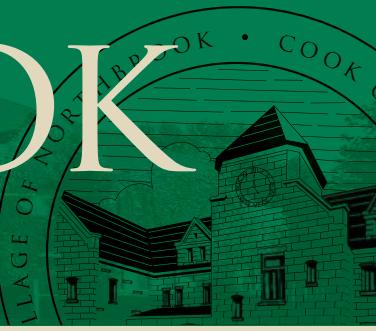


NORTHBROOK

JUNE 2015



Art in the Park A Fine Arts Festival

Get ready for a weekend of art, music and fun!

Saturday & Sunday, July 18 and 19, Village Green Park

Art in the Park, a Northbrook Fine Arts Festival, presents the highest quality in fine art and craft. For the past eight years, the Northbrook Arts Commission, in collaboration with the Northbrook Park District, has hosted this weekend event, which has developed into a revered and

highly anticipated summer happening for the Village and surrounding communities. In addition to the many artists and artwork, the festival will include food vendors, non-stop live music and children's activities.

Please visit www.northbrookarts.org or call 847/664-4493 for more information.

Inside

4th of July Festivities Preview.....	2
Coffee with the Board	2
Notes from Village President.....	3
Community Events	4

Electricity Aggregation Update	5
Northbrook Water Report	6
Take the Flood Survey	9
Recycling Reminders	10

Vehicle Stickers Go On Sale June 1

**Stickers Must Be Displayed
By Tuesday, June 30**

Purchase your Vehicle Stickers before 4:30pm on Tuesday, June 30, and take advantage of the discounted rate.

Vehicle sticker prices for 2015/16

Auto

Before June 30 @ 4:30pm	\$30
After June 30	\$38

Motorcycles

Before June 30 @ 4:30pm	\$12
After June 30	\$15

Half Price Stickers for Seniors and Hybrid Cars

Half price stickers are available for automobiles, motorcycles and recreational vehicles owned by persons 65 and over. All hybrid vehicle owners may purchase a half price sticker.

Special Village Hall Hours Saturdays in June: 9am to Noon

Normal Business Hours: Monday thru Friday 8:30am – 4:30pm

For your convenience, mail your application or use one of the postage-free drop boxes at Wood Oaks Jr. High School, the Police Department or behind the Village Hall.

Special 4th of July Vehicle Stickers
See page 2

Don't Forget Your Pet Licenses
See page 5

Shop and Dine Northbrook

**Grab your smart phone and scan
the QR Code on the back page for
instant access to shopping and
dining options in Northbrook.**

4th of July Festivities

All events are on Saturday, July 4th

Start your celebration with the Northbrook Rotary 4th of July Breakfast in Village Green Park at the corner of Shermer and Meadow from 7am to 11am. Enjoy music and old -fashioned family fun games in the park. Bring your 2015 Liberty Loop race bib for a \$1 discount.

Liberty Loop 5K Run/Walk at Techny Prairie Park and Fields starts at 7:30am, followed by the Liberty Lap Fun Run at 8am. Sign-up at www.nbparks.org

Mini-Golf Tournament from 9am to noon at Sportsman's Country Club.

Visit the **Historical Society Museum and Inn Shop** at 1776 Walters Avenue to enjoy the exhibits and purchase treasures from 9am to noon.

Annual Police Department vs. Fire Department Softball Game at the Village Green. The game begins at 10am.

The **Rotary Club Rubber Ducky Race** begins at 11:30am at Village Green Park. See page 4 for details.

The **Free Community Cookout** is from noon to 2pm at the corner of Church and Shermer Road. Presented by the Village Presbyterian Church.

Decorated Bicycle Parade starts rolling at 2:15pm. All Ages Welcome. Prizes! Registration forms available at George Garner Cyclery, 1111 Waukegan Road.

The Mile-Long Parade steps off at the corner of Cherry and Western at 2:30pm.

The Park District Pools are open from 11am to 7pm.

Fireworks At Dusk at Meadowhill Park, 1475 Maple Ave.

Visit the official Northbrook July 4th website at www.northbrook4thofJuly.com

We Want You!

Sign up now to promote your neighborhood, business or organization by entering a float or marching unit in the parade.

Sponsors Needed

Area businesses are invited to sponsor a parade specialty act.

Visit www.northbrook4thofJuly.com for official 4th of July details.



Northbrook 4th of July 2015

NORTHBROOK PARK DISTRICT
VILLAGE OF NORTHBROOK

Support the 4th of July Festivities and Receive a Special Vehicle Sticker

Again this year, residents have an option to make a donation, minimum \$20 per sticker, featuring the *logo above* to support Northbrook's 4th of July festivities.

2015 Parade Marshals

The Rotary Club of Northbrook will be the 2015 Parade Marshals in honor of their 50 years of service in Northbrook.

Join Us for Coffee with the Board



The Northbrook Village Board will host a Coffee with the Board on Saturday, June 6, from 9am to 11:30am, at the Village Hall to coincide with the first Saturday of the month vehicle sticker sales.

This meet-and-greet opportunity at the Northbrook Village Hall, 1225 Cedar Lane, provides a venue for the public to speak with Village Board members and Village President Sandy Frum in an informal setting. Residents are invited to express opinions, ask questions and provide input on items of interest in the Village. Village staff from various departments, including Police and Fire, will be on hand to answer questions and sign up residents for Northbrook Notify, the Village's mass notification system. Refreshments, including hot coffee, will be available.



Notes from Village President Sandy Frum



With the nicer weather here, it's finally time to enjoy a summer full of hometown events and family traditions, planned by the Village of Northbrook, the Park District and other community organizations. Before I highlight some of our summer events, I want to share some record-breaking statistics from the Village's April Earth and Arbor Day recycling event.

