

The Big Lake Wave

April / May / June 2019

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2019 Spring Photo Contest

Happy Spring! The City of Big Lake is looking for new photos that define our beautiful city! We are inviting residents to submit photos that define Big Lake in the spring months.

Submission of a photo will release the photo to the City of Big Lake. The photo may be used on the City website, City Facebook page, and any other marketing material.

Be sure to capture what you love MOST about your City and share it with us! All photos can be submitted to Trisha Lindahl, Building Permit Technician/Administrative Assistant, at tlindahl@biglakemn.org by June 1, 2019. All submissions will be entered into a drawing.

Note: when submitting photos via email, make sure to select “**Actual Size**”. The bigger the picture size, the better!

B I G L A K E SPUD FEST

Supporting local youth and community since 1972!

JUNE 27TH TO JUNE 30TH, 2019



Some events planned for this year are:

Thursday, June 27 - Spud Fest Family Night at the Library, Carnival & Kid’s Karaoke (18 and under).

Friday, June 28 - Softball Tournament Kick off, Lakes Run (8K Run), Carnival, Bingo, Beer, Live music by SHANE MARTIN, and last but not least FIREWORKS by Northern Lighter Pyrotechnics at dusk.

Saturday, June 29 - Softball Tournament, Spud Run Motorcycle Ride, PARADE, Carnival, Bingo, Beer, Big Lake Ambassador Coronation, Live music by SWEET SIREN and NEW this year—Food Truck Fest!

Sunday, June 30 - Softball Tournament, Potato Pancake Breakfast by the Big Lake Lions Club, Fiddlers Contest, Special Potato Soup Recipe Contest, Carnival, Bingo, Beer, and the Kid Power Pedal Pull.

WOULD YOU LIKE TO HELP WITH THIS COMMUNITY EVENT? VOLUNTEERS ARE NEEDED!

www.biglakespudfest.com

Pet License: Attention Pet Owners

- ⇒ Pet licenses are \$10 every 2 years. Please provide current rabies vaccination when purchasing or renewing a dog license.
- ⇒ If you receive a pet renewal notice from City Hall and you no longer own the pet, please notify us at 763-263-2107 so we can remove the pet from our data base.



Peddler/Solicitor Permits

- ◇ Door-to-door sales in the City of Big Lake require a permit from the City. Transient Merchants, Peddlers who sell merchandise, and Solicitors selling services door-to-door all require a permit or a registration from City Hall. If you are visited by a door-to-door salesperson, ask to see their City of Big Lake issued permit. If the salesperson does not have the required permit, call 911 to report the incident. Any information you can provide to the police will be helpful (vehicle license number, make and color of vehicle, etc.). The police will attempt to contact the seller and inform him/her of the permit requirements.
- ◇ All citizens have a right to prohibit a salesperson from approaching their door. Post a “No Peddler/Solicitation” sign at your door. It is illegal for a salesperson to Solicit or Peddle at a premise where this sign is posted.
- ◇ Remember—A solicitor may not remain on your property after you have asked him/her to leave.



City Offices Will be Closed in Observation of the Following Holidays:

- * Monday, May 27 - Memorial Day
- * Thursday, July 4 - Independence Day



Sign up TODAY!

**Parks
Advisory
Committee
Opening**

VOLUNTEER!

Application Submittal

Big Lake City Hall
160 Lake Street North
Big Lake, MN 55309

Attn: Mike Goebel, Public
Works Director
763-263-2268
mgoebel@biglakemn.org

Any City resident interested in serving on the Parks Advisory Committee may apply to City Hall by a letter addressed to the City of Big Lake. Please describe your reason(s) for applying as well as your employment and/or educational background which may be relevant to the position. Letters of Application should be mailed to or dropped off at Big Lake City Hall. Applications will be accepted until the vacancy is filled.

NOTICE TO RESIDENTS

The City of Big Lake has TWO (2) vacancies on the Parks Advisory Committee.

The Parks Committee meets on the second Monday of each month at 6:30pm and serves in the following capacities:

1. As a liaison between city government and the community;
2. As a resource for new and existing neighborhoods, groups, and civic organizations seeking information concerning the Big Lake park system;
3. Assist city government in setting open space, land acquisition and development policies;
4. As a body to make recommendations to the City Council relating to specific parks, trails/sidewalks, and open space development; and
5. Assist City Council in researching a variety of funding sources for the Capital Improvement Program and related park development.



