## 2016 CONSUMER CONFIDENCE REPORT

A publication on quality water and quality service provided by DES MOINES WATER WORKS



#### WATER YOU CAN TRUST FOR LIFE

ater plays a key role in your health and Des Moines Water Works (DMWW) plays a key role in providing WATER YOU CAN TRUST FOR LIFE. Supplying approximately 500,000 central lowans with safe, affordable and abundant drinking water is Des Moines Water Works' mission.

In order to ensure tap water is safe to drink, the Environmental Protection Agency (EPA) prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. This annual water quality report summarizes information regarding water sources used, any detected contaminants, compliance and educational information.

Des Moines Water Works' top priority is to ensure our customers have a reliable, secure water supply. To achieve that, we responsibly invest in maintenance and upgrades to our infrastructure. We closely monitor the water supply to identify and treat contaminants and regularly review treatment methods and operations for efficiency. Des Moines Water Works' extensive monitoring program allows us to evaluate our everchallenging source waters and treat them effectively.

#### WHERE DOES YOUR WATER COME FROM?

Des Moines Water Works operates three water treatment plants in central lowa. The newest facility, Saylorville Water Treatment Plant located in northern Polk County, began serving water to residents north of Des Moines in April 2011. This facility treats water from the Des Moines River and utilizes membrane technology to soften and treat the water. It is DMWW's first membrane treatment plant and the largest such facility in lowa.

The L.D. McMullen Treatment Facility at Maffitt Reservoir, located southwest of the metro area, treats water from the Raccoon River, and serves customers in southwest Des Moines, parts of Warren Water District, Waukee, and parts of Clive, Urbandale and West Des Moines. The water is obtained through radial collector wells located horizontally in the coarse sand and gravel formation beneath the river. The shallow groundwater receives natural filtration prior to entry into the wells. The groundwater is pumped to the treatment plant via a series of pipes and pumps that interconnect all six of the wells and the horizontally drilled well. This innovative horizontal well formation was designed and constructed by DMWW staff.

All other areas in Des Moines Water Works' service area receive water from the Fleur Drive Treatment Plant. This plant treats water pumped from one of three sources: Raccoon River, Des Moines River and an infiltration gallery (a series of underground pipes located throughout Water Works Park next to the Raccoon River).

DMWW's chemists and microbiologist test the untreated water daily to determine the best source water. They also test the finished drinking water every day to ensure that it is a healthy and safe product. The tests include bacterial analysis, softening levels and testing for other contaminants.

Once treated, there are more than 1,300 miles of underground water mains and pipe distributing water to homes and businesses in Des Moines and surrounding communities.

#### **SOURCE WATER ASSESSMENT**

Des Moines Water Works obtains water from one or more surface waters. Surface water sources are susceptible to sources of contamination or pollution within the Raccoon and Des Moines River watersheds.

Surface Water Name	Susceptibility
Crystal Lake	High
Des Moines River	High
Maffitt Reservoir	High
Raccoon River	High

Water is also obtained from aquifers. The **Alluvial Aquifer** was determined to be highly susceptible to contaminations because the characteristics of the aquifer and overlying materials provide little protection from contamination at the land surface. The Alluvial wells will be highly susceptible to surface contamination such as leaking underground storage tanks, contaminant spills, and excess fertilizer application.

The **Cambrian-Ordovician Aquifer** was determined to have low susceptibility to contamination because the characteristics of the aquifer and overlying materials provide natural protection from contaminants at the land surface.

Des Moines Water Works completed a **Source Water Assessment** in 2001. To obtain a copy of the assessment, call (515) 283-8700 to request a printed copy.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring material and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or humans. Contaminants that may be present in source water include:

- Microorganisms such as viruses and bacteria, which may come from gricultural livestock operations, sewage treatment plants, septic systems and wildlife.
- Inorganic Contaminants such as salts and metals, which can occur naturally or come from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- Pesticides and Herbicides which may come from agriculture and urban stormwater runoff.
- Organic Chemicals including synthetic and volatile organic chemicals, which are agriculture, industrial and petroleum process byproducts and can also come from gas stations, urban stormwater runoff and septic systems.
- Radioactive Contaminants which can occur naturally or result from oil and gas production and mining activities.

