

NORTHBROOK

JUNE 2012



Art in the Park A Fine Arts Festival

Save the date for an artful experience!
Saturday & Sunday, July 14 and 15, Village Green Park

Art in the Park, a Northbrook Fine Arts Festival, presents the highest quality in fine art and craft. For the past four years, the Northbrook Arts Commission, in collaboration with the Northbrook Park District, has hosted the event and it 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, live music, children's activities, a silent art auction and more. Please visit www.emevents.com or call 630/536-8416 for more information.

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Vehicle Stickers Go On Sale June 1

Stickers Must Be Displayed By
Saturday, June 30.

Purchase Vehicle Stickers before
noon on Saturday, June 30, and take
advantage of the discounted rate.

Vehicle sticker prices for 2012/13

Auto

Before June 30 @noon	\$30
After June 30	\$38

Motorcycles

Before June 30 @noon	\$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 half
price stickers.

Special Village Hall Hours Saturdays in June: from 9:00am 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 the train
station, Wood Oaks Jr. High School,
the Police Department or behind the
Village Hall.

Don't Forget Your Pet Licences
See page 9

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 will be on Wednesday, July 4th

Start your celebration with **Pancakes in the Park** from 7:00am to 11:00am and music by the New Tradition Chorus on the Village Green.

Liberty Loop 5K Run/Walk at Techny Prairie Park and Fields starts at 7:30am. Sign-up by June 24 for discounted rate at www.nbparks.org

Annual Softball Game – Police Dept. vs. Fire Dept. The rivalry begins at 10:00am.

Decorated Bicycle Parade starts rolling at 2:00pm. All Ages Welcome. Prizes!

Northbrook's Mile-long Parade steps off at the corner of Cherry and Western at 2:30pm. The parade theme is "Imagine"

This year, current military personnel have been chosen as our 2012 Parade Marshals.

Fireworks At Dusk on Wednesday, July 4th at Meadowhill Park, 1475 Maple Ave. **It's not too late to promote your neighborhood or organization by entering a float or marching unit in the parade!*

Visit the official Northbrook July 4th website at www.northbrookjuly4th.org or call 847/272-1963.



Northbrook's Fourth of July events are funded by donations and organized by volunteers. Please help to make this a wonderful celebration. Send a contribution to Northbrook 4th of July Association P.O. Box 474 Northbrook, IL 60065-0474 or Pledge online at www.northbrookjuly4th.org

The Northbrook 4th of July Committee needs you!

Here are 3 ways to help :

- Volunteer to help with canning for donations in front of Northbrook stores on June 30 or July 1st by visiting www.northbrookjuly4th.org
- If you know current NORTHBROOK military personnel who would like to participate in our parade please email sharibergie@gmail.com
- Purchase a \$35 BoosterShot Checkbook coupon book with over \$400 in local savings! For details please email: Fatpug8@comcast.net



Support the Youth of Northbrook

Rock the Green

A Battle of the Northbrook Youth Bands will rock the Village Green on Friday, June 8 from 6:00-9:00pm. All ages are invited to enjoy the musical showcase and competition. Audience members can help choose the winners and have a chance to win raffle prizes. The first-place winner of Rock the Green will perform at Park Fest and Autumnfest as well as receive a cash prize. There are also awards for showmanship, best original song, most fans at event and most "likes" on Facebook. The event is sponsored by the Northbrook Park District, Northbrook Arts Commission and Northbrook Youth Commission. For more information, call 847 291-2995 or email rockthegreen2012@gmail.com



Just a reminder: Pets are not allowed on the Village Green during community events.

Relay for Life

Join the American Cancer Society's Relay for Life on Sat., June 9, from 6:00am-6:00pm 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.



Youth Film Festival

Come and see the Oscar-winning directors of tomorrow at the Northbrook Public Library on Monday, June 11 at 7:00pm. Films and documentaries will be featured as well as a Q&A session and awards ceremony. For more information call 847/664-4017 or visit www.northbrook.il.us/YouthFilmFest



Notes from Village President Sandy Frum



One of my favorite things about Northbrook in the summertime is the variety of community events that take place in the Village. Many of these events would not be possible without the dedicated Village residents and business representatives who volunteer their time and services to the community.