FIX-IT CLINIC

Saturday, May 14, 2019

11:00am - 1:00pm

Big Lake Senior Center

Located in City Hall

160 Lake Street North, Big Lake, MN

Do you have broken or damaged items lying around the house? Instead of sending them to a landfill, get them fixed and learn valuable repair skills!

Examples of what to bring include small appliances and items such as clothing, curtains, jewelry, coffee makers, fans, toys, lamps, stereos, blenders, frames, etc...



Volunteers Needed!

People with skills in electronics repair, electrical repair, sewing, wood working, or general tinkering are needed to make this event a success!

If you are interested in volunteering or have any further questions, please contact Corrie Scott at 612.297.6331 or cscott@biglakemn.org.

*****WATER SHUT OFFS WILL BEGIN APRIL 26, 2019*****

Beginning April 1, 2019, the City of Big Lake will be mailing out notices to property owners for delinquent water bills. There will only be one notice given. If your account is still delinquent on April 26, 2019, your water service may be disconnected.

Pay online at www.biglakemn.org or by phone with PSN at 877-885-7968. **PSN**
 No longer want to receive the paper bill in the mail? Opt out of the paper bill to receive an email bill and also a 50¢ credit monthly.

Invasive Aquatic Plant Management

Due to the infestation of Eurasian Waterfoil in Big and Mitchell Lakes, the City of Big Lake and the Big Lake Community Lake Association plan on chemically treating this invasive species sometime in early summer 2019. The areas to be treated will be determined this spring once the plant starts growing. All treatment will be performed by a licensed commercial applicator specializing in this type of work. The method and chemicals used will be approved and determined by the Minnesota Department of Natural Resources. Treatment will be per maximum allowed by the Minnesota Department of Natural Resources. There is no cost to the property owners on the lakes, but as a lakeshore landowner you may request that control does not occur adjacent to your property. If you are requesting that treatment does not occur adjacent to your property, please call Mike Goebel at 763-251-8010 by April 26, 2019.



Great River Regional Library—Event Schedule

April

- ⇒ Annual Spring Book Sale - Friday 4/5, Saturday 4/6 & Monday 4/8 (during library hours)
- ⇒ Storytime - Fridays (5, 12, 19, 26) @ 10:30 a.m. - 11:00 a.m.
- ⇒ Adult Friends of the Big Lake Library - Monday, April 1 @ 5:30 p.m. - 6:30 p.m.
- ⇒ ECFE @ the Library - Tuesday, April 23 @ 11:15 a.m. - 12:00 p.m.

May

- ⇒ Storytime - Fridays (3, 10, 24, 31) @ 10:30 a.m. - 11:00 a.m.
- ⇒ Adult Friends of the Big Lake Library - Monday, May 6 @ 5:30 p.m.- 6:30 p.m.
- ⇒ Flower Art - Wednesday, May 8 @ 4:00 p.m. - 4:45 p.m.
- ⇒ Yoga Storytime - Friday May 17 @ 10:30 a.m. - 11:00 a.m.
- ⇒ ECFE Storytime @ the Library - Tuesday May 14 @ 11:15 a.m. - 12:00 p.m.

June

- ⇒ No events scheduled yet



For more information, go to the GRRL website at www.griver.org

Hours of Operation:

- Monday** 1:00 p.m. - 7:00 p.m.
- Tuesday** 10:00 a.m. - 1:00 p.m.
- Wednesday** 1:00 p.m. - 7:00 p.m.
- Thursday** 2:00 p.m. - 6:00 p.m.
- Friday** 10:00 a.m. - 5:00 p.m.
- Saturday** 10:00 a.m. - 1:00 p.m.
- Sunday** Closed