## 2015 WATER QUALITY RESULTS

# Water Treatment Plant Monitoring

Before water can be delivered to your home, it must first be analyzed by certified laboratories at Des Moines Water Works' Fleur Drive Treatment Plant and at the University of Iowa Hygienic Laboratory in Iowa City. Results for 2015 in this report include samples taken as water leaves Des Moines Water Works' three treatment plants and from samples obtained from the various water distribution systems supplied with water by Des Moines Water Works.

<b>2015</b> LAB					Fleur Di eatment	-		McMull eatment	en Water Facility	Saylorville Water Treatment Plant			
TEST RESULTS	UNITS	MCL	MCLG	YEAR TESTED	LEVEL Found	RANGE OF DETECTIONS	YEAR TESTED	LEVEL Found	RANGE OF DETECTIONS	YEAR TESTED	LEVEL Found	RANGE OF DETECTIONS	COMMON SOURCES OF CONTAMINANT
WATER CLARITY Turbidity	NTU	TT	N⁄A	2015	0.31	0.02-0.31	2015	0.13	0.02-0.13	2015	0.71	0.02-0.71	Soil runoff
ORGANIC SUBSTANCES Atrazine Cis-1,2 Dichloroethylene Di(2-ethylhexyl)adipate	μg/L μg/L μg/L	3 70 400	3 70 400	2015 2015 2015	<0.1 0.7 <0.6	N/A <0.5-0.7 N/A	2015 2015 2015	<0.1 <0.5 <0.6	N/A N/A N/A	2014 2015 2015	<0.1 <0.5 <0.6	N/A N/A N/A	Agrotoxin Discharge from industrial chemical factories Discharge from rubber and chemical factories
<b>INORGANIC SUBSTANCES</b>													
Barium	mg/L	2	2	2012	< 0.05	N/A	N/A	N⁄A	N/A	2011	0.1	N∕A	Discharge from drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride	mg/L	4	4	2015	0.68	0.25-0.91	2015	0.72	0.41-0.92	2015	0.62	0.30-0.74	Additive for strong teeth; erosion of natural deposits; discharge from fertilizer factories
Nitrate [as N]	mg⁄L	10	10	2015	9.27	4.35-9.27	2015	9.4	0.61-9.40	2015	4.89	0.07-4.98	Agrotoxin; leaching from septic tanks; sewage; erosion of natural deposits
Sodium	mg/L	N⁄A	N⁄A	2015	27.37	N⁄A	2015	13.76	N/A	2015	15.1	N⁄A	Erosion of natural deposits
<b>RADIOACTIVE SUBSTANCE</b>	S												
Alpha Emitters Combined Radium	рСі⁄L рСі⁄L	15 15.0	N∕A N∕A	2010 2012	1.6 <1.0	N∕A N∕A	2009 2009	<1.1 N/A	N∕A N∕A	2011 2011	<1.3 <1.0	N∕A N∕A	Erosion of natural deposits Erosion of natural deposits
				YEAR TESTED	ANNUAL Removal Ratio	MINIMUM REMOVAL REQUIREMENT	YEAR TESTED	ANNUAL Removal Ratio	MINIMUM REMOVAL REQUIREMENT	YEAR TESTED	ANNUAL Removal Ratio		COMMON SOURCES OF CONTAMINANT
TREATMENT PLANT			NI (A	0045	0.00	4.00	0045	0.70	1.00	0045	0.00	4.00	Making the group and by the construction
Total Organic Carbon	mg/L	TT	N/A	2015	2.66	1.00	2015	2.72	1.00	2015	2.80	1.00	Naturally present in the environment

**DES MOINES WATER WORKS AND THE CITY OF ANKENY** operate Aquifer Storage and Recovery (ASR) wells. Treated drinking water is injected into wells during cold-weather months, and recovered for use during warm-weather months or to help limit the use of poor quality source water. Testing data unique to this water can be seen on the chart below.

