



CITY of MERIDIAN 2017 ANNUAL

WATER REPORT



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THANK YOU

FOR CHOOSING THE CITY OF MERIDIAN AS YOUR PLACE OF RESIDENCE

The Meridian Water Division continues to work hard to provide safe drinking water!

Once again, we are very pleased to provide you with this year's Annual Water Quality Report. We celebrate yet another successful year of supplying drinking water that meets or surpasses state and federal drinking water standards. There are few things as important to us as the availability of clean drinking water. Our commitment to you is to remain vigilant in protecting our precious water resources while delivering the safest, highest quality drinking water at an affordable price.

EXCEPTIONAL SERVICE IN EVERY DROP

It has been yet another busy and exciting year for us as we have made tremendous progress in improving our water quality through the addition of two new water treatment facilities. These treatment systems are reducing our iron and manganese levels which are the cause of our brown water occurrences. In this year's report, we will take a close look at a new treatment process and explain how it helps reduce the naturally present iron and manganese.

Also included in this year's report are some useful conservation tips, important information and a map for next spring's flushing event, how you can help protect our drinking water, and how to interpret the enclosed water sample data. We even included some fun activities for our youth and an update of our dedicated Boy Scout volunteers, who, like in previous years, have been busy repainting hundreds of our City's fire hydrants and beautifying our neighborhoods.

We hope you enjoy this year's report and find the information useful and educational. We also invite you to join us for this year's National Public Works Week celebration in early June. We have several fun and educational events planned that include a 3k/5k fun run, Public Works Expo and guided tours of our utility operations. For details and dates, see page 6. Hope to see you there!



Dennis Teller, Water Superintendent



OUR WATER TREATMENT

The City of Meridian has completed and is operating three new water treatment facilities near the center and northwest areas of town. The goal of these facilities is to reduce our water's iron and manganese levels, the main cause of discolored water.

These facilities have improved overall water quality throughout their service areas. Iron and manganese levels in these treated waters have gone down an average of 98%. The City is currently constructing an additional facility on Stoddard Rd and is planning for the design of a fourth treatment facility on South Eagle Rd. These new facilities will help in the continued effort to improve City-wide water quality and reduce brown water occurrences.



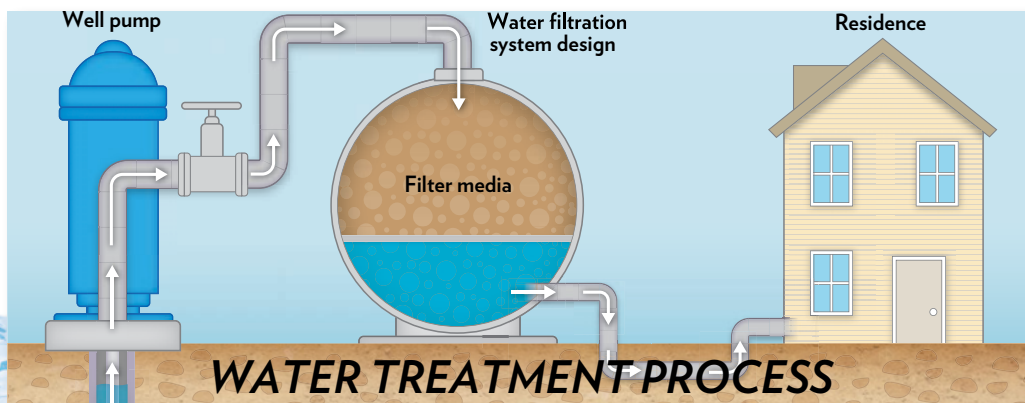
New Well 27 Treatment Facility

HOW OUR WATER TREATMENT WORKS

Water is pumped out of the ground and into a pressurized treatment vessel. This water is then filtered through a special media that removes the iron and manganese molecules that cause brown water. This filtered water is then disinfected and sent into the water distribution system and to your home. In 2016 alone, we were able to treat over 998 million gallons of water, causing a significant improvement in water quality in Meridian's downtown corridor and western portions of town.

We are also exploring alternative treatment techniques to increase our options and provide the optimal treatment process