Over 30,000 pounds of e-waste collected

I want to thank all the residents who participated in this year's Earth Day recycling event. This year, we collected 14,653 pounds

of television sets and monitors, 3,288 pounds of computers, 2,594 pounds of batteries and 9,523 pounds of miscellaneous electronics, which adds up to a total of 30,058 pounds or more than 15 tons of e-waste collected. In addition, 935 gallons of paint were collected, 18,675 pounds of paper and Goodwill collected an abundance of clothing and household goods. Thank you, Northbrook! Please see page 10 for a comprehensive list of what, and what not, to recycle.

June kicks off the summer with a weekend of fun beginning with Rock the Green – Battle of the Northshore Youth Bands at the Village Green on June 5, followed by the American Cancer Society's Relay for Life on June 6. Please see page 2 for details. The Park District's Tuesday night Park Fest concerts begin on June 9. See page 4 for the concert lineup.

I'm pleased to announce that the Northbrook Farmers Market opens on Wednesday, June 17 at 7:30am at Meadow Plaza. (See page 5 for details). As in years past, Northbrook residents can plan to spend a traditional 4th of July in Northbrook. The Village of Northbrook and the Northbrook Park District have a wonderful day of fun planned, ending with spectacular fireworks on Saturday, July 4! (See page 2 for details.)

While You are Enjoying Summer Fun, Remember to Shop and Dine in Northbrook

This summer, think Northbrook for shopping and dining. In addition to enjoying our community events, I encourage everyone to shop and dine locally. If you have a smart phone, scan the QR Code on the back page for access to our Northbrook mobile Shop and Dine directory or check out www.northbrook.il.us/ShopDine. Perhaps you'll find a new restaurant or store to visit.

Developments in Northbrook

It's clear that the business community continues to see Northbrook as an attractive place in which to grow and expand. A strong commercial base helps the Village continue providing high quality services while still maintaining one of the lowest property tax rates in the area.

The Development and Planning Services Department created a Current Development Projects webpage, so that members of the public can easily find the status of current development projects that require Village Board approval. The page features Northbrook projects in various phases of development and provides links to Village Board and Plan Commission meeting agendas, materials, minutes and videos, as well as to an interactive map highlighting the status of various projects under construction. I encourage you to visit www.northbrook.il.us/developments

State Budget Concerns

As reported in last month's newsletter, Governor Rauner has proposed a 50 percent reduction to the Local Government Distributive Fund (LGDF) to help balance the State's budget. Currently, the LGDF receives 8% of the total State income taxes paid by residents and businesses and distributes these funds to local governments, based on population. A 50% reduction to the LGDF would create an annual loss to Northbrook of approximately \$1,600,000. It is unclear whether the State Legislature will approve such a large diversion of LGDF away from municipalities. I remain in frequent contact with our local legislators and encourage them not to solve the State's financial problems on the backs of local government. Additionally, as Co-Chair of the Northwest Municipal Conference Legislative Committee, a regional council of government representing 44 area municipalities, I am actively working to reinforce this message to Governor Rauner and the Legislative leadership. Northbrook has made the tough decisions to keep our financial house in order. I encourage the State of Illinois to do the same, and not push its problems onto local government.



Support the Youth of Northbrook

6th Annual Rock the Green

The Battle of the North Shore Youth Bands will rock the Village Green on Friday, June 5 from 6 to 9pm.

All ages are invited to enjoy the musical showcase and competition. Audience members can vote for their favorite band at the free family event. The first-place winner will perform at Park Fest on June 16 before the main act. Rock the



Green is sponsored by the Northbrook Park District, Northbrook Arts Commission and Northbrook Youth Commission. For more information, call 847/291-2995.

Relay for Life

Join the American Cancer Society's Relay for Life on Saturday, June 13, 6pm at GBN.

Be a lifesaver at the American Cancer Society Relay for Life and help defeat cancer. Walk and raise funds to support Society research, education programs and free services for cancer patients and their families.

Visit www.RelayForLife.org/GlenbrookNorthIL for more information.



Just a reminder: Pets are not allowed at Village Green Park during community events.

Park Fest Summertime Concerts in the Park

The sounds of rock and roll, country, rhythm and blues, pop, vocal harmony and Caribbean music will fill Village Green Park this summer with the return of Park Fest, the popular outdoor concert series that starts on Tuesday, June 9.

Free concerts begin at 7pm, and food service from area restaurants begins at 6pm. No dogs are allowed in the park during concerts, and no alcohol is allowed. Visit www.nbparks.org

In case of rain, call the Northbrook Park District Weather/Activity Hotline at 847/291-2985 for updates.

June 9: *Pirates over 40*, Restaurant – Viccino's Pizza

June 16: *Flat Cats*, Restaurant – Pinstripes
Winner of Rock the Green performs at 6:30pm

June 23: *One Foot in the Groove* - Viccino's Pizza

July 30: *Billy Elton*, Restaurant – Whole Foods

July 7: *Billy Croft*, Restaurant – Pinstripes

July 14: *Classical Blast*, Restaurant – Viccino's Pizza

July 21: *Spoken Four*, Restaurant - Pinstripes

Quack, Quack ... We're Back!

It's the 13th Annual Rubber Ducky Race on the 4th of July

The Rotary Club of Northbrook invites all to join the excitement. The race begins at the Shermer Avenue Bridge in downtown Northbrook at 11:30am, following the 4th of July Breakfast in the Park. Sponsor a ducky for a \$5 donation to the Northbrook Rotary Charitable Foundation, or donate \$25 to sponsor a Rubber Ducky "quack pack" of six for a chance to win \$1000 in cash prizes awarded. Details and tickets are available on-line at www.northbrookrotary.org or from your favorite Rotarian. For more information, call 773/716-6324 or email akarzen@karzenrestoration.com



Electricity Aggregation Update



In 2012, the municipalities of Deerfield, Glencoe, Highland Park, Lake Bluff, Lake Forest, Northbrook, Park Ridge and Skokie, collectively known as the Consortium, entered into a three-year contract with MC Squared Energy Services, LLC (mc2) to serve as the alternative electricity supplier to almost 70,000 Consortium customers. The contract with mc2 ended with the May 2015 billing cycle.