MUSIC IN THE PARK SCHEDULE

SUMMER CONCERT SERIES
LAKESIDE PARK - BIG LAKE, MN

MUSIC in the PARK 2019

DATE:	BAND	TYPE OF MUSIC
June 6, 2019	Rockin' Hollywoods	50's-80's rock and roll
June 13, 2019	The Plott Hounds	Country/Southern Rock/Blues
June 20, 2019	Lady Luck	Rock/Pop/Country
June 27, 2019	Outside Recess	70's - 90's rock and roll
July 4, 2019	The CastAway's	50's-80's rock and roll
July 11, 2019	Plaid to the Bone	Country / Rock / Variety
July 18, 2019	ThrillBillies	Country rock/Southern Rock
July 25, 2019	Southbound	Classic sounds of Rock
August 1, 2019	Band 51	Modern Alternative Rock
August 8, 2019	Bob and the Beachcombers	50's-modern rock and roll
August 15, 2019	Shane Martin	Country/Southern Rock
August 22, 2019	The Vinny Rose Band	50's-present Rock /Country/Classic

This activity is made possible by the vote of Minnesota through a grant from the Central MN Arts Board, thanks to a legislative appropriation from the arts and cultural heritage fund.

CMAB

Legacy FOUNDATION of BIG LAKE

Thursdays - June, July, August
7-8:30 pm

Preserving the past
Living the Present
Forming the future

BIG LAKE TOWNSHIP • ORROCK TOWNSHIP • CITY OF BIG LAKE

2019 RECYCLING DAY

Saturday, May 18th

ITEMS ACCEPTED

- **Appliances**
Stoves/Microwaves/Dishwashers/Freezers
Refrigerators/Washers/Dryers/Water Heaters/Water Softeners/Dehumidifiers
Furnaces/Air Conditioners
- **Televisions/Monitors**
 - CRT
 - Rear Projection
 - Wood Console
- **Computers & Electronics**
Copiers/Printers/Fax & All in One Machines
Stereos/VCR/DVD/Gaming Systems
Vacuums/LED LCD Monitors & TVs
Tires MUST BE REMOVED FROM RIMS
 - Car & Light Truck
 - Tractor
- **Lawn Mowers WHEELS REMOVED PRIOR TO ENTRANCE**
- **CFL Bulbs (Fluorescent) (LIMIT 10)**
- **Lawn Tractors/Snowmobiles & 2-cycle Engines REMOVE SEATS, TRACKS, HOODS, WHEELS, DRAIN ENGINE, PULL DRAIN PLUGS PRIOR TO ENTERING**
- Scrap Metal
- Vehicle Batteries

RESIDENTIAL ONLY
NO COMMERCIAL ACCOUNTS

Cash OR Checks Accepted
Checks Payable to: "TOWN OF BIG LAKE"

GATES OPEN
8 AM - 1 PM



QUESTIONS
CALL 763-263-8111 OR 763-241-8787

Town of Big Lake Maintenance Bldg.
20150 166th St. NW
Map to Big Lake
RECYCLING CENTER



Municipal Liquor Store

Please let staff know if there are customer requests. We continue to rotate and bring in new products weekly. Thank you for helping us pour profits back into your community!

SPUDFEST is June 27-30, 2019. Come enjoy the fun and support your community.

Discount Days:

- ◇ Monday: Senior Discount (age 62+) - 10% off regular priced items.
- ◇ Tuesday: Wine Day - 10% off regular priced wines.



In addition to our discount days, we have created deep case discounts on many of your favorite spirits. We also offer case discounts on wine and spirits every day. Customer requests are welcome.

Join the *Lake Liquor Loyalty Club* to earn points towards \$ discounts and other savings. Sign up at Lake Liquors.

The store will be closed on Easter Sunday, April 21, 2019.

 Like us on Facebook **Lake Liquors**

 Visit our website
www.biglakemn.org

Regular Store Hours:

Monday—Saturday: 9:00 a.m. to 10:00 p.m.
Sunday: 11:00 a.m. to 4:00 p.m.

Permit Reminders

Information in this article is intended for residents and other property owners within the City of Big Lake, who are looking to undertake building additions and other improvements.

Staff is asked quite often whether or not a particular project requires a Building Permit. The most accurate way to answer that question is for the property owner or Building Contractor to complete a permit application for a thorough review. Once a scope of work is defined, the Building Inspector can make the determination if a permit is required and if so, what type of permit and the inspections that will be required. It is always best to contact City Hall to see what, if any, permits may be required prior to starting your project.

