

OFFICIAL BULLETIN

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SEPTEMBER - DECEMBER 2022

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WINTER ISSUE

NORTH DAKOTA WATER AND POLLUTION CONTROL CONFERENCE

NDWPCC



water | transportation | municipal | facilities

If you set the bar at competence,
how do you reach excellence?



Editor
Jake Schafer

Business Manager
Laura Lee

Contributing Authors
Drinking Water Program Staff
NDWPCC Officers
AWWA Officers

OFFICIAL BULLETIN

*Official Publication of the
North Dakota Water and Pollution Control Conference*

Winter Issue

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September-December 2022

NOS.

PRESIDENT - Lance Meyer

PRESIDENT-ELECT - Scott Schneider

VICE PRESIDENT - Gabe Schell

DIRECTORS - Luci Snowden, Jeannie Schultz-Mock, Lisa Botnen,
and Joe Reiter

ASSOCIATE DIRECTOR - Karli Frohling

SECRETARY-TREASURER - Shawn Heinle

ASSISTANT SECRETARY-TREASURER - Jake Schafer

**If you are interested in submitting articles please contact the
editor, Jake Schafer at jrschafer@nd.gov.**

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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.

CONFERENCE BUSINESS PHONE: 701-328-6627

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Article II of the Constitution of the North Dakota Water and Pollution Control Conference

The objectives of this Conference shall be: the advancement of the knowledge of design, construction, operation and management of water, wastewater systems, and stormwater 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, wastewater treatment facilities and stormwater treatment; and the promotion of water, wastewater, and stormwater system operator education and certification programs.

On the cover: A chilly morning for birds near Elgin, ND - Jake Schafer



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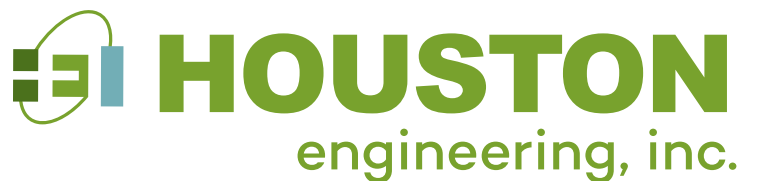




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NDWPCC JOINT BOARD OFFICERS MEETING MINUTES
January 10, 2023
Online - Teams

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); North Dakota Section of the American Water Works Association (NDAWWA); and the North Dakota Chapter of the American Stormwater and Erosion Control Association (NASECA-ND) was held on January 10, 2023, online through Teams. A spreadsheet was generated indicating those in attendance and will be available upon request.

The meeting was called to order at 9:02 a.m. by NDWPCC President Lance Meyer.

For the first order of business, President Meyer called for a motion to dispense with the reading of the minutes from the October 11, 2022, meeting and approve the copy emailed to all board members. Jake Schafer so moved, Scott Schneider seconded, and the motion carried.

Next, President Lennington called for the Treasurer's Report. Shawn Heinle read the 2022 NDWPCC year-end financial report, which showed a net loss of \$18,327.67 and total assets of \$123,521.74. President Meyer asked for any discussion. Secretary Heinle explained that part of the deficit was due to publications of the Official Bulletin. He also explained that the Conference had not yet received the profits from UND Services for the 2022 Conference, which would total \$17,409.40. President Meyer called for a motion to approve the Treasurer's Report. Tyrel Clark so moved, Greg Wavra seconded, and the motion carried.

Next, President Meyer called for any old business. First, the Auditing Committee, which will meet prior to the next May board meeting. Secretary Heinle will send a Doodle Poll to Alan Kemmet, Scott Schneider, and Greg Wavra, so as to choose a time to meet and go over the books.

Next, Jake Schafer discussed the survey of members who would still like a hard copy of the Official Bulletin instead of an online version. There was some discussion on volunteers from the member groups to help with providing articles. Also, Miranda Kleven asked for timelines for when items need to be submitted and if Mr. Schafer would email those dates.

Other old business included the previously discussed liability waiver for the conference. Mr. Schafer is working with Bair Law Firm to create a liability waiver, which will be included with future conference registrations.

President Meyer called for any other old business, being none moved to new business. Secretary Heinle presented the current draft for spring trainings and asked for presentation submissions to fill in the open times in the schedule. There was discussion on topic focus, to which Secretary Heinle indicated operators prefer topics that can be applied to their day to day duties. A question was posed if various water and wastewater companies ever present at the trainings, to which Secretary Heinle indicated that in the past they have presented. Another question was asked if operators themselves present, Secretary Heinle said they can and have, but it is a time commitment which deters most operators. Jim Kershaw volunteered to present but will need a topic suggestion.

Scott Schneider asked Secretary Heinle how UND services went and if he would continue using them. Secretary Heinle said he likes the service, it took a lot of the work load off himself and Assistant Secretary Schafer which allowed them to be more involved with interacting with the conference. A survey conducted by UND Services indicated attendees were happy with the registration process and the Conference but had issues with the venue that was used.

President Meyer than posed the question on why there was no partial credit with the Conference. This lead to a lengthy discussion, in which the Department explained their position and reasons for the policy. There as also discussion on some alternatives.

No other new business.

President Meyer then called for a motion to adjourn. Motion made by Jake Schafer, seconded by Alan Kemmet. Meeting adjourned.

The meeting adjourned at 10:02 a.m.

Respectfully submitted,

Shawn Heinle
Secretary/Treasurer

SH:ll

MINUTES
94th Annual MEETING OF THE
NORTH DAKOTA WATER AND POLLUTION CONTROL CONFERENCE

The 94th Annual Meeting of the North Dakota Water and Pollution Control Conference (NDWPCC) was held October 11, 12, and 13, 2022, at the Bismarck Hotel and Convention Center, Bismarck, North Dakota. 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), the North Dakota Section of the American Water Works Association (NDAWWA), and the North Dakota Chapter of the North American Stormwater and Erosion Control Association (NASECA-ND).

