OFFICIAL BULLETIN

City of Minot

July - September 2009
VOLUME 95 • NUMBERS 7-9
CONFERENCE ISSUE

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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

Official Publication of the
North Dakota Water and Pollution Control Conference

Conference Issue **Established 1935**

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On the cover: Minot's new pedestrian bridge was part of the North Broadway reconstruction.

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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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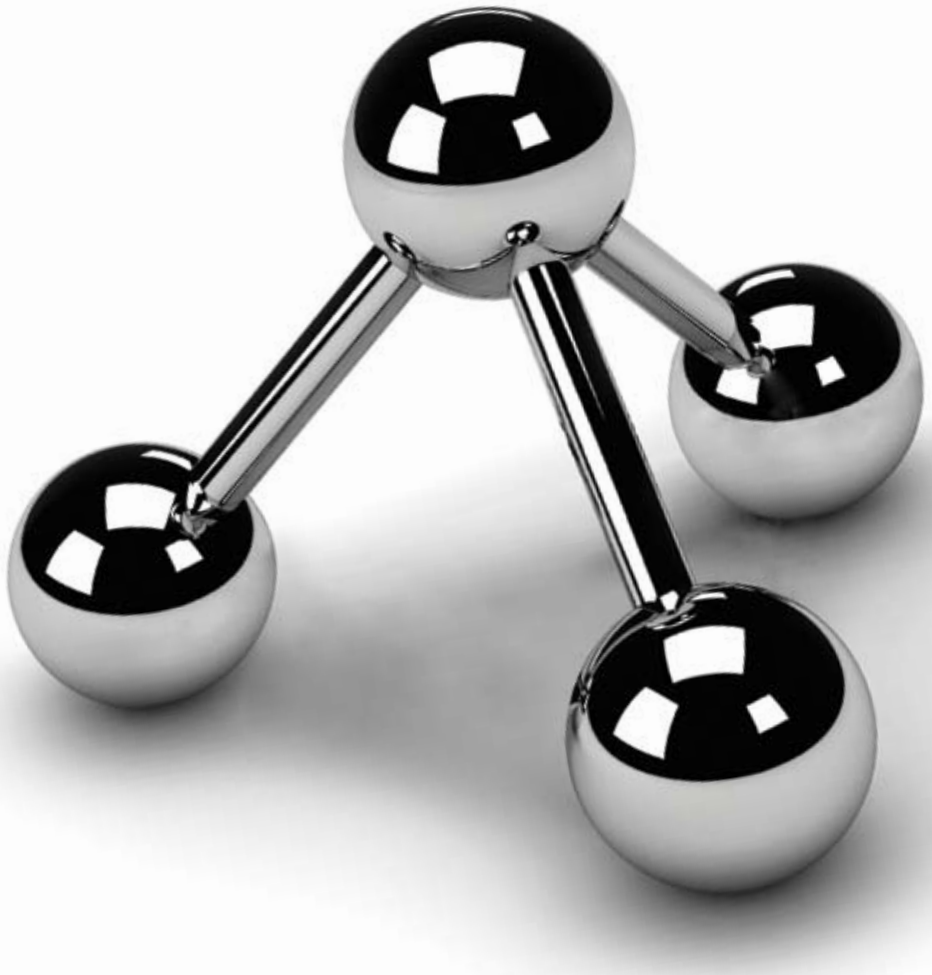

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The Reconstruction of Minot's Main Thoroughfare

City of Minot and Odney Advertising Staff

The Magic City of Minot, N.D., is neatly bisected into east and west by US Highway 83/Broadway. This roadway is the city's main artery, and it is lined with many of Minot's major businesses including Minot State University, the Minot International Airport, and several car dealerships, hotels and a variety of other retailers. In 2003, 42 years after its last major renovation, the North Dakota Department of Transportation (NDDOT), along with the city of Minot, began reconstructing the thoroughfare. The project was broken up into three distinct phases:

- Central Broadway (downtown area that took place in 2003)
- South Broadway (included four primary projects in 2006)
- North Broadway (a two-phase project that took place over two seasons in 2008 and 2009)

Central and South Broadway

Both Central and South Broadway faced the same issues prior to reconstruction. These stretches were constructed in 1961, and road conditions were extremely poor. The 42-year-old roadway was 10 years past its traffic life, and high maintenance costs were being incurred to maintain these sections of Minot's busiest thoroughfare.

Safety issues abounded on these two sections. On South Broadway alone, one three-year period saw more than 300 vehicle accidents. Traffic congestion at major intersections along the corridor had become an obstacle. Traffic volume forecasts showed that South Broadway traffic volume would be increasing from about 27,000 vehicles per day in 2003 to 47,000 vehicles per day in 2021.

Even older than the street, public utilities such as water and storm sewer lines under the roadway required extensive ongoing maintenance at the public's expense. The capacity of the storm sewer system had been exceeded several times, resulting in overland flooding. The water main had experienced several failures with two very large sections requiring complete replacement. Fire hydrants were found on only one side of the roadway. It was determined that the best time to reconstruct these and other public utilities would be during road reconstruction to lessen the inconvenience to the community. Approximately 6 miles of underground work was scheduled, saving the City of Minot a significant amount of money.

The reconstruction project – which included a greatly improved roadway, lane additions, traffic signal timing improvements, better lighting and Americans with Disabilities Act-compliant pedestrian curb ramps – made South Broadway safer and accommodates current traffic levels as well as projected future traffic volumes.

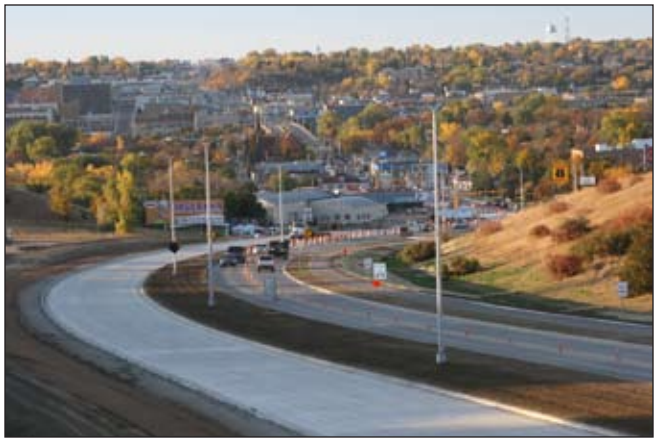
Each section took one year to complete. South Broadway originally was scheduled over two seasons, but the project was accelerated into one construction season and included two contracts for the main roadway and two additional contracts for two storm sewer outfall projects.

North Broadway – Phases I and II

The length of this section of roadway and the complex improvements required this project to be broken into two parts.

- Phase I - from University Avenue to 21st Avenue
- Phase II - from 4th Avenue to University Avenue

While Phase II was not completed until October 2008, the assessment of North Broadway began in 2001 when the buildings along the construction corridor were reviewed for historical significance. The review identified two buildings – Mackley Apartments and First Lutheran Church – as eligible for listing on the National Register of Historic Places.



North Broadway construction.

Prior to reconstruction, there were significant concerns with North Broadway, including deteriorated pavement, inadequate roadway capacity, narrow lane widths, safety issues and poor pedestrian facilities.

Like Central and South Broadway, North Broadway was reconstructed in 1961 as part of a larger project that expanded US 83 into four lanes from the City of Minot to the Minot Air Force Base. The concrete pavement on North Broadway had exceeded its design life, and severe cracking and joint separation were causing serious safety concerns.

A Major Face lift

North Broadway received the most extensive face lift of the entire project. Several businesses were removed; a pedestrian bridge was added (see cover photo); ornamental lighting was installed near Minot State University; and several historical buildings and landmarks were enhanced, while other businesses were relocated or demolished.

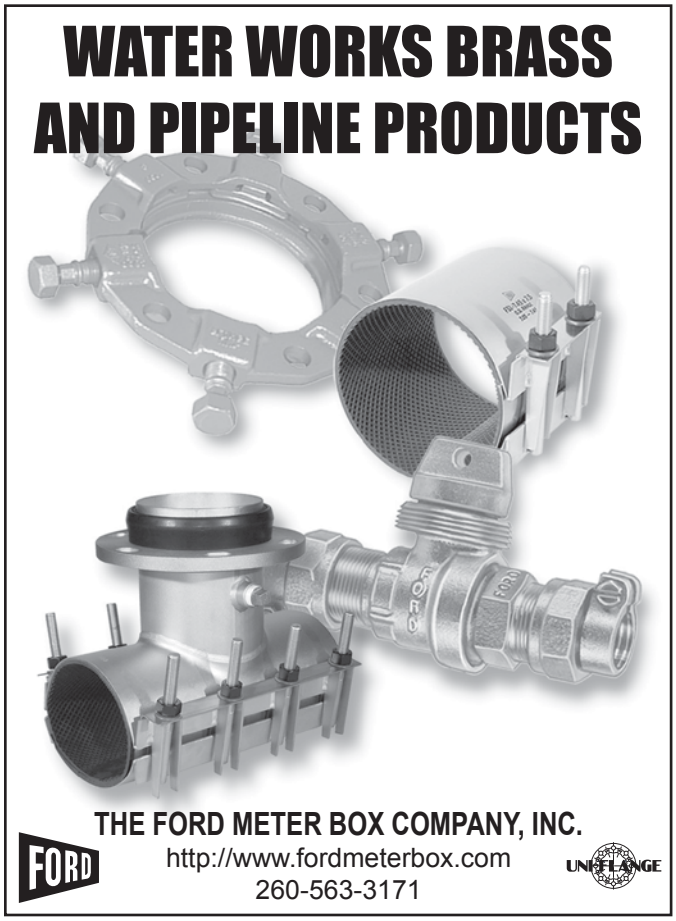
Perhaps the most significant improvements on North Broadway are the updated pedestrian facilities. Sidewalks were added along some portions and widened significantly in order to accommodate wheelchairs in other areas. A busy intersection was transitioned and signals added in order to create a safer and more pedestrian-friendly stretch of roadway. And a striking pedestrian walkway was installed across the roadway during Phase II, providing an aesthetically pleasing focal point for drivers entering the Magic City and safe east/west access for people walking and biking the area.

Underground work occurred throughout the term of the project, but it was especially extensive between 5th and 11th Avenues. At the north end of the project, a raised median replaced the ditch median; and all the storm sewer, sanitary sewer and waterlines were replaced along the route.

Project Highlights

While the physical changes along Broadway were significant, some of the more interesting project highlights occurred behind the scenes. For the first time in Minot, the NDDOT employed a project information coordinator for several phases of the project. This individual was instrumental in releasing information to the public and key stakeholders regarding project progress; coordinating public meetings, input and partnerships; and establishing a dynamic website (www.minotbroadway.com) that sent regular updates to businesses, the general public and the media.

Throughout every phase of this project, the primary players – the NDDOT, the city, the contractors and business owners – worked very closely together to ensure the project's success. Today, with its wide, clean lanes, landscaping and updated infrastructure in place, Minot's Broadway is a safe and attractive attribute of the Magic City.



Amtrak Depot Restoration

City of Minot

The Amtrak Depot Restoration Committee members have a grand vision that they hope becomes a reality. The committee is working to restore Minot's Amtrak depot to its original 1903 look. The project is a natural for Minot, which has a long history with the railroad. For train travelers passing through, the depot property might be the only area of the city they see. Recreating the 1903 look will lend a bit of history and nostalgia to the depot, further connecting Minot and the railroad.

The original train depot, built by the Great Northern Railway, went through renovations in the 1960s. That project removed a hip roof, which was replaced with a flat roof and added stucco to cover the brick on the exterior. The depot committee wanted to reverse those changes and restore the structure to its original look.

The Minot Depot is in a unique situation. Most depots that have been restored are only used as museums or meeting spaces. And others are no longer near rail lines. However, the depot currently houses the offices for Amtrak's Minot operations and will continue to be used by Amtrak. Restoring this depot will accomplish the task of preserving a major part of North Dakota railroad history.

