



# Village of Brookfield

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# The Brookfielder

*Village News for the People of Brookfield*

Summer 2017



## Sign Up for the Brookfield E-Newsletter

Go to our website at [www.brookfieldil.gov](http://www.brookfieldil.gov) for the latest village news and updates. While there, you can also sign up for the Brookfield e-newsletter! Just scroll to the bottom of the page and enter your email under "E-News Blast."

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**TREE CITY U.S.A. Since 1981**

### IN THIS ISSUE

- Letter from the President.....2
- Movies in the Park.....3
- Summer Concerts in the Park.....3
- Low Cost Rabies & Microchip Clinic .....4
- Village of Brookfield Vehicle and Sticker License Renewal .....4
- MyWater Brookfield IL.....5
- Message from the Chief of Police.....6
- Growing Season = Property Maintenance Season.....7
- Village Working with Business to Upgrade Signage .....7
- Q & A with the Building Inspector.....8 & 9
- Water Report .....10-15
- Sign Up for the Brookfield E-Newsletter .....16

## The Village's Comprehensive Plan

The Village of Brookfield is pleased to announce that it has embarked on a new Comprehensive Plan to guide policy and development in next decade. In 2016 the Village secured a major grant from the Chicago Metropolitan Agency for Planning (CMAP) to update the Village of Brookfield's 2020 Master Plan. The Village engaged RATIO as the consulting firm to assist the Village with this update.

In Illinois, a Comprehensive Plan is required by law. That law empowers municipalities to analyze their community and plan for the future. Each municipality's Comprehensive Plan must contain certain elements, such as: a vision statement, a land use plan, a transportation plan, and a housing plan. Brookfield's plan goes further; it will study natural resources, community character, public art, economic development and it will focus on realistic ways to implement these plans. Stay involved by signing up for the Village's emails and reviewing the Comprehensive Plan's website: [www.ratiodesign.com/Brookfieldcp](http://www.ratiodesign.com/Brookfieldcp)

## Fourth of July

The 2017 Village of Brookfield Independence Day Celebration will take place on **Tuesday, July 4, 2017**. Activities begin at 10am with our annual parade that departs from the intersection of Grand Boulevard and Garfield Avenue traveling down Grand Boulevard to Brookfield Ave and ending at Kiwanis Park.

Following the parade (approximately 12:00pm) join us for the Party in Kiwanis Park. Festivities will include music, food/beverages available for purchase and, of course, a day filled with fun! Music will be provided by: the K Michaels Band- a horn based classic rock band at 12:30; Run, Forest Run – the ultimate 90's pop/rock band at 2:45; and Winners of the 12th annual Battle of the Bands at 5:00. Check the Village's website at [www.brookfieldil.gov](http://www.brookfieldil.gov) and the Brookfield Recreation Department's Special Events Facebook page for further details closer to the event.



## Letter from President Ketchmark

With the summer season upon us, many have begun to plan for their family vacations and summertime fun. This can be a busy time of year for many of our residents. But this will also be a very busy and productive year for our village. Months of winter planning and discussion have resulted in a tremendous amount of work on the agenda, and I would like to highlight just a few of the upcoming projects.

Nearly \$6 million of street work has begun for this season. This will be our first full year proceeding with work related to the voter approved bond referendum. Bidding thus far has come in under estimates, and that is good news going forward in this long-term plan. After this year, we will have completed all of the "1" rated streets, which are the worst, and will be working on the next group.

Prairie Avenue train station improvements will begin this summer, with improvements both inside and outside to the adjacent areas. These will help to make the station more attractive, more efficient, and more user friendly.

Completion of the Prairie Avenue Pump Station is right around the corner, and it has already been put into operation this spring. The pump station represents years of work by your elected officials and staff, partnering with regional government agencies, all coming together in a substantial improvement for our community...funded in part by a nearly \$1 million grant!

We have more than three quarters of the 1,300 diseased trees taken down around the village, and we now have to work on reforestation. It is important that we maintain a varied inventory of trees throughout the village to help limit the effects of disease such as the Emerald Ash Borer.