Generally, Building permits are required for:

- Any new structure
- Alterations or additions
- Demolition
- Replacing or installing a fireplace, furnace or air conditioner
- Replacing or installing a water heater or water softener
- Re-roofing or re-siding a building
- Window and/or door replacement
- Detached accessory buildings over 200 square feet (sheds)
- Swimming pools, hot tubs, and spas that are more than 24 inches deep or have 150 square feet of surface area *except* for temporary storable swimming pools that are only set up outdoors between April 1 and October 31 each year. Storable swimming pools do not require a permit but still must follow most of the same setback rules as permanent swimming pools.



Building applications are available at City Hall or on the City website www.biglakemn.org under the “Departments” tab then “Building” tab.

Generally, Zoning permits are required for:

- One story, detached accessory buildings 200 square feet or less (sheds)
- Fences, driveways and parking pad installations

Zoning applications are available at City Hall or on the City website www.biglakemn.org under the “Departments” tab then “Planning & Zoning” tab.

Generally, Engineering permits are required for:

- Retaining walls over 4 feet tall measured from the bottom of the footing
- Lakeshore restoration
- Right-of-way permits

Engineering applications are available at City Hall or on the City website www.biglakemn.org under the “Departments” tab then “Engineering” tab.

You may send the completed application via mail; 160 Lake St N, Big Lake, MN 55309 or email to t lindahl@biglakemn.org. If you have any questions, contact Trisha Lindahl at 763-251-2971.

Fire Department

The Big Lake Fire Department wants to recognize newly hired recruits who have completed their Firefighter I, Firefighter II, Hazmat and EMR training. The new recruits are *Terry Baxter, Sam Hanson, Justin Hattesohl, Jesse Hemauer, Jeremy Kokesch* and *Noel Krebs*.

The Fire Department would also like to congratulate *Tim Davis* for 25 years of service, *Seth Hansen* for 10 years of service and retired firefighter *Nick Feister* for having served the Big Lake Fire Department for 20 years.

Spring has arrived! This is a good time to check your smoke detectors and carbon monoxide detectors to make sure they are in good working order and to replace batteries. With that being said, each smoke and carbon monoxide detector has a life expectancy of 10 years. After 10 years, they can give a false alarm, may not work properly, or not work at all.

In the next few months, the Big Lake Fire Department will be training on bus extrication, solar field fires and high level rescue (with Elk River and Becker Fire Departments). Big Lake Fire Department trains for over 120 hours each year, per firefighter.



The Fire Chief and Fire Department Members 'THANK YOU' for your continued support and wish you and your families a safe summer!

2019 Lakeside Park Passes are now available!

Seasonal parking stickers for Lakeside Park are now available at Big Lake City Hall and Lake Liquors during regular business hours. Proof of residency will be required to receive the City resident rate. License plate information will also be required on all passes. Park stickers are required from May 1 to October 31.

Seasonal Pass Rates:

City Residents: Person(s) living within City limits
 \$10.00 - Vehicle Only Pass
 \$20.00 - Vehicle/Trailer Pass

Non-Residents: Person(s) living outside City limits (includes Big Lake, Becker, Orrock Townships)
 \$30.00 - Vehicle Only Pass
 \$40.00 - Vehicle/Trailer Pass

Daily Passes are available at Lakeside Park.
 \$5.00 per day for vehicle only
 \$15.00 per day for vehicle/trailer

Lakeside Park is open 7 days a week from 5 a.m.-10 p.m.
 No pets or glass containers allowed.

MOVIE IN THE PARK
 BRING YOUR FAMILY FOR A
FREE NIGHT OF FUN!

Ralph Breaks the Internet
 Friday, June 14th
 LAKESIDE PARK

Prizes and Drawings for all Ages!

Movie Starts at Dusk (approximately 9:45pm)

Activities 7:30pm-9:30pm

- Petting Zoo
- Dojo Karate Bounce House
- Face Painting
- Free Ice Cream Treats
- Visits by Royal Performance Company Characters
- Wear your favorite Disney Costume!
- Local Food Truck Onsite

ROCKET FOR CONFESSIONS!

More details on the City Website at www.biglakemn.org.