For most of the last decade, dedicated citizens have been working toward restoring the Minot Depot.

"It will not look identical but very similar to the way the depot looked when they built it in 1903," said Dennis Lutz, chairman of the restoration committee.

The original depot was built by the Great Northern Railway in 1903.

The depot was renovated in the 1960s.

To date, the project has included removing the stucco from the building's exterior and re-bricking the building. The exterior will be the same old-style brick from North Dakota's Hebron Brick Company as existed on the original building. The roof has been restored to the original witch's hat design and windows have been replaced at existing locations.

Craft Builders of Minot constructed the new roof at a cost of approximately $180,000. Hight Construction of Minot installed the new brick exterior and replaced windows for approximately $190,000. A transportation enhancement grant of $290,000 was awarded through the North Dakota Department of Transportation. The city of Minot funded the remaining construction costs and the architect/engineering fees totaling approximately $148,250.

A third phase of construction will include interior renovations. The interior improvements will include a small railroad museum and updates to the seating area and ticket booth. The restoration will also complete compliance with the Americans with Disabilities Act. The plans for the interior renovation phase are currently under design. The total construction costs are expected to be approximately $400,000, for which an American Recovery & Reinvestment Act grant has been received.

Lighting and landscaping have yet to be updated, with the potential for a new platform and canopy and a pedestrian park.

Burlington Northern Santa Fe Railroad owns the depot, which is leased by Amtrak. The depot renovations will highlight Minot's rich railroad history and enhance the building's functionality. With more than 35,000 passengers per year (the highest ridership in all of North Dakota), the depot is the first impression to passengers, as they arrive in the city of Minot. The Amtrak Depot Restoration Committee is confident the depot project will be fully supported by the community. The committee welcomes the day when the project is completed and train passengers can take a "step back in time" when they visit Minot.

The Minot Depot project is a natural for Minot, which has a long history with the railroad.

The newly renovated depot in 2009.

Northwest Area Water Supply (NAWS) Project

By Michelle Klose, NAWS Project Manager

For many years, residents of northwestern North Dakota have experienced water supply problems. Existing ground water sources are of poor quality, and the Souris River is a marginal source from both a quality and quantity standpoint. To resolve these problems, the Northwest Area Water Supply (NAWS) project is being constructed. This project is a bulk supply system that will serve the municipal and rural water needs of the project area. The planning, design and construction of the project is being led by the State Water Commission. The U.S. Bureau of Reclamation/Garrison Diversion Municipal Rural & Industrial program is providing primary funding, and the city of Minot is paying the local 35 percent cost share.

Planning studies for this project were initiated by the State Water Commission in November 1987. During project planning, environmental issues associated with the construction, operation and maintenance of the project were evaluated through an Environmental Assessment (EA). The key environmental concern of the project was the risk of transferring aquatic invasive species from the Missouri River basin (Lake Sakakawea) to the Hudson Bay basin where the majority of the communities and rural water systems to be served by the project are located. Based on the final EA, the Bureau of Reclamation (Reclamation) issued a Finding of No Significant Impact (FONSI) in September 2001. The FONSI established environmental commitments to avoid, minimize, or mitigate potential impacts resulting from the project. An impact mitigation assessment team was formed to monitor the final design, construction, mitigation and operation of the project.

Construction on the main water pipeline between Lake Sakakawea and Minot began in the spring of 2002. In October of that same year, the Canadian Province of Manitoba filed a lawsuit against the U.S. Department of Interior in U.S. District Court challenging the FONSI issued for the project and requesting federal funds and construction activities on the project be halted.

On February 3, 2005, the court ordered Reclamation to revisit the FONSI upon completion of further environmental analysis. The order states that additional analyses should consider (1) potential impacts associated with not fully treating the Missouri River water at its source and (2) potential impacts that could occur due to pipeline leaks and possible failure of water treatment facilities. A second ruling

Three photos of Minot high service pump station construction in July 2009.

from the court on April 15, 2005 denied the request for an injunction on construction work. This second ruling, while allowing existing contracts to continue, also required Reclamation to request permission from the court for the design and construction of additional project features until the environmental analyses are completed. Based on the direction from the court, construction of the 45 miles of main water transmission pipeline between Lake Sakakawea and Minot continued and is nearly complete. Motions were granted in March 2006 (following Reclamation's announcement that it would complete an Environmental Impact Statement [EIS] for the project) and March 2008 (following the release of the NAWS Draft EIS) to continue construction on project features north of the drainage divide that did not affect treatment decisions.

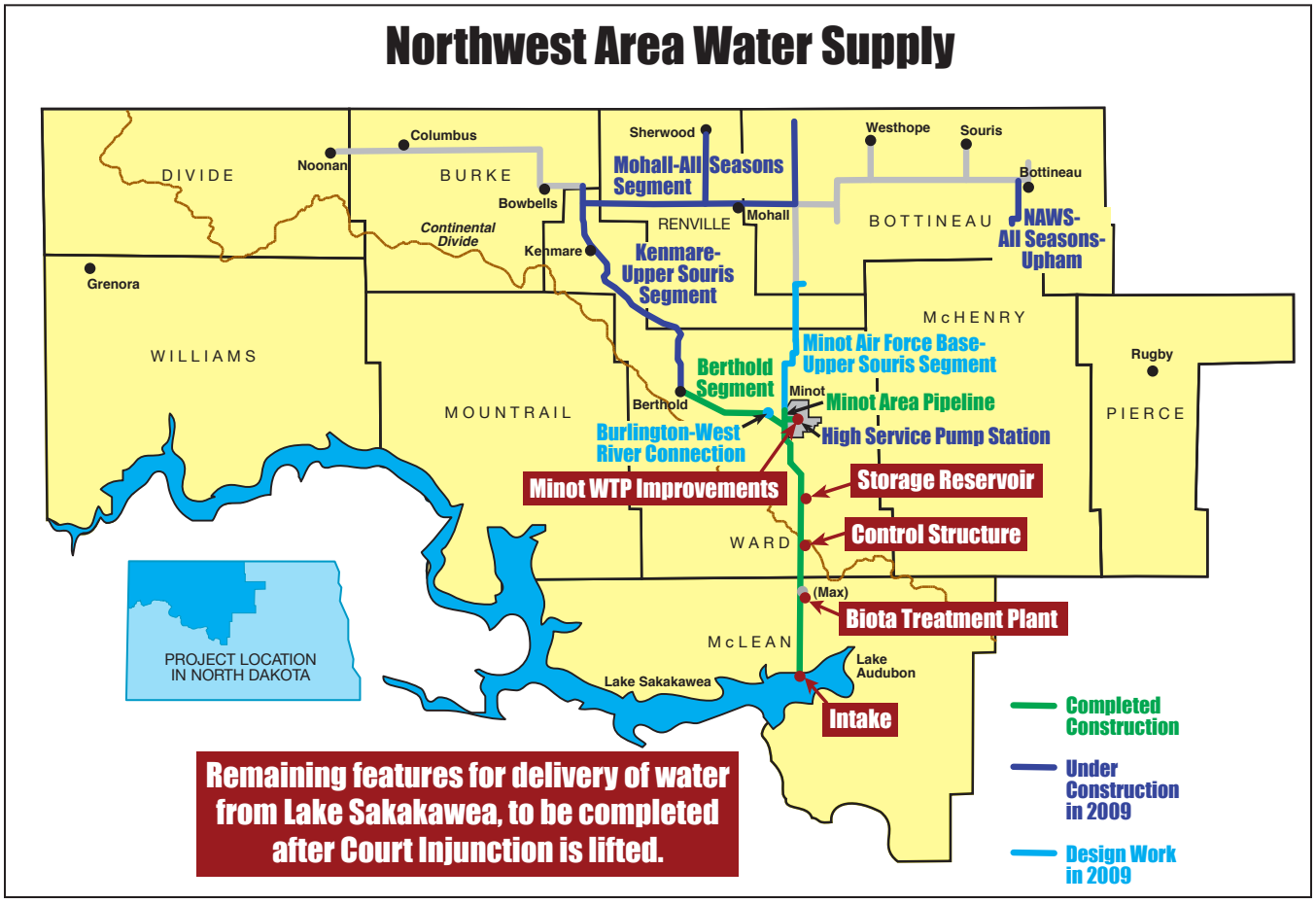
The final EIS was released in December 2008 with a Record of Decision selecting the use of chlorine disinfection and UV treatment to further reduce the risk of transferring invasive species from the Missouri River drainage to the Hudson Bay drainage.

Construction continued in 2006-2008 on a pipeline from Minot's water treatment plant to Berthold, two storage reservoirs, and a high service pump station.

August 18, 2008 was a day of celebration for the NAWS project. There were many people to thank for their work in getting water to flow between Minot and Berthold. The 25 miles of pipeline, the four pump stations, and two water towers were completed. Water supply was available to Berthold, North Prairie, and the Minot south hill region. This was a good step forward, while recognizing there are still several more steps to take.

The city of Minot agreed to allow NAWS to purchase an interim supply of water from its treatment plant while the state is working on the water supply from Lake Sakakawea. However, progress still needs to be made on water supply from the lake because the interim supply from Minot is not sustainable.

(Continued on page 10)



The Kenmare-Upper Souris pipeline project was bid and awarded October 1, 2008. This portion goes from Berthold, past Carpio, heading north and west on the ridge to Kenmare, and continuing north to Highway 5 to tie into the Upper Souris Water District System I storage tank. The pipeline capacity is designed for the full supply from the lake; however, in the interim only limited supply will be available from Minot, and it will need to be blended with the existing water sources especially during peak use. A 1-million gallon storage reservoir near Kenmare was bid on March 19, 2009, with completion scheduled for 2010.

The Mohall, Sherwood, All Seasons pipeline project was bid in June of 2009 and is scheduled to be completed in 2010.

Construction continues on the 12-million-dollar high service pump station in Minot, east of the Minot water treatment plant. This station is expected to be complete by the end of 2009.

The intake, treatment plant and storage between Lake Sakakawea and Minot are still on hold. The final EIS was released on December 5, 2008, and the Record of Decision was signed on January 15, 2009. The alternative selected is a combination of chlorine disinfection and ultraviolet treatment that will be constructed near Max, N.D. The additional environmental review was presented to the Federal Court on December 17, 2008 as another step forward toward lifting the injunction and closing out the lawsuit. On February 23, 2009, Manitoba filed additional concerns on the adequacy of the EIS. On February 24, 2009, Missouri filed a new lawsuit with concerns on the adequacy of the EIS in addressing depletions of the Missouri River. The Federal Court decided to consolidate the two cases and provided a schedule for all information to be filed by the end of July, with the oral arguments following possibly in September 2009.

The following is a breakdown of project costs for the portions completed or currently under contract.

