

**Consumer  
Confidence  
Report  
for  
2013**



# **Village of Brookfield**

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

## **VILLAGE OF BROOKFIELD 2014 STREET IMPROVEMENTS PROJECT**

The Village has begun the 2014 street project totaling approximately \$1.6 million in improvements. The lowest bid on the project came in approximately \$267,000 lower than our engineer's estimate and was awarded to J. Nardulli Concrete. Improvements will be made to the following sections of street:

### **Street**

Oak Avenue  
Sunnyside Avenue  
Rochester Avenue  
Madison Avenue  
Garfield Avenue

### **Limits**

(Shields Avenue to Ogden Avenue)  
(Shields Avenue to Ogden Avenue)  
(Maple Avenue to Vernon Avenue)  
(4527 Madison Avenue to Gerritsen Avenue)  
(Kemman Avenue to Grand Boulevard)

Work began during the first week of June and it is anticipated that the project will take approximately 3 months to complete in its entirety. The project began with underground work (sewer improvements), followed by the replacement of the curb and gutter, and then resurfacing/replacement of the pavement.

### **PROJECT SCOPE**

The improvements to Rochester Avenue include repairing certain sections of the combined sewer and drainage structures, and excavating the existing pavement and installing a new asphalt pavement. The curb and gutter, driveway aprons and entry walks will be removed and replaced. Handicap accessible sidewalk ramps will be installed at intersections and damaged areas of parkway will be restored with sod.

The improvements to Oak and Sunnyside Avenues include repairing certain sections of the combined sewer and drainage structures, removing the existing asphalt surface, re-grading the existing stone base, and installing a new asphalt surface. The curb and gutter, driveway aprons and entry walks will be removed and replaced. Handicap accessible sidewalk ramps will be installed at intersections and damaged areas of parkway will be restored with sod. Sunnyside Avenue will be widened by 1.5' on each side of the street to result in a 25' wide pavement. The widened pavement will better accommodate emergency and maintenance vehicles.

The improvements to Madison and Garfield Avenues will include replacing certain deteriorated sections of curb and gutter, driveway aprons, and entry walks, pavement patching, grinding the existing asphalt and installing a new asphalt surface on the pavement, and restoring damaged areas of the parkway with sod.

Construction updates will be posted at [www.Brookfield2014Streets.com](http://www.Brookfield2014Streets.com). There will also be a link to this website on the Village's website [www.brookfieldil.gov](http://www.brookfieldil.gov). If you should have any questions or concerns, please contact the Village Manager's office at 485-7344.



# Village of Brookfield

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## VEHICLE STICKER LICENSE RENEWAL

**THE 2014/15 VILLAGE VEHICLE STICKER RENEWALS ARE CURRENTLY IN PROCESS**

**By now, you should have received your renewal notice in the mail.**

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.

### **NEW IN 2014 - PURCHASE ON LINE!!!!!!**

- **THE PRE-PRINTED APPLICATIONS THAT ARE IN THIS LETTER INCLUDE A UNIQUE VEHICLE ID #**
- **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 enclosed 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.

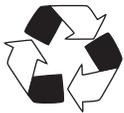
## E-Waste Recycling

For the past two years, the Village has provided an e-waste recycling container from Groot as a convenience for Village residents to drop off their old TV's and other electronics. The container is usually at the Village Hall every month except June – October when the Farmer's Market is underway every Saturday morning.

When the e-waste container is not at the Village Hall, residents are encouraged to contact our waste hauler, Groot at 708-485-0900, for disposal of their electronics. After paying a \$30.00 fee, residents can make arrangements for a special pick-up of up to six e-waste items.



Additionally, residents are encouraged to visit the Illinois Environmental Protection Agency website, <http://www.epa.state.il.us/land/electronic-waste-recycling/> for a list of registered residential e-waste collection sites.



Placing e-waste out in the Village Hall parking lot when the container is absent is prohibited under the Village Code and will be strictly enforced.

## Sign Up Today to Receive the Village's eNewsletter and Code Red!

It's easy, just go to [www.brookfieldil.gov](http://www.brookfieldil.gov) and enter your email address here ...