All events for the evening's programs are brought to you by the financial support of the following sponsors:

Big Lake American Legion • Big Lake Knights of Columbus
 Big Lake Spud Fest • Climb Theatre



Big Lake Farmers Market
 Lakeside Park
 101 Lakeshore Drive, Big Lake, MN 55309

Wednesdays from 3-7pm • June - August
Wednesdays from 3-6pm • September
 Second Wednesday of the month Seniors 55+ receive \$3 coupon
 Third Wednesday of the month is Kids Day!

Debit/Credit & Snap/EBT Accepted
 Market Bucks Match Program
 Live Weekly Musicians
 Free Kids Activities
 Food Trucks
 Vendor Products:
 Homemade and homegrown produce, baked goods, meat, eggs, syrup, honey, mushrooms, salsa, pickles, jam, crafts, and more!

www.biglakemn.org

Questions? Contact Carrie at 612.297.6331 or cscoff@biglakemn.org

Police Department



2018 What a Year—"Minnesota's Safest City (Over 10,000 Residents)"

As every year closes out, we anxiously await the release of our crime statistics by the Minnesota Bureau of Criminal Apprehension (BCA). All law enforcement agencies in Minnesota provide their crime and arrest data on a constant basis to the BCA. The BCA, in turn submits this data to the FBI which results in rankings for our Part I, and Part II Index Crimes. Part I Index Crimes are serious offenses such as; murder, rape, arson, burglary, felony assault, and so forth. Part II Index Crimes are comprised of such things as vandalism, theft, alcohol violations, and quality of life crimes. Our success is weighted heavily on our standings in Part I Crimes.

In a recent study of these 2018 year-end crime statistics, we were ranked Minnesota's Safest City, for those having a population over 10,000 residents. HOW AWESOME IS THAT!! Why is our crime rating important? One of the foremost considerations for new residents is that of safety for them, and their families. Having a low crime rate allows us to market our overall livability here in Big Lake, protects your home value, and ensures you to have the highest quality of life possible. We provide something our neighbors in larger metro areas don't, incredibly low crime rates (see chart).

Our crime rates are a testament to the quality of officers we have patrolling your community, as well as the quality of residents who select Big Lake as their home! The Big Lake Police Department has released the 2018 Annual Report and Video Overview. You can view it on our BLPD Facebook page, and Nextdoor.com.

Jurisdiction	Part I	Part II	Combined
Big Lake	559	3,327	4,119
Becker	705	2,777	3,731
Elk River	1,858	4,148	6,095
Princeton	3,935	3,808	7,764
Waite Park	8,223	7,968	16,405
Minneapolis	5,768	5,360	11,213
10 th Judicial District	1,084	1,938	3,022

As some high points for 2018, our officers and staff;

- Initiated over 5,100 traffic stops, removing 89 impaired drivers, 176 revoked drivers, and issuing 966 citations.
- Made 583 arrests, including 25 felony narcotic arrests.
- Had a 79% clearance rate for cases resulting in prosecution, compared to the state average of 50%.
- Participated in 353 community events, 834 business security checks, and 61 predatory offender checks.
- Our department contains 125 years of combined service to the City of Big Lake Police Department.
- Responded to 13,102 calls for services, compared to 7,007 in 2008.
- Continue with innovated policing programs including; Our Unmanned Aerial Vehicle Program, Canine Program, and Community Service Officer Program.

For 2018 we studied our data to determine who our officers typically have contact with. The results were very interesting to us;

- 76% of our impaired driving arrests were non-Big Lake Residents.
- 82% of our felony narcotic arrests were non-Big Lake Residents.
- 72% of our traffic citations were non-Big Lake Residents.

As always, I welcome discussion and feedback about how we are doing in the community, or just the opportunity to visit with our citizens. Please remember to like us on Facebook, and join us on Nextdoor.com. Please feel free to stop by our office, call me at 763-251-2985, or email at; jscharf@biglakepolice.com. Joel D. Scharf - Chief of Police

Business Spotlight Big Lake Area Veterinary Hospital



The Big Lake Area Veterinary Hospital is a full-service veterinary medical facility that was founded in 1997. They are located right off County Road 43 and Hwy 10. Their staff is committed to promoting responsible pet ownership, preventative health care, and health-related educational opportunities for their clients in Big Lake and surrounding areas.

The Big Lake Area Veterinary Hospital specializes in dogs, cats, rabbits, and small mammals. Their services include wellness exams, vaccinations, surgery, pain management, radiology, internal medicine, dental care, euthanasia, nutritional counseling and microchipping. They also maintain a fully stocked pharmacy.