The Consortium has entered into a new agreement with Constellation/Integrys Energy Services to provide electricity supply and services to Consortium communities. The new 24-month agreement with Constellation/Integrys Energy Services resulted from an extensive, competitive process that started in November 2014. Responses to a Request for Proposals (RFP) process from suppliers were evaluated by the Consortium's members, legal counsel, and energy consultant. The Consortium negotiated with the suppliers to gain meaningful consumer safeguards and supply standards that include affordable renewable energy options.

Don't Forget Your Pets!

continued from front page

A lost pet will be returned quickly through the information on its pet tag.

Animal tags for 2015/16 must also be displayed by June 30. In order to purchase an animal tag, you MUST present a current rabies certificate for each animal with the application. Note: If your pet has a multi-year rabies vaccination due to expire in 2015, a rabies certificate must be provided. If the rabies vaccination expires after 2015, then a rabies certificate is not required to purchase a renewal animal tag. A lower fee is available to pet owners who can provide a valid veterinarian statement showing that the animal has been neutered/spayed. Licenses for altered pets are \$10 each; unaltered animals are \$20.

The transition process to the new supply contract will include the following stages:

- By now you should have received a letter from ComEd explaining that the supply contract with mc2 expired in May and all accounts will revert to the ComEd default rate. This transition will occur automatically. No action is necessary by the customer to revert to ComEd. Residents should be aware that representatives will not call or visit their homes as part of the transition. Residents should exercise caution if they are asked for their ComEd account numbers by any party.
- If a new electricity supply price is set, the Consortium will send opt-out letters to all residential and small commercial accounts to provide the opportunity to participate or opt-out of the new municipal aggregation supply contract. Accounts that are enrolled in the new municipal aggregation supply contract will receive a final letter from ComEd verifying that the account has been enrolled in to the municipal aggregation supply contract.
- If a new rate cannot be set that is less than ComEd's default rate, customers will remain with ComEd.

Questions?

Call Constellation/Integrys directly at 844/824-7627 or visit www.northbrook.il.us/electricity

Questions?

Questions regarding vehicle stickers and animal tags should be directed to the Finance Department at 847/272-5050, ext. 4200.

Enjoy Northbrook's Dog Park!

Membership passes and renewals are available for the Northbrook Dog Park at Coast Guard Park. Residents need to submit proof of a current Northbrook dog license, a completed Dog Park Application, and completed Dog Park Veterinarian Verification Form.

For information about membership, visit www.nbparks.org, the Leisure Center, Village Green Center or Northbrook Sports Center or call the Northbrook Park District at 847/291-2980.



Farmers Market Opens on Wednesday, June 17

Northbrook Farmers Market opens its 7th season with the traditional 10am Watermelon Cutting Ceremony, this year presided by the Police Chief Chuck Wernick and Fire Chief Jose Torres. Everyone is invited to enjoy a slice of watermelon and a full morning of fun activities, including kids' projects, as well as shop for farm fresh produce, delicious artisan foods and organic products. The market is open 7am to 1pm, Wednesdays, June 17 until October 14, rain or shine, in downtown Northbrook, in Meadow Plaza parking lot at the corner of Cherry & Meadow. Visit www.NorthbrookFarmersMarket.org

Northbrook Water Consumer Confidence Report

General Introduction to Water Supplies

This information is provided as required by U. S. Environmental Protection Agency & Illinois Environmental Protection Agency. The many terms and acronyms used in the following paragraphs are defined below. If you have any questions or want to know where to find additional information about our water supply, contact Ken Gardner, Utilities Superintendent, at ken.gardner@northbrook.il.us or 847/664-4113.

Sources of Drinking Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and groundwater 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. It also can pickup substances resulting from the presence of animals or from human activity.

Our water comes from Lake Michigan. Northbrook had no water quality violations during the past year. Please share this information with other people who drink this water, especially those whom may not have received this notice directly (for instance, people in apartments, nursing homes, schools or businesses). You can do so by posting this notice in a public place or distributing copies by hand or via US mail.

Contaminants that may be present in source water include:

- Disinfection By-Products (DBPs), including total trihalomethanes (TTHMs) and haloacetic acids (HAA5s), are by-products of chlorine and certain organic compounds present in raw water. The maximum contaminant levels for TTHM and HAA5 are 80 µg/l and 60 µg/l respectively. Some people who drink water containing DBPs in excess of the Maximum Contaminant Levels (MCL) over many years experience problems

with their livers, kidneys or central nervous system, and may have increased risk of developing cancer;

- Lead, if present in elevated levels, 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. Northbrook 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 www.epa.gov/safewater/lead. Northbrook remains in compliance with the lead and copper regulations;
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses;
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities;

- 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;
- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife;
- 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;
- Sodium which is not regulated by US Environmental Protection Agency (USEPA) or Illinois Environmental Protection Agency (IEPA), but monitoring is required to provide information about sodium uptake due to dietary precautions. If the level is greater than 20 mg/l and you are on a sodium restricted diet, you should consult a physician;
- Turbidity is a measure of the 'cloudiness' of water. It is good indicator of water quality and the effectiveness of our filtration system and disinfection practices. Our water leaves the plant at 0.04 NTUs.

Other Facts about Drinking Water

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 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 systems. Food and Drug (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, and 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 and Center for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the EPA Safe Drinking Water Hotline at 800/426-4791. No evidence of Cryptosporidium has ever been found in Northbrook's water.

Some Facts About Northbrook's Water System

Northbrook is the only off-shore community in the Chicago area to draw water directly from Lake Michigan and process it at an inland water filtration plant.