Board meetings were held Tuesday, October 11, 2022, by NDAWWA at 7:30 a.m. in the Governor's Room, NDWEA at 8:00 a.m. in Room 3130, NDWPCC Joint Board at 9:30 a.m. in Governor's Room, NDAWWA Committees in the Governor's Room at 10:30 a.m. and Wednesday, October 12, 2022, by NASECA-ND at 9:00 a.m. in Room 3130, the NDCAPWA in the Governor's Room at 9:00 a.m. and the ND Operator Certification Advisory Committee in Room 2160 at 9:00 a.m. The associations conducted their business meetings, gave committee reports, and accepted volunteers for committees during the Association business meetings were held Tuesday, October 11 (NDAWWA); Wednesday, October 12 (NDCAPWA); and Thursday, October 13 (NDWEA and NDWPCC).

Wastewater Operator pH Certification training was held 9:00 to 11:00 a.m. at the Environmental Training Center. Registration opened at 8:00 a.m., Tuesday, October 11, 2022, with UND Services and various NDDEQ Staff welcoming all attendees. A total of 300 preregistered with final attendance being 306.

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); North Dakota Section of the American Water Works Association (NDAWWA); and the North Dakota Chapter of the American Stormwater and Erosion Control Association (NASECA-ND) was held on October 11th, 2022, in the Governor's Room of the Bismarck Hotel, Bismarck, ND.

Those in attendance: David Christianson, Karli Frohling, Bill Gefroh, Troy Hall, Marty Haroldson, Shawn Heinle, Jeff Hruby, Josh Kadrmas, Alan Kemmet, Miranda Kleven, Jim Lennington, Marisha Lunde, Jennifer Malloy, Lance Meyer, Dennis Miranowski, Joe Reiter, Jake Schafer, Scott Schneider, Savana Schauer, Dylan Sherwood, Matt Sperry, and Luci Snowden.

The meeting was called to order at 9:33 a.m. by NDWPCC President Jim Lennington.

For the first order of business, President Lennington called for a motion to dispense with the reading of the minutes from the May 17, 2022, meeting and approve the copy emailed to all board members. Luci Snowden so moved, Scott Schneider seconded, and the motion carried.

Next, President Lennington called for the Treasurer's Report. Shawn Heinle read the financials as of October 10, 2022. Current income was \$13,857.44, expenditures were \$30,871.77, with a net loss of \$17,014.33. Current account totals: Checking \$86,050.35, Money Market \$9,703.26, and CD \$26,002.57. President Lennington called for a motion to approve the Treasurer's Report. Matt Sperry so moved, Luci Snowden seconded, and the motion carried.

Next item was old business. Secretary Heinle recounted the discussion of a liability waiver to be signed at with registration. Jake Schafer had spoken to Baer Law firm and the cost to draw one up was minimal. Alan Kemmet moved to have the liability waiver drawn up and included with next year's registration. Lance Meyer so moved. Motion passed.

President Lennington called for any other old business, there was none.

President Lennington called for new business. First, volunteers for the nominating committee to find a candidate for the associate director's position. Luci Snowden and Bill Gefroh volunteered. Luci as nominated Karli Frohling for the position. Next, volunteers for the auditing committee to review the books after the first of the year. Alan Kemmet, Scott Schneider, and Greg Wavra volunteered to be on the committee.

President Lennington then called for nominations for Life Members. Bill Gefroh was nominated, also Charles Vein. Next, Secretary Heinle brought forth the topic of Spring Training 2023. He described how the training went early in the year and proposed ideas for the group to consider. Proposals such as making the online training specific to operators who are not yet certified, meaning topics would be specific to basic information an operator should know about water and wastewater. Then making the in-person training for operators who have certification, were they would be presented with rule changes and more advanced topics. Secretary Heinle indicated he would email past topics presented at training to everyone. After much discussion it was decided that the in-person training would be the same format as prior years, four weeks of water classes and two weeks of wastewater classes. The online will be as Secretary Heinle proposed.

Jake Schafer then spoke on the Official Bulletin. He described the large expense, which has contributed largely to the \$17,000 net revenue loss this year. This is due to few advertisers and large cost of printing. Also, there have been very few articles sent to him to be published in the Official Bulletin.

It was suggested that perhaps the Official Bulletin be moved online, except for the Conference addition. Also, a survey should be sent to see how many members still

wish to have a hard copy. Mr. Schafer said he would also contact the printers and find out what is the minimum number of copies that can be produced. Josh Kadrmas made the motion to move the winter and spring editions of the Official Bulletin online, a hard copy for the conference edition, and a survey sent prior to the next issue, to see how many members still wish to have a hard copy mailed. Luci Snowden seconded the motion. Motion carried.

Luci Snowden then proposed the creation of a committee, with one member from each of the four member organizations, to help with the Official Bulletin. Josh Kadrmas seconded. Motion carried. Jennifer Malloy volunteered to represent the APWA on the committee.

Secretary Heinle then asked that each of the member organizations send him updated lists of their new officers.

Being no other new business President Lennington then called for a motion to adjourn. Motion made by Alan Kemmet, seconded by Jake Schafer. Meeting adjourned.

The meeting adjourned 10.28 a.m.

Water samples for the 31st Annual Water Taste Test, sponsored by NDAWWA were accepted throughout the day Tuesday with eight public water systems competing. The Tuesday luncheon and NDAWWA business meeting were held in the Courtyard with NDAWWA Chair, Jim Lennington, presiding. Bismarck Mayor, Mike Schmitz, welcomed all attendees on behalf of Bismarck. Also, Guest Speaker, Sally Mills-Wright, Standards Council Chair, AWWA, updated the members on AWWA activities.

The annual golf tournament was held at Prairie West Golf Course on Tuesday, October 11, 2022, with Alan Kemmet from the local arrangement committee in charge.

Tuesday sessions started at 1:30 pm and were held in the Heart Room, the Sheyenne Room, and the Cannonball Room.