The Big Lake Area Veterinary Hospital has established a great relationship with Big Lake Schools. They currently have a high school student employed through the Work-Base Learning Program and they have also offered a few shadowing opportunities for students. Also, they provide an annual scholarship to a graduating senior and sponsor a classroom at Independence Elementary.

Reminder: It's spring! It's time to start your animals on their parasite (heartworm and intestinal) prevention, as well as their flea and tick prevention.



Big Lake Area Veterinary Hospital

2018 City of Big Lake Drinking Water Report

The City of Big Lake is mandated (required) to send out by US Postal Service, a detailed Drinking Water Report annually. Previously, the City was required to publish the report in the local newspaper. Once the City's population exceeded 10,000 residents, the requirement changed to sending the report out by mail. The report is being included in this edition of the City Newsletter which is mailed to all City residents and businesses. In the future, this information will be sent out annually in the 2nd Quarter edition of the newsletter.

City of Big Lake

PWSID: 1710002

2018 Drinking Water Report

The City of Big Lake is issuing the results of monitoring done on its drinking water for the period from January 1 to December 31, 2018. The purpose of this report is to advance consumers' understanding of drinking water and heighten awareness of the need to protect precious water resources.

Source of Water

The City of Big Lake provides drinking water to its residents from a groundwater source: six wells ranging from 178 to 230 feet deep, that draw water from the Mt. Simon, Mt.Simon-Fond Du Lac, Mt.Simon-Red Clastics, and Mt. Simon-Hinckley Aquifers.

The Minnesota Department of Health has made a determination as to how vulnerable our systems' source(s) of water may be to future contamination incidents. If you wish to obtain the entire source water assessment regarding your drinking water, please call 651-201-4700 or 1-800-818-9318 (and press 5) during normal business hours. Also, you can view it on line at www.health.state.mn.us/divs/eh/water/swp/swa.

Contact Mike Goebel, Public Works Director at 763-251-8010; mgoebel@biglakemn.org if you have questions about the City of Big Lake drinking water or would like information about opportunities for public participation in decisions that may affect the quality of the water.

Results of Monitoring

The table that follows shows the contaminants that were detected in trace amounts last year. (Some contaminants are sampled less frequently than once a year; as a result, not all contaminants were sampled for in 2018. If any of these contaminants were detected the last time they were sampled for, they are included in the table along with the date that the detection occurred.)

Key to abbreviations:

- **MCLG—Maximum Contaminant Level Goal:** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- **MCL—Maximum Contaminant Level:** The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- **MRDL—Maximum Residual Disinfectant Level.** The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
- **MRDLG—Maximum Residual Disinfectant Level Goal.** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- **AL—Action Level:** The concentration of a contaminant which, if exceeded, triggers treatment or other requirement which a water system must follow.

- **EPA: Environmental Protection Agency.**
- **Level 1 Assessment:** A level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
- **Level 2 Assessment:** A level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
- **pCi/l—PicoCuries per liter (a measure of radioactivity).**
- **ppm—Parts per million, which can also be expressed as milligrams per liter (mg/l).**
- **ppb—Parts per billion, which can also be expressed as micrograms per liter (µg/l).**
- **PWSID: Public water system identification.**
- **N/A—Not Applicable (does not apply).**
- **TT (Treatment Technique):** A required process intended to reduce the level of a containment in drinking water.
- **NTU (Nephelometric Turbidity Units):** A measure of the cloudiness of the water. (turbidity).

*This is the value used to determine compliance with federal standards. It sometimes is the highest value detected and sometimes is an average of all the detected values. If it is an average, it may contain sampling results from the previous year.

