



The Big Lake Wave

April/May/June 2018

2018 Photo Contest Winner : Tracy Kaufmann



Your City is still encouraging residents to submit photos that define Big Lake!

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 the most about the City of Big Lake and share it with us! All photos can be submitted to Hanna Klimmek, Community Development Director, at hklimmek@biglakemn.org.

Big Lake Community Garden



Do you long to be planting, weeding and harvesting this summer, but don't want to use your yard for gardening? Here's your solution: The Big Lake Community Garden!

The City of Big Lake is now accepting applications from City residents interested in leasing a garden plot. Garden plots will be 10 feet by 20 feet and located at 18041 198th Ave, Big Lake, adjacent to the driveway entrance to the Big Lake Public Works Building (next to water tower).

Gardens will be leased to City of Big Lake residents on a first come first serve basis. They will be leased for \$25 per plot for the season to help cover the cost of water and other garden expenses. Applications can be picked up and delivered to Big Lake City Hall, 160 Lake St North, Big Lake, MN 55309, Attn: Katie Stelzner. Completed forms can also be emailed to Katie Stelzner at kstelzner@biglakemn.org. Community Garden applications, rules and regulations can also be downloaded from the City of Big Lake's website at www.biglakemn.org.

If you have questions about the garden, please call or email Katie Stelzner, Garden Coordinator, at 763-307-6040 or kstelzner@biglakemn.org.

Big Lake City Council 2018

Mayor	Council Member	Council Member	Council Member	Council Member
Raeanne Danielowski	Dick Backlund	Seth Hansen	Duane Langsdorf	Mike Wallen
763-263-3801	763-260-0371	763-262-6282	763-263-7867	763-286-3842
rdanielowski@biglakemn.org	dbacklund@biglakemn.org	shansen@biglakemn.org	dlangsdorf@biglakemn.org	mwallen@biglakemn.org

Permit Information

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 softener
- Re-roofing or re-siding a building
- Window and/or door replacement
- Detached accessory buildings over 200 square feet (sheds)
- Swimming pools with more than 2 feet of water capability



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)
- Retaining walls not over 4’ tall measured from the bottom of the footing
- 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.

You may send the completed applications via mail, fax or email to tlindahl@biglakemn.org
If you have any questions, contact Trisha Lindahl at 763-251-2971.

Big Lake Spud Fest (June 21st - 24th)



The Big Lake Spud Fest was born here in 1972. The founders of the festival were looking for a means to provide funds for summer youth recreation programs and an event for Big Lake and surrounding areas that promoted a strong sense of community and sharing.

Some events planned for this year are:

THURSDAY, JUNE 21 – Spud Fest Family Night at the Library, Carnival & Open Mic Night.

FRIDAY, JUNE 22 – Pork Chop Dinner by the Big Lake Knights of Columbus, Softball Tournament, Lakes Run, Carnival, Bingo, Beer, Live music by GOOD FOR GARY, and last but not least FIREWORKS by Northern Lighter Pyrotechnics at dusk.

SATURDAY, JUNE 23 – Softball Tournament, Spud Run Motorcycle Ride, PARADE, Carnival, Bingo, Beer, Big Lake Ambassador Coronation, and Live music by OUTSIDE RECESS!

SUNDAY, JUNE 24– Softball Tournament, Potato Pancake Breakfast by the Big Lake Lions Club, Fiddlers 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

Miscellaneous Information

City Offices Closed to Observe Holidays

Monday, May 28th
Memorial Day

Wednesday, July 4
Independence Day



Movie in the Park Friday, June 15th Friday, August 24th



Lakeside Park
Movie Begins at Dusk!

FREE * FREE * FREE

Music in the Park Thursdays 7-8:30 pm all Summer!

Date	Band
06-07-18	Rockin' Hollywoods
06-14-18	Thrillbillies
06-21-18	Plott Hounds
06-28-18	Monroe Crossing
07-05-18	2 Mile Final
07-12-18	Bob & the Beachcombers
07-19-18	CherryGun
07-26-18	Shane Martin
08-02-18	The Castaways
08-09-18	Outside Recess
08-16-18	Lady Luck
08-23-18	Brat Pack Radio

Big Lake Police Department



Minnesota's Second 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.