See Attachment for Tuesday's topics.

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

Early set up for the 33rd Annual Exhibitor Program was from 7:00 to 9:00 p.m. on Tuesday in Dakota Ballroom. Late set up was from 6:30 to 7:30 a.m. on Wednesday, October 12, 2022. Display hours were from 7:30 to 11:30 a.m. with 41 firms/suppliers reserving 45 booths. A breakfast buffet sponsored by the exhibitors was held from 8:00 to 10:00 a.m. along with a breakfast buffet poker game. Poker hands were turned in at the registration desk and the registration table, with winners announced at the Wednesday Luncheon. Poker dealers included AE₂S; Apex Engineering Group; Backflow Prevention Services; Bartlett & West; Bolton & Menk; CC Steel; HDR;

Houston Engineering; Interstate Engineering; KLJ; McWane Ductile; Minnesota Valley Testing; Moore Engineering and the ND Public Finance Authority.

The following business firms, suppliers and associations participated in the exhibitor program: NDAWWA; NDWEA; NDCAPWA; AE2S; American Cast Iron Pipe; Apex Engineering Group; Backflow Prevention Services; Bartlett & West; Bolton & Menk; Braun Intertec Corp.; CC Steel; Coating Resources, Inc; Contech Engineered Solutions LLC; Core & Main; Dakota Pump & Controls; Dakota Supply Group; ESS Brothers/Public Works; Ferguson Waterworks; Granse/Trio Sales; Great Northern Environmental; Hawkins; HDR; Houston Engineering; Interstate Engineering; KLJ; KLM Engineering; Larson Data Communications; Leonard Rice; LRE Water; McWane Ductile; Minnesota Valley Testing; Moore Engineering; ND Public Finance Authority; ND Sewage Pump & Lift Station Service; NDRWSA; Power Process Equipment; Team Lab; Treatment Resources; UGPTI; USDA – Rural Development; Widseth Smith Nolting; and William E Young.

The NDCAPWA luncheon and business meeting was held at 12:00 p.m. in the Courtyard with NDCAPWA President, Jennifer Malloy, presiding. Also, Guest Speaker, Joe Johnson, Director of Region VI, APWA, updated the members on APWA activities.

The Wednesday concurrent sessions started at 1:30 p.m.

For Wednesday's topics see attachment:

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

A social hour was held from 5:30 to 6:30 p.m. in the Courtyard prior to the awards banquet with the Bismarck Legacy High School Jazz Choir providing music. The following companies graciously sponsored the social hour, door prizes, coffee breaks, and golf tournament:

Gold Level: Apex Engineering, Backflow Prevention Service, Bartlett & West, Core & Main, HDR, Houston Engineering, and Moore Engineering.

Silver Level: Bolton & Menk, Interstate Engineering, and KLJ Engineering.

Special Recognition: Dakota Supply Group and McWane Ductile

The annual banquet and awards ceremony were held in the Dakota Ballroom with 250 members and guests in attendance. Dale Heglund served as master of ceremonies introducing the officers and dignitaries at the head table and delivering the invocation.

After dinner, Mr. Heglund called on NDAWWA dignitary, Sally Mills-Wright to present the Fuller and Operator Meritorious Awards.

Then Marisha Lunde, NDAWWA Education and Research Committee Chair announced the Young Professional Poster winner, named the eight public water systems

participated in the 31st Annual Water Taste Test with the City of Fargo being the 2022 winner.

Jennifer Malloy, President, NDCAPWA, presented the Project of the Year Award, the Excellence in Snow and Ice Control, and Outstanding Individual in Public Works Award.

Shawn Heinle, NDDEQ, presented Operator of the Year Awards to Jeff Bryson, City of Williston; Travis Carufel, City of Bismarck; Sean Gange, City of Drake, and Lizy Zentz, City of Sharon.

Last, Alan Kemmet announced the various winners of the golf tournament.

All award winners and their photos can be found in the winter edition of the Official Bulletin.

The three Thursday morning concurrent sessions started at 8:00 a.m.

For Thursday's topics see attachment:

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

The joint business meetings and luncheon of the NDWEA and NDWPCC were held at 12:00 noon Thursday, October 13, 2022, with the NDWEA Chair Sarah Waldron Feld and NDWPCC President Jim Lennington presiding. Chair Feld opened the NDWEA meeting at 12:30 p.m. with the NDWEA financial report and announcement the slate of officers.

President Lennington called the NDWPCC meeting to order at 1:05 p.m. As the first order of business President Lennington called for a motion to dispense with the reading of the minutes from the 2021 annual meeting in Fargo and approve the minutes as published in the Official Bulletin, October-December 2021, Volume 109, Numbers 10-12. Jake Schafer so moved. Luci Snowden seconded, and the motion carried.

Next, Secretary Heinle presented the 2021 NDWPCC financial report, showing a net loss of \$17,014.33 and total assets of \$124,835.08. President Lennington, called for a motion to approve the financial report. Luci Snowden so moved. Scott Schneider seconded, and the motion carried.

Next, President Lennington asked for nominations for life membership. Bill Gefroh was nominated and accepted at the Tuesday Joint Board Meeting. No other nominations were presented. President Lennington called for a motion to close nominations. Jake Schafer so moved. Gary Zuroff seconded, and the motion carried.

Next, the Nominating Committee read the slate of officers for the 2022-2023 Conference Board:

Lance Meyer, President
Scott Schneider, President Elect
Gabe Schell, Vice President
Shawn Heinle, Secretary-Treasurer
Jake Schafer, Assistant Secretary/Treasurer
Luci Snowden, Director
Jeannie Schultz, Director
Lisa Botnen, Director
Joe Reiter, Director
Karli Frohling, Associate Director
Jim Lennington, Past President

President Lennington called for other nominations from the floor. Hearing none, President Lennington called for a motion to close nominations and the secretary to cast a unanimous ballot. Jake Schafer so moved. Josh Kadrmas seconded, and the motion carried.