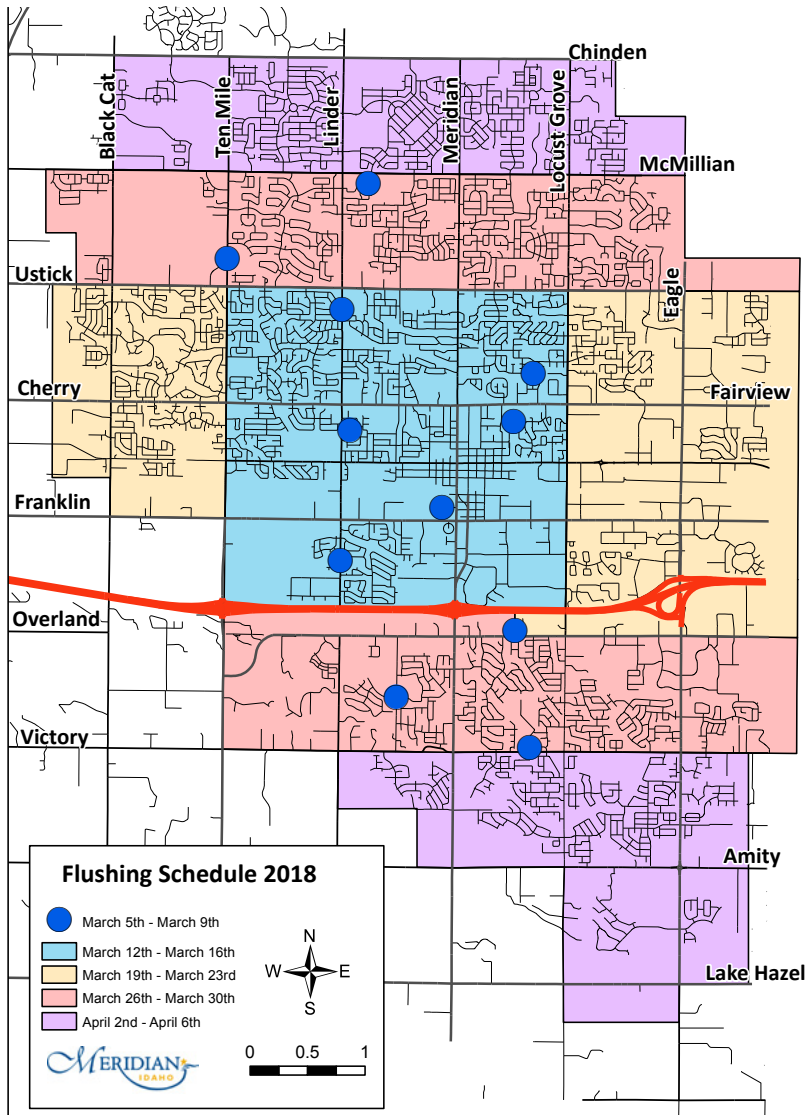
for each of our unique water sources. Of course, these studies and construction of such complicated treatment facilities take time and resources. We plan to complete our water treatment re-remediation projects for existing Wells by 2023. This would include the completion of 4 additional facilities that would encompass the southern areas of the City. With the completion of these proposed treatment facilities, we anticipate significant improvements in iron and manganese removal and the reduction of brown water occurrences City-wide. We appreciate your patience as we strive to improve the quality of the water delivered to your home.



FLUSHING SCHEDULE 2018

March 5 through April

Our Annual Water Line Flushing consists of two separate flushing "Events" beginning March 5, 2018.



Meridian conducts routine and non-routine flushing continuously throughout the year in an effort to reduce brown water occurrences and remove built up iron and manganese sediments. We send out mail inserts and flushing lists the month before flushing begins and post updates on Facebook, Twitter and Nextdoor before and throughout the flushing season. We also send out email notifications of these flushing activities with a flushing map 24 hours prior to work being done. If you would like to be added to our list of contacts, please email us at water@meridiancity.org and request to be added to our "flushing notice list".

▼ SCHEDULE FOR 2018 ▼

EVENT 1 March 5 - March 9

Event 1 is comprised of system wide transmission line flushing as marked on the map with a blue dot. This event can potentially affect a 1 mile area around the flushing point.

EVENT 2 March 12 - April 6

Event 2 is comprised of targeted Fire Hydrant flushing within subdivisions. These areas are color coded areas on the map and show when we are scheduled to be in your area. Fire Hydrant flushing can affect a quarter mile area around the flushing point.

Please contact us with any questions! [208-888-5242](tel:208-888-5242) | water@meridiancity.org.

HELPFUL TIPS DURING OUR FLUSHING EVENTS

FYI: Your tap water may temporarily appear red, brown or blackish in color. If this occurs, simply run your cold water faucets in your bathtubs at full stream for a few minutes until the water runs clear.

- ▶ To avoid any unwanted sediment build up in your hot water heater, you should always clear your lines using cold water taps like outside faucets, sinks and tubs.
- ▶ During this flushing period, you should check your clothes washers and icemakers for any sediment before using. These sediments are harmless and do not pose a health risk but can discolor clothes.
- ▶ If your faucets seem to be clogged or running slowly, simply remove the screens and rinse out.
- ▶ The water pressure inside your home may also fluctuate at times during flush events. This is only temporary and regular water pressure will resume once this flushing period is complete.

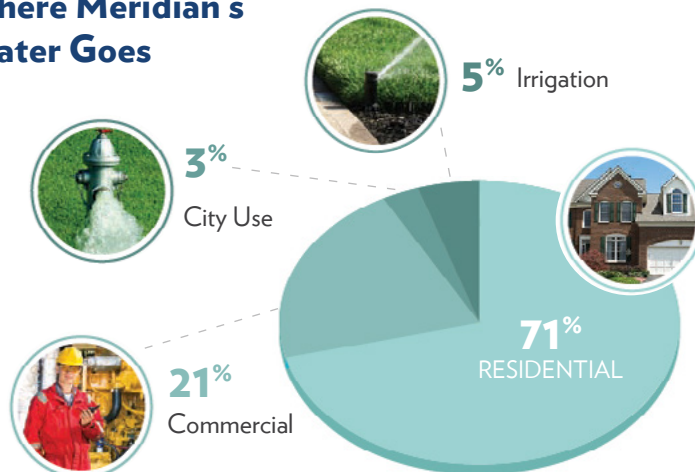
MERIDIAN'S WATER

*Where does it come from?
Where does it go?*

Most of the water that you use in your home comes from any of the 23 different wells located across the City that draw groundwater from three underground aquifers. An aquifer is a natural, underground layer of rock or sand that yields water. Groundwater is found in the spaces between the rock and sand. The water is drawn up through the wells, disinfected (treated in some cases) and distributed into our water system through over 535 miles of distribution lines.