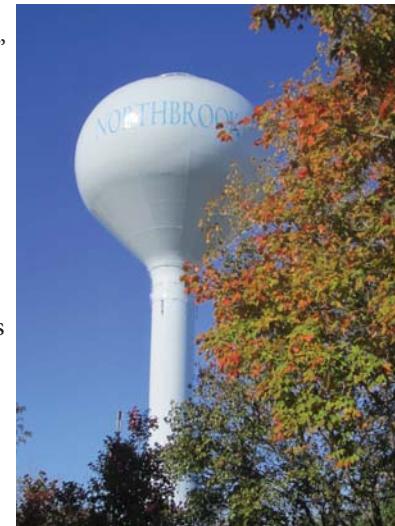
Since 1963, Northbrook has increased rated production capacity from 6 million gallons per day (MGD) to approximately 20 MGD.

Our water supply begins in Lake Michigan in Glencoe. Raw water flows through two intake lines. The older (1963) 30" intake extends 2,550' from shore, ending in an intake structure with 3 cone-shaped "funnels" located 23+ feet under the surface of Lake Michigan. The newer (1993) primary intake, is 48-inches in diameter, 6,400 feet in length and 36+ feet under the surface with one large flared riser surrounded by a 35-foot square by 8-foot high wooden timber crib. Water flows by gravity into a 28-foot deep, 26,000 gallon "suction well" in the pump station at the shoreline. Seven various sized vertical turbine "low lift" pumps, controlled by Water Plant Operators at the Filtration Plant, pump the raw water through 2.9 miles of 24 and 30-inch mains to the Plant for processing. Water is filtered through anthracite/sand media filters, chlorinated for disinfection, and fluoridated for prevention of tooth decay. The newest (1994) 8 MGD plant addition uses multi-media filters with additional anthracite and two gradations of crushed garnet.

After treatment at the Plant, eight various sized "high lift" pumps send the processed water through a network of about 170 miles of water mains. Three additional system pumps are located at the West Side Reservoir. The Water Plant is staffed around-the-clock. Operators are required to obtain the highest competency (Class A) certificates from the Illinois EPA which requires passing a rigorous series of exams. Tap water is

typically delivered in the 40 - 60 PSI pressure range throughout Northbrook. Higher elevation areas experience lower pressures.

Periodically, water issues are addressed by the Village Board of Trustees. The Village Board normally meets on the second and fourth Tuesdays of each month at 7:30pm at the Village Hall, 1225 Cedar Lane. Exact times and dates can be verified by calling the Village Hall at 847/272-5050 or visit www.northbrook.il.us



Source Water Assessment

The Illinois EPA considers all surface water sources to be susceptible to potential pollution. By nature surface water allows contaminants to migrate into the intakes with no protection except dilution.

Thus IEPA mandates treatment for all Illinois surface water supplies. A workgroup from the Great Lakes States organized to develop a protocol for assessing the Great Lakes. The mission of the Great Lakes Protocol workgroup was to develop a consistent procedure with the flexibility to properly conduct source water assessments of our Great Lakes drinking water sources. According to the IEPA, this flexibility takes into account source variability and site specific concerns for determination of source sensitivity and susceptibility. Sensitivity is the intrinsic ability of surface water to be isolated from contaminants by the hydrologic or geologic attributes. According to the sensitivity analysis, Northbrook's two intakes are located far enough offshore that shoreline point

sources are not a water quality factor. However, at certain times of the year, the potential for contamination exists due to storm water runoff and wet weather flows from the North Shore Channel. If currents are flowing in a northerly direction, contaminants from these flows could migrate to Northbrook's intakes and compromise water quality. A correlation between Northbrook's rainfall data and coliform data, combined with North Shore Channel discharge dates, show the potential effect of these flows on Northbrook's water quality. The best way to ensure a safe source of drinking water for a water supply is to develop a program designed to protect the source water against potential contamination on the local level. Since land use within the Illinois Lake Michigan watershed is mostly urban, most watershed protection activities in this document are aimed at this purpose. Citizens must be aware that activities around the house may have a negative impact on their source water.

The main efforts of the immediate community should be to promote an awareness of storm water drains and their direct link to Lake Michigan. A proven best management practice (BMP) for this purpose is the stenciling of a notice indicating the connection between storm water drains and the lake. Stenciling, along with education about proper storage, disposal and use of potential contaminants, is necessary to continue to keep Lake Michigan a safe reliable source of drinking water.

Water supply officials from Northbrook are active members of the West Shore Water Producers Association. Coordination regarding water quality situations (i.e., spills, tanker leaks, exotic species, etc.) and watershed protection are frequent topics discussed at quarterly meetings of this organization. Lake Michigan, as well as all the Great Lakes, has a variety of organizations and associations that are currently working to either maintain or improve water quality.

Water Test Results

Substance	Type	Units	MCLG	MCL	Range of Levels	HDL	Comments
Barium	Inorganic	mg/l	2	2	0.0216 – 0.0216	0.0216	Drilling waste & metal refinery discharge, natural element
Chlorine	Inorganic	mg/l	MRGLG/MRDL = 4	0.9 – 1.3		1.3	Water Additive for disinfection.
Coliform (non-fecal)	Microbial	% present	<5% monthly	positive	0 - 2.3	2.3	Naturally present in environment
Copper	Inorganic	mg/l	1.3	AL = 1.3	0-0.269 (No site>AL)	0.269	Plumbing, erosion, wood preservative
Fluoride	Inorganic	mg/l	4	4	0.964 – 0.964	0.964	Fertilizer & aluminum factory discharge; decay preventative additive
Haloacetic Acids (HAA5)	DBP	µg/l	n/a	60	6.75 – 22.8	22.8	Chlorination by-product
Lead	Inorganic	µg/l	0	AL = 15	0-11.3 (No site > AL)	11.3	Plumbing system & natural erosion
Nitrate (as N)	Inorganic	mg/l	10	10	0.316 - 0.316	0.316	Fertilizer & septic run-off, sewage
Radium Combined	Radioactive	pCi/l	0	5	1.24 - 1.24	1.24	Erosion of natural deposits
Sodium	Inorganic	mg/l	n/a	n/a	8.54 – 8.54	8.54	Natural erosion, water softener
Total Trihalomethanes	DBP	µg/l	n/a	80	18.8 – 51.5	51.5	Chlorination by-product
Turbidity	Microbial	% < 0.3 NTU	lowest % meeting limit		100%		Soil runoff
Turbidity	Microbial	NTU	Limit TT = 1 NTU		0.04 HSM		Soil runoff