This month I encourage everyone to kick off the summer by supporting the youth of Northbrook and attend the events listed on page 2. The Park District's Tuesday night concerts in the park begin June 5 and will feature a variety of

local food vendors. (See Park Fest on page 4.) This year marks the 10th Annual Rotary Riverchance Duck Race, on Tuesday June 12. See page 4 to find out how to sponsor a duck and a chance to win! The Historical Society has a couple of summer events to enjoy – the Hidden Garden Walk on June 24 and Shermer Stories, both listed on page 5. The Farmer's Market opens for another season on June 20. (See page 4 for details.) On the 4th of July, gather your friends, neighbors and family for a full day of fun presented by the 4th of July Association. (See page 2.)

Electrical Aggregation

Beginning with mid-June meter reads, Northbrook residents and some small businesses will be enjoying lower electricity rates from the Village's competitively bid energy provider, MC Squared. Those who had previously switched to an alternate electricity provider, and would now like to join the Village's program may still do so by calling MC Squared directly at 888/808-7731 or visit www.northshoreelectricityaggregation.com for more information. We look forward to our residents saving significant dollars through this program, starting with the warm summer months!

Shopping and Dining in Northbrook

In addition to enjoying our community events, I encourage everyone to shop and dine locally. Visit www.northbrook.il.us/ShopDine. In fact, if you have a smart phone, scan the QR Code on the back page for instant access to our Northbrook mobile Shop and Dine directory when you are out and about.

Summertime Construction Projects

The Village of Northbrook will again be busy improving public infrastructure this summer (and beyond) with projects such as asphalt street resurfacing, concrete street patching, water main replacement, storm water projects, and sidewalk removal and replacements. The locations for some of these projects include:

- **Techny Road Reconstruction and Storm Sewer Improvements** – Techny Road from Second Street to Pfingsten Road (ONE WAY westbound traffic.)
- **Asphalt Streets** – Various locations throughout Northbrook
- **Concrete Street Patching** – Charlemagne and Sutton Point Subdivisions
- **Water Main Replacement** – Shannon Rd., Woodbine Ln., Crestwood Drive (between Shannon Road and Cherry Lane), and replacement of water services on Meadow Road (between Cherry Ln. and the river).
- **Sidewalk Removal and Replacement** – Various locations throughout the Village.

Residents can stay informed about construction projects by visiting www.northbrook.il.us or sign-up for Northbrook Notify (see below). As always, the Village appreciates your patience during construction. As we set up detours, our number one priority is safety, especially when it involves Fire and Police response times.

Northbrook Notify

I want to remind residents and businesses to sign up for Northbrook Notify. Northbrook Notify enables you to sign up your phone numbers with the Village so we can notify you about special community alerts. The system also includes a feature to sign up an email address for non-emergency communications such as meetings and event notices or road closures. Visit our website at www.northbrook.il.us today. If you don't use the Internet, please call 847/664-4015 for details.



Park Fest

The sounds of rock and roll, country, rhythm and blues, pop, vocal harmony and Caribbean music will fill Village Green Park in Northbrook this summer with the return of Park Fest, the popular outdoor concert series that starts on June 5.

Free Tuesday night concerts begin at 7:00pm, and food service from area restaurants begins at 6:00pm. No dogs are allowed in the park during concerts, and no alcohol is allowed.

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

- June 5: AC-Rock, Restaurant – Piero’s Pizza
- June 12: StateLine, Restaurant – Once Upon a Grill, concert follows Northbrook Rotary Rubber Ducky Race at 7:00pm
- June 19: R-Gang, Restaurant – Chicken Charlie’s
- June 26: New Odyssey, Restaurant – RoccoVino’s, winner of Rock the Green performs at 6pm
- July 10: Rhythm Rockets, Restaurant – RoccoVino’s
- July 17: Johnny Russler and the Beach Bum Band, Restaurant – Whole Foods
- July 24: Spoken Four, Restaurant – RoccoVino’s

Quack, Quack ... We’re Back!

It’s the 10th Annual Rotary Riverchance at Park Fest

The Rotary Club of Northbrook invites all to join the excitement on Tuesday, June 12. The race begins at the Shermer Avenue Bridge in Downtown Northbrook on the Village Green at 7pm.

Sponsor a Duck and WIN!

Sponsor a numbered Rubber Ducky for a \$5.00 donation to the Northbrook Rotary Foundation, or donate \$25 to sponsor a Rubber Ducky “quack pack” of six.