Table 1 - NAWS Construction Contracts

Contract	Contractor	Contract Amount
High Service Pump Station	John T. Jones, N.D.	$12,411,087.61
Minot Line	ERS Constructors, Colo.	$8,091,041.90
Kenmare Storage	Caldwell Tanks, Ky.	$1,841,000.00
Kenmare Line	Northern Improvement, N.D.	$4,859,192.75
All Seasons-Upham Line	Swanberg Construction, N.D.	$680,086.80
Mohall-Sherwood-All Seasons Line	American Infrastructure, Colo.	$5,113,868.00
Interim Pump Station	Construction Engineers	$246,250.00
Four pipeline contracts between Minot and Lake Sakakawea	Coughlin, SJ Louis, Molstad	$26,444,277.80

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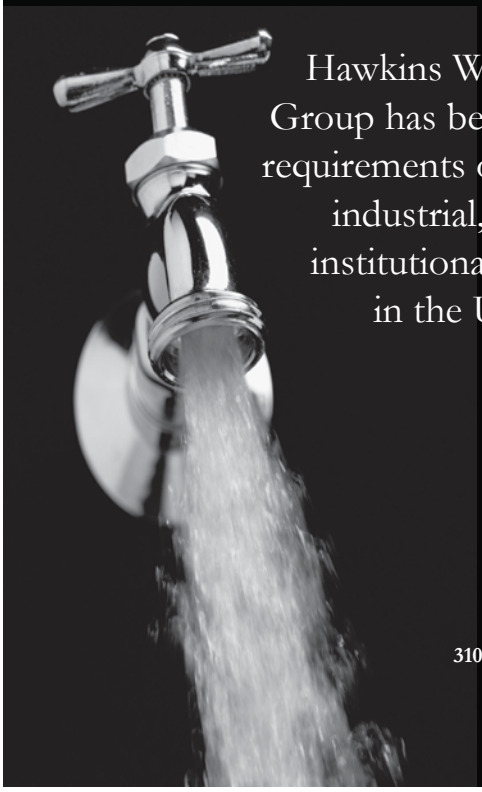

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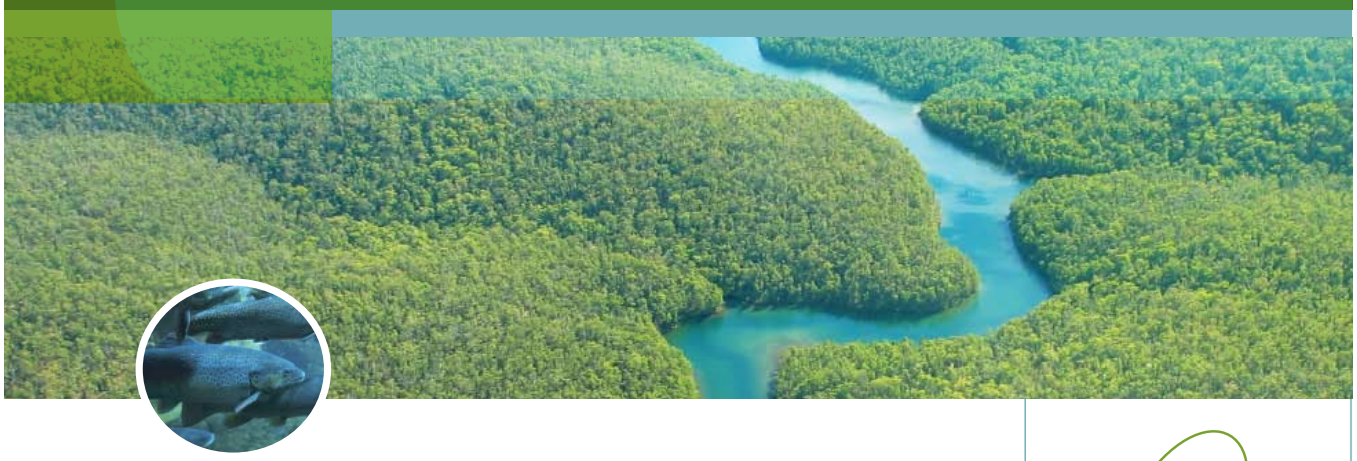

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President's Letter

LISA ANSLEY
Bismarck
PRESIDENT

Dear Conference Members and Friends of the Conference:
On behalf of the North Dakota Water and Pollution Control Conference, the North Dakota Chapter of the American Public Works Association, the North Dakota Section of the American Water Works Association, and the North Dakota Water Environment Association, I would like to invite you to Minot for the 81st Annual Conference. This year's conference will be held October 20, 21, and 22, 2009, at the Grand International Inn in Minot, North Dakota.

The conference is an excellent opportunity to network with colleagues, learn from peers and recognize the accomplishments of the many professionals within our industry that go above and beyond to provide safe utility services throughout North Dakota. As always, this year's program will include a variety of informative presentations from which to choose, as well as exhibitors displaying their latest products, tours of the local facilities, and plenty of opportunities to interact with our friends and colleagues.

Please mark your calendars and plan to spend a few days in Minot!

Sincerely,
Lisa Ansley, President
North Dakota Water and Pollution Control Conference

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October 20, 21 and 22, 2009, Grand International Inn, Minot, North Dakota (701)852-3161

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A. PACKAGE REGISTRATION ($110.00)

Includes all fees for registration banquet, buffet and noon luncheons _____

PACKAGE REGISTRATION AFTER SEPTEMBER 30, 2009 ($130.00) _____

B. INDIVIDUAL COSTS IF PACKAGE FEE IS NOT SELECTED

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Name_____

Tues. Evening Buffet ($18.00) _____

Wed. Evening Banquet ($22.00) _____

☐ Spouse/guest luncheon and tour.

☐ Buffet Breakfast.

List any luncheons your spouse/ guest may wish to attend: _____

D. TOTAL REGISTRATION FEE _____

TOTAL PAYMENT DUE ☐

MAKE CHECK PAYABLE TO:

NDWPCC OR ND Water & Pollution Control Conference

E. PLEASE CHECK ALL THAT APPLY

Yes ☐ No ☐ Do you qualify as a water treatment or water distribution operator for a system serving 3,300 or less? This will determine eligibility for reimbursement.

Yes ☐ No ☐ Do you plan to participate in the golf tournament starting at 1:00 p.m. on Tuesday at the Souris Valley Golf Course?
Your average score or handicap _____.
The golf course will be charging a green and golf cart fee.

Yes ☐ No ☐ Do you plan to participate in the Trivia Night activities on Tuesday?

Yes ☐ No ☐ Do you plan to participate in the field trips to Minot municipal facilities and the NAWS High Service Pumping Station on Wednesday morning?
Transportation will be provided.

F. USE ONLY ONE NAME PER APPLICATION
(Make copies if more are needed)
(PLEASE PRINT)

Name_____

Address_____

City, State & Zip Code_____

_____
Your Name/Position/Job Title
To Be Used on Name Badge

_____

_____

Employer_____

Work Phone No._____

Fax Phone No._____

Email Address_____

G. **FOR CONFERENCE USE ONLY:**
PAID BY:

Check_____ Cash_____

Charge_____ Check No._____

2009 ANNUAL CONFERENCE ACTIVITIES

REGISTRATION

Tuesday 8:00 a.m. - 5:00 p.m.
Wednesday 8:00 a.m. - 4:00 p.m.
Thursday 8:00 a.m. - 10:00 a.m.
Hotel Lobby

MEALS

Tuesday Lunch 11:30 a.m.
Grand Ballroom

Tuesday Buffet Dinner 5:00 p.m. - 7:00 p.m.
Grand Ballroom

Wednesday Free Buffet Breakfast 8:00 a.m. - 10:00 a.m.
Sponsored by Vendors and Suppliers

Wednesday Lunch 11:45 a.m.
Grand Ballroom

Wednesday Social 5:30 p.m.
Grand Ballroom

Wednesday Banquet 6:30 p.m.
The Convention Center

Thursday Lunch 11:30 a.m.
Grand Ballroom

SPOUSE/GUEST PROGRAM

Wednesday 11:00 a.m. - 1:30 p.m.
A free spouse/guest program Wednesday October 21st, will include an 11:00 a.m. luncheon and 12:30 p.m. tour of the Point of View Winery.

FIELD TRIPS

Wednesday 10:00 a.m.
Minot Municipal Facilities and
NAWS High Service Pump Station

WATER AND WASTEWATER OPERATOR CERTIFICATION EXAMINATIONS

Tuesday 7:30 a.m. - 11:30 a.m.
Candlelite II

TABLETOP DISPLAY PROGRAM CONVENTION CENTER

Tuesday 8:30 a.m. - 5:00 p.m.
Check In at the Registration Desk

Tuesday 7:00 p.m. - 9:00 p.m.
Setup Time

Wednesday 7:00 a.m. - 7:30 a.m.
Last Chance Setup Time

Wednesday 7:30 a.m. - 11:30 a.m.
Display Hours

Wednesday 11:30 a.m. - 1:30 p.m.
Takedown Time

GOLF TOURNAMENT

Tuesday 1:00 p.m.
Souris Valley Golf Course

TEAM TRIVIA NIGHT

Tuesday 7:00 p.m. - 9:00 p.m.
Grand Ballroom

LOCAL ARRANGEMENTS COMMITTEE

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

2009 MEETING SCHEDULE

Monday

7:30 p.m.	**Preconference Meeting** North Dakota Section on the American Water Works Association (NDAWWA) Candlelite I Room

Tuesday

7:30 - 11:30 a.m.	**Water and Wastewater Operator Certification Examinations** North Dakota Department of Health Candlelite II Room
7:30 a.m.	**Officers Meeting** NDAWWA Minot Room
8:00 a.m.	**Officers Meeting** North Dakota Chapter of the American Pubic Works Association (NDCAPWA) International Room
8:00 a.m.	**Officers Meeting** North Dakota Water Environment Association (NDWEA) Maple Leaf Room
9:30 a.m.	**Officers Meeting** Joint Board of Directors of the North Dakota Water and Pollution Control Conference (NDWPCC), NDCAPWA, NDWEA, and NDAWWA Candlelite I Room
10:30 a.m.	**AWWA Committee Meetings** NDAWWA Minot Room
11:30 a.m.	**Business Meeting** NDCAPWA Grand Ballroom
1:00 p.m.	**Souris Valley Golf Course** 2400 14th Ave. SW
1:30 - 4:15 p.m.	**Concurrent Sessions** Convention Center

Wednesday

9:00 a.m.	**North Dakota Operator Certification Advisory Committee Meeting** Board Room
11:45 a.m.	**Business Meeting** NDWEA Grand Ballroom
1:30 - 4:15 p.m.	**Concurrent Sessions** Lower Banquet Center Candlelite I & II Rooms Executive Room

Thursday

7:30 a.m.	**Annual Public Works Directors and City Engineers Meeting** Candlelite I Room
8:30 - 11:15 a.m.	**Concurrent Sessions** Convention Center
11:30 a.m.	**Business Meetings** NDAWWA and NDWPCC Grand Ballroom

FUTURE CONFERENCES

2010 – Fargo, October 12, 13 and 14, Holiday Inn

2011 – Bismarck, October 11, 12 and 13, Ramkota Hotel

2012 – Minot, October 16, 17 and 18, Grand International Inn

TUESDAY, OCTOBER 20, 2009

AFTERNOON CONCURRENT SESSIONS

11:30 a.m.
Luncheon and Business Meeting, NDCAPWA
Grand Ballroom
President: Rusten Roteliuk, Presiding
Guest Speaker:

Welcome: Minot Mayor Curt Zimbelman
NDCAPWA President: Rusten Roteliuk

Session A

Norse Room of the Convention Center
Moderator: Dan Jonasson, Director, NDCAPWA

1:30 p.m. Title:	"2009 Flood Protection Lessons Learned at the Fargo WTP & WWTP"
Speakers:	Eric Dodds, Operations Manager, AE2S Bruce Grubb, Enterprise Director, City of Fargo
2:00 p.m. Title:	"Water Demands for the Oil Industry"
Speaker:	Cory Chorne, Project Manager, AE2S
3:00 p.m.	Break, Grand Ballroom
3:15 p.m. Title:	"Disinfection"
Speaker:	Delvin DeBoer, Director of Water and Environmental Engineering Research Center, SDSU
4:15 p.m.	Adjourn

Session B

Viking Room of the Convention Center
Moderator: Don Tucker, O&S Committee, NDWEA

1:30 p.m. Title:	"Wastewater Reclamation: Securing a Future for West Fargo"
Speakers:	NDSU Student AWWA/WEF Group
2:00 p.m. Title:	"China Exploration - A Cultural and Academic Experience for Engineering Students"
Speaker:	Wei Lin, Associate Professor, Civil Engineering, NDSU
3:00 p.m.	Break, Grand Ballroom
3:15 p.m. Title:	"Bismarck's Extreme Makeover"
Speaker:	John Fisher, Senior Wastewater Operations Specialist, Principal, SEH
4:15 p.m.	Adjourn