In a recent study of these 2017-year-end crime statistics, we were ranked the second safest city in Minnesota, for those having a population over 10,000 residents based on these numbers. Only Orono edged us out, a ranking I am incredibly proud of. 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 home value, and ensures the highest quality of life possible. We provide something our neighbors in larger metro areas don't, incredibly low crime rates (see chart).

Jurisdiction	Part I	Part II	Combined
Big Lake	873	3,090	4,241
Becker	430	3,531	4,482
Elk River	2,000	4,108	6,157
Princeton	3,899	3,513	7,605
St. Cloud	4,581	5,894	10,655
Minneapolis	5,352	6,158	11,620
10 Judicial District	2,019	3,452	5,603

Our crime rates are a testament to the quality of officers we have patrolling the community, as well as the quality of residents who select Big Lake as their home! 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 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

New Non-Emergency Number: 763-251-2996

Comprehensive Plan Update

Two Open Houses Planned for Comprehensive Plan Update



The City of Big Lake is in the final stages of updating its 20-year comprehensive plan. The new comprehensive plan will lay out a road map for City growth through 2040 and cover the topics of land use, transportation, economic development, housing, utilities, and parks & trails.

Since early 2017, City staff has been working with a team of consultants and a task force of 28 residents, business owners, and community leaders to develop a draft of the new plan. We've also gathered community input through questions on the City's Facebook page, surveys, and booths at community events. The draft will need to be reviewed by the Planning Commission before it can be approved by the City Council later this year.

We would like to invite the community to come learn more about the proposed plan at two open houses:

⇒ **Saturday, April 28th 10 AM - 12:00 PM**

⇒ **Tuesday, May 1st 4:30 PM - 7:30 PM**

The open houses will be held in the City Council Chambers at Big Lake City Hall, 160 Lake St N, Big Lake, MN 55309. A copy of the draft will be made available on the City's website prior to the open houses. Please contact City Planner, Michael Healy with any questions: 763-251-2977 or mhealy@biglakemn.org.

Big Lake Fire Department

Fire Chief Message

I would like to introduce myself as the new Big Lake Fire Chief. My name is Ken Halverson. I have been on the fire department for 28 years. I have been a Captain, the Assistant Chief and now serving as the Chief. I have lived in Big Lake for 29 years with my wife Julie and son, Tyler.



The Big Lake Fire Department has 35 members. During the year, the department has 28 training sessions and we respond to 250-300 calls each year. We operate out of one station. The station holds all of the equipment which consists of 2 engine trucks, 1 ladder truck, 1 rescue truck, 3 tenders, 3 grass trucks, a snowmobile with a rescue trailer and an ATV with rescue equipment. Currently, we are in the process of purchasing a new tender to replace the oldest truck in our fleet, which is 30 years old. We are also raising funds to buy another set of extrication equipment to replace a set that is 30 years old. The Big Lake Fire Department is fortunate to have a community that has been very supportive.

The Big Lake Fire Dept. is working on improving its facility this year. Some of the improvements are interior paint, a display cabinet that was made by Thompson Woodworks of Big Lake, a redo of the concrete apron in the front of the building, installation of some new flooring, and switching all of the lighting to LED to save money.

In addition to emergency calls, the department serves the community in numerous ways. One of the biggest events the fire department holds is Fire Prevention Week, which will be held October 7th-13th, 2018. Over the course of that week, the members of the department volunteer over a hundred hours for the event. Captain Charlie Stern has long coordinated the fire prevention event. We also participate in numerous events in the community such as: Night to Unite, SpudFest, All Night Grad Party, Little Hole on Big Lake Ice Fishing Tournament, the Sherburne County Fair, block parties, and the Big Lake Vendor Fair.



Fire Chief Ken Halverson
763-263-3456
biglakefire@biglakefd.org

Municipal Liquor Store

Lake Center Liquors Activities

- **Please let staff know if there are customer requests. We continue to rotate and bring in new products weekly.**
- Lake Liquors is a proud sponsor of Music in the Park and SpudFest events.
- We will continue to schedule tasting events. "Like" us on Facebook to receive our tasting schedules.
- Normal store hours: Monday-Saturday 9am—10pm, Sundays 11am—4pm.



- The store will be open on Memorial Day 9am - 4pm.
- Please remember our weekly discount days.
 - ⇒ On Mondays, we offer a 10% discount to senior citizens 62 or older.
 - ⇒ Tuesdays, 10% discount on wines.
 - ⇒ Wednesdays we offer a 10% discount on cordials. We also offer a 10% discount on case buys of liquor and wine. Discount excludes any items on sale at the time of purchase.
- If you have any questions, please contact Greg or Lisa at the liquor store at 763-263-3673.
- **Thank you for helping *pour* profits back into the community.**

Lakeside Park Passes

2018 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 1st to October 31st.