Tickets will be sold at Park Fest on Tues., June 5 and Rock the Green on June 8 from 6:15 to 9pm and on race day from 6:00 to 6:30pm. Tickets are also available at www.northbrookrotary.org or from your favorite Rotarian. For more information, please call 847/309-1432

First Place	\$700 Cash Prize
Second Place	\$500 Savings Bond
Third Place	\$200 Savings Bond

Ducks on Parade

This year the Rotary Club of Northbrook will be holding a new event called Ducks on Parade. To participate, you need to purchase a large duck for \$25.00 to decorate and bring to the event by 5:30pm on race day. Winners and valuable prizes will be announced before the race. Limited quantities are available so don’t delay, get yours today!



To obtain your duck to decorate, call 847/309-1432 or e-mail at tdolson@gsb.com

Supporting Sponsor of Ducks on Parade: The Northbrook Tower
Event Sponsors: Sue Conat, Joan McBride and several Friends of Rotary.

Riverchance Event Sponsors: Northbrook Star, Hilton Chicago/Northbrook, Allgauer’s On The Riverfront, UPS, Steve Foley Cadillac, Glenview State Bank, Harris NA, Allegra Print & Imaging and Northbrook Bank & Trust Company, Divine Word Missionaries.

Farmers Market Opens on Wednesday, June 20

The Northbrook Farmers Market opens its 4th season with a traditional 9:30am Watermelon Cutting Ceremony presided over by Village President Frum and Ron Bernardi, Sunset Foods. Enjoy a full morning of fun activities for the family.

For information, go to www.olbparish.org.

The Farmers Market is open 7am to 1pm, Wednesdays, June 20 to Oct. 10, rain or shine, except in severe weather, in the Our Lady of the Brook Church parking lot, 3700 Dundee Road. Be sure to watch for the giant swooper flag each Wednesday that signals the market is open.



Get Ready to Bid at the Police Auction

The Northbrook Police Department will be conducting their annual auction of recovered and unclaimed property on Saturday, June 30.

Unclaimed property recovered by the Police Department during the previous year will be auctioned off to the highest bidder. This year's property will include recovered bicycles and other items. The auction will be held in the basement of the Northbrook Police Department, 1401 Landwehr Rd., at 10:00am. Viewing of the property will begin at 9:30am. Visitors should park in the rear lot of the Police Department and enter the basement through the east-side door. Winning bids may be purchased by cash or check with valid ID. Items must be removed immediately.

Garden Walk featuring the Hidden Gardens of Northbrook on June 24 from 1 to 4 p.m.

The Northbrook Historical Society and the Northbrook Garden Club invite you to take a walk through five Hidden Gardens of Northbrook on Sunday, June 24 from 1 to 4 p.m.

Advance tickets are \$10. Tickets can be reserved at the Northbrook Historical Society's Inn Shop, 1776 Walters Ave., on Thursdays through Saturdays from 10am to 4pm or mail your check with your name, address, phone number and email to P.O. Box 2021, Northbrook, IL 60065-2021. Please make checks payable to the Northbrook Historical Society.

Your ticket(s) and map are to be picked up on the day of the event at the Northbrook Historical Society, 1776 Walters Ave., between 12:30 and 3pm. Our professional in-residence, Kathy Lorden of Lorden

Landscaping, will be on site to answer your garden questions.

Day of event tickets are also available at the Museum until 3:00pm. Day of event tickets are \$15. Proceeds will benefit the Northbrook Historical Society.

Information, www.northbrookhistory.org or email at northbrookhistory@comcast.net.



Friendly Reminders... Be a Good Neighbor!

Please keep your lawn and property maintained throughout the year.

The Village has regulations that prohibit grass and weeds from growing to an average height of more than ten (10) inches. To report concerns related to overgrown grass or weeds in excess of ten inches please contact Mark Cacioppo at mark.cacioppo@northbrook.il.us or 847/664-4058.

Please report concerns about maintenance of vacant homes or property, such as grass or weeds in excess of ten inches, debris or safety issues, to 847/664-4050.

Help keep Northbrook beautiful by returning your garbage cans and recycling containers to the rear of your house or garage within 12 hours after pick-up.

Please, clean up after your pets, especially in parks, public rights-of-way and your neighbor's lawn!

Please report sightings of anyone disposing miscellaneous materials (e.g. carpeting, yard waste, etc.) in construction site dumpsters, resident or commercial/business roll-off containers or refuse containers behind commercial buildings. This practice is illegal and can result in fines of \$50.00-\$750.00. Call 847/664-4050, during business hours or non-emergency police, 847/564-2060, nights and weekends. Please provide information such as vehicle make/model, license plate, commercial vehicle markings, etc.