Session C

Executive Room of the Convention Center
Moderator: Eric Volk, Trustee, NDAWWA

1:30 p.m. Title:	"NAWS Moving Forward"
Speaker:	Michelle Klose, NAWS Project Manager, ND State Water Commission
2:00 p.m. Title:	"McDowell Dam Water Quality Assessment and Improvement"
Speaker:	Sherwin Wanner, Project Manager/Office Manager, Houston Engineering, Inc.
3:00 p.m.	Break, Grand Ballroom
3:15 p.m. Title:	"GIS for Municipalities"
Speaker:	Roger Grimsley, Geomatics Manager, AE2S
4:15 p.m.	Adjourn

5:00 - 7:00 p.m. Buffet Dinner, Grand Ballroom

7:00 - 9:00 p.m. Team Trivia, Grand Ballroom

WEDNESDAY, OCTOBER 21, 2009

AFTERNOON CONCURRENT SESSIONS

7:30 - 11:30 a.m. Tabletop Display Program, Convention Center
8:00 a.m. - 10:00 a.m. Free Breakfast, Grand Ballroom

11:45 Luncheon and Business Meeting, NDWEA
Grand Ballroom
President: Eric Dodds, Presiding
Guest Speaker: Chris Browning

Session A

Lower Banquet Center
Moderator: Jason Sorenson, Trustee, NDAWWA

1:30 p.m. Title:	"Falkirk Mine Water Distribution System"
Speaker:	Mike Berg, Market Leader/Project Manager, Ulteig Engineers, Inc.
2:00 p.m. Title:	"The Southwest Pipeline Project Experience with Chloramination"
Speakers:	Jim Lennington, SWPP Manager, Bartlett & West, Inc. Joe Horner, Project Manager, Bartlett & West, Inc.
3:00 p.m.	Break, Grand Ballroom
3:15 p.m. Title:	"WTP Chemical Bidding: The ND Market and Recent Impacts"
Speaker:	Brett Jochim, Chief Operating Officer AE2S
4:15 p.m.	Adjourn

Session B

Candlelite I & II Rooms
Moderator: Shawn Soehren, Secretary-Treasurer, NDCAPWA

1:30 p.m. Title:	"Sewer System Improvements, City of Northwood"
Speaker:	Karla Olson, Project Manager, Ulteig Engineers, Inc.
2:00 p.m. Title:	"Managing Energy Uses for Water and Wastewater Utilities"
Speaker:	David Brown, Senior Project Manager, AE2S
3:00 p.m.	Break, Grand Ballroom
3:15 p.m. Title:	"Industrial Pretreatment – Panel Discussion"
Speakers:	Jeff Roerick, Environmental Scientist, ND Department of Health Bill Gefroh, Lab Manager/Industrial Pretreatment Manager, City of Bismarck Steve Himmelspach, Wastewater Treatment Plant, Superintendant, City of Mandan Terry Rust, Lab/Industrial Pretreatment Coordinator, City of West Fargo Steve Lagro, Lab Manager, MVTL Laboratories, Bismarck
4:15 p.m.	Adjourn

Session C

Executive Room of the Convention Center
Moderator: Chad Zander, Director, NDCAPWA

1:30 p.m.	No Session
2:00 p.m. Title:	"NAWS Project Interoperations"
Speaker:	Kevin Martin, Principal, Houston Engineering, Inc.
3:00 p.m.	Break, Grand Ballroom
3:15 p.m. Title:	"Optimize Plant Performance with Online Analytical Equipment"
Speaker:	Eric Lehmann, Regional Manager, Hach Company
4:15 p.m.	Adjourn

5:30 p.m. Social Hour Grand Ballroom

6:30 p.m. Banquet: Convention Center
Invocation: Terry Rust
Master of Ceremonies: Bill Kolb
Entertainment: Java Jazz

THURSDAY, OCTOBER 22, 2009

MORNING CONCURRENT SESSIONS

Session A

Norse Room of the Convention Center
Moderator: Chad Miller, Secretary-Treasurer, NDAWWA

8:30 a.m. Title:	"Stage 2 DBPR Disinfectants and Disinfection Byproducts Rule-Monitoring Requirements and Compliance Determination"
Speaker:	Lydia Fewless, Environmental Scientist, ND Department of Health
9:30 a.m. Title:	"Ozone 101"
Speaker:	Perry Johnson, Senior Project Manager, AE2S
10:00 a.m.	Break, Grand Ballroom
10:15 a.m. Title:	"The Ground Water Rule"
Speaker:	Gary Stefanovsky, Environmental Scientist, ND Department of Health
10:45 a.m. Title:	AWWA Update
Speaker:	Jeffrey Zdrojewski, Vice-President AWWA, Senior Associate, Malcolm Pirnie
11:15 a.m.	Adjourn

Session B

Viking Room of the Convention Center
Moderator: Kevin Martin, O&S Committee, NDWEA

8:30 a.m. Title:	"Wastewater Panel Discussion-2009 Lagoon Issues & Observations"
Speakers:	Terry Rust, City of West Fargo Roger "Skip" Rapp, Public Works Manager, City of Dickinson Bill Gefroh, City of Bismarck Steve Himmelspach, City of Mandan Gary Bracht, Environmental Engineer, ND Department of Health
9:30 a.m. Title:	"Biosolids Improvements - City of Moorhead"
Speaker:	Karla Olson, Project Manager, Ulteig Engineers, Inc.
10:00 a.m.	Break, Grand Ballroom
10:15 a.m. Title:	"Computer Model Application in WWT"
Speaker:	Don Tucker, WWTP Superintendent, City of Grand Forks
10:45 a.m. Title:	"Camp Grafton Elevated Tower Rehabilitation"
Speaker:	Mike Berg, Market Leader/Project Manager, Ulteig Engineers, Inc.
11:15 a.m.	Adjourn

Session C

Executive Room of the Convention Center
Moderator: Dean Sletten, Director, NDWPCC

8:30 a.m. Title:	To Be Announced
Speaker:	Steve Tillotson, Assistant Director, Waste Management, ND Department of Health
9:30 a.m. Title:	"Dakota Magic Casino Cashes In!"
Speaker:	Jessica Werder, Project Manager, Wastewater Services, SEH
10:00 a.m.	Break, Grand Ballroom
10:15 a.m. Title:	"2009 Fargo Flood Fight & Future Flood Control Plans"
Speaker:	Dain Miller, Assistant Vice President, Surface Transportation & Infrastructure, Ulteig Engineers, Inc.
10:45 a.m. Title:	"Minot East Side-Valley Zone Water Distribution System Improvements"
Speaker:	David O' Shea, Operations Manager, Project Manager, Houston Engineering, Inc.
11:15 a.m.	Adjourn

11:30 a.m. Joint Luncheon and Business Meetings, NDAWWA and NDWPCC
NDAWWA Chair Joe Ferguson and NDWPCC President Lisa Ansley, Presiding
Guest Speaker: Jeffrey Zdrojewski, Vice-President, AWWA, Buffalo, NY

.

CONFERENCE HISTORY

Conference	Host City	President	President's Residence
2009	Minot	Lisa Ansley	Bismarck
2008	Bismarck	Terry Rust	West Fargo
2007	Fargo	Mark Blonigen	Fargo
2006	Minot	Tom Welle	Moorhead
2005	Bismarck	Jack Long	Bismarck
2004	Fargo	Rick Gillund	Enderlin
2003	Minot	Mike Schneider	Bismarck
2002	Bismarck	Pat Denne	West Fargo
2001	Fargo	Charles Jaszkowiak	Bismarck
2000	Dickinson	Randal Loeslie	Thompson
1999	Minot	Paul Lacina	Valley City
1998	Bismarck	Mel Bullinger	Bismarck
1997	Fargo	Wayne Tunseth	Mayville
1996	Minot	Don Olafson	Valley City
1995	Bismarck	Waide Kritsky	Jamestown
1994	Fargo	Byron Thronson	Minot
1993	Minot	Joe Manning	Fargo
1992	Bismarck	Tom Little	Mandan
1991	Fargo	Richard Wanner	Bismarck
1990	Williston	Richard Resell	Williston
1989	Minot	Dwight Wurzbacher	Grand Forks
1988	Grand Forks	Phil Furaus	Harvey
1987	Dickinson	Dale Hanson	Valley City
1986	Bismarck	Dan Boyce	Grand Forks
1985	Fargo	Lyle Weeks	Minot
1984	Williston	Kenneth Reynolds	Bismarck
1983	Minot	Dale Townsend	Carrington
1982	Mandan	Peter Bilstad	Fargo
1981	Jamestown	Don Cuskelly	Dickinson
1980	Grand Forks	Don Erikson	Watford City
1979	Bismarck	Ken Skuza	Fargo
1978	Dickinson	Gerald Zander	Mandan
1977	Fargo	Keith Cornell	Grand Forks
1976	Minot	Peter Mellmer	Bismarck
1975	Mandan	Lyle Mitzel	Wahpeton
1974	Grand Forks	Daniel Reiter	Minot
1973	Jamestown	Russell Kain	Neche
1972	Williston	John Muus	Grand Forks
1971	Fargo	Donald Wenaas	Jamestown
1970	Minot	Harry Hanson	Bismarck
1969	Bismarck	Clarence Johnson	Garrison

Conference	Host City	President	President's Residence
1968	Dickinson	Bevan Shaw	Williston
1967	Grand Forks	A.E. Forsman	Grand Forks
1966	Mandan	Alvin Mickelson	Casselton
1965	Fargo	Ken Ruby	Fargo
1964	Minot	Al Swanson	Jamestown
1963	Valley City	Carl Torkelson	Grafton
1962	Williston	Glenn Berg	Minot
1961	Jamestown	Richard Fuller	West Fargo
1960	Bismarck	Frank Orthmeyer	Grand Forks
1959	Grand Forks	Herbert Arnold	Williston
1958	Dickinson	L.W. Veigel	Dickinson
1957	Fargo	Erik Peterson	Jamestown
1956	Mandan	Edwin Ostlie	Grand Forks
1955	Williston	Paul Hays	Minot
1954	Grand Forks	C.M. Hagen	Oakes
1953	Minot	C.T. Stephenson	Jamestown
1952	Jamestown	Ed Booth	Bismarck
1951	Fargo	H.H. Behlmer	Fargo
1950	Bismarck	A.F. Hulteng	Grand Forks
1949	Dickinson	George Toman	Mandan
1948	Minot	R.J. Lockner	Cooperstown
1947	Grand Forks	John Kleven	Grand Forks
1946	Mandan	S.K. Svenkeson	Minot
1945	Fargo	F.W. Pinney	Fargo
1944	Bismarck	Dave MacDonald	Bismarck
1943	Grand Forks	Joe Morrissey	Jamestown
1942	Williston	Elmer Pearson	Minot
1941	Jamestown	R.M. Jenson	Grand Forks
1940	Wahpeton	William Nordley	Edgeley
1939	Dickinson	William Yegen	Bismarck
1938	Minot	S.S. Calvelage	Jamestown
1937	Mandan	Ora Ayliffe	Fargo
1936	Fargo	S.P. Ravnos	Mandan
1935	Grand Forks	H.T. Hintgen	Wahpeton
1934	Bismarck	W.H. Robinson	Williston
1933	Jamestown	O.N. Bergman	Valley City
1932	Minot	E.L. Lium	Grand Forks
1931	Fargo	W.P. Tarbell	Fargo
1930	Grand Forks	E.J. Thomas	Minot
1929	Bismarck	A.L. Bavone	Bismarck

National Representatives

NDWPCC 2009

Jeffrey M. Zdrojewski

Vice-President (2008 – 2010)
American Water Works Association

Jeff Zdrojewski, Senior Associate with Malcolm Pirnie in Buffalo, New York, joined AWWA in 1986, and serves as vice-president on the Board of Directors and the Executive Committee. He also serves on the Section Services Committee.