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

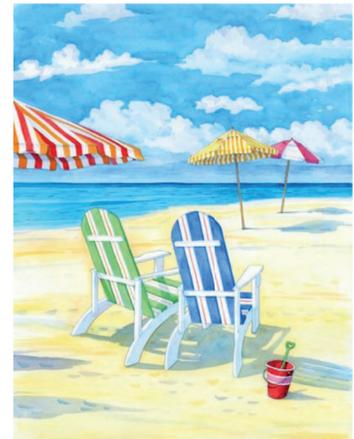
Daily Passes are available at Lakeside Park.

\$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 are allowed.



Local Business Spotlight

Cargill Protein



Cargill has been in business for over 150 years. They bring food, agricultural, financial, and industrial products to people who need them all around the world. They serve customers and communities in 70 countries/regions and have 155,000 employees working every day to nourish the world in a safe, responsible, sustainable way.

Out of the 155,000 employees, 28,000 of them are stakeholders of Cargill Protein, which includes the egg processing business in Big Lake, MN. Big Lake has been the home of one of their plants since 2002. Sixteen years later, after landing in Big Lake, they are still growing and investing in the community.

Cargill Protein understands how they can impact the quality of life in Big Lake. They not only offer employment, but also contribute and participate in all of the cultural events that Big Lake has to offer!

Water and Sewer Payments



Water Shut Off Notice

Beginning in April 2018, the City will be mailing out notices for delinquent water bills. There will only be one notice given. If you have not paid the specified amount by the due date of 4-27-18, your water service may be disconnected. Please contact the utility billing department if you have any questions. 763-263-2107, choose option one (1) for Utility Billing, then option two (2) for Julie.

Water and Sewer Payment Options



The City offers many ways to pay your utility bill:

- **ON-LINE:** Please visit our website at: www.biglakemn.org – Hover over the “I Want To” tab on the homepage and then click on Utility Bill Payment. You will be connected to PSN, our payment processing provider. PSN accepts payments using a credit/debit card, a checking account, or a savings account. There is no fee for this service. Also, if you would like to opt out of your postcard billing, PSN offers an **email** bill option. There will be a .50 cent credit applied to your bill each month if you choose this option .
- **PHONE:** Please call PSN at 877-885-7968. There is no fee for this service.
- **AUTO PAY:**
 - ⇒ Through PSN – After you have set up your on-line account with PSN, follow the prompts to set up an automatic payment. You may choose the date and amount of your payment. Your balance is still due on the 10th of every month.
 - ⇒ Through the CITY OF BIG LAKE: Please fill out an authorization form at City Hall. Your full balance will be automatically deducted from your checking account only on the 10th of every month.
- **BILL PAY:** Please use 160 Lake Street North as the mailing address and the full 13-digit account number that is located in the lower left corner of your postcard statement. Do not use your old 9-digit account number. It is no longer valid. Your payment may take up to 14 days to arrive. Please schedule accordingly.
- **MAIL:** Mail your check to City of Big Lake at 160 Lake St N., Big Lake, MN 55309 (No cash please).
- **DROP BOX:** Our utility payment drop box is located on the Lake Street side of City Hall’s north parking lot (No cash please).
- **IN PERSON:** We accept check, cash or credit/debit card at the City Hall office located at 160 Lake St N. Hours are 8:00 am to 4:30 pm Monday through Friday.

If you have any questions about these payment options please call Utility Billing at 763-263-2107, choose option one (1) for Utility Billing, then option two (2) for Julie.

Rain Gardens

Your City is renovating 10 roads as part of the 2018 Street Reconstruction Project. In order to offset the costs of this project, your City is encouraging residents to install rain gardens. Rain gardens help with storm water infrastructure, and can therefore be utilized by any City resident.

What is a Rain Garden?

- A rain garden is simply a garden designed to catch rainwater runoff from your roof, driveway or parking lot. By creating a slight depression in the garden, you are able to catch and absorb rainwater before it floods into the street or creates a pool on your property, by allowing it to slowly seep into the ground. The types of plants grown in rain gardens are able to withstand partial flooding, and also create beautiful new landscaping!