All residents receive one free special pickup, up to 3 cubic yards per year, by Veolia. Special pick-ups are on Wednesdays only. Call Veolia at 847/272-4145 to schedule a pick-up before 1:00pm on Tuesday, the day before.

Sprinkling restrictions are in effect weekdays, 10am - 4pm, May 15 - September 15.

Saturday Shermer Stories — A New Adventure

Every town has an Elm Street. Few towns have a Shermer Road, and that is where the Northbrook Historical Society will be from 7:00 to 9:00pm on Saturday, June 16, July 21 and August 18 with costumed living history performers telling short stories about Northbrook. So, if you are at the Village Green Park or enjoying dinner or an after dinner treat along the Shermer Road Business District, stop and enjoy the stories.

Saturday Shermer Stories will have no stage or set performance time — just friends having conversations with their neighbors telling stories about people and places of the past.



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, and can pick up 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 you 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	0.0219 – 0.0219	0.0219	Drilling waste & metal refinery discharge, natural element
Chlorine	Inorganic	mg/l	MRGLG/MRDL = 4		0.8198 – 1.174	1	Water Additive for disinfection.
Copper	Inorganic	mg/l	1.3	AL = 1.3	No site over AL		Plumbing system, natural erosion, wood preservative leaching
Fluoride	Inorganic	mg/l	4	4	1.01 – 1.01	1	Fertilizer & aluminum factory discharge; decay preventative additive
Haloacetic Acids (HAA5)	DBP	µg/l	n/a	60	12.23 – 16.27	19	Chlorination by-product
Lead	Inorganic	µg/l	0	AL = 15	1 site > AL		Plumbing system & natural erosion
Nitrate (as N)	Inorganic	mg/l	10	10	0.328 - 0.328	0.328	Fertilizer & septic run-off, sewage
Radium Combined	Radioactive	pCi/l	0	5	1 - 1	1	Erosion of natural deposits
Sodium	Inorganic	mg/l	n/a	n/a	8.210 – 8.210	8	Natural erosion, water softener
Total Trihalomethanes	DBP	µg/l	n/a	80	24.55 – 36.7	33	Chlorination by-product
Turbidity	Microbial	% < 0.3 NTU	lowest % meeting limit		100%		Soil runoff
Turbidity	Microbial	NTU	Limit TT = 1 NTU		0.06 HSM		Soil runoff

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

Note: All test results under "Range of Levels" were completed in 2011. Not all results may have been used for calculating HDL because some results may be part of an evaluation to determine where compliance sampling should occur in the 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.	MRDL	Maximum Residual Disinfectant Level: The highest level of disinfectant allowed in drinking water.
Avg	Regulatory compliance with some MCLs is based on running annual average of monthly samples.	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.
DBP	Disinfection By-Products	N/A	Not Applicable
HDL	Highest Level Detected	ng/l	Nanograms per liter: equivalent to parts per trillion or ounces per 7,350,000,000 gallons of water
HSM	Highest Single Measurement	NTU	Nephelometric Turbidity Units
MCL	Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the Maximum Contaminant Level Goal as feasible using the best available treatment technology.	pCi/L	picocuries per liter (a measure of radioactivity)
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.	%<NTU	Percent of samples less than 0.5 NTU
mg/l	Milligrams per liter: equivalent to parts per million (ppm) or ounces per 7,350 gallons of water	ppb	parts per billion or micrograms per liter (µg/L); or one ounce in 7,350,000 gallons of water.
µg/l	Micrograms per liter: equivalent to parts per billion (ppb) or ounces per 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. *Indicates 90 percentile result

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 water 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/consumerdnn/Home/WaterInformation/WaterQuality/PharmaceuticalsPPCPs/tabid/73/Default.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.

Don't Forget Your Pets!

continued from front page

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

Animal tags for 2012/13 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 and it is due to expire in 2012, then a rabies certificate must be provided. If the rabies vaccination does not expire until after 2012, then a rabies certificate is not required to purchase the 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.

Questions?

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

What's Playing? On NCTV Channel 17

Northbrook Community Television - NCTV Cable Channel 17 is a Government Access Channel with programming specifically geared for Northbrook residents and businesses. NCTV features everything from local artists and environmental issues, to information about everyday community life. Northbrook residents and businesses can tune to NCTV for Village Board and Plan Commission meetings, as well as Village information and current news during times of emergencies. (AT&T U-verse subscribers-Tune to AT&T channel 99 and search *Northbrook* to view NCTV.)