**VILLAGE OF BROOKFIELD**

Home About Departments Your Local Government Emergency Information News & Events Documents & Forms FAQ Contact

A Great Place to  
**LIVE. WORK. VISIT. PLAY.**

**Brookfield Quick Links**

**Residents**

- Beautification Commission
- Forms and Permit Applications
- Police Department
- Online Bill Payments
- Yard Sale Permits
- Zoning Laws
- Conservation Commission
- Audio Recordings

**Businesses**

**Current Updates**

**Upcoming Recreation Events:**

- 2011 Summer Recreation Book is now available here!
- 2011 Summer Concerts in the Park Schedule is available here!
- 2011 Summer Movies in the Park will be held at JC/Ehler Park beginning at dark. Popcorn and Beverages will be available for purchase. June 24, 2011, "How to Train your Dragon," July 29, 2011, "Matilda."
- Visit the Village of Brookfield Recreation Facebook page by clicking here!

**Online Payments**

**Newsletter Sign Up!**

Email Address

We will not share or sell your email, you can unsubscribe at any time.

## **Brookfield Recreation Program Enrollment Now Available On-Line!**

Have you heard? ON-LINE REGISTRATION IS NOW AVAILABLE for Brookfield Recreation Programs and Special Events. Go to: [www.Rectrac.brookfieldil.gov](http://www.Rectrac.brookfieldil.gov) to sign up on-line today! Registration for Summer 2014 Recreation Programs is now open for residents and non-residents.

Registration is also accepted in person or by mail. Contact the Recreation Department today for more information at 708/485-1474, [mpezdek@brookfieldil.gov](mailto:mpezdek@brookfieldil.gov) or at [www.brookfieldil.gov](http://www.brookfieldil.gov)

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## **Village Offices Now Re-Open During the Lunch Hour**

The Village has implemented specific staffing changes in an effort to better serve our residents and business community. The front counter is now open during the lunch hour. The new Village Hall office hours are:

8:30am – 6:00pm Monday

8:30am – 5:00pm Tuesday - Friday

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## **Kiwanis Park Grand Opening Coming in the Fall!**

The renovation of Kiwanis Park is almost complete. The renovation was possible through an Open Space Land Acquisition and Development (OSLAD) grant partially funded through the Illinois Department of Natural Resources. Included in the improvements are a new band shell, improved walking trails, tennis courts, permeable parking, basketball courts, fitness stations, horseshoe pits, baggo games, and disc golf.

Stay tuned to the Village website, [www.brookfieldil.gov](http://www.brookfieldil.gov) for information about the grand opening!

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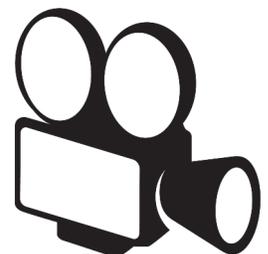
## **2014 Summer Movie in the Park**

Are you looking for a way to relax after a long, hectic work week without breaking the bank? Join us for our FREE outdoor movie at JayCee/Ehlert Park. Movie begin at dusk.

**Friday, August 22**

**The Amazing Spiderman (PG13)**

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.



## **Electric Supplier Choice**

The Village of Brookfield established a municipal electric aggregation savings program in 2012. The purpose was to help residents purchase electricity at rates lower than ComEd. The program has done just that: in the first two years of the savings program which ends July 2014, the average participating household will have saved about \$300 on their ComEd bill, for a cumulative Village-wide savings of nearly \$1.8 million.

The program's two-year term expires July 2014. The Village sought bids on three separate occasions to renew the program, but declined all offers and will send our residents back to ComEd from First Energy. This change will occur on July 15, 2014. Even though the ComEd rate has increased over the past two years, it still offered a savings margin from all the companies that bid. The Village may go to bid again next spring to seek savings in 2015.

The ComEd rate is re-set several times a year, and additionally, varies from month-to-month, but is expected to be in a range of 7.93 cents per kWh for the summer of 2014 with the rate for the winter months beginning October 2014 as yet unknown. (The summer rate is 7.596 +/- a floating Purchased Electricity Adjustment (PEA) charge which has averaged .33 cents each month for the last three years, for an estimated rate of 7.93 cents / kWh.)

Residents enrolled in the Village's program should have received a letter from ComEd in June stating their supply service will be switched back to ComEd. This "Confirmation of Drop" notice will state that the ratepayer has two billing periods in which they may choose to switch to another supplier or otherwise will be required to remain on ComEd electric supply service for a total of twelve months from the effective date stated on the letter. Residents may switch to another supplier within that first 60-day window. No action is needed on your part to be moved to the ComEd supply rate.