<b>2015</b> LAB				L	ouise P. Wel		L.D. McMullen Facility Well			Ankeny Well 4			Ankeny Well 6			
TEST <b>RESULTS</b>	UNITS	MCL	MCLG	YEAR TESTED	LEVEL FOUND	RANGE OF DETECTIONS	YEAR TESTED	LEVEL FOUND	RANGE OF DETECTIONS	YEAR TESTED	LEVEL FOUND	RANGE OF DETECTIONS	YEAR TESTED	LEVEL FOUND	RANGE OF DETECTIONS	COMMON SOURCES OF CONTAMINANT
PARAMETER																
Alpha Emitters Arsenic Atrazine Combined Radium Di (2-ethylhexyl) phthalate	pCi/L μg/L μg/L pCi/L μg/L	15 10 3 5 400	N/A N/A 3 0 400	2009 2015 2015 2009 2015	ND ND ND ND ND	N/A N/A N/A N/A N/A	2009 2015 2015 2009 2015	ND ND ND ND ND	N/A N/A N/A N/A N/A	2010 2013 2013 2013 2010	2.20 1.00 ND ND ND	N/A N/A N/A N/A N/A	2011 2011 2010 2011 2010	3.10 1.00 ND 1.00 ND	N/A N/A N/A N/A N/A	Erosion of natural deposits Erosion of natural deposits Agrotoxin Erosion of natural deposits Discharge from rubber and chemical factories
Fluoride Nitrate [as N]	mg/L mg/L	10	10	2015 2015	1.45 8.49	N/A 4.67-8.49	2015 2015	<ul><li>0.67</li><li>9.00</li></ul>	N/A 6.90-9.00	2013	1.01 0.48	N/A 0.29-0.48	2011 2014	0.69	N∕A N∕A	Additive for strong teeth; erosion of natural deposits; discharge from fertilizer factories Agrotoxin leaching from septic tanks; sewage; erosion of natural deposits
Sodium	mg⁄L	N⁄A	N⁄A	2015	56.10	N/A	2015	10.89	N/A	2013	36.20	N/A	2014	48.0	N/A	Erosion of natural deposits

# Water Distribution System Monitoring

Once the water leaves Des Moines Water Works' water treatment facilities, it is regularly monitored throughout the numerous distribution systems served by Des Moines Water Works for disinfectant, disinfectant byproducts, bacteria, lead and copper. The table below shows the results of this monitoring.