Next, President Meyer presented outgoing President Lennington the NDWPCC President's Service Award and thanked him for his dedicated service.

President Meyer called for a motion to close the meeting. Jake Schafer so moved. Matt Sperry seconded, and the 94th Annual Meeting of the NDWPCC adjourned at 1:30 p.m., Thursday, October 13, 2022.

Respectfully submitted,

Shawn Heinle
Secretary-Treasurer

Operator of the Year Awards

Thank you for your hard work!

The North Dakota Department of Environmental Quality, 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 42nd anniversary of the awards program which has honored 200 plus operators and three military units (the U.S. Army Reserve, the ND Army National Guard, and the ND Air National Guard) for outstanding service.

Recipients of the 2022 Operator of the Year Awards are:

Jeffrey A Bryson - City of Williston

I have been involved in the Water and Wastewater industry since the early 1970's, when it was part of my job in the industrial sector. Firstly, with the Diamond Crystal Salt Company, then with the Dunn Paper Company and finally at the Chrysler Corporation Sterling Heights Assembly Plant. In 1990, I began my career with the City of Flint as a Laboratory Technician where I steadily advanced and was eventually promoted to Superintendent of the City of Flint Water Plant. I left the City of Flint in 2005, far in advance of the well-documented public health crisis in April of 2014, involving the municipal water supply system of Flint, Michigan.

I eagerly began working for Genesee County Water & Waste until 2013, when I was ready for a change. After a lifetime in Michigan, I eagerly moved to Williston, where I was offered the opportunity to become a part of the rapidly growing city. Since 2013, I have found a very rewarding career as the Superintendent of the City of Williston Regional Water Treatment Facility.

By far, the most gratifying aspect of my tenure in Williston has been having the opportunity to guide the development of the personnel at the Plant. Watching the determination of each of the employees and seeing them grow within this industry has been exceptionally rewarding. They are the true unsung heroes.

Lizzy Zentz - City of Sharon

Lizzy Zentz is a Class 1A Water Distribution and Class 1A Wastewater Collection Operator for the city of Sharon. In addition, she is also the city auditor.

Lizzy has been our Water and Waste System Operator for 4 years and has done an excellent job. The weather does not deter her from ever missing a deadline when something needs to be done. She also trained our maintenance man to become a Water Operator. Lizzy is very deserving of this award and the people of Sharon are extremely proud of her!

Sincerely,

Kathleen Sundeen, City Council Member

Sean Gange - City of Drake

Sean Gange has worked for the City of Drake for 12 years. He is conscientious, organized and has always kept the City of Drakes water and sewer systems operating efficiently. Besides keeping the water and sewer systems operational, Sean completes all his educational requirements, keeps detailed records, monitors the system continuously, keeps up with changes in the rules and regulations mandated by the State of North Dakota, and is always thinking of ways to improve the system operations. He goes out of his ways to assist residents of our community and takes pride in his work.

Travis Carufel - City of Bismarck

Travis Carufel has been a valued and trusted employee of the City of Bismarck – Public Works Department, Wastewater Treatment Plant Division since September of 1999. He was hired as an Operator at that time and in 2017 was promoted to the position of Wastewater Superintendent.

Travis holds certificates in water distribution, water treatment and wastewater treatment and in his time with the City has been instrumental in the procurement and implementation of various capital improvements. Travis sees value in fostering both daily and long-term operations of the City’s wastewater treatment operations and holds a high standard to the provision of quality and reliable services to the residents of the City of Bismarck.

When Travis is not working, he enjoys spending time with his family and participating in hobbies such as fishing, bowhunting and chasing pheasants.

Past Recipients: Operator of the Year Awards

2022	Jeff Bryson, Williston Lizzy Zentz, Sharon Sean Gange, Drake Travis Carufel, Bismarck	2015	Kelly Jemtrud, Velva Barry Schulz, Missouri West Water System John Silvenail, Lisbon Dell Widmer, Kulm	2008	Bill Gefroh, Bismarck Steve Himmelspace, Mandan Richard Jacobson, Hazen Roy Hayes, Hazen
2021	Jonathon Guss, Drayton Steve Hans, Davenport Marc Troska, All Seasons Lloyd Veil, Streeter	2014	Clay Kruger, Riverdale Wayne Offerdahl, Fargo Lyle Quenzer, South Central Water District Adam Thomas, Washburn	2007	Duane Golliet, Fargo Raymond Peterson, Fargo Terry Rust, West Fargo Jerome Olson, Traill Rural Water District
2020	No selection, Conference cancelled due to Covid-19	2013	Darrell Haman, Towner Don Hartman, Wildrose Bradley Moser, Medina Dale Neubauer, Fargo	2006	Kelly Berentson, Westhope Jerry Imhoff, Elgin Jay Haugen, Michigan
2019	James Kershaw, Bismarck Ronald Narum, Rutland Matt Routledge, Bismarck	2012	Alan Beyries, Garrison Frank Mosser, Maddock Sam Shutt, Minto Michael Tank, Medora	2005	Keith Olson, Harvey Bob Weninger, Harvey Ken Blilie, Kindred Del Kindelspire, LaMoure
2018	Roger Kristiansen, Napoleon Dan Schaefer, All Seasons WD Donald Vetter, South Central RWD Allan Weiand, Wahpeton	2011	Kent Bickler, R&T Water Supply Mike Houska, Grafton Rick Larson, Rugby William “Bill” McQuiston, Williston	2004	Ron Hendrickson, Fargo Pete Bilstad, Fargo Delvin Stemen, Burlington Mark Paddock, Burlington
2017	Kenny Bergstrom, Williston Mike Hall, Lake Metigoshe Recreation Service District Alice Pekarski, Montpelier Stephen Weiser, Richardton	2010	Wade Hesch, Valley City Mark Peterson, Fargo Donald Wald, Wahpeton Keith Winson, Maddock	2003	Rick Anderson, Central Plains Water District Keith Fulsebakke, Bottineau Don Horning, Zap
2016	Dane Fuchs, New Salem Brian Harrington, Carrington Grace Rixen-Handford, Southwest Water Authority Jerry Tufte, Glenfield	2009	Dennis Larson, Park River Ken Miskavige, Grafton Gary Neuberger, Beulah Jason Sorenson, Minot	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	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	1995	Brad Moser, Medina Les Sigette, McVille Don Olafson, Valley City Charles Jaszowski, Bismarck
2000	Tim Gjovig, Crosby Jim Fixen, Alexander Ed Rekkedal, Arvilla Reuben Grosz, Bismarck		1994	Gregg Christensen, Cass Rural Water Users Gordon Johnson, North Valley Water Assoc. Kerry Miller, Stanton Virgil Sund, Oakes
1999	Richard Wanner, Bismarck Tom Sieg, Anamoose Ron Kleven, Grafton Bill Emerson, Minot	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	1993	JefSf Huwe, Columbus Clay Pettys, Lake Metigoshe Recreation Service Dept. Richard Resell, Williston
1998	Bill Link, Walsh Water Users Ross Carter, Sherwood Bob French, Bismarck Terry Leingang, Riverdale		1992	Dave Auch, Mandan Joel Heitkamp, Southeast Water Users Michael Schneider, Jr., Strasburg Joseph Leo Tupa, Grand Forks
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		1991	Jim Moe, Devils Lake Lyle Mitzel, Wahpeton Joe Manning, Fargo Howard Plum, Maddock
	Operators of Grand Forks-Traill Water Users Randy Loeslie Mike Thompson Neil Breidenbach Ray Rakoczy	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 David Kresel Thomas Mikelson Lawrence Morrison Carl Sherlock Richard Winkels	1990	Keith Demke, Bismarck Rick Gillund, Enderlin Greg Nordsvan, Killdeer Byron Thronson, Minot
	Operators of Agassiz Water Users Gus Cronquist Clark Cronquist		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
		1996	1987	Don Erickson, Watford City Dave Johnson, Washburn Marvin Johnson, Jamestown Harland Peterson, Carrington
		Water	Users	