This system services over 33,000 residential and commercial connections across five pressure zones, 24 hours a day, 7 days a week. Water Division staff continually monitor and perform water quality tests (over 2,000 last year) in order to ensure water quality within our distribution system is maintained. This ensures all drinking water delivered to you, our customer, meets or exceeds regulatory requirements and is safe to drink. Last year, Meridian used 3.6 billion gallons of water for its commercial and residential needs.

Where Meridian's Water Goes



10 EASY WAYS to ENGAGE with the CITY

1 Regularly visit the City of Meridian website at www.meridiancity.org.

2 Join Nextdoor or follow us on social media (@MeridianIdaho).



3 Watch weekly Meridian City Council meetings online, live streamed from the City website.

4 Sign up for our CityNews e-newsletter! Just click the envelope icon on our website.



5 Connect with Mayor Tammy! Read her blog, send her an email or follow her on social media - www.meridiancity.org/mayortammy.

6 Attend Meridian Town Halls, Coffee with the Mayor or other City Events. Learn more at www.meridiancity.org/events.

7 Volunteer for the City. Contact our Volunteer Coordinator to learn about exciting opportunities: 489-0562.

8 Consider applying to serve on a City board, commission, committee, or task force. Call 888-4433 to inquire about current vacancies or to put an application on file.

9 Participate in City-sponsored organizations such as the Mayor's Anti-Drug Coalition, the Mayor's Youth Advisory Council, or the Faith Ambassador Council.