The development of our new comprehensive plan continues. With this plan, we are setting the course for decades to come. The public forum held earlier this spring was very well attended, and participants appeared enthusiastic. Community input into this is essential, and we need to encourage that every step of the way. There will be more opportunities for resident input going forward, so please stay tuned. This is a great way for residents to help set the course for our community years from now.

The implementation of the major zoning update has begun. This represents a major change of policy, and is meant to encourage and guide new commercial development. This isn't easy. Zoning decisions and the affects they have on a community can be challenging, as we try to balance what an individual wants to do with the needs and benefits of our community. But by giving guidance, we are better assured of a good outcome.

We continue moving forward on economic development initiatives on many fronts, and we are seeing more positive signs within the business community. The Chamber of Commerce and village continue partnering on many event, and initiatives that benefit our village.

It is great to see the crowds gathering at events like Project NICE, or Bike Brookfield or the farmers market. Whether it be taking in a Friday night concert at Kiwanis Park, dinner downtown, a little league baseball game, kids enjoying the splash pad, the art festival and duck race, or any of the dozens of other events, there is always so much happening within our village for our residents to enjoy. Take time to have fun!

It truly is an exciting time within our Village. Making Brookfield a better, safer community is our goal. Together, with your help, we are taking great strides in bringing good, positive change to our village. The pride shown by so many in our village keeps us on the right track, and keeps Brookfield moving forward.

**Enjoy summer!**

**Kit Ketchmark  
Village President**

## SOURCE WATER ASSESSMENT SUMMARY

### Source Water Location

The City of Chicago utilizes Lake Michigan as its source water via two water treatment plants. The Jardine Water Purification Plant serves the northern areas of the City and suburbs, while the South Water Purification Plant serves the southern areas of the City and suburbs. Lake Michigan is the only Great Lake that is entirely contained within the United States. It borders Illinois, Indiana, Michigan, and Wisconsin, and is the second largest Great lake by volume with 1,180 cubic miles of water and third largest by area.

### Source Water Assessment Summary

The Illinois EPA implemented a Source Water Assessment Program (SW AP) to assist with watershed protection of public drinking water supplies. The SW AP inventories potential sources of contamination and determined the susceptibility of the source water to contamination. The Illinois EPA has completed the Source Water Assessment Program for our supply. Further information on our community water supply's Source Water Assessment Program is available by calling the City of Chicago, Department of Water Management at 312-744-6635.

### Susceptibility to Contamination

The Illinois EPA considers all surface water sources of community water supply to be susceptible to potential pollution problems. The very nature of surface water allows contaminants to migrate into the intake with no protection only dilution. This is the reason for mandatory treatment of all surface water supplies in Illinois. Chicago's offshore intakes are located at a distance that shoreline impacts are not usually considered a factor on water quality. At certain times of the year, however, the potential for contamination exists due to wet-weather flows and river reversals. In addition, the placement of the crib structures may serve to attract waterfowl, gulls and terns that frequent the Great Lakes area, thereby concentrating fecal deposits at the intake and thus compromising the source water quality. Conversely, the shore intakes are highly susceptible to storm water runoff, marinas and shoreline point sources due to the influx of groundwater to the lake.

Further information on our community water supply's Source Water Assessment Program is available by calling the City of Chicago, Department of Water Management at 312-744-6635.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by:  
The City of Chicago  
Department of Water Management  
Water System ID# IL0316000

### 2016 VOLUNTARY MONITORING

The City of Chicago has continued monitoring for Cryptosporidium, Giardia and E. coli in its source water as part of its water quality program. To date, Cryptosporidium has not been detected in these samples, but Giardia was detected in 2010 in one raw lake water sample collected in September 2010. Treatment processes have been optimized to provide effective barriers for removal of Cryptosporidium oocysts and Giardia cysts in the source water, effectively removing these organisms in the treatment process. By maintaining low turbidity through the removal of particles from the water, the possibility of Cryptosporidium and Giardia organisms-getting into the drinking water system is greatly reduced. Also, in compliance with the Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR) Round 2, the City of Chicago has continued the 24 months long monitoring program that was started in April 2015, collecting samples from its source water once per month to monitor for Cryptosporidium, Giardia, E.coli and turbidity, with no detections for Cryptosporidium and Giardia reported so far.