The benefits of Rain Gardens

- Rain gardens can be made in various shapes and sizes, and can therefore compliment your existing landscaping.
- Native plants are common in rain gardens and provide habitat for pollinators and birds.
- There are many different types of rain gardens, such as butterfly, sunny, shady, native, and custom. This could even include gnomes or stepping stones if desired.
- After the first year, they need very little care in comparison to the average garden.
- By slowing the flow of water and absorbing some of it into the ground, rain gardens reduce the amount of storm water runoff, helping to stop the greatest cause of water pollution. The absorption of water also replenishes local aquifers. In a rain garden, pollutants are filtered out, improving water quality in lakes, rivers and wetlands.

Your City is working with a Big Lake resident to create a demonstration on the corner of Euclid Ave and Leighton Dr. In the fall, we dug a depression and graded the area so that come spring, we will be able to install plantings to create a rain garden. Drive by to see for yourself!

Please contact Katie Stelzner at 763-307-6040; kstelzner@biglakemn.org or City Engineer Layne Otteson at 763-251-2984; lotteson@biglakemn.org to be provided with more information on rain garden installation and assistance.

Pet License

Attention Pet Owners

- ⇒ 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.
- ⇒ Pet licenses are \$10 every 2 years. Please provide current rabies vaccination when purchasing or renewing a dog license.



Farmers Market

Market Season is Around the Corner!



Join your neighbors and friends at the Big Lake Farmers Market on opening day, Wednesday June 6th, 2018 from 3-7pm at Lakeside Park. The market is open every Wednesday until September 26th. Park for free and enjoy live weekly music and family friendly activities throughout the season!

We accept a variety of payment options including Credit/Debit cards, Snap/EBT purchases, and we will be offering the Market Bucks match program for the second year in a row. Keep an eye out for our Power of Produce Club. All season long, kids ages 3-12 can stop by the market and receive a \$2 token to spend on fresh fruits and veggies.

Our local vendors will offer a variety of homemade and homegrown products including fresh baked breads, meats, eggs, cheese, mushrooms, salsa, pickles, jam, honey, syrup, sunflower oil, popcorn, desserts, lotion, soap, jewelry, books, crafts, lemonade, and a variety of fruits and vegetables.

After shopping, grab some dinner from our local food truck vendors and enjoy your meal to the sounds of our live, acoustic musicians.



For more information contact Corrie Scott at 763.228.1361 or cscott@biglakemn.org.



2018 Farmers Market Vendors (As of April 1st)

- LV Gardens
- Bob & Judy's Farm Market
- Warnke Farm
- Mary Ann Peterson
- Oak Park Farm
- Jewelry by Linda Lee
- Grace's Goodies
- Great Harvest Bread
- Iron Shoe Farm
- Kenya Letoruneau Creations
- Cat Tail Farms
- Linda Bergssten
- Mr. Lemonade

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 either 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.



Code Enforcement

Happy Spring! As code enforcement season approaches us, we would like to introduce the new Seasonal Code Enforcement Inspector, Jake Griffiths. He is currently a student at the University of MN - Duluth, studying Planning. Jake will start working with the City in May until the end of August. He can be reached at 763-251-1538 or codeenforcement@biglakemn.org.



Also your City has a new complaint system that is built into the new and improved website called “**Request Tracker**”. This will replace the previous complaint system “SeeClickFix”. To report a comment, concern, compliment and/or violation, go to the City website www.biglakemn.org, hover over “I Want To” and then click on one of the pages listed under “Report A”. If you wish to fill out the paper form they are available at City Hall, 160 Lake St N, Big Lake, MN 55309.

We would like to encourage residents this spring and summer to take a moment to look at their properties and address any possible issues before a neighbor contacts staff for Code Enforcement. This will strengthen our community image and help sustain property values. We prefer residents to work through any issues they have with one another before submitting a request or calling in Zoning Code violations. Greater communications between neighbors will help us build a stronger community and promote the kind of friendly, small-town atmosphere we have come to value.

All noise, loose animals and/or non-emergency traffic, safety concerns may be directed to the Big Lake Police Department at 763-251-2996 while it is happening.

Long Grass and Weeds Ordinance: Section 510

510.02 A Nuisance. Any weeds or grass growing upon any lot or parcel of land, including the lands between the curb line of the street or alley and the property line of private properties to a height greater than one foot, or which are about to go to seed, are hereby declared to be a nuisance and dangerous to the health, safety and good order of the City; excluding storm sewer holding ponds, storm sewer drainage areas, surface water drainage areas, wet lands, shoreline vegetation, nature preserve and other unplatted property.