10 Invite someone from the City to speak to your neighborhood association or other civic group on a topic of interest.

CITY of MERIDIAN

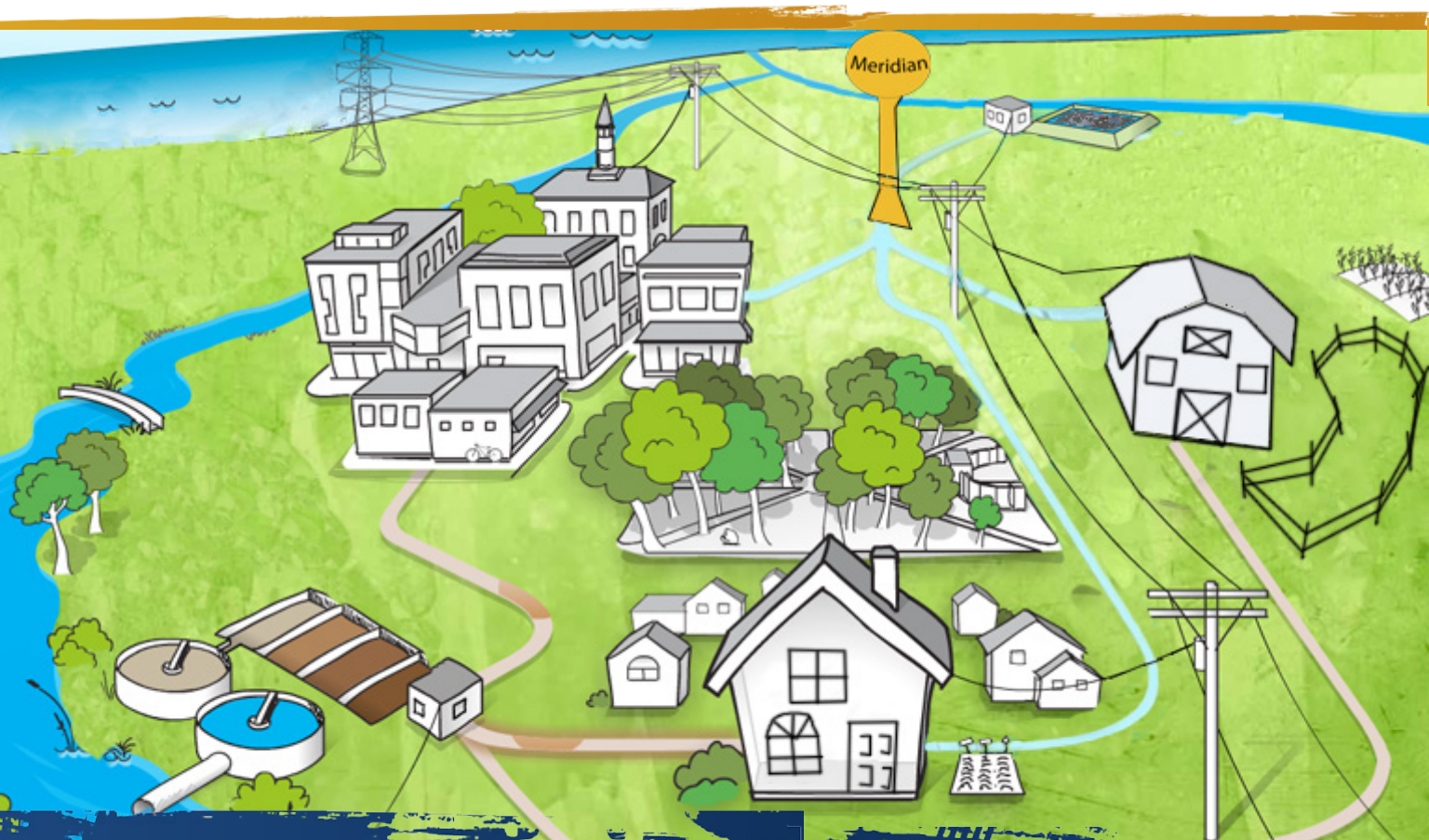
PUBLIC WORKS

WEEK 2017

JUNE

3 - 9

Public Works Week is a nationwide celebration of public works programs and activities highlighting what we do behind the scenes to provide our citizens with critical services that afford us the high quality of life we have come to appreciate in Meridian.



PUBLIC WORKS **CONNECTS US**

EVENT SCHEDULE

SATURDAY
JUNE 3

POOP SCOOT

3K walk/5K run

Starting Line: Tully Park, 2500 N Linder Road
Check-in: 7:30 am **Race:** 8:30 am
Finish line: Wastewater Resource Recovery Facility. Plant tour available.
Entry Fee: Canned food for the Meridian Food Bank.
Shuttle service available at end of race. Fun for the entire family!
Register online @ <http://www.meridiancity.org/PWW>



TUESDAY
JUNE 6

PROCLAMATION

6 pm Proclamation at City Council Meeting



WEDNESDAY
JUNE 7

GO WITH THE FLOW

Facility Tour

5:30 pm - 8:30 pm "Go with the Flow" Facility Tour (limited room - call now to reserve your space)

Location: Meridian City Hall, 33 E Broadway

First Come First Served... Space is limited, please pre-register. Box dinner provided. This tour will enable you to experience a wide range of Public Works operations including:

- Inside the Water Tower
- Water Well & Treatment Facility
- The Wastewater Resource Recovery Facility



THURSDAY
JUNE 8

EXPO! at City Hall

4 pm - 7 pm

- FREE Hot Dogs & Popcorn
- Large Equipment Show
- Fire Hydrant Flushing Demo
- Live Pipe Cleaning Demo
- Kids Activities
- Free Fun For Everyone
- Meet & Greet Public Works Staff



Learn what your Public Works Department does daily to provide you with essential City Services. **To register- call 898-5500.**



KID'S ACTIVITY

Search up, down, forward, backward, and on the diagonal to find the hidden words from the word list on the right!

L	R	S	C	U	H	F	O	C	E	A	N	P
R	U	U	L	D	G	C	P	H	A	I	L	R
N	E	E	N	E	L	Y	R	S	N	O	W	E
E	V	A	P	O	R	A	T	I	O	N	E	C
N	O	V	U	E	F	W	V	E	E	W	L	I
E	T	D	A	P	E	F	X	A	A	O	C	P
A	I	E	S	P	B	R	Z	T	C	T	Y	I
R	N	L	C	P	O	C	E	N	A	A	C	T
E	D	R	A	I	N	R	J	P	D	N	L	A
C	O	N	D	E	N	S	A	T	I	O	N	T
I	T	C	O	L	L	E	C	T	I	O	N	I
C	S	L	E	E	T	K	Q	O	R	U	C	O
Y	R	A	I	M	R	A	L	R	I	S	U	N

- CLOUD
- OCEAN
- RAIN
- SUN
- SLEET
- HAIL
- RUNOFF
- VAPOR
- CONDENSATION
- EVAPORATION
- COLLECTION
- WATER
- CYCLE
- PRECIPITATION
- SNOW



▼ Hunter Scoresby painting a fire hydrant

CITY OF MERIDIAN WATER DIVISION

would like to thank this year's Scouts for their service to the community and participation in Meridian's fire hydrant painting program. This year we had the pleasure of *hosting 2 Eagle Scouts* who, with the help of their volunteers, painted a combined total of 368 fire hydrants throughout the City of Meridian. This beautification effort in our community is greatly appreciated.

PLEASE JOIN US

in recognizing Hunter Scoresby and Mark Gray.

368

HYDRANTS PAINTED

Are you an **Eagle Scout** or **Cub Scout** or know one looking for a community service opportunity?

The City of Meridian Water Division has an opportunity just for you! Fire hydrant painting and beautification helps keep the community vibrant and hydrants visible for emergency services personnel. To learn more, contact us at 888-5242.



CONSERVATION AND YOU

LAWN IRRIGATION ACCOUNTS FOR NEARLY HALF OF HOMEOWNER WATER USAGE.

Most residences in the City of Meridian use pressurized irrigation to water their lawns during the summer and do not water with City Drinking Water. However, conservation is still a good idea to practice when watering your lawn. The greatest waste of water is watering too much, too often.