In 2016, CDWM has also continued monitoring for hexavalent chromium, also known as chromium-6. USEPA has not yet established a standard for chromium-6, a contaminant of concern which has both natural and industrial sources. Please address any questions or concerns to DWM's Water Quality Division at 312-742-7499. Data reports on the monitoring program for chromium-6 are posted on the City's website which can be accessed at the following address below:

[http://www.cityofchicago.org/city/en/depts/water/supp\\_info/water\\_quality\\_resultsandreports/city\\_of\\_chicago\\_emerigincontaminantstudy.html](http://www.cityofchicago.org/city/en/depts/water/supp_info/water_quality_resultsandreports/city_of_chicago_emerigincontaminantstudy.html)

For more information, please contact  
Alan Stark, Deputy Commissioner for the Bureau of  
Water Supply  
At 312-742-7499

Chicago Department of Water Management  
Bureau of Water Supply  
1000 East Ohio Street  
Chicago, IL 60611  
Attn: Alan Stark

# 2016 Water Quality Data

DATA TABULATED BY CHICAGO DEPARTMENT OF WATER MANAGEMENT (0316000 Chicago)

## DEFINITION OF TERMS

**Maximum Contaminant Level Goal (MCLG):** 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.

**Maximum Contaminant Level (MCL):** 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.

**Highest Level Detected:** This column represents the highest single sample reading of a contaminant of all the samples collected in 2016.

**Range of Detections:** This column represents a range of individual sample results, from lowest to highest that were collected during the CCR calendar year.

**Date of Sample:** If a date appears in this column, the Illinois EPA requires monitoring for this contaminant less than once per year because the concentrations do not frequently change. If no date appears in the column, monitoring for this contaminant was conducted during the Consumer Confidence Report calendar year.

**Treatment Technique (TT):** A required process intended to reduce the level of a contaminant in drinking water.

**N/A:** Not applicable

**Turbidity:** A measure of the cloudiness of the water. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration system and disinfectants.

**Unregulated Contaminants:** A maximum contaminant level (MCL) for this contaminant has not been established by either state or federal regulations, nor has mandatory health effects language. The purpose for monitoring this contaminant is to assist USEPA in determining the occurrence of unregulated contaminants in drinking water, and whether future regulation is warranted.

**Fluoride:** Is added to the water supply to help promote strong teeth. The Illinois Department of Public Health recommends an optimal fluoride level of 0.7 mg/L with a range of 0.6 mg/L to 0.8 mg/L.

**Sodium:** There is no state or federal MCL for sodium. Monitoring is required to provide information to consumers and health officials who have concerns about sodium intake due to dietary precautions. If you are on a sodium-restricted diet, you should consult a physician about the level of sodium in the water.

## DETECTED CONTAMINANTS

Contaminant (unit of measurement) Typical Source of Contaminant	MCLG	MCL	Highest Level Detected	Range of Detections	Violation	Date of Sample
<b>Turbidity Data</b>						
Turbidity (NTU/Lowest Monthly %≤0.3 NTU) Soil runoff	N/A	TT (Limit 0.3 NTU)	Lowest Monthly %: 100%	100% - 100%		
Turbidity (NTU/Highest Single Measurement) Soil runoff	N/A	TT (Limit 1 NTU)	0.16	N/A		
<b>Inorganic Contaminants</b>						
Barium (ppm) Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	2	2	0.0206	0.0196 - 0.0206		
Nitrate (as Nitrogen) (ppm) Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	10	10	0.46	0.40 - 0.46		
Total Nitrate & Nitrite (as Nitrogen) (ppm) Runoff from fertilizer use; leaching from septic tanks, sewage; Erosion of natural deposits	10	10	0.46	0.40 - 0.46		
<b>Total Organic Carbon (TOC)</b>						
The percentage of TOC removal was measured each month and the system met all TOC removal requirements set by IEPA.						
<b>Unregulated Contaminants</b>						
Sulfate (ppm) Erosion of naturally occurring deposits	N/A	N/A	25.7	25.0 - 25.7		
Sodium (ppm) Erosion of naturally occurring deposits; Used as water softener	N/A	N/A	8.92	8.49 - 8.92		
<b>State Regulated Contaminants</b>						
Fluoride (ppm) Water additive which promotes strong teeth	4	4	0.78	0.62 - 0.78		
<b>Radioactive Contaminants</b>						
Combined Radium (226/228) (pCi/L) Decay of natural and man-made deposits.	0	5	0.84	0.50 - 0.84		02/11/2014
Gross Alpha excluding radon and uranium (pCi/L) Decay of natural and man-made deposits.	0	15	6.6	6.1 - 6.6		02/11/2014