Jeff has been chair, trustee and board member of the New York Section. He has chaired the Nominating and Registration Committees and has served on a number of others including Research, Publications, Water and Wastewater Education and Outreach, Water for People and Diversity. He also belongs to the Western New York Water Works Conference and the American Academy of Environmental Engineers.

Jeff earned his Civil Engineering degree at Tri-State University.

Chris Browning

Treasurer (2009-2012)
Water Environment Federation

Chris Browning, Assistant Director of Fulton County Department of Public Works in Canton, Georgia has been a member of the Water Environment Federation since 1977. He currently serves as Treasurer for the Water Environment Federation (WEF).

Chris has been on the WEF Board of Directors since 1995. Previously, he has served as Georgia's representative to WEF's Board of Directors and the chair of the Georgia Water Environment Federation. He also has served on the WEF Executive Committee and was WEF director from 2001 to 2004. Chris is a member of the American Water Works Association and the American Public Works Association.

Chris holds a BS degree in Civil Engineering Technology from Southern Polytechnic University, a Master of Public Administration degree from Columbia University, and he is a certified operator.

Guide to Exhibitors in the Tabletop Display Program

North Dakota Section of the American Water Works Association Water Taste 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

North Dakota Sewage Pump Co. Jim Hughes
1740 Main Ave E, #3 701-282-6760
West Fargo, ND 58078 FAX 701-282-3579
ndstinker@ideaone.net
We sell and service all makes of wastewater pumps, controls, and all lift station-related items. We have been in business since 1973, and we are the area distributors for ABS and Goulds wastewater equipment. We specialize in annual service contracts to municipal, state and industrial lift stations. We have fully equipped pump service rigs available around the clock and currently sell and service equipment in North Dakota, South Dakota, Minnesota and Montana.

Tech Sales Co. Abraham Salamzadeh
311 44th St W 701-823-8238
Minneapolis, MN 55409 FAX 701-823-4272
salamzadeh@techsalesco.com
Tech Sales Co. specializes in level, flow, sampling, analytical instrumentation, odor control and gas dectection products.

Advanced Drainage Systems Kris Sayne
6582 Co Rd 4W SW 320-219-8138
Alexandria, MN 56308 FAX 206-309-5210
kris.sayne@hancor.com
ADS provides water management products for sanitary and storm applications.

Northern Water Works Supply Jud Hamby
1917 1st Ave N 701-293-5511
Fargo, ND 58102 FAX 701-232-8129
jhamby@nwws.biz
We provide water and sewer distribution products; irrigation systems; E-One sewer pumps; geotextiles; polyethylene pipe; fusion equipment; locators; safety equipment; and water meter systems, installation and repair services. We have branch offices in Fargo and Bismarck, N.D.; Blaine and Sartell, Minn.; DeKalb, Ill.; and Madison, Wis. We supply products and services to both of the Dakotas, Minnesota, Western Wisconsin, Iowa and Northern Illinois.

Bartlett & West Inc. Joe Bichler
3456 E Century Ave 701-258-1110
Bismarck, ND 58503 FAX 701-258-1111
joe.bichler@bartwest.com
Formed in 1951, Bartlett and West is an employee-owned, multi-discipline professional engineering firm that consistently ranks as one of ENR's Top 500 Design Firms. The firm employs 300 personnel in offices in North Dakota, South Dakota, Iowa, Kansas, Missouri, and Texas. The Bismarck office has grown to 44 staff members, comprised of North and South Dakota natives. Along with growth in employees, the office has expanded the services offered and broadened the type of clients served. The office currently provides clients with professional services for municipal projects, land development projects, rural and regional water projects, and irrigation projects in North and South Dakota. In addition to professional engineering services, Bartlett and West's specialties include global positioning system surveys, geographical information systems, large water transmission pipeline design and construction inspection, water main design, hydraulic modeling, construction inspection and administration, environmental assessments, water source investigations, water storage tank design, and water pump station design.

Hach Company Eric Lehmann
4119 Hall St 605-593-1241
Rapid City, SD 57702 elehmann@hach.com
Hach Company manufactures and distributes analytical instruments and reagents used to test the quality of water and other aqueous solutions. Our systems are designed to simplify analysis.

Tonka Equipment Company Todd Butz
13305 Watertower Cir 763-559-2837
Plymouth, MN 55441 FAX 763-559-1979
czehrer@tonkawater.com
Tonka Equipment Company creates customized water treatment systems for municipalities across the United States and abroad. Our designs provide engineers cost-effective solutions for the most challenging surface and ground water problems. Tonka's Simul-Wash™ combined air/water backwash system provides superior media cleaning while reducing backwash water volume by 50 percent. Tonka provides solutions for iron, manganese, arsenic, radium and nitrate removal through our broad range of products.

Schwab Vollhaber Lubratt Brian Peterson
4600 Churchill St 651-415-2548
Shoreview, MN 55126 FAX 651-255-1939
brianp@scl.com
SVL represents the Danfoss Aqua series variable frequency motor speed control specifically designed for the water and wastewater applications and provides on-board automation capabilities.

ABM Equipment & Supply Steve Bergeron
333 2nd St NE 800-229-5951
Hopkins, MN 55343 FAX 952-938-5451
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ABM Equipment & Supply offers a complete line of truck equipment to the utility, municipal, refuse, recycling and

construction industries. Products include aerial lifts, fiberglass and steel service bodies, hydraulic tools, pressure diggers, snow blowers, asphalt patchers, combination sewer cleaners, sewer jetters, sewer televising equipment, street sweepers, knuckle boom cranes, stick boom cranes, rear loaders, roll-offs, refuse carts, recycling bins, recycling bodies, trailers and on-board scales. ABM offers sales, rental service and field service for these industries, call 1-800-229-5451.

Electric Pump, Inc. Tim Miller
200 W 88th St, Ste 1 952-884-5394
Bloomington, MN 55420 FAX 952-884-3239
timm@electricpump.com
Distributor of pumps, controls, and water and wastewater treatment products.

Northern Dewatering, Inc. Steve Martin
14405 Northdale Blvd 763-428-2616
Rogers, MN 55374 FAX 763-428-2671
info@northerndewatering.com
Pumps and pumping services; planned and emergency bypass pumping; well and wellpoint dewatering; electric and engine-driven trash pumps 4”-16”; clear water & solids handling submersible electric pumps 1 hp - 110 hp; hydraulic pumps with portable power units 2”-24”; generators 12 kw-300 kw; pumping accessories; hose, HDPE piping, wellpoint systems, valves, pump floats and road ramps, pump sales/pump rentals/pumping services.
www.northerndewatering.com

Flexible Pipe Tool Co. Nate Petron
30577 Pearl Dr 320-363-7552
St. Joseph, MN 56374 FAX 320-363-7882
flexiblepipe@qwestoffice.net
Sales and service of sewer cleaning and inspection equipment. Represent Aquatech, Aries and Screco Flexible in Minnesota, North Dakota and South Dakota.

Engineering America, Inc. Matt Fritze and Rob Gravatt
647 Hale Ave N 651-777-4041
Oakdale, MN 55128 FAX 651-777-5312
mfritze@engamerica.com
Engineering America, Inc., sells and constructs equipment for municipal water and wastewater needs. Engineering America, Inc., will act as principal contractor for the erection of liquid storage tanks and as a supplier of process equipment.

North Star Cover-All Troy Jurek
19500 County Rd 142 877-259-1528
South Haven, MN 55382 FAX 320-259-0087
tjurk@northstarvoverall.com
Cover-All Building Systems, Inc., is the leading manufacturer of steel-framed, engineered fabric buildings with a worldwide dealer network. Cover-All Buildings are available in clear-span widths up to 300 feet and are pre-engineered to meet structural requirements. The quality of our products has taken Cover-All into agricultural, industrial, commercial and residential markets, and Cover-All continues to provide innovative building solutions for an ever-expanding number of applications. Behind each Cover-All Building is a worldwide team of dedicated professionals, an ISO 9001:2000 certified manufacturing facility, and continual investment in product research and development.

S. Roberts Company Stephen Roberts
17395 Ada Ct 952-949-2655
Eden Prairie, MN 55347 FAX 952-949-6808
srobertsco@comast.net
Manufacturer’s representative specializing in membrane treatment for water, wastewater and re-use.

American Flow Control Rick Wanner
American Ductile Iron Pipe 952-469-1100
21695 Highview Ave FAX 952-469-3311
Lakeville, MN 55044 rwanner@acipco.com
American Flow Control manufactures the American Darling and Waterous fire hydrants, AFC resilient wedge gate valves, check valves, fittings and Trench Adapters. Wea re known as one of the highest quality manufacturers in the industry.

KLM Engineering, Inc. Shawn A. Mulhern
PO Box 897 651-773-5111
Lake Elmo, MN 55042 FAX 651-773-5222
smulhern@klmengineeringinc.com
KLM Engineering, Inc., Lake Elmo, Minnesota is a structural engineering and inspection firm staffed by experienced, registered professionals. KLM’s staff has more than 150 years of experience in the welding and painting industry and employs one of the largest certified NACE coatings, AWS welding and API-653 inspections staffs in the nation. Since our beginning in 1995, KLM has successfully completed more than 450 projects. KLM responsibilities include assisting in drawing reviews, reviewing welder certifications, performing in-shop weld and coating inspections, weld inspections during tower construction, coating inspections during field painting, attending pre-construction meetings, progress meetings and performing warranty inspections.

MVTL Laboratories Steve Lagro
1411 S 12th St 701-258-9720
Bismarck, ND 58504 FAX 701-258-9724
slagro@mvtl.com
Minnesota Valley Testing Laboratories (MVTL) was established in 1951 in New Ulm, Minnesota. Branch laboratories were added in Nevada, Iowa in 1967 and Bismarck, North Dakota in 1977. MVTL is privately owned by Thomas R. Berg.

moore engineering, inc.
West Fargo, ND 701-282-4692
Fergus Falls, MN 218-998-4041
www.mooreengineeringinc.com
CONSULTING ENGINEERS AND LAND SURVEYORS

Our Bismarck laboratory provides inorganic chemistry, field sampling services, and coal quality and overburden analyses. MVTL provides a broad range of services to industry and federal, state and local governments in areas of dairy, food, agribusiness, environmental monitoring, pollution control, regulatory compliance monitoring, and industrial process control. Each facility is well equipped and staffed with qualified technical personnel.

AE2S Charles Vein & Steve Burian
2016 S Washington St 701-746-8087
Grand Forks, ND 58201 FAX 701-746-0370
sarah.volk@ae2s.com

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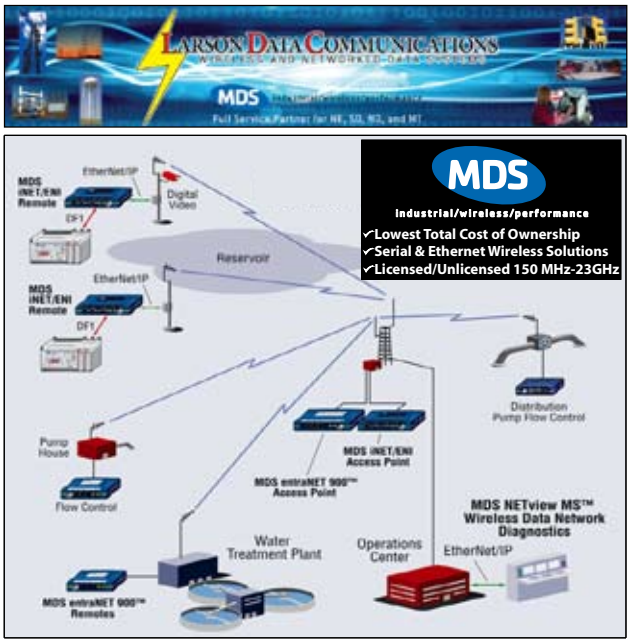

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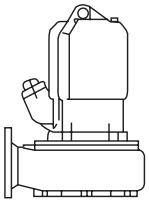

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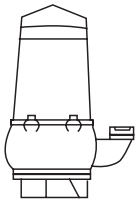

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The TTT courses will be held on September 29 at the Expressway Inn and Suites, 4303 17th Avenue South, Fargo; October 1 at the Public Safety Center, 1220 South 52nd Street, Grand Forks; October 6 at Fraine Barracks, Building 400, Bismarck; and on October 8 at the Sleep Inn, 2400 10th Street SE, Minot. The TTT will be conducted from 9 a.m. to 5 p.m. A maximum of 30 students will be accepted for each TTT.