In the Treasure Valley, top area lawn care companies, researchers and agronomists agree that our established lawns need about one inch of water per week depending on the grass, soil properties, and weather conditions.



Replace old fixtures with high efficiency **WaterSense** faucets, toilets, washers and other plumbing appliances. Look for the **WaterSense** label on new appliances at www.epa.gov/watersense/product_search.html.



Bottle vs. Tap

If you're looking for ways to save money, make the smart choice of drinking tap water instead of bottled water. Tap

water is regulated by the EPA unlike bottled water. Bottled water is generally made from the same sources as tap water.

Bottled water costs up to 1,000% more than your tap water.

Add to that the environmental cost of the plastic, manufacturing, distribution and disposal of all those bottles and we think you'll agree—tap water can save you money and is the environmentally responsible thing to do!



1 gallon per minute
= 1,440 gallons per day or 10,080 gallons per week!

1/2 gallon per minute
= 720 gallons per day or 5,040 gallons per week!

The average toilet leaks 1/2 gallon per minute.

A good way to check for a toilet leak is to add a couple drops of food coloring to the back of your toilet, wait 10-15 minutes and check for color in your bowl. If color appears, you have a leak.



MORE WATER CONSERVATION TIPS!

Outside The Home

Select plants appropriate for Southwestern Idaho to minimize the need to water. If you don't know what those plants are, consult a nursery or call the University of Idaho Extension Office.

Group plants with the same watering needs together to avoid overwatering some and under watering others. To reduce evaporation, place mulch around plants.

Check the moisture around the root zone of your lawn or garden before watering. Use a spade or trowel to lift up the soil. If it is still moist 2 inches down, you don't need to water.

Add compost to your soil to improve its moisture retention.

Use sprinklers for larger gardens. Water smaller planting beds by hand to avoid waste.

DID YOU KNOW?
Outdoor water conservation efforts can pay off especially as we head into spring and summer.

Inside The Home

Repair leaky toilets and faucets immediately! Test to see if your toilet is leaking by placing a few drops of food coloring in the toilet tank. If the color shows up in the bowl after 15 minutes, you have a leak.

Use your water meter to check for leaks. Turn off all faucets and any appliance that uses water. Read your water meter. Wait 15 minutes and read it again. If the dial moved, chances are you have a leak. Call a plumber to help you find your leak and fix it right away.

Install water efficient toilets or retrofit older toilets by putting a displacement device in the tank.



Well 18 Production Facility



INFRASTRUCTURE SECURITY IMPROVEMENTS:

Safety and Security of Meridian's Drinking Water facilities and sources are a primary focus

of Meridian's Water Division. Removing the opportunity for unauthorized access, vandalism and tampering with these facilities is critical in ensuing service reliability and protecting Meridian's Drinking Water. Perimeter fencing, among other security measures, is currently being put in place to create a physical barrier to better prevent unwanted access to a number of our water production facilities.

This year, as an ongoing effort to install these security improvements, the City of Meridian will be reaching out to and collaborating with Homeowners Associations for assistance in designing and coordination of these improvement projects in their neighborhoods.



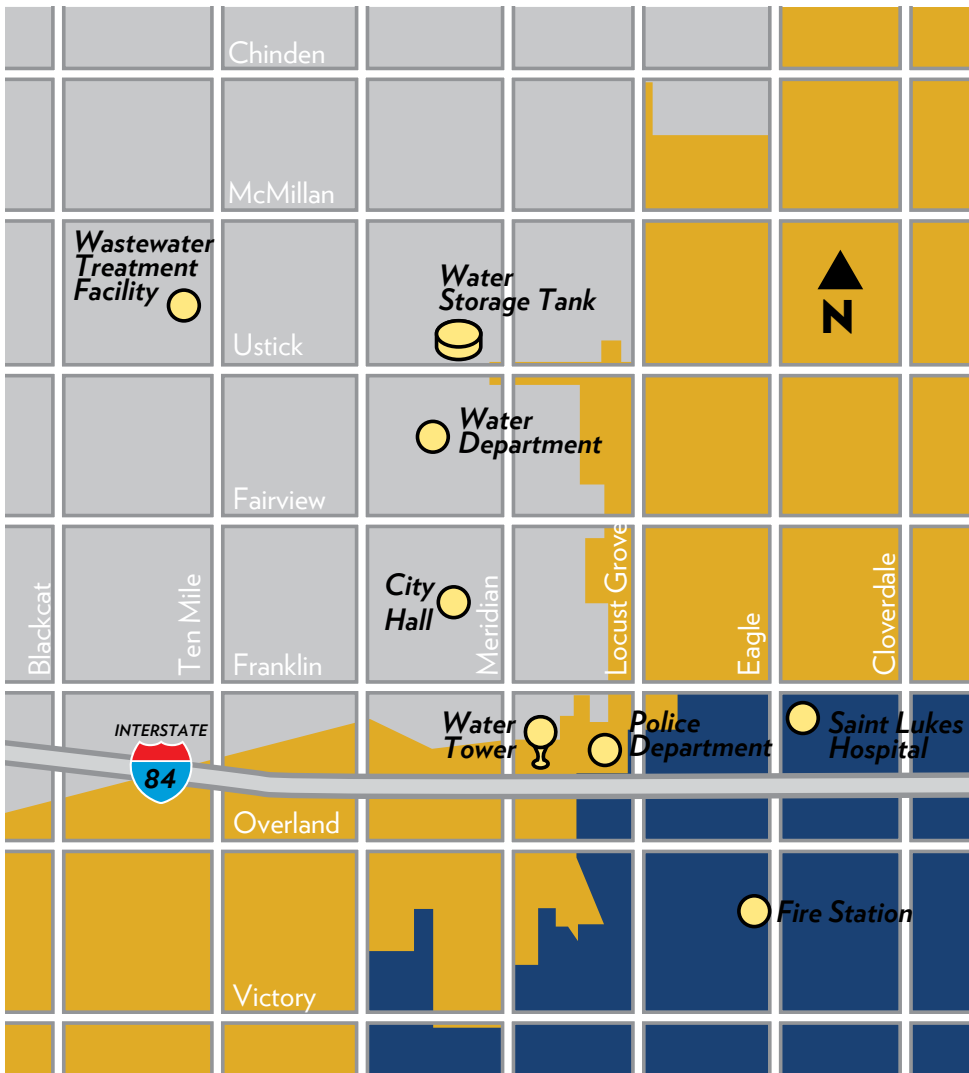
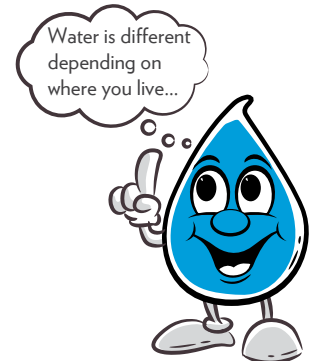
Well 14 Production Facility