## UNITS OF MEASUREMENT

**ppm:** Parts per million, or milligrams per liter

**ppb:** Parts per billion, or micrograms per liter

**NTU:** Nephelometric Turbidity Unit, used to measure cloudiness in drinking water

**%≤0.3 NTU:** Percent of samples less than or equal to 0.3 NTU

**pCi/L:** Picocuries per liter, used to measure radioactivity

## 2017 Outdoor Movies in the Park Ehlert Park, Congress Park & Elm Avenues

Grab a blanket, lawn chair, family, friends, neighbors or co-workers and join us at Ehlert Park for a new film or an old classic. Come early to stake out your spot and enjoy some of the many park amenities or just relax in a tranquil setting. Snacks are available for purchase. **Movies begin at dark.**

**FRIDAY, JUNE 16**  
**School of Rock** (PG13)

**FRIDAY, AUGUST 18**  
**Moana** (PG)

May we suggest to parents that you can check out the appropriateness of the movies for your child at various websites such as [www.imdb.com](http://www.imdb.com), [www.commensensemedia.org](http://www.commensensemedia.org), [www.parentpreviews.com](http://www.parentpreviews.com) and [www.kidsinmind.com](http://www.kidsinmind.com) to name a few?



## 2017 Summer Concerts in the Park Kiwanis Park, 8820 Brookfield Ave

Looking for a way to relax after a long, hectic work week? Join us Friday evenings for our FREE concerts at the Kiwanis Park band shell. In case of inclement weather, concerts are held in the Brookfield Municipal Building adjacent to Kiwanis Park.

It's not just about the music! Join a community of people from in and around Brookfield who all share the same interests. While listening to the pleasing sounds, why not try a game at the disc golf course. Or, if you'd like a more tranquil experience, take a stroll along the walking trails throughout the Oak Savannah. No matter what, there will be something for everyone.



**Friday, June 23, 7:00 - 8:30 p.m.**  
**ARRA - Classic Rock**



**Friday, July 7, 7:00 - 8:30 p.m.**  
**Chi-Town Soul**  
*Old School Classic R&B & Disco Dance*

**Sunday, July 9, 6:00 p.m.**  
**The 85th Army Band**  
*Twisted Classics food truck on site*



**Friday, July 14, 7:00 - 8:30 p.m.**  
**Kaldi Jones**  
*Blue Grass, Americana, Classic Rock*

**Friday, July 21, 7:00 - 8:30 p.m.**  
**The Dooleys - Irish**



**Friday, July 28, 7:00 - 8:30 p.m.**  
**Millennials - Classic Rock**



**Friday, August 4, 7:00 - 8:30 p.m.**  
**Smokin' Gunz - Country**

**Friday, August 11, 7:00 - 8:30 p.m.**  
**Dario Radio Dueling Pianos**  
*Multi-genre performance driven by audience requests*





## Low Cost Rabies & Microchip Clinic

The Cook County Department of Animal and Rabies Control will conduct their low cost rabies and microchip clinic in the parking lot at the Brookfield Village Hall, 8820 Brookfield Avenue on July 18, 2017. The hours will be from 10:00 am to 2:45 pm. Dogs, cats and ferrets over the age of 3 months are eligible for services. For more information, please contact the Cook County Animal & Rabies Control Office at 708-974-6140.