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For more information, contact Ken Jarolimek or Bruce Buchholtz at the North Dakota Department of Emergency Services, 701-328-8100 or 800-773-3259 or by email at kjarloim@nd.gov or bbuchholtz@nd.gov.

Introduction
This year's Capacity Development Program Report for state fiscal year 2009 (FY09) verifies that ongoing implementation of both new and existing water system capacity strategies continues and program goals are being met.

The North Dakota Department of Health meets all FY09 reporting requirements as it pertains to the Safe Drinking Water Act (SDWA), section 1420 (c), and the withholding of Drinking Water State Revolving Loan Fund (DWSRF) allotments.

The Capacity Development Program Report documenting ongoing implementation of new and existing capacity strategies in FY08 was completed and submitted to the U.S. Environmental Protection Agency (EPA) Region VIII on July 30, 2008. The FY08 report received EPA approval resulting in no FY09 DWSRF funds being withheld.

Authorization
No statutory and/or regulatory changes requiring a new Attorney General's opinion were made to North Dakota's New and Existing Capacity Program Strategies in FY09.

New Systems Program
The department requires all new community water systems (CWSs) and new non-transient non-community water systems (NTNCWSs) to demonstrate financial, managerial and technical capability (capacity) prior to commencing operations. The New Water System Capacity Assessment Manual outlines the regulations and legal authority the department has to administer a capacity assurance program.

The department continues to require that plans and specifications be submitted to the Division of Municipal Facilities (DMF) for review and that a Letter of Approval be issued by the DMF before operations commence.

Plans and specifications and the Letter of Approval represent the primary control points in the new water system capacity assurance process. No modifications have been made to North Dakota's control points in FY09.

No new water system applications were received in FY09. No New Water System Capacity Assessment Manuals were requested in FY09.

Existing Systems Program
The North Dakota Existing Water System Capacity Strategy details the steps taken to implement and maintain a capacity program aimed at assisting all North Dakota public water systems (PWSs) to acquire and maintain capacity. Factors encouraging and impairing capacity remain the same. Enhancements include federal funding, DMF administration, department primacy and stakeholder involvement. Impairments continue to be small systems, declining rural populations, limited funding, lack of technical ability, operator turnaround, reluctance of system owners/managers to implement changes and the complexity of SDWA requirements.

(Continued on page 34)

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North Dakota continues to use pertinent existing DMF programs to identify PWSs that lack capacity and are in danger of becoming a compliance problem. The point system developed for the existing system strategy utilizes SDWA compliance data, operator certification deficiencies, inspection reports and laboratory past due accounts to evaluate system capacity. PWSs accumulating 10 points or more and having the greatest impact on public health are prioritized beginning with the highest number. PWSs with a history of significant noncompliance (SNC) automatically receive 10 points making them candidates for immediate assistance.

North Dakota's predominant compliance problem continues to be monitoring violations under the Total Coliform Rule (TCR) and TCR maximum contaminant level (MCL) exceedances. Fifty-nine PWSs had "failure to monitor" violations, 12 exceeded the TCR MCL, and three systems received both violations. Currently, there are 72 systems without properly certified operators in either water treatment and/or water distribution. Other SDWA rule violations that affect capacity are addressed through the DMF's Drinking Water Program.

Forty-seven CWSs, nine NTNCWSs and 66 transient non-community water systems (TNCWSs) have received assistance and returned to compliance. Eleven of these systems received assistance in FY09 with three already returning to compliance. Five of the remaining systems are scheduled to return to compliance in September 2009, and last three by March 2010 if no further violations occur.

As of June 30, 2009, 109 (87%) of the previously assisted systems are in compliance. Five of the 47 CWSs and ten of the 66 TNCWSs needed additional assistance because of repeat violations.

DWSRF 2 percent set-aside funds were again used to contract with the Midwest Assistance Program (MAP) for technical assistance. MAP continues to provide the department completed self-evaluation questionnaires and capacity attribute evaluations. Eight CWSs and three TNCWSs have received assistance in FY09. The current contract runs through December 31, 2009.

The department will continue to work with MAP to assist systems with capacity improvements. A new contract has been developed to aid in these efforts. This contract is being used for a capacity assessment follow-up project, compliance with the Stage 2 Disinfectants and Disinfection Byproduct Rule and a financial/rate assessment development project, which will extend their services through 2010.

Future Follow Up

The department will continue to measure capacity improvements by using the state Quarterly Violations & SNC Summary, the operator certification compliance report, the PWS inspections report, and by monitoring new systems activity. The department encourages a collaborative effort which promotes safe drinking water, public health and quality of life.

Stakeholder involvement continues to be a key element in program success. Professional organizations, technical assistance providers, DMF staff, and other governmental agencies continue to provide expertise and timely assistance. To further promote stakeholder involvement, a copy of this report and the triennial report to Governor John Hoeven were published in the *Official Bulletin*, official publication of the North Dakota Water and Pollution Control Conference. A news release notifying the public of the availability of the FY08 Governor's Report was also provided. *The Governor's Report* along with the *New Water System Capacity Assessment Manual* and the *North Dakota Existing Water System Capacity Strategy* are available on the department web site at: http://www.health.state.nd.us/MF/.

Summary

North Dakota's new and existing water system capacity strategies continue to meet program goals. All FY09 reporting requirements have been met. There were no new water system applications received. The department has provided no new water system capacity information to additional systems. A contract for additional capacity assistance was executed in FY09, and follow up assistance in FY10 is anticipated.

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North Dakota's ongoing strategy has identified 123 of 515 PWSs requiring capacity assistance, with 109 currently in compliance. Sixty-eight systems received state TCR SNC violations (41 CWSs, one NTNCWS, and 26 TNCWSs) in FY09 with 38 returning to compliance prior to becoming a capacity problem. Eleven noncompliant PWSs (eight CWSs and three TNCWSs) were targeted for capacity assistance in FY09. Two of the eight CWSs have returned to compliance and the six remaining should return to compliance in September 2009 and March 2010, respectively. Also, one of the three TNCWSs returned to compliance after receiving assistance.

The majority of the PWSs with recent repeat violations are TNCWSs. The majority of PWSs targeted through FY09 have been TNCWSs where drinking water is a minor part of their overall operation. The common problems with these systems are they are very small, have only been in operation for a fraction of the year, and operations are poorly funded. The department feels this will continue to be an ongoing problem that cannot be fully addressed.

The department will continue to monitor existing PWSs, while providing consultation, training and financial recommendations prior to systems developing enforcement problems. Implementation of new SDWA regulations that affect existing system capacity will be evaluated. Any modifications resulting from these regulations will be detailed in future reports.

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Minutes of the Joint Board Meeting

May 20, 2009

A meeting of the Joint Board of Directors of the North Dakota Water and Pollution Control Conference (NDWPCC); North Dakota Water Environment Association (NDWEA); North Dakota Chapter of the American Public Works Association (NDCAPWA); and North Dakota Section of the American Water Works Association (NDAWWA) was held May 20, 2009 in the Cutty Sark Room of the Seven Seas Inn of Mandan, N.D. The meeting was called to order at 10:30 a.m. by NDWPCC President Lisa Ansley. President Ansley asked those in attendance to introduce themselves and asked that they sign the attendance sheets being circulated. Copies of the meeting's agenda and the NDWPCC financial report from January 1, 2009 through April 30, 2009 were distributed to the attendees. The following board members and guests were present: Kevin Bucholz, Sarah BaeHurst, Shawn Soehren, Darin Schaeffer, Bill Gefroh, Gary Bracht, Joe Ferguson, Greg Wavra, Chuck Abel, Karla Olson, Tara Ritter, Larry Thelen, Roger "Skip" Rapp, Eric Dodds, Don Tucker, Meredith Quinn, Dan Jonasson, Rusten Roteliuk, Seth Lynne, Tim Paustian, Lisa Ansley and Chad Miller.

President Ansley called for a motion to dispense with the reading of the minutes from the January 2009 Joint Board Meeting, which were mailed to all members. Joe Ferguson made a motion to approve the minutes, Chuck Abel seconded, and the motion carried.

Next, President Ansley gave the Treasurer's Report. President Ansley reported that between January and May of 2009, the Conference had a total income of $83,726.93 and expenses totaling $74,801.64, giving the Conference a net income of $8,925.29. She also stated the checking account totaled $22,258.76; the money market account $8,155.15; the certificate of deposit $24,233.09; and there was $238.31 in petty cash, giving the NDWPCC total assets of $54,885.31. The Conference also has $1,877.00 in un-deposited funds. Skip Rapp moved to approve the Treasurer's report, Eric Dodds seconded, and the motion carried.

President Ansley continued on to the first item of old business, the Grand Forks Host Proposal. She stated the new proposal for the 2013 conference is now $2,825.50, considerably less than the past quote of approximately $6000. She also said Hazel Sletten indicated Grand Forks Public Works would be able to donate approximately $1000 to help cover some of the costs. The visitor's bureau also will double its previous donation of $750 and donate $1500. She said there are 140 rooms available, and the hotel is looking to add another tower, doubling the capacity and number of rooms that will be available for the conference. Mr. Ferguson noted there is a new hotel being constructed near the Canad Inn, and hotel rooms will not be a problem. President Ansley asked for attendees' thoughts. Mr. Rapp stated he was in favor of the idea. Sarah BaeHurst questioned the room rates for the hotel. Chad Miller stated current projections were $91 at the Canad Inn, and other hotels were around the same price, within $5 to $10. Mr. Dodds then shared he has heard very good comments on the Canad Inn and Alerus Center as a great facility for conferences and meetings. Mr. Ferguson also voiced his support for Grand Forks hosting the conference. Chuck Abel moved to have Grand Fork host the 2013 Conference as a one-time agreement, with the option of adding Grand Forks to the rotation (to be determined after the 2013 meeting). Joe Ferguson seconded, and the motion carried. Bill Gefroh made a motion for Fargo to host in 2014, Skip Rapp seconded, and the motion carried. Further discussion continued regarding the future rotation of host cities, with the recommendation that host sites be reserved five years in advance.

Continuing with old business, President Ansley stated that Mike Brisben would like a list of conference topics and presenters by no later than June 1, 2009. Mr. Rust commented that a topic on this year's flooding and recovery would be a great item for the conference. President Ansley noted that NDAWWA will continue to cover one day of presentations. Mr. Dodds also suggested that the topic of stimulus funding could be helpful.

(Continued on page 39)

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President Ansley called for any other old business. Hearing none, President Ansley asked Mr. Miller to give a report on this year's spring training sessions. Mr. Miller reported there were three water treatment and distribution sessions, two wastewater sessions, and that a fourth water session was cancelled due to a spring blizzard. There were a total of 227 attendants for the sessions, compared to 276 last year. He also stated there were 135 tests written with a passing rate of 74 percent; compared to 80 percent in 2008.