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
Arnonld 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
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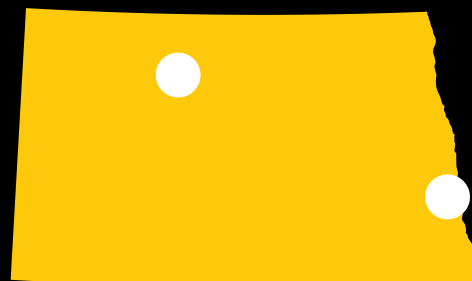


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Regards,

Kelly Frasco
Director of Product Management

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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 noncompliance for your facility. This will include general operation and maintenance topics. **There are no exams associated with the trainings.**
2. **Registration** – Go to the Eventbrite page at <https://www.eventbrite.com/e/nddeqndwpcc-spring-training-2023-tickets-479288874927>
A \$20.00 registration fee is required. NO SHOWS will not be refunded. Each class will be limited to 64 attendees. A confirmation email will be sent by Eventbrite confirming registration. *If you need to reschedule or cancel, please call Shawn Heinle at 701-328-6627.*
4. **Official Bulletin** - A \$10.00 fee for the NDWPCC Official Bulletin subscription may be added to the total payment.
5. **Location** - All training sessions will be held at the **Environmental Training Center, 2639 East Main, Bismarck**. Please Park on the west or south side of the training center.
6. **pH certification** - will be offered in conjunction with the water and wastewater training sessions (see schedule). For more information on the pH certification, please call Sarah Feld at 701-328-5237.
7. **Sponsors** –
ND Department of Environmental Quality
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
8. **Special needs** - If you need special accommodations or more information, please call Shawn Heinle at 701-328-6627.
9. A list of hotels offering state rate is posted on the Eventbrite registration page.

Over →

Class Schedule:

Water - in Bismarck.

1. March 6-8, 2023
2. March 13-15, 2023
3. March 27-29, 2023
4. April 3-5, 2023

Wastewater – Bismarck

1. April 17-19, 2023
2. April 24-26, 2023

Check-in time for registration is 7:00 to 8:00 a.m. on March 6, 13, 27, April 3, 17, and 24.

pH Certification -

March 6, 13, 27, April 3, 17, and 24 at 9:00 am

11. **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.

12. **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, Stormwater Update, Pond Construction, and others.

13. **All operators working in community and non-transient noncommunity public drinking 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.**

Because our Division of Accounting will now be issuing the checks, they require that each individual operator or System (City) requesting reimbursement must also submit a signed IRS W-9 Form with the request.

If the operator does not want to complete the W-9, then the option is to indicate on the Operator Reimbursement form that the city should receive the reimbursement. The city will submit a W-9 and then the city can reimburse the operator.

Copies of the Operator reimbursement form and W-9 form will be available at the trainings, they also can be found on the Department website: <https://deq.nd.gov/MF/Forms.aspx>, scroll down to Operator Reimbursement.