## Village of Brookfield Vehicle and Sticker License Renewal

Pursuant to Village ordinances, all vehicles registered to a Brookfield address, whether housed in the Village or not, are required to display a valid Brookfield Vehicle Sticker by July 1 of each year.

### PURCHASE ONLINE!

- Logon to the Village website from any device at: <http://www.brookfieldil.gov>
- Click on “Purchase Vehicle License”
- Follow the instructions
- No need to come to Village Hall – your licenses will be mailed to you!

If renewing by mail, please follow the instructions on the form(s)

Please review all information for accuracy – mark any changes directly on the forms **and return both copies.**

Make checks payable to the Village of Brookfield. Do not mail cash. Credit Card Payments will be accepted ONLINE ONLY.

All stickers will be processed through the mail. No stickers will be issued at the Village Hall office window.

Please allow 10 ten days for processing if renewing by mail or online.

**Renewals left in the Village drop box will require an additional two weeks to process.**

**VILLAGE OF BROOKFIELD**

Welcome to the Vehicle Stickers Online Purchase Website

**Add a New Vehicle and Purchase a Sticker**  
Required fields shown in **BOLD** below

**Address Information**

First Name(s): First Name 1, First Name 2  
 Last Name(s): Last Name 1, Last Name 2  
 Business Name: Company Name  
 Address Type: - Unknown  
 Address 1: Address 1  
 Address 2: Address 2

### Violations Table

Chlorine			
Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE (DBP), MAJOR	10/01/2015	12/31/2015	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Total Coliform			
Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING (TCR), ROUTINE MINOR	10/01/2015	10/31/2015	We failed to complete all the required tests of our drinking water for the contaminant and period indicated.

### Corrective action on the two violations were resolved on the next collecting period.

Consumer Confidence Rule			
The Consumer Confidence Rule requires community water systems to prepare and provide to their customers annual consumer confidence reports on the quality of the water delivered by the systems.			
Violation Type	Violation Begin	Violation End	Violation Explanation
CCR ADEQUACY/ AVAILABILITY/CONTENT	07/01/2015	2015	We failed to provide to you, our drinking water customers, an annual report that adequately informed you about the quality of our drinking water and the risks from exposure to contaminants detected in our drinking water.

**Chicago UCMR3 report is on this years CCR report.**

# 2016 Regulated Contaminants Detected

## Coliform Bacteria

Maximum Contaminant Level	Total Coliform Maximum Contaminant Level	Highest Number of Positives	Fecal Coliform or E. Coli Maximum Contaminant Level	Total No. of Positive E. Coli or Fecal Coliform Samples	Violation	Likely Source of Contamination
Lead	07/01/2014	0	15	ppb	N	Naturally present in the environment.

## Lead and Copper

Definitions:  
 Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.  
 Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Lead	07/01/2014	0	15	9.15	1	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

## Water Quality Test Results

Maximum Contaminant Level Goal or MCLG:	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.
Maximum Contaminant Level or MCL:	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.
Maximum residual disinfectant level goal or MRDLG:	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.
Maximum residual disinfectant level or MRDL:	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.
Definitions:	The following tables contain scientific terms and measures, some of which may require explanation.
ppb:	micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.
na:	not applicable.
Avg:	Regulatory compliance with some MCLs are based on running annual average of monthly samples.
ppm:	milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.

## Regulated Contaminants

Disinfectants and disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Chlorine	12/31/2016	0.9	0.7 - 1	MRDLG = 4	MRDL = 4	ppm	N	Water additive used to control microbes.
Haloacetic Acids (HAA5)	2016	17	11.86 - 24.5	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2016	36	16.31 - 59.3	No goal for the total	89	ppb	N	By-product of drinking water disinfection.



A new kind of service with a new kind of communication!

Introducing:

MyWater Brookfield IL

### Dear Valued Resident,

The Village of Brookfield is pleased to offer you a convenient way to manage your utility account more effectively.