Continuing with new business, President Ansley commented on preparation for the 2009 conference. She stated there will not be a casino trip offered this year, due to consecutive losses in 2007 and 2008. Those wishing to go will have to find their own transportation. She also noted that the local arrangements committee will decide on the spouse/guest program for Wednesday at the next committee meeting. President Ansley stated there is room for 49 booths for the tabletop exhibitor program. She also mentioned the Grand Ballroom is completed and will be used for all breaks and meals except the annual banquet. She said the room rates will be $60 per room, and there are 70 rooms available for Monday and 150 rooms available for Tuesday and Wednesday. President Ansley noted that the welcome and luncheon schedule is as follows: NDCAPWA will provide the welcome and have its business meeting Tuesday; NDWEA will meet Wednesday; and NDAWWA and the Conference will have the joint meeting on Thursday.

President Ansley called for any other new business. Hearing none, she entertained a motion for adjournment. Rusten Roteliuk made a motion to adjourn, Terry Rust seconded, and the motion carried. The meeting adjourned at 10:55 a.m. The NDWEA can be thanked for the refreshments and noon luncheon.

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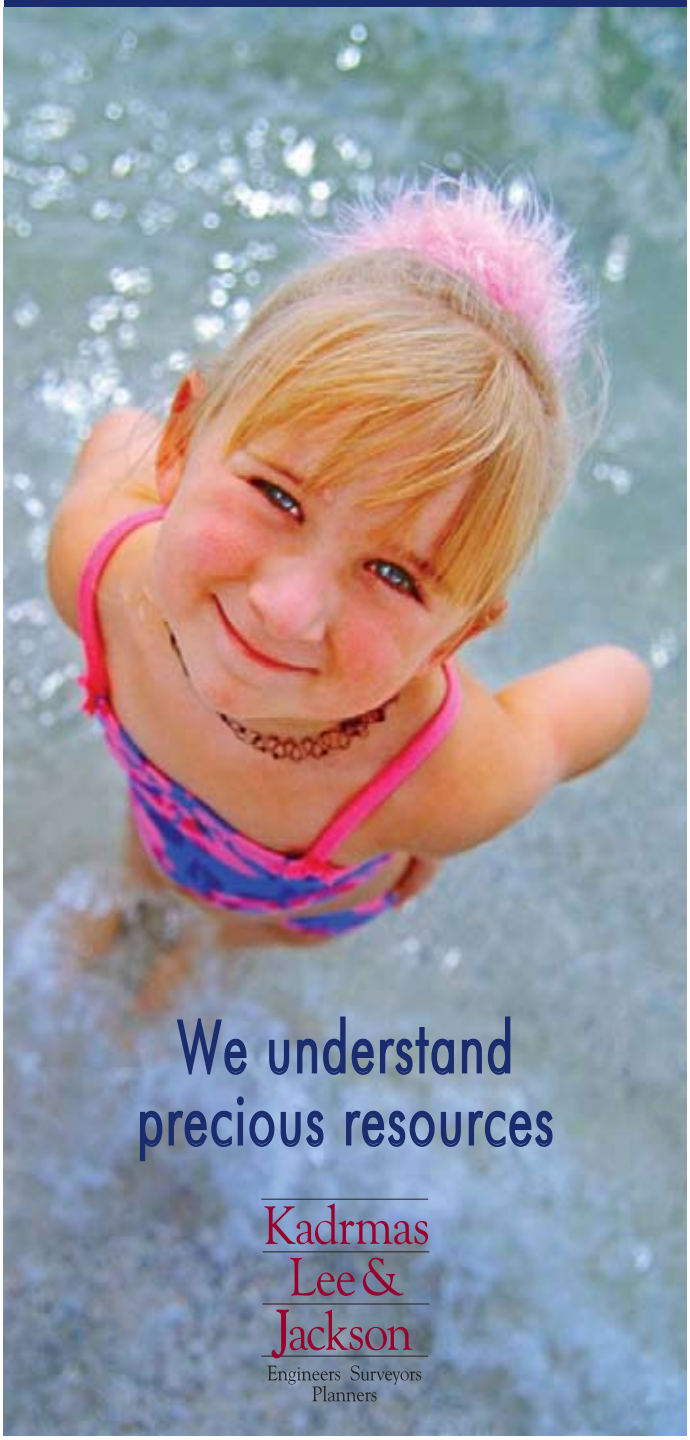

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Minutes of the Board of Trustees Meeting
North Dakota Section of the American Water Works Association

May 20, 2009

The spring meeting of the North Dakota Section of the American Water Works Association was held at the Seven Seas Inn and Conference Center of Mandan, N.D. on May 20, 2009. Present at the meeting were Chair Joe Ferguson; Chair-elect Duane Friesz; Trustees Eric Volk and Tim Paustian; Secretary/ Treasurer Chad Miller; Assistant Secretary Treasurers Larry Thelen and Greg Wavra. Others attending the meeting were Lisa Ansley, Meredith Quinn, Tara Ritter and Jim Lennington.

The meeting was called to order at 8:02 a.m. by Mr. Joe Ferguson, and introductions were made.

Secretary's Report

The first item on the agenda was the secretary's report given by Mr. Chad Miller; this consisted of the distribution of the minutes from the January 2009 board meeting. Mr. Duane Friesz moved to approve the minutes of the past meeting, and Mr. Eric Volk seconded. The motion passed.

Treasurer's Report

Next, the treasurer's report was given by Mr. Greg Wavra. Mr. Wavra stated that from January 1, 2009 to May 19, 2009, the section had an income of $23,375.35 and expenses totaling $19,150.12, giving the section a net profit of $4,225.23. He also stated the section has $42,259.27 in the checking and money market accounts combined. The section has $80,000 in CDs, giving $122,259.27 in total assets. Mr. Paustian moved to approve the report, and Mr. Volk seconded it. The motion passed.

Committee Reports

Ms. Meredith Quinn took some time to discuss the Education and Research Committee's recent activities. She mentioned the deadline for the scholarship was Friday, May 15, and requested volunteers to judge the applications. Mr. Tim Paustian, Mr. Ferguson and Mr. Volk volunteered. There are two students eligible for the scholarship, and both attend NDSU.

Next, Ms. Quinn discussed the University of North Dakota's aspiration to develop a recognized student chapter. There was some discussion on the wording in the recognition letter. Liability issues were also discussed. Mr. Duane Friesz moved to recognize UND's student chapter as a chapter associated with the North Dakota section of American Water Works Association. Mr. Paustian seconded, and the motion passed. Ms. Quinn, with the aide of Mr. Paustian, will draft a recognition letter for UND and the section to approve and sign.

Ms. Quinn also took some time to discuss this year's cancelled science fair and the participants. Because the fair was cancelled, students were unable to present their projects. Therefore, their projects were judged on a short paper submission. Mr. Paustian and Karla Olson were judges for the drinking water papers.

Ms. Quinn also mentioned that Rick Gillund, the public water system operator from Enderlin, will submit the city's water for this year's AWWA Water Taste Test to be held at the Annual Convention in San Diego, California. Enderlin won last year's North Dakota AWWA drinking water taste contest at the North Dakota Water and Pollution Control Conference.

Next, Mr. Ferguson commented on Water for People. He mentioned that the city of Grand Forks put together a loose change donation program that was held during Drinking Water Week, May 3 through 10, 2009. They collected $41.20 through the donation period. Mr. Ferguson challenged other utilities to try the same next year.

The Public Relations Committee took some time to discuss past and upcoming activities. Ms. Quinn spoke on behalf of Hazel Sletten. She mentioned Ms. Sletten would like the board, trustees and committee members to put together a short narrative for an email news article. She suggested articles on the membrane

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conference, a regulatory topic and a featured operator and facility. She mentioned she would like these articles by June 30, 2009.

Director's Report
Next, Ms. Lisa Ansley gave the director's report. She spoke about a meeting in Tucson, Ariz., which Mr. Jack Long and she attended. She mentioned that she will be attending this year's annual conference and exposition (ACE) where she will take on the role of director for the North Dakota section. Mr. Ferguson noted his appreciation for the time and effort Mr. Long put into this year's legislative updates and thanked him.

Nominating Committee Updates
Each committee gave updates on its progress. The trustee committee still needs to narrow down candidates. The Fuller Award committee has completed its tasks and the Operator Meritorious committee has yet to narrow down potential candidates.

Fly-In
Some time was taken to discuss this year's Fly-in to Washington, D.C. This year, the two participants were unable to attend due to flooding in the state. It was mentioned that the section should develop an alternate list of participants for next year.

RMSO
This year's Regional Meeting of Section Officers (RMSO) held in Toronto, Ontario was discussed. Mr. Volk and Mr. Paustian attended the meeting. Each commented on how the meeting was well received and very informative. Mr. Paustian mentioned that the resignation of Gary Zimmerman was again brought up at the meeting and again little was mentioned. Mr. Paustian also discussed ACE, the problems with the database, strategic planning and this year's budget. It was also stated that next year's RMSO will be held in Minnesota, and a host city is still unknown.

Membrane Workshop
Next, time was taken to discuss this year's membrane workshop. Ms. Quinn and Mr. Larry Thelen made several comments. There were approximately 120 attendees which doubled predicted numbers. The conference brought in a net gain of approximately $1500 for the section. The committee will refund registration fees for those operators who prepaid and could not attend due to flooding and also will refund the speakers' registration fees. Mr. Friesz commented on the good preparation efforts by the conference committee and the excellent outcome of the conference.

Strategic Planning
Time was taken to discuss the Strategic Planning meeting held in Grand Forks last February. Mr. Miller distributed the minutes of the meeting written by Ms. Sletten. Several compliments were made on the meeting.

Affiliation Agreement
Next, Ms. Ansley discussed the Affiliation Agreement that will need to be signed by the section and the association. She stated the agreement will have little effect on the North Dakota section. It is aimed more toward those sections that take higher risks with organization activities. Ms. Ansley suggested signing the agreement today. Mr. Volk made a motion to have Mr. Ferguson sign the document, and Mr. Friesz seconded. The motion passed, and Mr. Ferguson signed the document.

WARN
Mr. Wavra took time to discuss the Water and Wastewater Agency Response Network (WARN). He stated that there are 10 current providers and eight others considering signing on. He mentioned he participated in numerous meetings with facilities getting the word out and trying to obtain more participation. He stated the current members will meet Thursday May 21, 2009 to elect board members.

North Dakota Water and Pollution Control Conference
Next, the board discussed the upcoming North Dakota Water and Pollution Control Conference and the need to find speakers by June 1, 2009 to cover four hours of lecture. Dr. Delvin DeBoer was recommended and he likely would cover two hours. The section still needs to fill the remaining two hours and notify Mr. Mike Brisben of the North Dakota Water and Pollution Conference.

ACE 2009
The upcoming ACE convention was discussed. David Bruschwein will be receiving the Fuller Award and the Charles Miller Award. It was also mentioned that Mr. Steve Burian will be receiving the Honorary Membership Award at the conference. Several members will be attending this year's ACE including:

Lisa Ansley, Joe Ferguson, Jack Long, David Bruschwein and Tim Paustian.

Miscellaneous
Mr. Volk mentioned "Drinking Water Days" which was part of last year's state fair and will be a part of this year's state fair and also the Red River Valley Fair. Participation by the section at each fair was discussed. Mr. Volk said he would follow up and get more details for the section's participation.

It was also mentioned that the audit committee will need to schedule a meeting before or during this year's Water and Pollution Control Conference to complete the annual audit.

Mr. Paustian moved for adjournment, and Mr. Volk seconded. The motion passed, and the meeting adjourned at 10:02 a.m.