Contaminant (units)	MCLG	MCL	Level Found		Typical Source of Contaminant
			Range (2018)	Average/Result*	
Gross Alpha (pCi/l)	0	15.4	N/A	14	Erosion of natural deposits.
Combined Radius (2017) (pCi/l)	0	5.4	N/A	2.1	Erosion of natural deposits.
Fluoride (ppm)	4	4	0.54-0.65	0.6	State of Minnesota requires all municipal water systems to add fluoride to the drinking water to promote strong teeth; Erosion of natural deposits.
Haloacetic Acids (HAA) (ppb)	N/A	60	4.70-5.60	5.6	By-product of drinking water disinfection.
Nitrate (as Nitrogen) (ppm)	10	10.4	2.20-4.40	4.4	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
TTHM (Total trihalomethanes) (ppb)	N/A	80	8.10-13.90	13.9	By-product of drinking water disinfection.
Barium (04/13/17) (ppm)	2	2	N/A	.06	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposit.
Chlorine (ppm)	4	4	0.58-.079	.70	Water additive used to control microbes.

Contaminant (units)	MCLG	AL	90% Level	# sites over AL	Typical Source of Contaminant
Copper (ppm) (07/22/2016)	0	1.3	.34	0 out of 30	Corrosion of household plumbing systems.
Lead (ppb) (07/22/2016)	0	15	2.8	1 out of 30	Corrosion of household plumbing systems.

****Highest and Lowest Monthly Average.

*****Highest Quarterly Average.

UNREGULATED CONTAMINANTS—Tested in drinking water.			
Contaminant	Comparison Value	Average Result	Test Results
Manganese (ppb)	100	10.6	N/A
Haloacetic Acid (HAA6Br) (ppb)	N/A	3.39	3.35-3.43
Haloacetic Acids (HAA9) (ppb)	N/A	5.16	5.12-5.21

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. City of Big Lake is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can 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 is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Monitoring may have been done for additional contaminants that do not have MCLs established for them and are not required to be monitored under the Safe Drinking Water Act. Results may be available by calling 651-201-4700 or 1-800-818-9318 during normal business hours.

Compliance with National Primary Drinking Water Regulations

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 minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants*, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants*, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides*, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- *Radioactive contaminants*, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the U. S. Environmental Protection Agency (EPA) prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Drinking 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. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

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 about drinking water from their health care providers. EPA/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 at 1-800-426-4791.

BIG LAKE TOWNSHIP ORROCK TOWNSHIP CITY OF BIG LAKE

2019 RECYCLING DAY

Saturday, May 18th - 8 AM - 1 PM

Location: Town of Big Lake Maintenance Bldg. 20150 166th St. NW, Big Lake MN

RESIDENTIAL ONLY - NO COMMERCIAL ACCOUNTS

ONLY ITEMS LISTED ON THIS FLYER WILL BE ACCEPTED!!
 CHECK WITH LOCAL CHARITABLE ORGANIZATIONS TO DONATE GENTLY USED ITEMS
 DISPOSE OF WELL USED ITEMS IN YOUR TRASH CONTAINER
 CONTACT YOUR WASTE HAULER TO PICK UP LARGER WELL USED ITEMS
 CHECK LOCAL LISTINGS FOR INFORMATION ON DISPOSING OF OTHER UNACCEPTED ITEMS

Town of Big Lake: 763-263-8111 OR Metro Appliance Recycling: 763-241-8787

**** COMPLETE AS MUCH AS YOU ARE ABLE PRIOR TO REACHING GATE ****

Payment must be in the form of CASH or CHECK PAYABLE TO "TOWN OF BIG LAKE"

Circle where you live: BIG LAKE TOWNSHIP ORROCK TOWNSHIP CITY OF BIG LAKE

Address: _____

(Cutout and Bring to Recycling Day)