MyWater Brookfield IL is now available online and on mobile devices, to all residents, at no cost! Enjoy real-time communication, and receive the following benefits with this new, innovative way to better monitor your water usage, bills and data, all while becoming more efficient:

- ➔ Quick and instant access on any web browser
- ➔ Receive notifications and send direct messages to your utility
- ➔ View and compare real-time usage data



### Get started with these simple steps:

1. Download the app from either the Google Play or Apple Store
2. Register with your utility account number and full email address
3. Enjoy the convenience of having MyWater Brookfield IL at your fingertips

Register Today!

Visit: [brookfield.smartcmobile.com](http://brookfield.smartcmobile.com)

The Village of Brookfield is committed to serving our customers' needs. For more information, please visit: <http://brookfieldil.gov>

Sincerely,



## Message from the Chief

With Spring and Summer upon us please be reminded to stay vigilant and keep an eye out for suspicious activity. "If you see something, say something". Keep your cars locked, as well as your garage and service doors to avoid being an easy victim of property loss. "Junkers" are not permitted to operate without a Village Permit, so when you seem them trolling down you're alley please call it in to the PD. Many times those folks mistakenly take accessible valuables that were not intended for pick up.

With vacation season in full force many people are away from their homes for extended periods of time. Stop by the PD and fill out a "Vacation Watch" form so we can keep an extra eye on your house while you're away. In addition leave contact information and even keys with your neighbors if possible in case anything happens during that time. Make arrangements to have your car moved while you're gone to avoid receiving a citation. You're street still needs to get swept while you're away.

Let us know when you're having a block party or special event for your kids and we'll try our best to have an Officer stop by and make it memorable for them. Most importantly, enjoy your summer and stay safe. I hope to see you out at our summer events, and especially the 4th of July Parade.

Feel free to reach out to me anytime if you have any issues or concerns.

Sincerely,

**James L. Episcopo**  
Chief of Police  
Brookfield Police Department



## Brookfield Farmers Market Begins Its 10th year

The Brookfield Farmers Market will host a plant swap for their opening day Saturday, June 3 at the Village Hall. Please come out for the freshest fruits, vegetables, bakery, local products and FUN. Mark your calendar for some of the special events taking place at the market. Market hours are from 8 am to 1 pm.

**June 3:** Opening Day

**June 10:** Brookfield Zoo Encounter, 10 am to 10:30 am

**July 15:** Village Days (Village Officials, Village Staff & equipment)

**August 5:** Artisans Day

**September 16:** Meet the Creek, Conservation Commission

**September 23:** Arts Festival and Duck Race

## Auto and Bike Show

Sunday, July 16, the Chamber of Commerce will hold its annual Auto & Bike Show at the Grand Boulevard Business District. Come out to enjoy the classic cars, motorcycles, food, music and prizes from 11 am to 5 pm.

## Brookfield Art Fest

Local artists, art for kids, entertainment and food and beverages will be in Kiwanis Park from 10 am to 5 pm, Saturday, September 23 for the Brookfield Art Fest. The Chamber of Commerce will also have their Duck Race on Salt Creek. Fun for the entire family!



## Annual Drinking Water Quality Report for Calendar Year 2016 VILLAGE OF BROOKFIELD

**BROOKFIELD**

**IL0310330**

**Annual Water Quality Report for the period of January 1 to December 31, 2016**

**The source of drinking water used by BROOKFIELD is Purchased Surface Water.**

**This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water.**

**Contact Name: Andy Zontos**  
**Telephone Number: 708-485-2540**  
**E-mail: azontos@brookfieldil.gov**

*Este informe contiene información muy importante sobre el agua que usted bebe. Tradúzcalo ó hable con alguien que lo entienda bien.*

### **Source of Drinking Water**

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and underground 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 may 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 may also come from gas stations, urban storm water runoff and septic systems.
- Radioactive contaminants, which may be naturally occurring or be the result of oil and gas production and mining activities.

### **Other Facts about Drinking Water**

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of 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 EPA's Safe Drinking Water Hotline at (800) 426-4791.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water system. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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/CD guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

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. We 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>.