Note: "Range of Levels" is the range of sample data collected annually. In some cases only one sample was collected.

Note: Test results completed in 2014, except Radium, which was 2011. Not all results are used for calculating HDL because some may be used to evaluate what sampling compliance should occur in future.

Note: The percentage of total organic carbon (TOC) was measured each month. Northbrook meets all IEPA requirements.

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

Avg Regulatory compliance with some MCLs is based on running annual average of monthly samples.

DBP Disinfection By-Products

HDL Highest Level Detected

HSM Highest Single Measurement

MCL Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MaximumContaminant Level Goal as feasible using the best available treatment technology.

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.

mg/l Milligrams per liter: equivalent to parts per million (ppm) or ounces per 7,350 gallons of water

µg/l Micrograms per liter: equivalent to parts per billion (ppb) or ounces per 7,350,000 gallons of water

MRDL Maximum Residual Disinfectant Level: The highest level of disinfectant allowed in drinking water.

MRDLG Maximum Residual Disinfectant Level Goal: The level of disinfectant in drinking water below which there is no known or expected risk to health. MRDLGs allow for a margin of safety.

N/A Not Applicable

ng/l Nanograms per liter: equivalent to parts per trillion or ounces per 7,350,000,000 gallons of water

NTU Nephelometric Turbidity Units

pCi/L picocuries per liter (a measure of radioactivity)

%<NTU Percent of samples less than 0.5 NTU

ppb parts per billion or micrograms per liter (ug/L): or one ounce in 7,350,000 gallons of water.

ppm parts per million or milligrams per liter (mg/L): or one ounce in 7,350 gallons of water.

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

Recent Concerns

Hexavalent Chromium (also known as Chromium 6, Cr6 or CrVI) has received a lot of attention recently. Northbrook's water testing for Cr6 detected levels from 0 to 0.26. This is similar to results from other Lake Michigan users. There are essentially three types (ions) of Chromium – Cr⁰, Cr³ and Cr⁶. Total Chromium is the combination of all three. Cr³ (which is a vital nutrient for human health) and Cr⁶ transform one to the other depending on other physical and chemical characteristics of the water. The current USEPA/IEPA maximum contaminant level (MCL) for total chromium is 100 µg/l. Recent articles cite more sensitive tests performed by relatively few laboratories that can measure hexavalent chromium levels down to 0.02 µg/l. A proposed California public health goal for Cr⁶ is 0.02 µg/l. It is thought that this is the level at which a lifetime of drinking two quarts per day would entail a 1 in 1,000,000 chance of serious illness. This

concept is a widely used definition for "negligible risk". There is still a great deal of research being done on this subject, including health effects and treatment options. The EPA has information about this substance available on its web site at www.epa.state.il.us/water/compliance/drinking-water/chromium.html.

Pharmaceuticals and Personal Care Products (PPCPs) in water have also been widely discussed lately. The USEPA and IEPA do not regulate the amount of PPCPs in waters supplies, and have not established that very low levels of these substances pose any health threats. IEPA and the American Water Works Association (AWWA) have more information available at www.epa.state.il.us/medication-disposal/sampling.html or www.drinktap.org/consumerdm/home/waterinformation/water-quality/pharmaceuticals-ppcps.aspx

Testing of Northbrook's water for 27 chemical compounds included in the category of PPCPs showed detectable levels for two substances, Cotinine and DEET. Cotinine, which is a by-product of nicotine, was found at the level of 2.1 ng/l. DEET, which is the chemical used in many insect repellents, was found at a level of 6.5 ng/l.

Hardness (which consists primarily of magnesium and calcium) levels can affect swimming pool care. Lake Michigan water is an ideal source of drinking water, but it can offer challenges for those maintaining swimming pools. One of the key concerns is the effect of calcium hardness on the condition of pool walls. Northbrook's hardness level, has been measured at about 130 mg/l. Experts state that pool water should have calcium hardness levels between 200 – 400 mg/l, but each situation is different so please make sure you consult a pool expert when treating your pool water.

Flood Pilot Study and Survey for Northbrook

The Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) is investing in several communities across Cook County in order to find measures to reduce local flooding problems.

Northbrook is one of the communities that has been chosen for a Flood Pilot Study, which means that the MWRDGC will be looking at all aspects that contribute to flooding in the Village and the immediate unincorporated surrounding areas

Whether you experience flooding or not, you can help by taking the survey and provide information about the situation in your neighborhood and on your property.



MWRDGC's goal is to look beyond the conventional approaches to stormwater management and to include green and sustainable improvements that will be cost effective while also enhancing the environment.

Residents may access the 5-10 minute survey at the website below and learn more about the MWRDGC and this project. If you prefer, take the survey on paper or on a computer at the Northbrook Public Library by visiting the reference desk on the second floor.