To dispose of grass clippings, leaves, and brush/logs (must be separated from grass clippings) the Big Lake Compost site is located at 18401 198th Ave, Big Lake, MN 55309. An access card is required and can be obtained at Big Lake City Hall during business hours.



Public Works Department

Invasive Aquatic Plant Management

Due to the infestation of Eurasian Watermilfoil 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 2018. 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 property landowners on the lakes, but as a landowner on the lake 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 27, 2018.



Big Lake Public Library

April, May, & June events at the library:

Friday, April 13, 20 10:30 a.m. - 11:00 a.m.: Spring Storytime

Monday, April 16 2:00 p.m. - 3:00 p.m.: Dave Schulte: Yo-Yo Master

Friday, April 20, 10:00 a.m. – 1:00 p.m.: Author/Appraiser Mark Moran & the History of your Objects

Monday, April 23, 5:00 p.m. - 5:45 p.m.: Coffee Filter Flower Craft

Tuesday, May 1, 11:15 a.m. – 12:15 p.m.: ECFE @ The Library

Monday, May 7, 5:30 p.m. - 7:00 p.m. : Friends of the Big Lake Library

Monday, June 4, 5:30 p.m. - 6:30 p.m.: Cynthia Stupnik—Clearwater History & the Art of Historical Writing

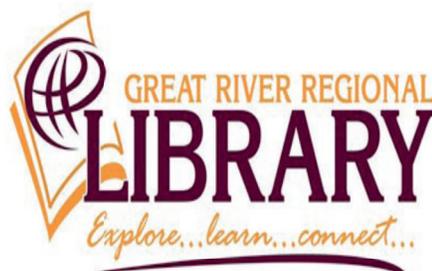
Friday, June 8, 11:00 a.m. - 12:00 p.m.: Snow Sisters Royal Storytime

Monday, June 11, 2:00 p.m. - 2:45 p.m.: Up, Up, and Away! Summer Ready Program Kick-Off

Wednesday, June 13, 6:00 p.m. - 7:00 p.m.: KidPower with Rachel Kroog

Thursday, June 21, 3:30 – 5:30 p.m.: Spudfest Family Night at the Library

Some of our programs require preregistration, so please call us at 763-263-6445 or sign up at www.griver.org/events.



Consumer Confidence Report

2017 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 2017 Drinking Water Report

PWSID: 1710002

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, 2017. 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 2017. 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.

Consumer Confidence Report, (Continued)

- **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.

*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 (2017)	Average/Result*	
Alpha Emitters (pCi/l)	0	15.4	N/A	8.8	Erosion of natural deposits.
Combined Radium (pCi/l)	0	5.4	N/A	2.1	Erosion of natural deposits.
Fluoride (ppm)	4	4	0.54-0.85	.78	State of Minnesota requires all municipal water systems to add fluoride to the drinking water to promote strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories.
Haloacetic Acids (HAA5) (ppb)	N/A	60	2.20-4.1	4.1	By-product of drinking water disinfection.
Nitrate (as Nitrogen) (ppm)	10.4	10.4	2.4-4.2	4.2	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 (ppm)	2	2	N/A	.06	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposit.

Contaminant (units)	MRDLG	MRDL	****	*****	Typical Source of Contaminant
Chlorine (ppm)	4	4	0.57-.081	.71	Water additive used to control microbes.

****Highest and Lowest Monthly Average.

*****Highest Quarterly Average.

Consumer Confidence Report, (Continued)

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; Erosion of natural deposits.
Lead (ppb) (07/22/2016)	0	15	2.8	1 out of 30	Corrosion of household plumbing systems; Erosion of natural deposits.