2015	Total Trihalomethanes (TTHM) (µg/L)			cetic Acids µg/L)		Lead (μg/L)			Copper (mg/L)			Bacteria itive)	Chlorine Disinfectant (mg/L)	
DISTRIBUTION RESULTS	Byproducts of Byproducts of chlorination					From plumbi corrosion	ng		From plumb corrosion	Ü	,	present in ronment	Added to prevent bacterial growth	
NESULIS	MCL: 80 $\mu$ g/L MCLG: no limit set			: 60 $\mu$ g/L no limit set	90% of all samples must be below Action Level of 15 μg/L				f all samples m ction Level of 1			5% of monthly n be positive	Maximum limit for annual average: 4 mg/L	
SYSTEM	Level Found	Range of Detections	Level Found	Range of Detections	Year Tested	90% of Samples Below Action Level	Range of Detections	Year Tested	90% of Samples Below Action Level	Range of Detections	Monthly Samples	Positive Samples	Running Annual Average	Range
Des Moines*	78	46-141	21	10-42	2014	ND	ND	2014	ND	ND-0.50	151	0	1.08	0.14-3.2
Ankeny	58	33-89	9	ND-15	2015	ND	ND	2015	0.040	ND-0.060	50	0	0.91	0.15-1.55
Bondurant	51	23-75	13	6-22	2015	2.60	ND-36 <sup>1</sup>	2015	0.0181	ND-0.0342	6	0	2.30	1.91-2.40
Clive	71	35-130	15	8.33	2013	ND	ND	2013	0.030	ND-0.04	15	0	1.00	0.37-1.44
Cumming	67	51-89	11	8-17	2015	ND	ND	2015	0.02	ND-0.030	1	0	0.40	0.12-0.86
East Dallas Water	31	N⁄A	6	N/A	2015	ND	ND	2015	0.010	ND-0.02	1	0	2.10	1.91-2.20
Earlham	28	17-44	7	ND-11	2014	ND	ND	2014	ND	ND	2	0	2.10	1.54-2.80
Johnston	66	44-89	16	11-20	2015	1.2	ND-14	2015	0.0222	ND-0.0432	20	1 <sup>2</sup>	0.60	0.05-1.25
New Virginia	50	29-68	10	ND-16	2013	ND	ND	2013	0.0150	ND-0.03	1	0	2.00	1.65-2.20
Norwalk	66	43-88	14	9-22	2013	ND	ND	2013	0.040	ND-0.070	10	0	0.80	0.32-1.30
SE Polk Rural Water**	70	41-93	11	7-19	2015	10	ND-10	2015	0.040	ND-0.04	7	0	0.80	0.26-1.34
Urbandale	61	29-73	13	7-23	2015	ND	ND-10	2015	0.020	ND-0.04	40	13	0.80	0.10-1.28
Warren Water District	47	19-71	11	ND-18	2014	ND	ND-10	2014	0.030	ND-0.060	20	0	2.30	1.30-3.10
Waukee	73	42-90	13	7-23	2015	10	ND-160 <sup>4</sup>	2015	0.0400	ND-0.038	16	0	0.97	0.32-1.08

\*Includes water supplied to Alleman, Berwick, Pleasant Hill. Polk County Rural Water District #1, and Windsor Heights \*\*Includes water supplied to Runnells and eastern portions of Pleasant Hill. ¹One sample exceeded the AL of 15 µg/L. ²One sample in November tested positive for total coliforms. Repeat samples indicated coliform bacteria were not present, and the water was determined to be safe for consumption. ³One sample in March tested positive for total coliforms. Repeat samples indicated coliform bacteria were not present, and the water was determined to be safe for consumption. ⁴One sample exceeded the AL of 15 µg/L.

# Unregulated Contaminant Monitoring

2015 UCMR	Total Chromium (µg/L)		Molybdenum (μg/L)			ntium g/L)		dium g/L)		nt Chromium 1g/L)	Chlorate (µg/L)	
SYSTEM	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
Des Moines Water Works	0.74	ND-2.60	2.26	ND-3.50	97.91	75.4-139.0	1.03	ND-2.80	0.73	ND-2.62	88.44	32.0-163.0
Johnston	1.33	0.4-2.40	3.86	2.0-6.30	132.00	92-195.0	1.25	ND-2.50	18.02	0.22-137.00	90.46	55.0-140.0
Urbandale	0.88	ND-1.90	2.15	ND-3.00	78.85	ND-111.0	0.98	ND-2.30	1.12	0.21-2.14	72.90	53.2-83.3

The U.S. Environmental Protection Agency developed an Unregulated Contaminant Monitoring Rule (UCMR) to better understand the existence of contaminants in the environment that are not regulated by the National Primary Drinking Water Regulations, are known or anticipated to occur at public water systems and may warrant regulation under the Safe Drinking Water Act.

#### DRINKING WATER AND HEALTH INFORMATION

rinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice from their health care providers about drinking water. Information about contaminants and potential health effects can be obtained by contacting **Safe Drinking Water Hotline** at (800) 426-4791, or visiting http://water.epa.gov/drink.

#### **Nitrate**

Nitrate in drinking water at levels above 10 parts per million (ppm) is a health risk for infants less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of groundwater conditions and agricultural activity. Des Moines Water Works uses a variety of strategies to keep the treated tap water below 10 ppm. These strategies include source water blending, and if necessary, removal of nitrate using a treatment process known as ion exchange. Ion exchange is an expensive water treatment technology used only in extraordinary situations when nitrate or other pollution is particularly threatening. Despite recent nitrate levels in the Raccoon and Des Moines Rivers. Des Moines Water Works' treated water has not exceeded the 10 ppm standard since nitrate removal was implemented in 1992. If you are caring for an infant, you should ask for advice from your healthcare provider.

#### Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Des Moines Water Works minimizes the potential for exposure to lead in drinking water by following a corrosion control program approved by the lowa Department of Natural Resources. Lead in drinking water is primarily from materials and components associated with private service lines and home plumbing. When your water has been sitting for several hours, you can further minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure are available from the **Safe Drinking Water Hotline**.

#### Cryptosporidium

The EPA and Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the **Safe Drinking Water Hotline**.

#### **DEFINITIONS/ABBREVIATIONS**

**Action Level (AL)** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Coliform** A bacteria originating in the digestive system of mammals. Its presence in water alerts lab staff that disease-causing agents may be present.

**Level Found** The highest amount found in the water or the average of all samples analyzed, depending on the regulation. If multiple samples were tested in 2015, the lowest and highest detected values are listed under Range of Detections.

mg/L Milligrams per liter, or parts per million (ppm). Parts of contaminant per million parts of water. One part per million is equivalent to a single penny in ten thousand dollars.

**MCL** The maximum contaminant level, the highest level of a substance allowed in drinking water.

**MCLG** The MCL Goal, the level of a substance where there is no known or expected health risk. MCLGs allow for a margin of safety. MCLs are set as close to MCLGs as feasible using the best available treatment processes.

**LRAA** Locational running annual average.

N/A Not applicable.

ND Not detected.

ng/L Nanograms per liter.

NTU Nephelometric turbidity units.

pCi/L Picocuries per liter, a measure of radioactivity.

TT Treatment technology. Certain treatment processes are required to reduce the level of turbidity in the drinking water. Turbidity must not ever exceed 1 NTU, and must be less than 0.3 NTU 95% of the time.

**Turbidity** Turbidity is a measure of cloudiness of the water. It is monitored because it is a good indicator of the effectiveness of the filtration system.

µg/L Micrograms per liter, or parts per billion (ppb). Parts of contaminant per billion parts of water. One part per billion is equivalent to a single penny in ten million dollars.

#### **PUBLIC MEETING & UTILITY CONTACT INFORMATION**

#### **■ CITY OF ALLEMAN**

2nd Monday of the month at 7:00 pm Alleman City Council 14000 NE 6th Street · Alleman, IA 50007 **Kathy Larson, City Clerk** (515) 685-3666 **Des Moines Water Works Customer Service** (515) 283-8700 · customerservice@dmww.com

#### CITY OF ANKENY

1st & 3rd Monday of each month at 5:30 pm Ankeny City Hall 410 West 1st Street · Ankeny, IA 50023 **Customer Service** 220 West 1st Street · Ankeny, IA 50023 (515) 963-3565 customerservice@ankenyiowa.gov

#### **■ BERWICK WATER ASSOCIATION**

Annual meeting and as needed 5825 NE Berwick Drive · Berwick, IA 50032 **Des Moines Water Works Customer Service** (515) 283-8700 · customerservice@dmww.com

#### **■ CITY OF BONDURANT**

1st & 3rd Monday of each month at 6:00 pm Bondurant City Hall 200 2nd Street NE · Bondurant, IA 50035 **Patrick F. Collison** (515) 971-6856 · pcollison@cityofbondurant.com

#### ■ CITY OF CLIVE

2<sup>nd</sup> & 4<sup>th</sup>Thursday of each month at 6:00 pm Clive City Hall 1900 NW 114<sup>th</sup> Street · Clive, IA 50325 **Jeff May, Public Works Director** 2123 NW 111<sup>th</sup> Street · Clive, IA 50325 (515) 223-6231 · jmay@cityofclive.com

2<sup>nd</sup> & 4<sup>th</sup> Monday each month at 7:00 pm

#### **■ CITY OF CUMMING**

Cumming City Hall
649 N 43rd Street • Cumming, IA 50061
Rachelle Swisher, City Clerk
P.O. Box 100 • Cumming, IA 50061
(515) 981-9214 • cityclerk@cumming-iowa.com
Des Moines Water Works Customer Service
(515) 283-8700 • customerservice@dmww.com