Take a few minutes now to visit the website and take the survey!
www.northbrookfloodstudy.org

Village Board Highlights

Recognized

- Sue Huang for her years of service on the Community Relations Commission
- Linda Goldsher for her years of service on the Community Relations Commission

Authorized

- Generator Maintenance, Inspection and Repair Services Agreement, \$20,879
- Renewal of Contract for purchase of uniforms for Public Works Department, \$26,070
- Northbrook East Stormwater Management Facility Agreement, \$221,956
- Procurement of additional tree & stump removal services, \$100,000
- Purchase of power supplied training tables for the Emergency Operations Center, \$27,432
- Renewal of Agreement for treatment of 70 Parkway Trees, \$17,270
- Roof maintenance services, \$158,400
- Purchase of Salt for 2015-16 Winter Season, \$199,640

Approved

- Renewal of Special Permit for a Transitional Service Facility, Glenkirk, 3830 Walters Avenue
- Special Permit for Automotive Repair Shop, 1827 Janke Drive

Amending

- Municipal Code regarding Membership in the Senior Services Commission
- Zoning map for 1827 Janke Drive
- Annual Fee Ordinance to increase the number of Class K Liquor License

Watch Village Officials in Action!

Most Village Board and Plan Commission meetings are streamed live on our website at www.northbrook.il.us and cablecast live on NCTV - Cable Channel 17. AT&T U-Verse subscribers must tune to channel 99 and search *Northbrook*. All cablecast meetings are archived on-line. To watch a Village meeting on line, visit www.northbrook.il.us and click on Meetings and Agendas.



Recycling Reminders for Residents

All eligible households have either one 65-gallon recycling cart or one 95-gallon cart. Materials should be placed in the cart for collection. Recyclables may be comingled inside the cart with no need to separate materials. Here's a handy reference list, along with some recent changes.

Acceptable Recycling Materials

Please be sure to rinse and clean all containers. Recycling carts contaminated with refuse or improper materials will be tagged and not collected. Please keep in mind, plastic shopping bags are not recyclable when placed in your weekly recycling cart for pick-up, but bring them back to the grocery store, as most stores will recycle them. Look for a labeled bin, typically near the front of the store.

CONTAINERS

- *Aerosol cans from household use*, such as hairspray, are now accepted and recycled as metal cans
- Aluminum cans, trays and foil (trays and foil must be cleaned)
- Steel cans and tins
- Aseptic packaging and gable top containers. *This now includes milk and juice cartons!*
- Glass bottles and jars (clear, brown, green); *No window glass, auto glass, dinnerware or ceramics*
- PET soda, water and flavored beverage bottles (#1 clear and green plastic resin). *It's now okay to leave the bottle caps on.*
- HDPE milk, water and juice jugs (#2 clear plastic resin)
- HDPE detergent and fabric softener containers (#2 colored plastic resin)
- PVC narrow neck containers only (#3 plastic resin); such as health and beauty products, household cleaners
- LDPE grocery containers (#4 plastic resin); such as margarine tubs, frozen desert cups, six pack rings, etc.

- PP grocery containers (#5 plastic resin); such as yogurt cups, and narrow neck syrup and ketchup bottles
- #7 plastic resin narrow neck containers only
- Plastic buckets, such as kitty litter containers (5 gallon size maximum); *no metal handles*

PAPER FIBER

- Newspaper, including inserts (*remove plastic sleeves*)
- Cardboard (no waxed cardboard)
- Kraft (brown paper) shopping bags
- Magazines, catalogs and telephone books
- Office, computer, notebook and gift wrap paper (no metal clips, spirals, binders)
- Chipboard (cereal, cake mix boxes, gift boxes, shoe boxes, etc.)
- Carrier stock (can carrying cases)
- Junk mail and envelopes (no plastic cards, stick on labels or unused stamps)
- Paperback books (no hard cover books)

Here is a list of things you may think are recyclable that actually aren't.

Shredded paper – Shredding paper shortens the paper fiber and makes it more difficult to recycle.

Brightly colored paper – Brightly colored paper can ruin a whole load of paper!

Pizza boxes – This is one of the most commonly mistaken items. Although they are made of cardboard, the grease from the pizza contaminates the raw material.

Household glass and pottery – Items like window panes, mirrors, light bulbs, mugs and dishes are impractical and should be left out of your recycling.

Wet paper – Paper that has gotten wet can have damaged fibers which make recycling difficult or impossible. Take care to cover your recyclables to keep them safe from the elements.

Paper coffee cups – Although often thought of as a better alternative to Styrofoam, paper cups pose issues to recycling due to the plastic coating applied to prevent leaking.

Used baby diapers – the plastic and paper from them cannot be salvaged by most recycling facilities.

Household Electronics Drop-off First Tuesday of the Month Recycling from 7am to 3pm

The drop-off area is located at the fleet maintenance garage behind the Village Hall, at 1227 Cedar Lane, from 8:00am - 3:00pm. Items that may be dropped off include: computers, DVD players, monitors, televisions and printers.

Paint is no longer accepted by the Village. Please contact Northfield Township Road District to drop off paint during their designated times and days at www.northfieldtownship.com or call the Road District at 847/724-7055.

Household Batteries, CFLs, LEDs and Fluorescent Bulbs Drop-off Open Weekdays, 7am to 3pm

Drop-off bins are located behind the Village Hall at the Public Works Fleet Maintenance Garage, 7am to 3pm, Monday through Friday. There is also a bin for 4' fluorescent bulbs and household batteries. Questions? Call 847/664-4130 or email village@northbrook.il.us

For disposal of other items, such as car batteries or motor oil, please contact Northfield Township Road District at 847/724-7055 or visit www.northfieldtownship.com for drop-off options.

Village Happenings

Summer Reading is for everyone! Kids, teens, and adults alike can join a Summer Reading Club at the Library. Read books and win prizes!