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 Recycling Day Form (Cutout and Bring to Recycling Day)

BIG LAKE TOWNSHIP

ORROCK TOWNSHIP

CITY OF BIG LAKE

2018 RECYCLING DAY

Saturday, May 19th - 8 AM - 1 PM

RESIDENTIAL ONLY - NO COMMERCIAL ACCOUNTS

*ITEMS NOT LISTED ON THIS FLYER WILL INCUR LOAD AND ADDITIONAL FEES AT THE GATE!!
FOR INFORMATION ON WHERE TO TAKE ITEMS NOT LISTED, PRIOR TO THE EVENT AND THROUGHOUT THE YEAR, CALL THE NUMBERS LISTED ON THIS SHEET OR SEE YOUR COMMUNITY'S WEBSITE.*

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**



Address: _____

(Cutout and Bring to Recycling Day)

RECYCLEABLE ITEMS	QTY	X	Cost/Unit	Total \$
APPLIANCES - Stoves/Microwaves/Dishwashers/ Freezers/Refrigerators/ Washers/Dryers/ Water Heaters/Water Softeners/Dehumidifiers/ Furnaces/Air Conditioners		X	\$10 /each	= \$
TVS/MONITORS		X	\$25 /each	= \$
TUBE		X	\$50 /each	= \$
REAR PROJECTION/WOOD CONSOLE		X	\$5 /each	= \$
COMPUTERS/ELECTRONICS - Copiers/Printers/All in One Machines/Stereos/VCR/DVD/Gaming Systems/ Vacuums/LCD LED Flat Screen Monitors & TVs		X	\$6 /each	= \$
TIRES (OFF RIMS - \$5 ADDN'L FEE IF NOT DONE)		X	\$40 /each	= \$
CAR/LIGHT TRUCK/ SEMI		X	\$5 /each	= \$
TRACTOR		X	\$15 /each	= \$
TIRES ON RIMS - ADDN'L FEE		X	\$10 /each	= \$
PUSH LAWN MOWER (WHEELS OFF, PLUGS REMOVED & ENGINE DRAINED - \$10 ADDN'L FEE IF NOT DONE)		X	\$1 /each	= \$
WHEELS ON, PLUGS IN, UNDRAINED - ADDN'L FEE		X	\$1 /each	= \$
FLUORESCENT LAMPS (TUBES) - LIMIT 10		X		
FREE ITEMS				
VEHICLE BATTERIES			FREE	\$0
SCRAP METAL			FREE	\$0
LAWN TRACTOR/SNOWMOBILE/2-CYCLE ENGINES (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	= \$
NON-RECYCLABLE & Misc. DEBRIS				
20# PROPANE TANK		X	\$5 /each	= \$
WICKER/ WOOD FURNITURE		X	\$15 /each	= \$
MATTRESS/BOX SPRING		X	\$25 /each	= \$
STUFFED FURNITURE		X	\$35 /each	= \$
SLEEPER SOFA		X	\$45 /each	= \$
			Total	\$

Payment method **CASH** **CHECK** **CHECK #**

Dated Material

Postmaster: Time Sensitive Mail

Miscellaneous

BIG LAKE COMMUNITY ANNUAL RECYCLING DAY EVENT Third Saturday in May

SATURDAY, MAY 19, 2018
8:00 a.m. – 1:00 p.m.

In 2017, the Big Lake Recycling Day event was operated and coordinated by **Metro West Appliance Recycling**. The event will continue to be operated by this RECYCLING vendor going forward. Questions about the event can be directed to the vendor at 763-241-8787, to Big Lake Township at 763-263-8111, or to the City of Big Lake at 763-251-2973.

LOCATION

The location of the Collection Center will be the same as past events: 20150 – 166th Street, Big Lake, MN at the Township Maintenance Building located ¼ mile north of US Hwy 10.



Event forms are on the inside back page of this newsletter, can be picked up at City Hall, or downloaded from the City website.

Volunteers Needed!

Fix-It Clinic July 12th

Do you have skills in electronics/computer repair, sewing, woodworking, or general tinkering? We need volunteers to help community members repair damaged household items. If you are interested or would like more information, contact Katie Stelzner 763-307-6040, kstelzner@biglakemn.org



ELECTION JUDGES NEEDED!

In Minnesota, poll workers are called election judges. Election judges are paid officials who staff local polling places, carry out election procedures, and make sure that the rights of voters are protected.

Serving as an election judge is a chance to learn about elections, and is a great service to the community!

Contact Big Lake City Clerk Gina Wolbeck if you are interested in serving as an Election judge for the 2018 elections. The Primary Election is scheduled for Tuesday, August 14th and the General Election will be held on Tuesday, November 6th.

763-251-2973; gwolbeck@biglakemn.org

Big Lake City Hall

Address: 160 Lake Street North, Big Lake, MN 55309

Phone: 763-263-2107

Web: www.biglakemn.org

Facebook: City of Big Lake, Minnesota