#### **DES MOINES WATER WORKS**

4th Tuesday of each month at 3:30 pm
Des Moines Water Works
2201 George Flagg Parkway · Des Moines, IA 50321
Des Moines Water Works Customer Service
(515) 283-8700 · customerservice@dmww.com

#### **■ CITY OF EARLHAM**

2<sup>nd</sup> Monday of each month at 7:00 pm Earlham City Hall 140 South Chestnut Avenue · Earlham, IA 50072 **Gary Coffman, Public Works Supervisor** (515) 758-2281 · earlhamcityhall@mchsi.com

### ■ CITY OF JOHNSTON 1st & 3rd Monday of each month at 7:00 pm

Johnston City Hall 6221 Merle Hay Road · Johnston, IA 50131 **Shane Kinsey** P.O. Box 410 · Johnston, IA 50131 (515) 278-0822 · skinsey@cityofjohnston.com

#### ■ NEW VIRGINIA WATER WORKS

1st Saturday of each month at 7:30 am
Fire Station meeting room
506 West Street · New Virginia, IA 50210
Brent Baughman, City Clerk
506 West Street · New Virginia, IA 50210
(641) 449-3492 · bjbaughman@windstream.net

#### **■ CITY OF NORWALK**

1st & 3rd Thursday of each month at 6:00 pm Norwalk City Hall 705 North Avenue · Norwalk, IA 50211 **Tim Hoskins, Public Works Director** (515) 981-9527 · thoskins@norwalk.iowa.gov

#### **■ CITY OF PLEASANT HILL**

2<sup>nd</sup> & 4<sup>th</sup> Tuesday of each month at 6:30 pm Pleasant Hill City Hall 5160 Maple Drive, Suite A · Pleasant Hill, IA 50317 **Gary Patterson, Public Works Director** (515) 262-9465 · gpatterson@ci.pleasant-hill.ia.us **Des Moines Water Works Customer Service** (515) 283-8700 · customerservice@dmww.com

#### ■ POLK COUNTY RURAL WATER DISTRICT #1

Meetings as needed 660 NW 66<sup>th</sup> Avenue, Suite 4 · Des Moines, IA 50313 **Des Moines Water Works Customer Service** (515) 283-8700 · customerservice@dmww.com

#### **■ CITY OF RUNNELLS**

2nd Tuesday of each month at 7:00 pm Runnells City Hall 110 Brown Street • Runnells, IA 50237 Stephanie Herbold, Chief City Clerk (515) 966-2042 Des Moines Water Works Customer Service (515) 283-8700 • customerservice@dmww.com

#### **■ URBANDALE WATER UTILITY**

Meets monthly · Call 278-3940 for information Urbandale Water Utility 3720 86th Street · Urbandale, IA 50322 **Dale Acheson, General Manager** (515) 278-3940 · dacheson@urbandalewater.org

#### ■ WARREN WATER DISTRICT

3rd Monday of each month at 6:00 or 7:00 pm, as posted Indianola Farm Bureau Office Meeting Room 200 W. 2nd Avenue · Indianola, IA 50125 **Stan Ripperger, System Manager** 1204 East 2nd Avenue · Indianola, IA 50125 (515) 962-1200 · wwd@warrenwaterdistrict.com

#### ■ CITY OF WAUKEE

1st & 3<sup>rd</sup> Monday each month at 5:30 pm Waukee City Hall 230 Highway 6 · Waukee, IA 50263 **John Gibson, Director of Public Works** (515) 978-7920 · jgibson@waukee.org

#### ■ CITY OF WINDSOR HEIGHTS

1st & 3rd Monday each month at 6:00 pm Windsor Heights City Hall 133 66th Street · Windsor Heights, IA 50324 (515) 279-3662 **Des Moines Water Works Customer Service** 

(515) 283-8700 · customerservice@dmww.com