Residents may switch to another supplier within that first 60-day window. Residents should beware of door-to-door solicitors, direct calls or direct mail pieces regarding electric supply and are advised to review contract terms to understand any floating rates or early termination fees. It is recommended that you never release your account number to a solicitor under any circumstance, unless you have decided to move to that supplier.

The Village took advantage of multi-year lows in electric prices when it contracted the initial aggregation program rate two years ago. The overall market pricing for electricity has increased in part due to the cold winter, pressure on natural gas supplies and a somewhat strengthening economy. Although prices are now higher, residents continue to pay less than during the summer of 2010 when the ComEd rate was about 9 cents per kWh.

The Illinois Commerce Commission has established a resource for residents to learn more about supplier choice: [PluginIllinois.org](http://PluginIllinois.org).



## **CONSUMER CONFIDENCE REPORT**

### **Public Water Supply**

### **For the Monitoring Year 2013**

#### **Water Supply:**

The Village of Brookfield purchased 717,785,000 gallons of water from the Brookfield-North Riverside Water Commission, which they purchase from the City of Chicago - Lake Michigan water.

#### **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 no violations in the calendar year of 2013.



## Annual Drinking Water Quality Report for Calendar Year 2013 VILLAGE OF BROOKFIELD

**BROOKFIELD**

**IL0310330**

**Annual Water Quality Report for the period of January 1 to  
December 31, 2013**

**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: Kevin McCarthy**  
**Telephone Number: 708-485-2540**  
**E-mail: kmccarthy@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>.

## Source Water Information

Source Water Name	Type of Water	Report Status	Location
CC 01-NO TREATMENT	FF IL0315130 TP01: LAKE SW	OK	4545 Eberly Ave.

## Source Water Assessment

We want our valued customers to be informed about their water quality. If you would like to learn more, please feel welcome to attend any of our regularly scheduled meetings. The source water assessment for our supply has been completed by the Illinois EPA. If you would like a copy of this information, please stop by City Hall or call our water operator at 708-485-2540. To view a summary version on the completed Source Water Assessments, including: Importance of Source Water; Susceptibility to Contamination Determination; and documentation/recommendation of Source Water Protection Efforts, you may access the Illinois EPA website at <http://www.epa.state.il.us/cgi-bin/wp/swap-fact-sheets.pl>.

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 for 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.

## 2013 Regulated Contaminants Detected

### 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	12/31/2013	0.7	0.555 - 0.7	MRDLG = 4	MRDL = 4	ppm	N	Water additive used to control microbes.
Haloacetic Acids (HAA5)*	2013	16	3.84 - 16.18	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TThm)*	2013	42	19.16 - 60.1	No goal for the total	80	ppb	N	By-product of drinking water disinfection.

**VIOLATIONS TABLE**

<b>Consumer Confidence Rule</b>			
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.			
<b>Violation Type</b>	<b>Violation Begin</b>	<b>Violation End</b>	<b>Violation Explanation</b>
none			

0316000 CHICAGO

**DATA TABULATED BY CHICAGO DEPARTMENT OF WATER MANAGEMENT**  
**2013 Water Quality Data**

**-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.

**Maximum Residual Disinfectant Level Goal (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 (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.

**Highest Level Found:** This column represents the highest single sample reading of a contaminant of all the samples collected in 2011.

**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.

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

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

**ND:** Not detectable at testing limits.

**N/A:** Not applicable

**Detected Contaminants**

<b>Contaminant (unit of measurement) Typical Source of Contaminant</b>	<b>MCLG</b>	<b>MCL</b>	<b>Highest Level Detected</b>	<b>Range of Detections</b>	<b>Violation</b>	<b>Date of Sample</b>
<b><u>Turbidity Data</u></b>						
TURBIDITY (NTU/Lowest Monthly %≤0.3 NTU) Soil runoff.	N/A	TT(95%≤0.3NTU)	100%	100% - 100.000%		
TURBIDITY (NTU/Highest Single Measurement) Soil runoff.	N/A	TT(1NTUmax)	0.18	N/A		
<b><u>Inorganic Contaminants</u></b>						
BARIUM (ppm) Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.	2	2	0.0205	0.0204 - 0.0205		
ARSENIC (ppb) Erosion of natural deposits; runoff from orchards; Runoff from glass and electronics production wastes.	0	10	0.77	0.519 - 0.767		
SELENIUM (ppb) Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.	50	50	2.48	ND - 2.48		