## CONSUMER CONFIDENCE REPORT Public Water Supply For the Monitoring Year 2016

### Water Supply:

The Village of Brookfield purchased 730,311,000 gallons of water from the Brookfield-North Riverside Water Commission, which they purchase from the City of Chicago. The City of Chicago utilizes Lake Michigan as its source water via two water treatment plants. The Jardine Water Purification Plant serves the northern areas of the City and suburbs, while the South Water Purification Plant serves the southern areas of the City and suburbs. Lake Michigan is the only Great Lake that is entirely contained within the United States. It borders Illinois, Indiana, Michigan, and Wisconsin, and is the second largest Great lake by volume with 1,180 cubic miles of water and third largest by area.

### Water Quality:

The water treatment facilities of the City of Chicago control the water quality supplied to the Water Commission. The Commission provides additional chlorine to the water to maintain the quality as delivered. The reports generated by the City are included in this Customer Confidence Report.

### Testing:

The Village of Brookfield tests the water supply for chlorine content on a daily basis. The Village also takes water samples for bacteriological content and lead content. The Village of Brookfield also takes the Trihalomethane [TTHM] Analysis Report. This is per the requirements of the Illinois EPA.

### Violations:

The Village of Brookfield water supply received violations in the calendar year of 2015.

## Growing Season = Property Maintenance Season

With longer days and abundant rainfall, grass and weeds are now growing quickly. As a reminder, homeowners are required to cut grass before it reaches 8" in length and to maintain bushes so that they do not encroach on the alley or other public rights-of-way. The Village's property maintenance inspectors will be issuing warnings ("Notice of Violation"), and if necessary, tickets to ensure compliance.

If you have questions, please contact Inspector Rob Berns at [rberns@brookfieldil.gov](mailto:rberns@brookfieldil.gov).



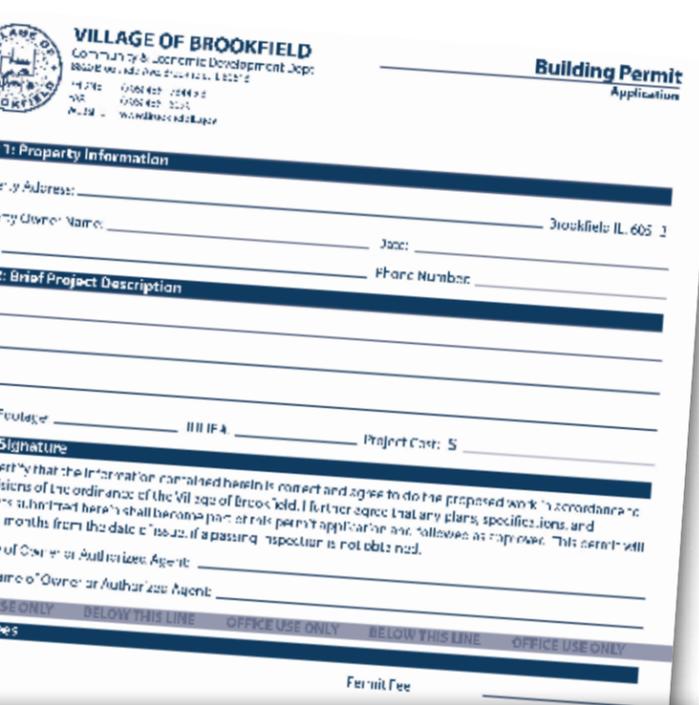
## Village Working with Business to Upgrade Signage

The Village is launching a three-pronged effort to improve the quality of business signs in the community. The first part is to provide a signage incentive by working with the First National Bank of Brookfield to offer no-interest loans to businesses seeking to repair or replace their signs. The program is designed to be a win-win, with the community benefiting by having more attractive signs along Ogden Avenue and in the 8 Corners business district, while at the same time businesses would draw more customers with state-of-the-art, high-quality signs.

Detailed information is contained in the program guidelines located online at: <http://brookfieldil.gov/wp-content/uploads/2017/03/Signage-Guidelines-3.2.17.pdf>. Please contact Nick Greifer or Emily Egan for additional information at 708-485-1113.