7:00am & 3:00pm

Memorial Day Remembrances

Highlights of Northbrook's dedications to those who are serving our country.

9:30am & 5:30pm

Spotlight on Northbrook Arts

Host Terry O. Luc gives us a look back at the Art in the Park displays and festivities.

10:00am & 6:00pm

NCTV Video Bulletin Board

10:30am, 6:30 & 10:30pm

Our Environment: If Not Now, When

Join Dr. Lewis Cohen as he features Northbrook's 2012 Earth and Arbor Day

11:30am, 7:30 & 11:30pm

Northbrook! The Video Newsletter

12:00 & 8:00pm, 12:00am

Talk Around Town with Jack & Susan

Northbrook Animal Control Officer Gina Manski is featured.

12:30 & 8:30pm, 12:30am

NCDAA FOCUS

R.I.D., USA Presents Without Warning, the dangers of Teen alcohol abuse.

1:00pm & 9:00pm

NCDAA Parenting Series

Strategies to End Female Bullying

Village Board Highlights

Proclaimed

- Week of June 3-9 as National Garden Week in Northbrook

Recognized

- Craig Monroe for his nearly 40 years of service to the Police Department.
- Thomas Miller for his over 35 years of service to the Village of Northbrook.
- Stephen Johnson for his 33 years of Service on the Fire Department.
- Ronni Luecht for her over 25 years of Service to the Village of Northbrook.

Authorized

- Contract with American Underground of Glenview, Illinois for televising of sanitary and storm sewers not to exceed \$78,650.
- Renewal of contract for tree trimming, removals and supplemental services with Nels J. Johnson Tree Experts, Inc., not to exceed \$100,000.
- Purchase of four Police Department Squad Vehicles, \$96,564.

- Contract with Schroeder & Schroeder, Inc. of Skokie, IL for the 2012 Concrete Street Patching and Improvement Program, \$743,326.
- Contract for sidewalk removal & replacement with Suburban Concrete, Inc. of Hawthorn Woods, Illinois not to exceed \$119,340.
- Purchase of bulk shipments of Aluminum Sulfate, \$58,150.

Approved

- Two-year extension for construction of a drive-through banking facility for Bank Financial, 1368 Shermer Road.
- Resolution ratifying a 4-year collective Bargaining Agreement with the Combined Counties Police Association.
- Contract for water pipe repairs at Crestwood Place, \$27,420.
- Additional work for the new water tower; Strand Assoc., \$ 7,525.
- Outdoor Seating/Dining Area at Kamehachi, 1320 Shermer Road.

- Site improvements for first phase of Willow North Development, 2370 Waukegan Road.
- Contractor for the Joint Pavement Improvement Program; Arrow Road Construction Co., \$1,502,872.
- Development Agreement for North Shore Place (1000 Sunset Ridge Road).

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 also archived online. To watch a Village meeting on line, visit www.northbrook.il.us and click on Meetings and Agendas.

Northbrook's 55th Annual Student Government Day

On May 3, 2012, thirty-three 8th grade students participated in Northbrook's 55th Annual Student Government Day.

The students experienced what it would be like to be an elected official or an employee of the Village, Park District or Library by taking the role of their counterpart. Staff and elected officials met with the students throughout the day in preparation for the evening Student Village Board mock meeting. The day proved to be a great learning experience for the students and a chance for local government staff to highlight the many aspects of our community and local government processes.



Northbrook 8th Grade Village Board

Back row, left to right: Isabel Katz, Catherine Seno, Colette Carroll, Alex Cualoping. Front row: Grace Elisco, Mae Wimbiscus, Liat Berkowitz, Lauren Frias.



Park District and Library Administration

Back row, left to right: Evelyn Tarnovsky, Elena Brichacek, Kasey Bersh, Nick Abbott, Kevin Manna. Front row: Lucy Davis, April Villalon, Courtney Moushi, Allan Dontsis.



Village Administration

Back row, left to right: Jordan Rosenfield, Maria Roman, Brett Cotler, Ellie Stencil, Jason Golden, Emily Zfrani, Zack Cohen, Ally Blumstein, Miranda Koulogeorge. Front row: Allison Nelson, Adam Melnick, Lynn Hanna, Marie Postal, Mary Batrich, Sue Hong, Elana Greenberg, Bella Abbott.