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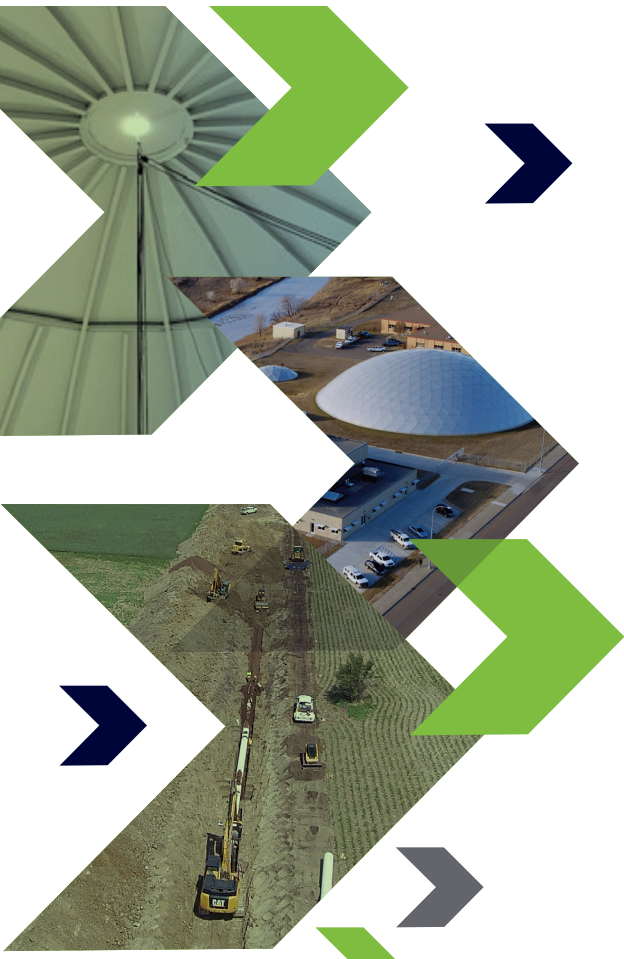


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2022 Conference Attendance List

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Mark Blonigen City of Fargo	Dean Sletten Apex Engineering Group	Julie Hein ND Rural Water Systems Association	Elizabeth Tokach Duran ND Environmental Quality
Adam Thomas City of Washburn	Scott Schneider	Gary Zuroff City of Dickinson Public Works	Shawn Martin ND Environmental Quality
Donna McCann Backflow Prevention Services	Doug Oberlander City of Jamestown	Shawn Heinle ND Environmental Quality	Jarrett Hillius North Dakota Water Resources
Tod Matelski City of Grand Forks	Toby Berreth City of Jamestown	AJ Waller City of Surrey	Doug Gahner City of Fargo
Lorne Duppong Ferguson Waterworks	Mark Paddock Minot Water Treatment Plant	Roxela Friesz ND Environmental Quality	Steven Gee City of Fargo
Bailey Ranstrom Ferguson Waterworks	Dennis Miranowski City of Wahpeton	James Uhlman ND Environmental Quality	Corey Houim City of Fargo
Karen Olson Ferguson Waterworks	Keith Olson City of Harvey	Joddy Meidinger Upper Souris Water District	Matt Fredrickson City of Fargo
Mitch Orstad Ferguson Waterworks	David Juma City of Williston	Mitchell Murray ND Environmental Quality	Devon Heupel City of Fargo
Dylan Sherwood City of Fargo	Justin Smith City of Watford City	Shannon Fisher ND Environmental Quality	Randy Schmidt City of Fargo
Jeff Hoff City of Fargo	Jesse Penor Southwest Water Authority	Thomas Demke Apex Engineering Group	Dean Corcoran City of Fargo
Grace Rixen Southwest Water Authority	Leo Murr City of Wahpeton	Kyle Koterba Apex Engineering Group	Brandon Oye Moore Engineering, Inc.
Barry Glienke Apex Engineering Group	Brad Anderson Dakota Pump and Control	Bryce Peters ND Environmental Quality	Josh Reiner Moore Engineering, Inc.
Blake Sander Apex Engineering Group	Bill Gefroh City of Bismarck	Evan Wahl ND Environmental Quality	Kyle Meyer Moore Engineering, Inc.
Kris Knutson Apex Engineering Group	Clint Klemisch City of Valley City	Jeffrey McElwain West River Water & Sewer	AJ Tuck Moore Engineering, Inc.
Karla Olson Apex Engineering Group			Andrew Aakre Moore Engineering, Inc.

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Erik Gilbertson Moore Engineering, Inc.	Bob Newland City of Grand Forks	Kasey Hudson City of Minot	Josh Seerup ND Environmental Quality
Amy Denz Moore Engineering, Inc.	Chris Grant City of Grand Forks	Jesse Berg City of Minot	Brooke Muhlack Braun Intertec
Jerod Klabunde Moore Engineering, Inc.	Danielle Peltier ND Environmental Quality	Neal Repnow City of Underwood	Travis Tekippe
Kent Ritterman Moore Engineering, Inc.	Clay Kruger City of Riverdale	Greg Wavra ND Environmental Quality	Duane Friesz City of Mandan
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Bruce Ford City of Cando	Ryan David Houston Engineering, Inc.	Jacob Schafer ND Environmental Quality	Justin Ahamann AckermanEstvold
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Tim Meiddinger City of Mandan	Brian Randash	Bryan Schmitt ND Environmental Quality	Travis Fristed Braun Intertec
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	Troy Kuglin City of Minot	Matt Christiansen	Bobby Splitt
		Mason Mannie	Ira Williams City of Bismarck

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MEMORANDUM

TO: North Dakota Public Water Systems (PWS)

FROM: Division of Municipal Facilities – Drinking Water Program

RE: North Dakota Backflow Prevention and Cross Connection Control Program

DATE: September 1, 2022

As you know, North Dakota Administrative Code states that all public water systems need to provide cross-connection control within their water supply systems. The DEQ has been more flexible in enforcing this regulation in the past, however, effective April 1, 2023, the state will increase its emphasis on compliance and enforcement of this regulation. In the future, compliance (or lack of) will be indicated on your sanitary surveys.

All Non-Community and Transient PWSs will need a written Backflow Prevention and Cross Connection Control (BPCCC) containment program. This same requirement went into effect for Community and Non-Transient PWSs April 1, 2022. The BPCCC containment program will help protect drinking water from backflow hazards. In addition to the required containment program, PWSs may voluntarily develop a BPCCC comprehensive program, which is industry standard best practice, to protect against all backflow hazards. Details about the required and voluntary programs, as well as available trainings and dates are available at NDDEQ's website at <https://deq.nd.gov/MF/BPCCC/>

North Dakota Administrative Code (NDAC) 33.1-17-01-19 (Protection of Public Water Systems) requires that water suppliers provide cross-connection control within their water supply systems. Commercial and residential facilities are required to protect the potable water supply in accordance with the local jurisdictional plumbing codes. If there is no local code, then the North Dakota Plumbing Code applies. The BPCCC program will ensure that PWSs are compliant with the regulations in NDAC 33.1-17-01-19.