Secondly, the Village is working with the Brookfield Chamber of Commerce to reach out to their members to encourage sign upgrades. Third, we are seeking businesses to come into compliance with our signage codes. The signage codes address both signs in disrepair and "obsolete" signs of businesses no longer in operation. Village building inspectors will be in the field seeking to ensure compliant signs, starting with the signs of closed businesses.





# Q&A with the Building Inspector

## 1. What is the benefit of the building permit review?

We understand that getting a building permit followed by inspections is not always easy. But the Village's inspectors protect you as a customer. The review and the inspections give you some level of assurance that the building is going to be safe and meets minimum standards. For example, it might be a simple thing such as verifying that risers on stairs are not too high (causing a trip hazard), or it might be requiring proper ingress/egress in case of a fire.

## 2. What items are required with the permit application?

In addition to a completed permit application (available at the village hall), a contractor's information sheet providing contact information for all contractors involved in your project and contractor licensing, insurance and bond certificates are required. (A Home Owner waiver should be provided if the work is being done by the homeowner.) Applicable drawings and a scope of work describing what work is to be done and if applicable, a plat of survey should also be provided.

The Village Hall can provide you with the proper application for your specific project.

## 3. What projects require a permit?

Besides the major construction projects such as a room addition and a new garage, smaller items requiring a permit include: a shed, new roof, fence, pool, gutters, siding, windows, kitchen, bathroom, basements, decks, driveway, patio and reconstruction of stairs, among others. Typical items not needing a permit are: refinishing of hardwood floors, painting, or minor fence repair. If you aren't sure if your project requires an inspection, call one of our inspectors at 708-485-7344, extension 3.

## 4. What are the steps of the permit process?

For a typical project, the permit process requires 5-steps. Most of the steps are done at Village Hall, making sure the design follows modern building construction and design standards.

### 1. Intake

When all of the above listed paperwork is taken in it is reviewed by the Permit Coordinator who checks to see if all the proper information and forms have been submitted and then enters the project in the computer. If forms or information is missing it slows down the process.

### 2. Zoning Review

Anything constructed on the outside of your home or on your property requires a zoning review. The plan reviewer is looking for additional square footage added to the house in relation to the allowable square footage for that particular zoning district. Anything added to the property needs to be checked for effects on green space requirements, storm water management, neighborhood character, and height restrictions. Sheds, garages and room additions are checked for property line setbacks. (Commercial projects require more information for building materials, type of use, and parking requirements.)

### 3. Building, Plumbing, Electrical Review

Drawings and scope of work are reviewed for Code compliance, life safety, structural integrity, fire safety and livability for inhabitants of the dwelling. Depending on the project scope, this might include an electrical review and plumbing review. Architectural plans are required for new homes, room additions, garages as well as commercial projects.

### 4. Corrections

After all reviews are completed the permit applicant is provided with a list of necessary corrections. When the

corrections are resubmitted they are reviewed for final approval. Upon approval the applicant is contacted to pick up the permit and pay the associated fees. Construction can only start when the permit is approved and paid for.

### 5. Field Inspections

The last step in the process can be the most labor-intensive step. Below are some tips on what goes into it.

## 5. What Can You Expect During Field Inspections?

A Village-issued yellow permit card should be properly posted in the front window of the building or the front of the property easily visible to the street. On the permit card face is listed all the necessary inspections. Upon completion of each phase, it is the permit holder's responsibility to call for the inspections.

Plumbing inspections ALWAYS require the licensed plumber be on site. Some inspections do not require the permit holder to be present (final roofing, final siding, final fence etc.) When the inspection is called for, the Permit Coordinator will let you know if someone needs to be present or not. If your presence is not required, the permit JOB COPY packet should be placed in a Ziploc bag and taped to the front door easily seen and accessible to the building inspector. Upon inspection the inspector will leave an APPROVED or FAILED sticker. If the inspection fails please make the necessary corrections, and call for a re-inspection.

## 6. How Can I Learn More?

The Village's Community and Economic Development Department has more information on permits. Please go to: <http://brookfieldil.gov/departments/community-and-economic-development/building-permits-zoning/> for more.

