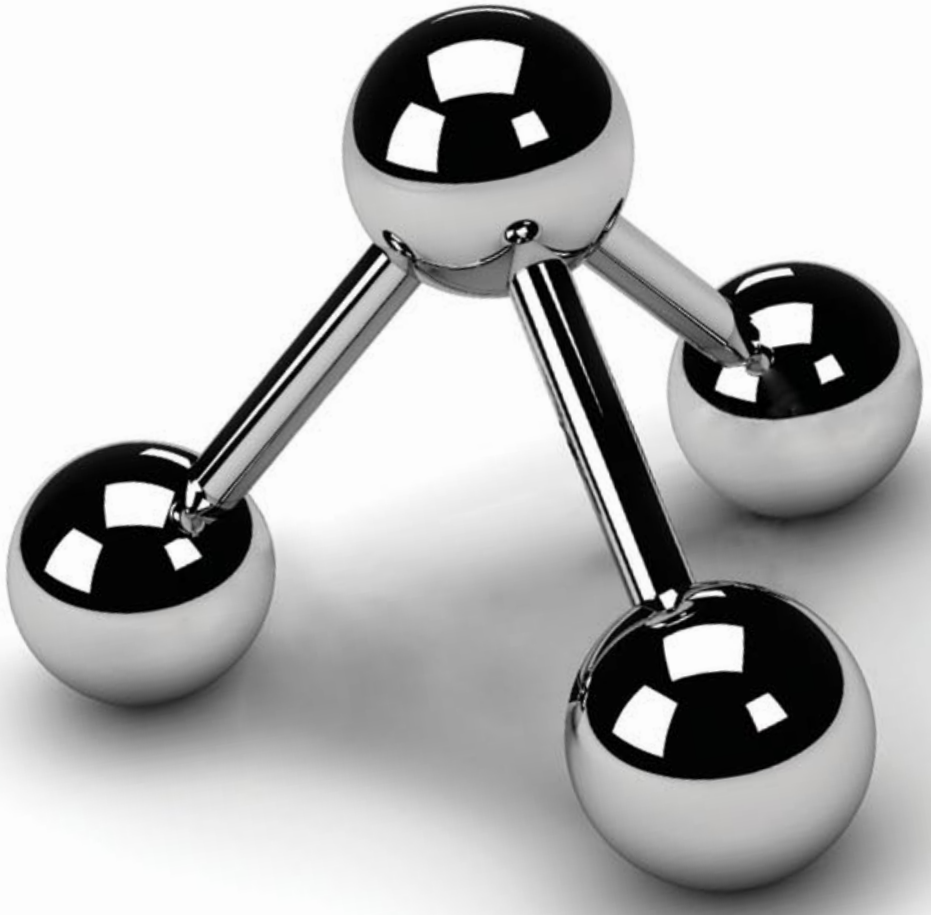

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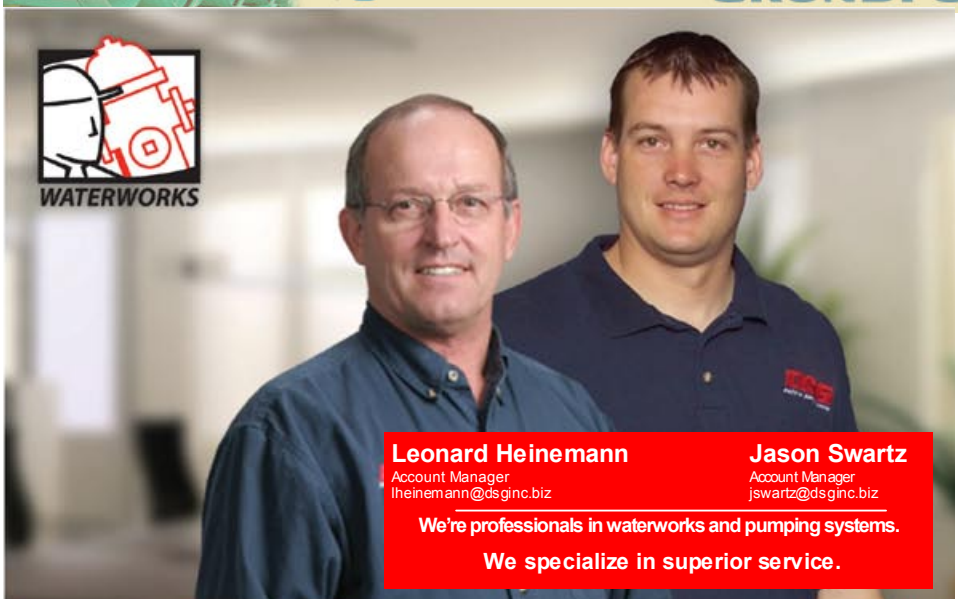

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