The **North Shore Chamber Music Festival** will take place on June 3, 5 and 6 at the Village Presbyterian Church, 1300 Shermer Rd. Named an “inspired summer event not to be missed” for all. For more information and tickets, please call 847/370-3984 or visit www.nscmf.org

Covenant Village of Northbrook's one-day Farmer's Market 11am – 1pm, Thur., June 4, 2625 Techny Road. Purchase from a bounty of fresh fruits and vegetables. You'll also discover delicious cheeses and baked goods, plus special craft items hand made by senior residents. Cash only.

A pair of Ravinia Lawn Passes could be yours if you attend the **Library's Parisian Salon Concert** on Fri., June 5 at 7:30pm. Bring your library card to register, and you could leave the concert a winner!

The **Northbrook Park District offers Girls' Golf Socials** on Fridays, June 5 and 12 from 4-6pm and June 19 and 26 from 5-7pm at Anetsberger Golf Course. The sessions give girls (ages 6-13) the chance to play golf, assisted by the GBN Girls' Golf Team. Call 847/291-2971 to sign up.

The Library begins **Make It! Month** with a Bike Safety Kick-Off on Sat., June 6. Crafters and technology enthusiasts will find a DIY program to love. Visit www.northbrook.info/make-it

The **Northbrook Symphony Orchestra** and the Music Institute of Chicago present a special concert on Sat., June 6, 7:30 pm at Nichols Concert Hall in Evanston. The concert features several young MIC Academy musicians who appear as guest soloists with the Northbrook Symphony. For more info and reservations visit www.northbrooksophony.org or call 847/272-0755.

Parents and children can learn golf together at Sportsman's Country Club in a series of three Sunday classes, beginning on Sun., June 7, from 4-6pm. For more info, visit www.nbparks.org or call 847/291-2351, ext. 3.

A **Parkinson's support group** for people with Parkinson's, as well as their caregivers and families will be held at 10am, Mondays, June 8 & June 22, Covenant Village of Northbrook, 2625 Techny Road.

The Northbrook Park District invites the community to attend family-friendly performances of **Oliver!** on June 12-14 at the Northbrook Theatre. Show times are 7pm on June 12 and 13 and 2pm on June 14. For more info and tickets call 847/291-2995 or visit www.nbparks.org.

The **Library will host its Grand Opening** celebration on Sat., June 13 (10am-4pm) and Sun., June 14 (1pm-4pm). Join us and enjoy a variety of live entertainment, tours of our renovated spaces, and refreshments!

Friday night bicycle races get rolling on June 12 at 7pm at the **Ed Rudolph Velodrome** in Meadowhill Park. Riders of all ages and abilities are welcome. On Thursday nights, all can watch top cyclists compete. For more information, call 847/291-2980 or visit www.nbparks.org

Summer Camps with the Northbrook Park District begin on Mon., June 15, with Parent Orientation on Mon., June 8 at the Leisure Center from 6:30-8pm. Performing Arts Workshops begin on June 15 and 22. For info, visit www.nbparks.org or call 847/291-2995.

Learn how neighborhood garden pathways help native birds and butterflies survive, plus ways to maintain your own earth-friendly yard, with the **Library's Earth-Friendly Yards** program on Tues., June 16 at 7pm.

The **Chicago YIVO Society** comes to the Library this month for two inspiring programs: Steve Gibbons Gypsy Rhythm Project on Tues., June 16, 2:00pm and “Irving Berlin: The Ultimate Immigrant” on Tues., June 30, 7:00pm.

The **Library Board of Trustees** meets Thursday, June 18 at 7:30pm at the Northbrook Public Library. All meetings are open to the public.

Apas Piano Trio will perform works of Beethoven, Weber and Dvořák performed by South Korea natives on Fri., June 19, 7pm at Covenant Village of Northbrook, 2625 Techny Road.

Do your little ones love **Pete the Cat**? Join the Library for Story Fest on Fri., June 19, 3:30-5:00pm, for a celebration filled with songs, crafts, snacks, and fun! Visit www.northbrook.info to register.

Grammy-nominated kindie rocker **Ralph Covert** comes to the Library on Sat., June 20, 10:30-11:30am in the auditorium. You and your kids won't be able to stay in your seat when you hear the beat!

The Northbrook Park District begins **skateboard instruction** on Sat., June 20 from 10-11am at the skate park at Techny Prairie Park and Fields for ages 6-13. For more information, call 847/291-2995.

Liberty Loop Early Fee deadline is Mon., June 22 for the 5K on July 4. The early fee is \$15/ages 6-12 and \$23/ages 13 and older. Registration forms are online at www.nbparks.org and at the Leisure Center, Village Green Center and Northbrook Sports Center. For more information, call 847/291-2980.

On Mon., June 22, from 6:30-8:30pm, teens and adults can **learn self-defense** with the Brave Way Self-Defense System at the Leisure Center. The fee is \$29/residents and \$39/non. For information, visit www.nbparks.org or call 847/291-2995.

The **Park District Board** meets on Wed., June 24, at 7pm at the Leisure Center, 3323 Walters Ave. Agendas are online at www.nbparks.org in the About Us section, under Board of Commissioners.

The **Northbrook Symphony Orchestra** will hold their annual Gala on Wed., June 24, 6pm at the Chevy Chase Country Club in Wheeling. Enjoy drinks, dinner, entertainment, a silent auction and a live auction emceed by Ron Bernardi. For reservations visit www.northbrooksophony.org or call 847/272-0755.

Can changing your habits improve your life? Come to the Library on Thur., June 25, at 1pm, for a discussion of Charles Duhigg's “The Power of Habit”.

Adults can enjoy **Zumba in the Park** on Friday mornings starting Fri., June 26 from 9:30-10:30am. A six-week session is \$55/residents and \$69/non; the drop-in fee is \$10/12 per class. For registration or more information, visit www.nbparks.org or call 847/291-2995.