Water Quality in Your Neighborhood

If you are installing or have a water softener, aquarium or pool that may require certain water quality data for operation or setup, please use this chart and map in assisting your setup or operating needs. Just roughly locate where you are on the map and use the corresponding chart to answer your water quality needs. If you have additional water quality questions, please feel free to contact our office at 208-888-5242 or email us at: water@meridiacity.org. We would be glad to assist you.

	ZONE 2	ZONE 3	ZONE 4
HARDNESS*	4.06 Grains per Gallon	5.3 Grains per Gallon	6.2 Grains per Gallon
IRON	.70 PPM	.47 PPM	.17 PPM
SODIUM	18 PPM	28 PPM	80 PPM
TDS*	134 PPM	183 PPM	340 PPM

Figures on this Chart are the average levels of minerals from wells that contribute to each zone



TERMS EXPLAINED

*Hardness: Dissolved calcium and magnesium, which may cause deposits on fixtures and dishes. Our average water hardness is 89.54 ppm or 5.22 grains per gallon. According to the National Research Council, hard water generally contributes a small amount toward total human dietary needs of calcium and magnesium.

**TDS: Total Dissolved Solids: Classified as secondary contaminant by the Environmental Protection Agency with a suggested maximum of 500 ppm. Concerns with secondary standards are related to aesthetic or cosmetic quality of the water rather than health concerns. TDS can give water a murky appearance and detract from the taste and quality of the water.

PROTECTING OUR WATER:

Backflow Prevention

Every time you turn on the faucet, you expect a flow of high quality, clean drinking water. Unfortunately, clean drinking water is something we all take for granted, but we shouldn't. We all need to do our part to protect our water supplies to ensure that our communities and homes have the clean water we expect each and every day.

These hazards are known as cross-connections and can result in contaminated water backflowing into your home's drinking supply without your knowledge. If your home's water supply becomes contaminated, your neighbors' water is at risk as well. That's because contaminated water from inside your house can backflow into the public water system and into the drinking water of those around you. Normally this wouldn't happen, but if the public water system loses pressure, backflow from your house can occur.

Visit www.meridiancity.org/backflow for an updated list of local professionals who can perform this testing for you.



Meridian inspectors testing a backflow prevention assembly.

CROSS CONNECTIONS

what you need to *know* about backflow...

A Cross Connection is a link between a consumer's drinkable water and potentially contaminated water lines, such as irrigation lines, private wells, tree and plant wells. If there is a change in pressure near a cross connection, water can flow backward into your home's plumbing and into your fresh water supply. This is known as backflow and it can pose serious risks. You could have a problem with backflow and not even know it. Irrigation systems, fire suppression systems, or just an everyday garden hose can cause undesirable or potentially contaminated water to enter into your potable water system. Because of the potential hazard cross connections can pose to you and the water system, the City of Meridian actively enforces the ordinances concerning backflow. These ordinances include requiring annual testing compliance for the thousands of existing backflow prevention assemblies located throughout our City.

Backflow prevention assemblies range from small vacuum breakers on household hose bibs to larger double check and reduced-pressure principal devices. The State of Idaho requires that these devices be tested annually and the results from these tests must be submitted to the City. The City of Meridian understands the inconvenience of incurring this testing cost and is offering a \$10.00 credit on utility bills to those who test their assemblies on time. Visit the Water Division's section of the City website at www.meridiancity.org/backflow for an updated list of local professionals who can perform this testing for you.