Zap Phantom Loads!

Many appliances are designed with 'standby' features, which mean they're ready for action at a moment's notice. It also means they're constantly drawing electricity 24 hours a day, seven days a week.

Every year, US consumers waste an estimated \$4 billion on these phantom loads, which amounts to about 5 percent of the country's total electricity load, according to a study by Lawrence Berkeley National Laboratory. If you're serious about conserving energy, find those phantoms, which include computers, TVs and other appliances with remote-controls or clock displays.

- Use power strips (available at hardware and discount stores) that let you unplug several appliances by flipping a single switch. This is especially important for TVs, DVD players, microwaves and computers, which are the worst culprits
- Unplug appliances when you're not using them.
- When buying new appliances, choose energy-star rated models with the lowest standby power consumption.

Residents can check out a Kill-a-Watt, a device that measures phantom loads drawn from your household appliances. Visit www.northbrook.il.us for more information.

Village Happenings

Run and help fight ALS at the **12th Annual Lew Blond 5K run/walk and 1 mile run** on Sat., June 2. CARA certified. For more information and to sign-up, visit www.district30.org/lewbldrun.

Library Adult Summer Reading Club "Books into Films" registration starts June 1. Come to the Northbrook Library and be one of the first to join and receive a lunch bag. You'll also have the opportunity to earn prizes for every five books you read.

Friday night bicycle races get rolling on June 8 at 7pm at the Velodrome. Riders of all ages and abilities are welcome to participate. On Thursday nights, the public is invited to watch top cyclists compete. Spectator fee is \$2; children under 12 are free. Visit www.nbparks.org or call 847/291-2980.

2012 North Shore Chamber Music Festival, June 6, 8 and 9 at the Village Presbyterian Church, 1300 Shermer Road. For more information please visit www.nscmf.org.

Ready to swim? Meadowhill Aquatic Center opens on Sat., June 9. Visit nbparks.org for information about pool parties, special events, classes and private lessons.

A mini-golf league begins at **Sportsman's Country Club** on Saturday, June 9 at 9am for ages 5-12. For more information, call 847/291-2351.

North Shore Choral Society concludes its season Sun., June 10 at 3pm with G. F. Handel's dramatic biblical oratorio Israel in Egypt at Temple Beth-El, 3610 Dundee Rd. Tickets \$25, Senior (65 and older) \$22, Student \$15. Visit www.northshorechoral.org or call 773/741-6727 for details.

An **AARP driving program** June 11 and 12 from 9am-1pm can guide adults toward safer driving habits. Fee is \$12/AARP members, \$14/non-members. Call 847/291-2988 to register.

A **Look Back at the 1959 Chicago White Sox & the 1945 Chicago Cubs** on Tues., June 12, 7pm at the Library. Program is co-sponsored by the Friends and the Northbrook Historical Society.

Preparing for a Meaningful Retirement on Thurs., June 14, 1pm at the Library. Author of Too Much Togetherness: Surviving Retirement as a Couple, will address preparing for changes that occur in retirement.

The **batting cages at Techny Prairie Park and Fields** are open daily. For more information, call 847/291-2980.

Glenbrook Meals at Home needs volunteers to deliver meals to shut-ins. Volunteer drivers work from 11am to 1pm an average of twice a month Call 847/441-6272.

YOUTH Make a Difference 5K Run/Walk to benefit Youth Services of Glenview/Northbrook on Sun., June 17, at 8am. Visit www.youthmakeadifference.org or call 847/729-5606.

Park District summer camp begins on Mon., June 18. Summer Camp Guide is online at nbparks.org. For more information, call 847/291-2995 or visit www.nbparks.org.

The **Northbrook Nurse's closet** loans out durable medical equipment to Northbrook residents upon request. Donations of clean, working equipment (wheelchairs, walkers, etc.) also accepted. By appointment only. Please call 847/272-1061.

Expert Advice at **Northbrook Farmers Market Gardening Day** on Wed., June 27. Sponsored by Northbrook's Ferraro Garden Spot, the day will feature a panel of experts on gardening who will answer questions and provide individual advice. Bring a photo of your yard or garden. Northbrook Farmers Market is open rain or shine, 7am to 1pm.

Register to vote at the Northbrook Farmers Market on Wed., June 27, 7:30am to 1pm. Sponsored by the Northbrook Library.