ACCEPTED ITEMS	QTY	X	Cost		Total \$
<u>APPLIANCES</u> - Stoves/Microwaves/Dishwashers/ Freezers/Refrigerators/ Washers/Dryers/ Water Heaters/Water Softeners/Dehumidifiers/ Furnaces/Air Conditioners		X	\$10 /each	=	\$
<u>EXERCISE EQUIPMENT</u> – Ellipticals/Stationary Bikes/Tread mills		X	\$15 /each	=	\$
<u>TVS/MONITORS</u>		X	\$25 /each	=	\$
TUBE		X	\$50 /each	=	\$
REAR PROJECTION/WOOD CONSOLE		X	\$50 /each	=	\$
<u>COMPUTERS/ELECTRONICS</u> - Copiers/Printers/All in One Machines/Stereos/VCR/DVD/Gaming Systems/ Vacuums/LCD LED Flat Screen Monitors & TVs/Speakers		X	\$5 /each	=	\$
<u>TIRES</u> (OFF RIMS - \$5 ADDN'L FEE IF NOT DONE) CAR/LIGHT TRUCK/ SEMI		X	\$6 /each	=	\$
TRACTOR		X	\$40 /each	=	\$
TIRES ON RIMS - ADDN'L FEE		X	\$5 /each	=	\$
<u>20# PROPANE TANK</u>		X	\$5 /each	=	\$
<u>1# PROPANE TANK</u>		X	\$1 /each	=	\$
<u>MATTRESS/BOX SPRING</u>		X	\$25 /each	=	\$
<u>PUSH LAWN MOWER</u> (WHEELS OFF, PLUGS REMOVED & ENGINE DRAINED - \$10 ADDN'L FEE IF NOT DONE)		X	\$15 /each	=	\$
WHEELS ON, PLUGS IN, UNDRAINED - ADDN'L FEE		X	\$10 /each	=	\$
<u>FLUORESCENT LAMPS (TUBES) - LIMIT 10</u>		X	\$1 /each	=	\$
<u>LAWN TRACTOR/SNOWMOBILE/2-CYCLE ENGINES</u> (SEATS, TRACKS, WHEELS, PLUGS REMOVED AND ENGINE DRAINED - \$45 ADDN'L IF NOT DONE)			FREE		\$0
WHEELS ON, PLUGS IN, UNDRAINED - ADDN'L FEE		X	\$45 /each	=	\$
<u>SCRAP METAL</u>			FREE		\$0
<u>VEHICLE BATTERIES</u>			FREE		\$0
Total				\$	

Payment method CASH CHECK CHECK #



160 Lake Street North
Big Lake, MN 55309

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Big Lake Wave is published quarterly by the City of Big Lake to update residents and businesses on city government news.

City Council

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Rose Johnson, Council Member

763-558-5669, rjohnson@biglakemn.org

Paul Knier, Council Member

612-817-6758, pknier@biglakemn.org

Contact the City

Phone..... 763-263-2107

Hours: 8:00 a.m. to 4:30 p.m. Monday - Friday

View Meetings

Live on Channel 180, 6:00 p.m.

On-demand video link on City website

City Council: April 10, 24 | May 08, 22 | June 12, 26
(6:00 p.m. in Council Chambers)

Planning Commission: April 03 | May 01, 15 | June 05, 19
(6:30 p.m. in Council Chambers)

BLEDA: April 08 | May 13 | June 10
(6:00 p.m. in Council Chambers)

Parks Advisory Committee: April 08 | May 13 | June 10
(7:00 p.m. at Public Works Building)

Connect with Big Lake City

www.biglakemn.org

Like us on Facebook, facebook.com/City of Big Lake, MN

Follow the Police Dept. on Twitter @BigLakePolice



Theatre in the Park Series

Friday, July 19th
Friday, August 9th

Lakeside Park
101 Lakeshore Drive, Big Lake, MN

Free Activities at 6:00 pm
Play at 7:00 pm

Stop out and enjoy free kids activities for all ages.
July 19: "Water Woman," a play about water conservation
August 9: "Can Man," a play about recycling



1st Annual GOLF SCRAMBLE: Building Community Connections

THURSDAY, MAY 23, 2019 FROM 9-5 PM
MONTICELLO COUNTRY CLUB
1209 GOLF COURSE RD, MONTICELLO

GOLFERS

Enjoy games such as: longest drive, longest putt, closest to pin and Mulligans games!

HOLE IN ONE \$20,000 PRIZE sponsored by



First, Second & Third Prizes with Trophy

Team with Lowest Score receives \$200 to use at Pro Shop

Team with Highest Scores receives FREE lessons by a pro!

Early Bird Registration by April 20th: \$75 each or Team of 4 at \$300 paid together

Registration after April 20th: \$90 each or Team of 4 at \$360 paid together

Register at www.biglakechamber.com/events and search for golf or call
763-263-7800 or email info@biglakechamber.com

Master Sponsors include:



SCHEDULE

- 9 am Registration & Continental Breakfast
- 10 am Shotgun
- 3 pm Social Hour
- 4 pm Awards Dinner



Classic, Dinner, Beverage Cart, Putting Contest and Party Cart Sponsors Available!