If you are not sure if you have the proper backflow protection on your plumbing system or if you have a possible Dual Connection in need of removal, please contact the Meridian Water Division at (208) 888-5242 or at backflow@meridiancity.org.

Dual connections are not allowed and must be removed, per City Resolution 10-763. Dual connections are physical connections between potable water (Drinking Water) lines and pressurized irrigation water lines. Connections between these two different sources can be dangerous as irrigation water is not meant for direct consumption.

Backflow prevention devices are critical in protecting the integrity of our community's water supply and must be tested annually. Please help us by doing your part and testing your assembly on time.



DID YOU KNOW?

COMMON HAZARDS IN AND AROUND YOUR HOUSE CAN CONTAMINATE YOUR DRINKING WATER AS WELL AS YOUR NEIGHBOR'S

IF YOU WOULD LIKE MORE INFORMATION ON HOW YOU CAN PROTECT YOUR HOME OR IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT US AT:

Meridian Water Division
2235 NW 8th Street
Meridian, ID 8346

Phone: (208) 888-5242
Fax: (208) 884-1159
water@meridiancity.org
backflow@meridiancity.org

Lead is a naturally occurring element found in small amounts in the earth's crust. While it has some beneficial uses, if present, elevated levels of lead in humans can cause serious health problems, especially for pregnant women and young children. Lead occurrence in drinking water is primarily from materials and components associated with water service lines and home plumbing fixtures. Lead can enter drinking water through corrosion of plumbing materials, especially where the water has high acidity or low mineral content.

The good news for Meridian is that our source water wells contain no traces of lead. Additionally, we have a relatively new water system with homes constructed primarily within the last 25 years. The materials more recently used in the construction of our homes and water systems have much lower lead contamination risk. Older homes and water systems constructed prior to the 1986 Reduction of Lead in Drinking Water Act (RLDWA), established by the Environmental Protection Agency (EPA), are more susceptible to higher lead levels as lead was a common material utilized for water systems and home plumbing construction. This rule mandated that materials utilized in all new home plumbing would be lead-free.

Recognizing that Meridian has a small percentage of homes in our area that were constructed prior to the 1986 RLDWA, we proactively sample for and monitor concentrations of lead in our drinking water. These samples are taken regularly at random homes throughout the City identified as being constructed during the time frames that lead was used in plumbing. Samples at these homes are collected at a faucet inside the home to represent water that would be directly consumed by a resident.

These results are shared with homeowners and reported to Idaho Department of Environmental Quality (IDEQ). In our latest 2016 sampling event, there were no lead level violations. Our reporting results were 0.009 Parts Per Million (ppm). Looking forward, we will continue to sample and monitor for lead. We are scheduled for two more sampling events in the next 12 months, one this summer and a second next spring.

Although the City of Meridian is responsible for providing high quality drinking water, it cannot control the variety of materials used in plumbing components in private residences, especially in older homes with potential for lead fixtures. If you reside in a residence that you feel may contain lead plumbing components in, there are ways to minimize your potential exposure to lead. If your water has been sitting for several hours, flush your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.

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 is available from the **Safe Drinking Water Hotline** or at <http://www.epa.gov/lead>. You can also visit our website at www.meridiancity.org/water or contact us at our office (208) 888-5242 or by e-mail at water@meridiancity.org.



LEAD...

GET THE FACTS REGARDING MERIDIAN'S DRINKING WATER

Lead contamination has been garnering increased attention both nationally as well as locally. In response to this, Meridian would like to take some time to explain in more detail the occurrences of lead in drinking water and, more specifically, effects of lead and how Meridian monitors for it.

INFRASTRUCTURE PROTECTION



Know what's below.
Call before you dig.

BEFORE YOU DIG CALL...

Have you ever walked along a street and noticed painted lines of all different colors marked about in no particular pattern and wondered what it was all about? Well, that's a good question and one we are often asked.

What you are looking at is actually a very important color code that utilities use to identify the locations of their buried facilities. **These colors are important as they identify the type of facility** such as electric lines, water lines, gas lines, etc., along with the direction that they run. Knowing the type and location of underground lines in advance of digging helps protect workers and property owners during excavations and helps prevent costly damages and service interruptions to these critical utilities.

□ WHITE:	Proposed Excavation
■ PINK:	Temporary Survey Markings
■ RED:	Electric Power Lines, Cables, Conduit and Lighting Cables
■ YELLOW:	Gas, Oil, Steam, Petroleum or Gaseous Materials
■ ORANGE:	Communication, Alarm or Signal Lines, Cables
■ BLUE:	Potable Water
■ PURPLE:	Reclaimed Water, Irrigation and Slurry
■ GREEN:	Sewer and Drain Lines

DID YOU KNOW?

If you plan on doing any excavation on your property (i.e. planting trees, etc.) please contact DIGLINE at 811. This single call will connect you to Idaho's one-call underground notification center which in turn will notify all of the utility providers in your area. Upon receiving notice, they will then mark their facility's around your property within 48 hours at no cost to you.