The **Park Board of Commissioners** will meet on Wed., June 27 at 7pm at the Northbrook Sports Center. Agendas for monthly meetings are posted online at www.nbparks.org in the About Us section, under Board of Commissioners.

The **Northbrook Park District Senior Center**, located at 3323 Walters Ave., offers a wide variety of programs for adults, age 55 and over. Enjoy speakers, classes, bingo and a variety of day trips. For information and reservations, call 847/291-2988, visit www.nbparks.org, or stop by the Senior Center.

Rules of the Road. On Wed., June 27, a free review class from the Secretary of State's Office can help drivers prepare to renew a driver's license. The Northbrook Park District program begins at 10am at Temple Beth Shalom, next to the Leisure Center. Register by June 26. Call 847/291-2988.

Stop by the Village Hall to see the Art Display in the lobby of the Village Hall featuring mixed-media artist Claire DiNanno and painter Terry O. Luc in the Village Gallery Board Room.

Did you grow up in Northbrook? The Historical Society is looking for residents who spent their young lives growing up in Northbrook. Your memories need to be shared! Email northbrookhistory@comcast.net or 847/498-3404.

The **Northbrook Symphony Orchestra Annual Dinner** featuring entertainment and silent auction, plus a "Sneak Peak" of the 2012/2013 Concert Program, June 28 at the Hilton Chicago/Northbrook. Tickets are \$45. RSVP to 848/272-0755.

Parisian Salon Concerts are held the first Friday of every month at 7:30pm at the Northbrook Public Library Auditorium.

Northbrook Action Baseball summer league starts July 9. Registration is open for pre-k thru 2nd grade school year 2011/2012. Call 847/564-9849 for details.

The **YMCA's North Suburban School of Dance** will present its annual recitals on June 10 at GBN's Sheely Center. Hundreds of dance students will perform. Admission is free. For info email jgoldstein@nsymca.org or call 847/272 7250, ext. 1232.

Learn how easy it is to enjoy **Flamingo Fridays** in your own neighborhood throughout the summer. Go to www.northbrook.il.us/Flamingo for more information, or call 847/664-4032.

Help support "Recycling Avenue", a non-profit organization, by donating used cell phones, cameras, DVD's, game consoles, ink cartridges and laptop computers for recycling. Please drop them off at the Village Hall front door lobby during business hours. Tax donation letters are available. Please note that computer towers, DVD players, monitors, fax machines, televisions and printers may be dropped off at the fleet maintenance garage, located behind the Village Hall, on the first Tues. of every month. Please call 847/664-4016, with any questions.

A **Parkinson's Support Group** for person's with Parkinson's, their care-partners, caregivers, and families, meets from 10am to noon at Covenant Village of Northbrook, 2625 Techny Rd. on the second and fourth Monday of the month. Call 847/509-0927 to register.

A **Memory Loss Support Group** for families and caregivers dealing with Alzheimer's and other dementias meets on the 3rd Thursday of the month at 7pm at Covenant Village of Northbrook, 2625 Techny Road. Call 847/412-7303 for information.

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

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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

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Historian's Corner

presented by the Northbrook Historical Society

Historical Roots in Northbrook

Even some of the plants in the Historical Society Garden have an interesting history. In 1999, a 148-year-old peony plant was donated to the Society.

This Chinese "Festiva Maxima" peony was purchased in Ohio shortly after its introduction in 1851.



It then traveled westward to Iowa where it was planted and where it thrived for years. Divided many times, its roots were transplanted into the gardens of the children, grandchildren and succeeding

generations of great grandchildren of the original owner. A portion of the original plant blooms in the Van Buren County, Iowa Historical Society garden as well. The plant was brought to a Northbrook garden by the original owner's third great-granddaughter. She later divided her plant and donated it and the story of its travel westward to the Northbrook Historical Society.

For many years, Northbrook was home to world-renowned peony growers. They propagated many varieties of peonies that are still sold today. Northbrook's peonies grace gardens all across the globe and can be seen in bloom in several local cemeteries.

Northbrook's Official Flower

However, it was not a peony plant that was unofficially adopted as the Village Flower. Instead, holding title and gracing Northbrook Gardens since 1927 when the Civic Association first distributed seeds, is the Scarlet Flame Zinnia.



In recognition of the precedent begun by Northbrookians in 1927, and in honor of the Village Centennial, the Village Trustees declared the Scarlet Flame Zinnia Northbrook's Official Flower on January 11, 2000.