## Detected Contaminants continued

<i>Contaminant (unit of measurement) Typical Source of Contaminant</i>	<i>MCLG</i>	<i>MCL</i>	<i>Highest Level Detected</i>	<i>Range of Detections</i>	<i>Violation</i>	<i>Date of Sample</i>
NITRATE (AS NITROGEN) (ppm) Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.	10	10	0.362	0.351 - 0.362		
TOTAL NITRATE & NITRITE (AS NITROGEN) (ppm) Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.	10	10	0.362	0.351 - 0.362		
<b><u>Total Organic Carbon</u></b>						
TOC [TOTAL ORGANIC CARBON] The percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements set by IEPA.						
<b><u>Unregulated Contaminants</u></b>						
SULFATE (ppm) Erosion of naturally occurring deposits.	N/A	N/A	11.9	ND - 11.9		
SODIUM (ppm) Erosion of naturally occurring deposits; Used as water softener.	N/A	N/A	7.84	7.42 - 7.84		
<b><u>State Regulated Contaminants</u></b>						
FLUORIDE (ppm) Water additive which promotes strong teeth.	4	4	0.9	0.856 - 0.922		
<b><u>Radioactive Contaminants</u></b>						
COMBINED RADIUM 226/228 (pCi/L) Decay of natural and man-made deposits	0	5	1.38	1.30 - 1.38		03-17-2008
GROSS ALPHA excluding radon and uranium (pCi/L) Decay of natural and man-made deposits	0	15	0.88	0.09 - 0.88		03-17-2008

### **Unit 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 samples less than 0.5 NTU  
 pCi/L: Picocuries per liter, used to measure radioactivity

## **Water Quality Data Table Footnotes**

### **TURBIDITY**

Turbidity is 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**

Fluoride is added to the water supply to help promote strong teeth. The Illinois Department of Public Health recommends an optimal fluoride range of 0.9 mg/l to 1.2 mg/l.

### **SODIUM**

There is not a state or federal MCL for sodium. Monitoring is required to provide information to consumers and health officials that are concerned about sodium intake due to dietary precautions. If you are on a sodium-restricted diet, you should consult a physician about this level of sodium in the water.

# CITY OF CHICAGO, DEPARTMENT OF WATER MANAGEMENT

## SOURCE WATER ASSESSMENT SUMMARY

### FOR THE 2013 CONSUMER CONFIDENCE REPORT (CCR)

#### 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 the third largest by area.

#### Source Water Assessment Summary

The Illinois EPA implemented a Source Water Assessment Program (SWAP) to assist with watershed protection of public drinking water supplies. The SWAP inventories potential sources of contamination and determined to 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 312-742-7499.

#### 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 for 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) 742-7499.

#### **2013 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.

In 2013, CDWM has also monitored 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\\_emergincontaminantstudy.html](http://www.cityofchicago.org/city/en/depts/water/supp_info/water_quality_resultsandreports//city_of_chicago_emergincontaminantstudy.html)

## ***2013 Violation Summary Table***

We are pleased to announce that no monitoring, reporting, treatment technique, maximum residual disinfectant level, or maximum contaminant level violations were recorded during 2013.



Village of Brookfield  
8820 Brookfield Avenue  
Brookfield, IL 60513

Presorted  
Standard  
U.S. Postage  
**PAID**  
Brookfield, IL  
Permit No. 33

ECRWSS  
Postal Customer  
Brookfield, IL 60513



## *Fourth of July*

The Village of Brookfield's Independence Day Celebration will take place on **Friday, July 4, 2014.**

The parade will begin at 10:00am and will depart from the intersection of Grand Blvd and Garfield Ave, traveling down Grand Blvd to Brookfield Ave and into Kiwanis Park.

After the parade, **festivities will take place this year at a new location - Jaycee/Ehlert Park - and will begin at approximately 1:00pm.** The celebration will include music, food, beverages and fun! Music will be provided by Strung Out, Heartland Star, and Battle of the Band winners Trance and Far Sighted. Check the Village's website at [www.brookfieldil.gov](http://www.brookfieldil.gov) and the Brookfield Recreation Department's Special Events Facebook page for additional details closer to the date.