NDAC 33.1-17-01-19 prohibits the installation or permitting of cross connections **except** when approved by the authority having jurisdiction and suitable protective devices are installed, tested, and maintained on a yearly schedule to ensure proper operation.

To develop their mandatory BPCCC containment programs, PWSs will be required to survey their systems to identify all potential cross connections that occur within publicly owned buildings or properties (city hall, fire station, etc.). They must then ensure all such hazards are protected through the proper backflow prevention device or assemblies. **This will enable the PWS to meet the basic containment program requirement.** PWSs may elect to develop even more robust BPCCC comprehensive programs on a voluntary basis.

If you have any questions concerning this memorandum, contact Jacob Schafer (701) 328-6375 or Shawn Heinle (701) 328-6627.

2022 Conference Photos



Three Steps to Begin the LCRR Process

By Marie Owens, AE2S Senior Project Manager

The Lead & Copper Rule Revision (LCRR) is the largest change in drinking water regulation in two decades. Although the first compliance deadline is in less than two years, on October 16, 2024, there is a lot of work to get done. It is prudent for water systems to start the process as soon as possible to ensure there is enough time to complete the inventory and reporting process by the deadline.

The LCRR is unlike any previous drinking water rule in several ways:

- It removes the responsibility barrier between the public side and the private side of water system infrastructure. Water systems are required to identify what is buried on private property.
- It transitions to a health-based rule instead of an infrastructure integrity rule. The previous rule was structured to protect the public water infrastructure from corrosion, this rule protects the public from lead exposure.
- It lowers the level of lead detected through sampling that requires action by the water system. Even if your system is in full compliance with the current rule, sample protocol modifications and corresponding test results under the new rule may trigger action.
- There is no implementation phasing for small systems. Historically, large water systems complied with new rules first and small systems were given more time. To ensure small towns are not put at risk longer, every public water system, regardless of size, will have to comply by 2024.
- It may be the highest cost-to-comply of any previous drinking water rule. New rules need a cost-benefit analysis. The benefit of removing ongoing lead exposure is so large, the allowable compliance cost for individual water systems is also larger than usual.

The idea of creating an inventory of all the public service lines and private infrastructure in a water system may seem daunting. It is a significant undertaking, and you need to start somewhere. Here are the three steps water systems should take to kick off their two-year LCRR compliance journey.

1. Start Communicating Now

Every water system in the country will need to involve the public in the LCRR process. Be intentional when you begin communicating about lead in water and the need to inventory all private service line and public infrastructure. The first step is to educate your water users about the infrastructure that delivers their water. You may also want to discuss what the LCRR is, why it matters, and what the water system needs to do to meet this new regulation. Alert your water users early in the process that the water system will need their help to identify whether there are lead pipes on the private side.

2. Assess Your System's Inventory Status

Next, water systems need to identify what they know about their water system. Do you have GIS with a node for locating each water hookup in the service area? This

information serves as the basis for every location that must be inventoried. Any documents that provide information about the materials used during public water infrastructure construction over the years should be compiled and reviewed. You also need to determine whether you truly know what is in the ground on the public infrastructure side. The EPA will require evidence of what materials were utilized on the public and private sides, so it is in your best interest to identify everything as early as possible.

3. Decide How Your System Will Address Data Gaps

Finally, you'll need to decide how to fill in the gaps in information about lead service lines. Will you provide instructions or distribute kits to property owners that will allow them to test their pipes for lead? Will you dig to identify whether there are lead pipes in the ground at different locations? Do you have a vactor truck for potholing? Most importantly, does your crew have a way to capture everything they are seeing in the field right now? Spending time early to plan how you'll fill in the gaps in data will help the process go more smoothly.

AE2S tracks the regulatory landscape closely and is ready to help you be successful with the LCRR compliance. Please reach out to [Rachel Schultz, AE2S Project Coordinator](#), if you have questions about the LCRR process.

Drinking Water Program Directory

Program Administrator	Greg Wavra	701-328-5257
Acrylamide and Epichlorohydrin Rule	Josh Seerup	701-328-5257
Arsenic Rule	Stacey Herreid	701-328-5287
Backflow Prevention Cross-Connection Control Program	Jacob Schafer	701-328-6375
Consumer Confidence Reports	LeeAnn Tillotson	701-328-5293
Disinfectant/Disinfection Byproducts Rule (TTHM, HAA5) Stage 1 and Stage 2 Rule	Olivia Griffith	701-328-6624
Electronic Reporting Information System (ERIS)	All Staff	701-328-5211
Filter and Backwash Recycle Rule	Roxela Friesz	701-328-5297
Fluoride Addition	Stacey Herreid	701-328-5287
Groundwater Rule	James Uhlman Roxela Friesz	701-328-5163 701-328-5297
Inspections: Northeast	Vance Wingerter	701-328-5175
Inspections: Northwest	Bryce Peters	701-328-5209
Inspections: East	Jacob Schafer	701-328-6375
Inspections: South Central	Marlon Bell	701-328-6623
Lead and Copper Rule	Sandy Washek	701-328-5190
Surface Water Treatment Rule: Interim Enhanced, Long Term 1 Enhanced, Long Term 2 Enhanced	Greg Wavra	701-328-5224
Microscopic Particulate Analysis (MPA)	All Staff	701-328-5211
Nitrate/Nitrite Program	Stacey Herreid	701-328-5287
Operator Certification	Craig Bartholomay	701-328-6626
Operator Expense Reimbursement/Public Notice Rule	LeeAnn Tillotson	701-328-5293
Operator Training	Shawn Heinle	701-328-6627
Pesticides (SOCs)	Olivia Griffith	701-328-6624
Primary and Secondary Inorganics	Olivia Griffith	701-328-6624
Public Water System Updates (changes to source, treatment, contact, etc.)	David Christianson	701-328-5178
Radionuclide Rule: Gross Alpha, Total Radium, Uranium	Stacey Herreid	701-328-5287
Revised Total Coliform Rule Level 1 and 2 Assessments	Maggie Siebel Josh Seerup	701-328-5231 701-328-5257
Unregulated Contaminant Monitoring	LeeAnn Tillotson	701-328-5293
Volatile Organic Chemicals (VOCs)	Olivia Griffith	701-328-6624