WATER QUALITY DATA

We routinely monitor for contaminants in your drinking water according to federal, state, and local standards. The State of Idaho requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are generally stable, not expected to vary from year to year, or the system is not considered vulnerable to this type of contamination. Therefore, some of our data, though representative, may be more than one year old. These tables show the results of monitoring for the period of **January 1st to December 31, 2016**, unless otherwise noted. For more information about this report, or for any questions relating to your drinking water, please contact us at water@meridiantcity.org.

INORGANIC CONTAMINANTS

Contaminant	Violation (Y/N)	MCL	MCLG	Lo Level Detected	Hi Level Detected	Test Date	Likely Source of Contamination
Arsenic	N	10	N/A	ND	ND	Dec 2016	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
Barium	N	2	2	ND	.080	Dec 2016	Discharge of drillings wastes; discharge from metal refineries; erosion of natural deposits.
Fluoride	N	4	4	ND	0.31	Dec 2016	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer & aluminum factories.
Nitrate (as Nitrogen)	Y	10	10	ND	3.9	Dec 2016	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.

Well 25 Nitrate sample was taken February 2017, not December 2016 due to maintenance and repair activities.

RADIONUCLIDES

Contaminant	Violation (Y/N)	MCL	MCLG	Lo Level Detected	Hi Level Detected	Test Date	Likely Source of Contamination
Gross Alpha	N	15	15	ND	ND	Dec 2016	Erosion of natural deposits.
Combined Radium	N	5	5	ND	.79	Aug 2016	
Uranium	N	30	30	ND	37	Aug 2016	

LEAD AND COPPER

Contaminant	Violation (Y/N)	90th Percentile	MCLG	Lo Level Detected	Number of sites above action level	Test Date	Likely Source of Contamination
Lead	N	6	N/A	ND	1	2016	Corrosion of household plumbing systems; erosion of natural deposits.
Copper	N	0.16	2	ND	.0	2016	

DISINFECTANT BY-PRODUCTS

Contaminant	Violation (Y/N)	MCL	MCLG	Lo Level Detected	Hi Level Detected	Test Date	Likely Source of Contamination
HHA	N	60	N/A	ND	.060	Dec 2016	By-product of drinking water chlorination.
THM (total)	N	80	2	ND	.008	Dec 2016	
CHLORINE	N	4	4	0.27	0.52	Nov 2016	Water additive used to control microbes.

BACTERIA

Contaminant	Violation (Y/N)	MCL	MCLG	Highest % Positive in a month	Total number positive	Likely Source of Contamination
Total Coliform	Y	>5%	0	5	5	Naturally present in the environment.

Meridian missed 1 coliform sample of 90 taken in the month of January due to inclement weather.

DEFINITIONS TO HELP YOU UNDERSTAND THE ABBREVIATIONS USED IN THIS REPORT

(AL) Action Level: The concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a community water system shall follow.

(HAA) Haloacetic Acids: By-products created when disinfectants used to treat water react with organic and inorganic material in source water.

(MCL) Maximum contaminant Level: The highest level of contaminant that is allowed in

drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

(MCLG) Maximum Contaminant Level Goal: The level of contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow a margin of safety.

Primary Standard: Federal drinking water regulations for substances that are health related. Water suppliers must meet all primary

drinking water standards.

Secondary Standards: Federal drinking water measurements for substances that do not have an impact on health. These reflect aesthetic qualities such as taste, odor and appearance. Secondary standards are recommendations, not mandates.

(THM) Trihalomethanes: Chemical compounds that can be formed when water is disinfected with chlorine.



PRSR STD
U.S. POSTAGE
PAID
BOISE, ID
PERMIT NO. 220

Water Division
2235 NW 8th Street
Meridian, ID 83646
Phone: (208) 888-5242
Fax: (208) 884-1159
water@meridancity.org
backflow@meridancity.org



Share This Important Information

If other people, such as tenants, residents, patients, students, or employees, receive water from you, it is important that you provide this Water Quality Report to them by posting it in a conspicuous location or by direct mail or hand delivery. For more copies or to receive this Water Quality Report in electronic format, please contact the Meridian Water Division at 208-888-5242 or email us at: water@meridancity.org.

Additional Information and Links

**Meridian Water Division
After Hours Emergency**
208-888-5242

Meridian Water Division
www.meridancity.org/water
208-888-5242

**Meridian Backflow
Prevention Program**
backflow@meridancity.org
208-888-5242

**Idaho Department of
Environmental Quality**
www.deq.idaho.gov
208-373-0550

**US Environmental Protection
Agency (EPA)**
www.epa.gov/safewater

Safe Drinking Water Hotline
800-426-4791

American Water Works Association
www.drinktap.org

Mayor
Tammy de Weerd
(208) 489-0529
mayortammy@meridancity.org

Public Works Director
Dale Bolthouse
(208) 898-5500
dbolthouse@meridancity.org

Water Superintendent
Dennis Teller
(208) 888-5242
dteller@meridancity.org

Council Members
Keith Bird
Luke Cavener
Ty Palmer
Joe Borton
Genesis Milam
Anne Little Roberts

“When the well’s dry, we know the worth of water.”
-Benjamin Franklin

www.meridancity.org

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