Join a discussion at the Covenant Village of Northbrook **Citizens Forum: Is Immigration Reform Possible in 2015?** at 2625 Techny Rd., on Mon., June 29 at 6:30pm.

The batting cages at Techny Prairie Park and Fields will offer expanded hours, beginning on June 8. Hours of operation will be Monday-Friday: 12-9pm, Saturdays: 10am-8pm and Sundays: 12-8pm. Helmets are required and provided at no charge. Tokens are \$1 each or 6 for \$5. For weather updates, call 847/291-2985.

Interested in Golf? There are plenty of options including the New Summer Swing League & Couples Golf at Sportsman's Country Club. For more information, call 847/291-2351, ext. 1.

Fitness and fun combine on Friday nights with a new program from the Northbrook Park District that begins on Fri., June 26 at Greenbriar Gym. **Friday Night Fit Club offers Zumba** from 7-8pm; open to all ages. Advance registration is not required; the drop-in fee is \$5/person.

The **Northbrook Park District Senior Center** at 3323 Walters Avenue offers programs such as, movie screenings, a trip to the race track, a day at Catigny Park, a Chicago Crime tour, and much more for adults age 55 and over. For info call 847/291-2988 or visit www.nbparks.org

Get the scoop BEFORE you dig! Call the Joint Utility Locating Information for Excavators at 1 800/892-0123 or 8-1-1 BEFORE you dig. It's free, it's required, and it's for your safety.



THE VILLAGE OF NORTHBROOK

www.northbrook.il.us
village@northbrook.il.us
1225 Cedar Lane
Northbrook, IL 60062

Hours: Monday–Friday, 8:30 am–4:30 pm

Village Hall	847/272-5050
Village Hall Fax	847/272-1892
Police and Fire Emergency	911
Police Non-Emergency	847/564-2060
Fire Non-Emergency	847/272-2141
Public Works	847/272-4711

Village Officials:

President: Sandra E. Frum

Village Clerk: Debra J. Ford

Village Manager: Richard A. Nahrstadt

Village Trustees:

James A. Karagianis

A.C. Buehler

Michael W. Scolaro

Todd A. Heller

Kathryn L. Ciesla

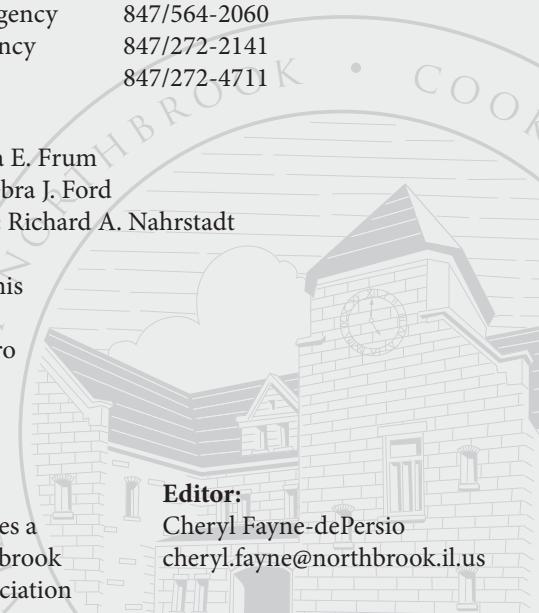
Robert P. Israel

This newsletter is published ten times a year by the Northbrook Information Association

Editor:

Cheryl Fayne-dePersio

cheryl.fayne@northbrook.il.us



Northbrook Information Association

1225 Cedar Lane
Northbrook, IL 60062

CART RT SORT
Non Profit
Organization
U.S. Postage
PAID
Northbrook, IL
Permit 1243

POSTAL CUSTOMER
Northbrook, IL 60062



Scan and save this QR Code on your smart phone for instant mobile access to shopping and dining options in Northbrook.



www.facebook.com/
NorthbrookIllinois

Historian's Corner

presented by the Northbrook Historical Society

Organizations in Northbrook and the Members Who Shape Our Village

Each year, the community commemorates many organizational and institutional milestones.

This year we note the 40th anniversary move of the Northbrook History Museum to Village Green Park, the 50th anniversary of Westmoor School, the 50th anniversary of the Rotary Club of Northbrook, the 60th anniversary of the Northbrook Women's Club, the 60th anniversary of the Northbrook Chamber of Commerce and the 65th anniversary of the Northbrook Garden Club.

These unrelated organizations touch the community in different ways. Yet, they all play a vital role in the fabric of our community. They also have many connections to each other. For example, the Chamber works tirelessly to ensure a vital business environment that enhances our community through the encouragement of good business practices, and by developing community leaders through its programming. The first woman welcomed into Northbrook Rotary membership in 1988 was Sheryl McAuliffe, the first full-time

Chamber President. Our excellent multi-district school system educates children for the future, and service organizations like Northbrook Rotary and the Women's Club facilitate higher education through the scholarships they offer.



The march of time is also recorded by the departure of people whose contributions to these organizations are unparalleled. Whether these departures are through retirement or death, the impact of their participation is felt for generations. Recently, the Immediate Past President of the Northbrook Historical Society, Lester P. Happ (a member of the family

for which Happ Road is named) died. And the same week the Northbrook Rotary Club commemorated its 50th anniversary, Rotarians mourned the passing of their last active charter member, Dr. Irwin Smith.

Dr. Smith, pictured left, was a well-loved and respected community member. He served for many years as the Village medical officer, school doctor, and as the sports physician for Glenbrook (North) High School. Besides being a Rotarian, he also helped organize Northbrook Caucus and played violin in the Northbrook Symphony Orchestra. His impact was felt by many through the years he served our community.

The Historical Society partners with the schools, the Chamber, the Garden Club, the Women's Club and other organizations to teach about the history of our Village. The dates these organizations began just hint at the story of our community's growth. These and other stories are held in trust for the community by the Historical Society.

www.northbrookhistory.org