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North Dakota Pollutant Discharge Elimination System Program Directory

Program Administrator	Marty Haroldson	701-328-5234
Animal Feeding Operations	Brady Espe Rachel Strommen Julianna Zittleman	701-328-5228 701-328-5244 701-328-5285
Biosolids	Sarah Waldron-Feld	701-328-5234
Construction/Industrial Stormwater	Dallas Grossman Sam Devries Kylee Harrison	701-328-5242 701-328-5236 701-328-5187
Dewatering and Hydrostatic Testing	Sarah Waldron-Feld	701-328-5237
Discharge Monitoring Reports (DMRs)	All Staff	701-328-5210
DMR Quality Assurance (QA) Study	Marty Haroldson	701-328-5234
Industrial Pretreatment	Montana Kruske Lawrence Hanson	701-328-5172 701-328-5291
Inspections	All Staff	701-328-5210
Lagoon Overflows/Releases/Spills	All Staff	701-328-5210
MS4 Stormwater	Dallas Grossman Sam Devries	701-328-5242 701-328-5236
Public Notices/NDPDES Permits	All Staff	701-328-5210
Septic Pumper	Sam Devries Julianna Zittleman	701-328-5236 701-328-5285
Wastewater Discharge Reviews	All Staff	701-328-5210

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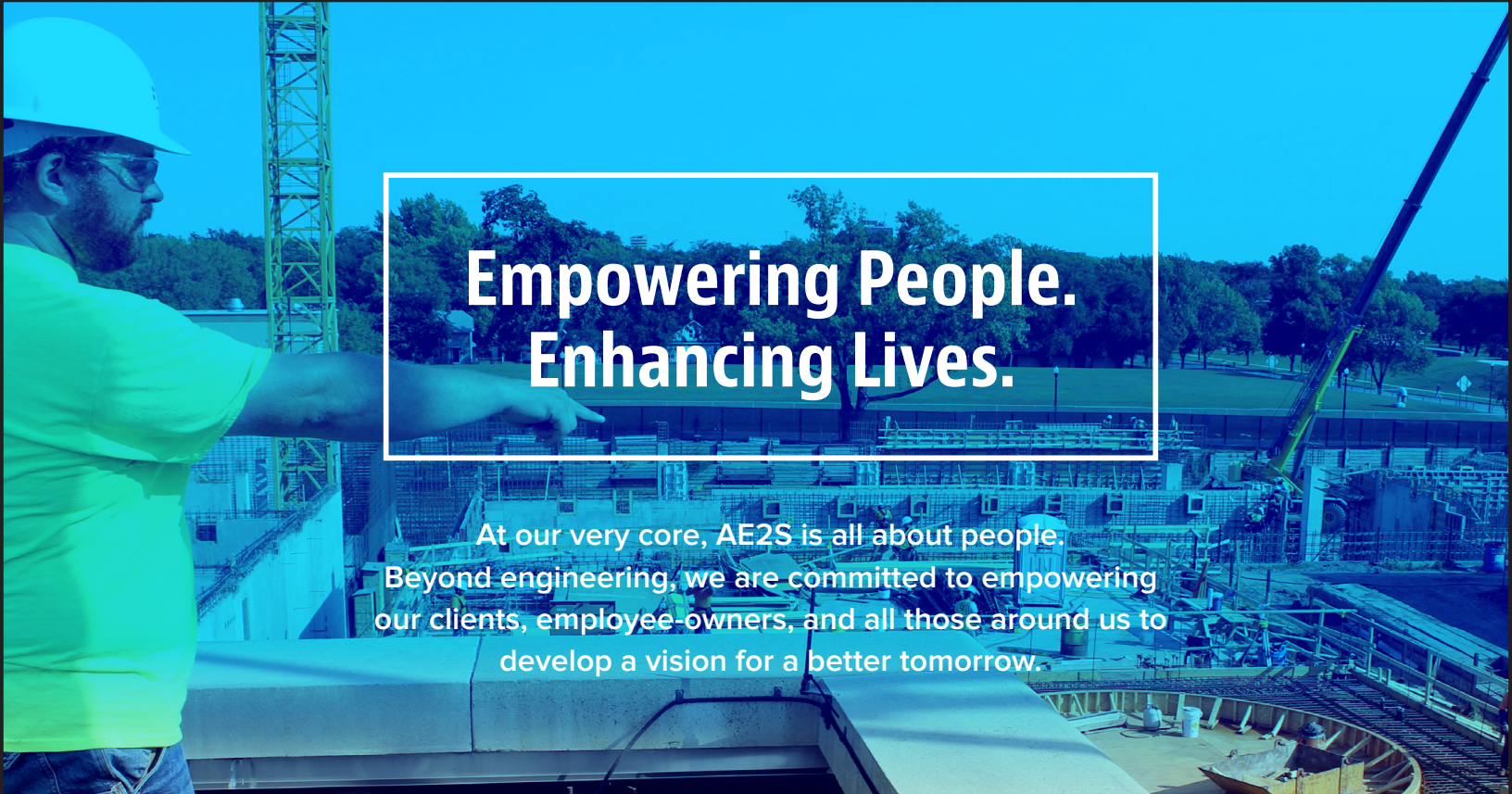
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