Respectfully Submitted,
Chad Miller
Secretary/Treasurer
NDAWWA

Jim Mahony
Area Sales Manager
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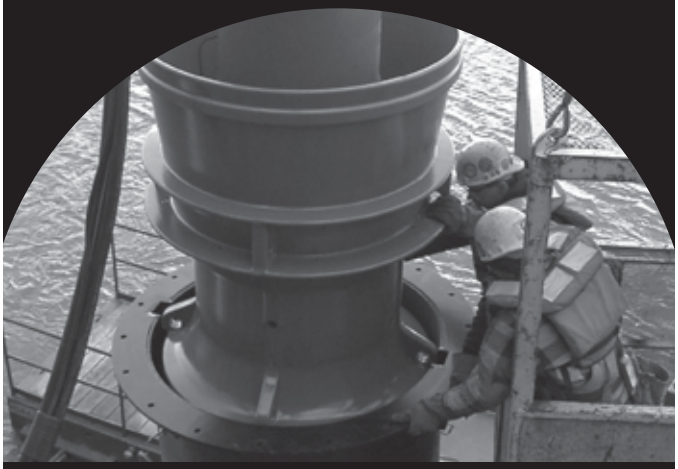
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Minutes of the APWA ND Chapter Executive Committee Meeting

May 20, 2009

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

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

III. MINUTES:
Chuck Abel requested an amendment to the minutes dated January 21, 2009 to add Dale Heglund to the members present.
MOTION BY: Dan Jonasson
SECONDED BY: Kevin Bucholz
To approve the minutes dated January 21, 2009 as presented with the addition of Dale Heglund to the members present.
DISPOSITION: Motion carried unanimously.

IV. TREASURER'S REPORT:
MOTION BY: Kevin Bucholz
SECONDED BY: Sarah BaeHurst
To accept the Treasurer's report as presented.
DISPOSITION: Motion carried unanimously.

V. DELEGATE REPORT:
The next meeting will be held in late April and will be in Colorado.
Stimulus Project – Wastewater and drinking water projects are all allocated and are moving forward. There are lots of people available to speak or train; we just need to ask. The North Dakota Chapter retained 100 percent of its new members for 2008.

VI. COMMITTEE REPORT:
None.

VII. OLD BUSINESS:
North Dakota Water and Pollution Control Conference Sessions: We need to have topics and speakers by June 1. Kevin Bucholz can get speakers on water and flooding issues from the eastern part of the state. Chuck Abel will talk to Mike Brisben about setting up a "flood day." Dan Jonasson suggested a presentation regarding GIS, and Rusten Roteliuk suggested a talk about the depot restoration. Send any other topics to Mike Brisben with the name, topic, contact and length of time (30 minutes or one hour).

VIII. NEW BUSINESS:

1. Project of the Year Awards: We need to contact consultants for more projects. Kevin Bucholz will send an email to consultants requesting additional projects. He will give them a couple of weeks to respond and will then email information on the projects out to the members.

2. Drinking Water Week: This event occurred the first week in May, and the photo was published in Bismarck, Minot, Fargo and Grand Forks. We will pay one quarter of the advertising bill.

3. National Public Works Week – May 17-23, 2009: The governor had to cancel the photo session for the week of May 17 as there were several flood issues to address. They have rescheduled for June 15 at 11 am.

4. Nomination of 2010 Executive Committee by President Rusten Roteliuk

5. Other: Deon Stockert has moved out of state; therefore, we will need to add two directors this fall.

MOTION BY: Sarah BaeHurst
SECONDED BY: Chuck Abel
To appoint Roger Grimsley to replace Deon Stockert. Roger works for Advanced Engineering in the Grand Forks office.
DISPOSITION: Motion carried unanimously.

IX. ADJOURNMENT:
MOTION BY: Dan Jonasson
SECONDED BY: Sarah BaeHurst
To adjourn the meeting.
DISPOSITION: Motion carried unanimously.

Submitted by:
Shawn Soehren
Secretary/Treasurer

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❑ 10,001 – 25,000	4	$ 452	$ 480
❑ 25,001 – 50,000	6	$ 678	$ 720
❑ 50,001 – 100,000	10	$1130	$1200
❑ 100,001 – 300,000	16	$1808	$1920
❑ 300,001 – 500,000	20	$2260	$2400
❑ 500,001 – 1,000,000	26	$2938	$3120
❑ More than 1,000,000	30	$3390	$3600
❑ Federal Agency	50	$5650	$6000

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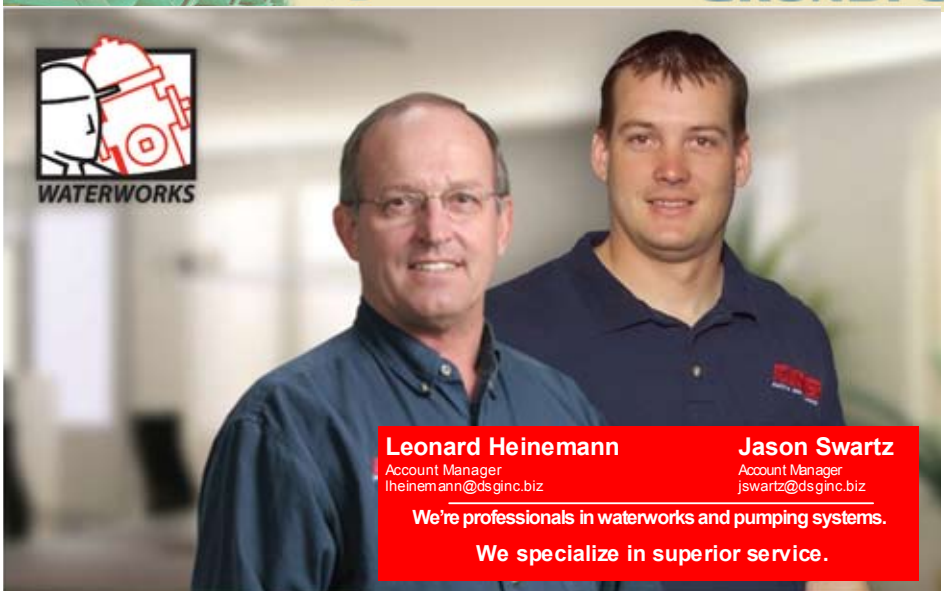

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Consumer Confidence Reports	LeeAnn Tillotson	701-328-5293
Disinfectant/Disinfection Byproducts Rule (TTHM, HAA5) Stage 1 and Stage 2 Rule	Lydia Fewless	701-328-5221
Filter and Backwash Recycle Rule	Gary Stefanovsky	701-328-5287
Fluoride Addition	Katie Luther	701-328-5258
Groundwater Rule	Gary Stefanovsky	701-328-5287
Inspections: Northeast	Gregg Stewart	701-328-6621
Inspections: Northwest	Bob Markhouse	701-328-6623
Inspections: Southeast	Chad Miller	701-328-6375
Inspections: Southwest	Darin Billing	701-328-6624
Lead and Copper Rule	Katie Luther	701-328-5258
Surface Water Treatment Rule: Interim Enhanced, Long Term 1 Enhanced, Long Term 2 Enhanced	Greg Wavra	701-328-5224
Microscopic Particulate Analysis (MPA)	Gary Stefanovsky	701-328-5287
Nitrate/Nitrite Program	Katie Luther	701-328-5258
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Operator Expense Reimbursement	Tara Ritter	701-328-5269
Operator Training	Mike Brisben	701-328-6622
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Primary and Secondary Inorganics	Lydia Fewless	701-328-5221
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Radionuclide Rule: Gross Alpha, Total Radium, Uranium	Lydia Fewless	701-328-5221
Total Coliform Rule	Jeni Walsh	701-328-5231
Unregulated Contaminant Monitoring	LeeAnn Tillotson	701-328-5293
Volatile Organic Chemicals (VOCs)	Lydia Fewless	701-328-5221
Central Phone: 701-328-5211		**Fax: 701-328-5200**

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Biosolids	Marty Haroldson Gary Bracht	701-328-5234 701-328-5227
Construction Stormwater	Dallas Grossman Cory Lawson	701-328-5242 701-328-5244
Dewatering and Hydrostatic Testing	Marty Haroldson	701-328-5234
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Industrial Stormwater	Randy Kowalski Cory Lawson	701-328-5239 701-328-5244
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Lagoon Overflows/Releases/Spills	All Staff	701-328-5210
MS4 Stormwater	Randy Kowalski	701-328-5239
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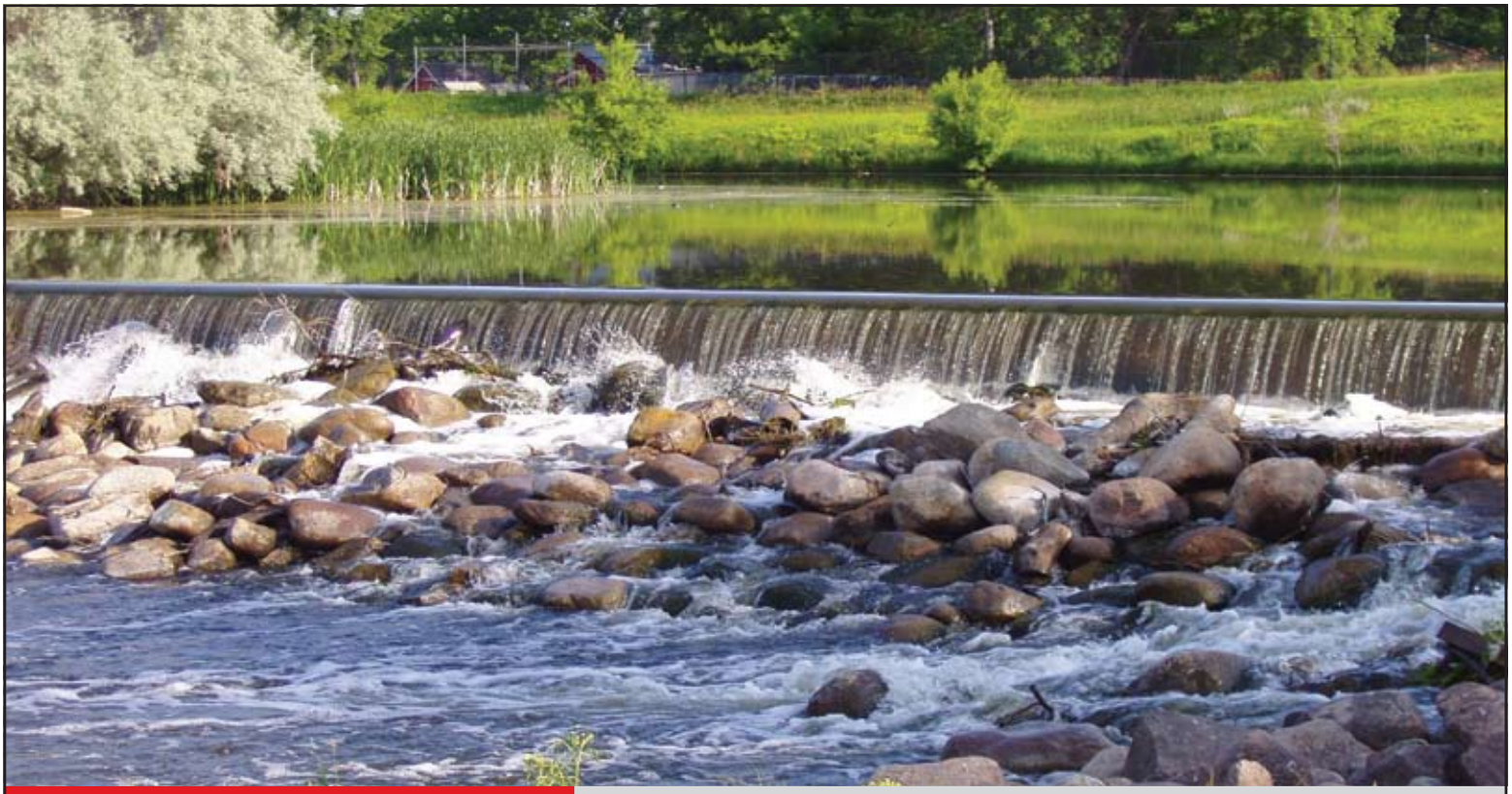

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