



FOX RIVER GROVE QUARTERLY

A newsletter for and about the Village of Fox River Grove

SUMMER 2011

Village News

Vehicle Stickers

New vehicle stickers are now on sale. Many of you have received the pre-printed forms in the mail. If you haven't, just stop by the Village Hall or call us at (847) 639-3170. This helps pay for road repairs.

All residents living in the incorporated areas of Fox River Grove are required by ordinance to display a vehicle sticker in every vehicle owned or operated in the Village.

- Cars - \$20
 - Motorcycles - \$10
 - Trucks with A & B plates - \$26
 - Trucks with C plates & above - \$60
 - Replacement/ Transfer Fee - \$12
 - Senior Citizens (1 per family) - \$2
- Late Penalty:
- 50% between July 1st and July 31st
 - 100% starting August 1st
-



Safety Town

Fox River Grove Police Department has a new "Safety Town" thanks to Eagle Scout **Thomas Slater**.

He's created a miniature town for the Police Department and they held their first "Bike Safety Rodeo" on Saturday May 21st. Thank you, Thomas, on a job well done!

Letter for McHenry County Residents

In June of 2010, McHenry County began distributing the McHenry County e-News in an effort to increase resident's awareness of their County government. The County works diligently with your municipality, thus we encourage you to sign up for the McHenry County e-News. Please follow the link below to receive our bi-monthly electronic newsletter: <http://bit.ly/ggqQ3E>.

Fantastic Fireworks in Fox River Grove!

The annual Fireworks Show will be Saturday, July 9th at Picnic Grove Park.

The park opens and festivities begin at 6:00 p.m. with food, drink and music! We'll kick off the evening at 6:15 with the blue grass band, "Left in the Dust", then the wake-board show from Lauderdale Lakes Chicago at 7 p.m. The band will play again after the water show and then the Fireworks!!

Marty Monti and **Rick Cornwall** will be there with music and announcements throughout the evening. The FRG Lions and Lioness Clubs, the Cary-Grove Jaycees, and Cary-Grove Masons will be selling good eats and drinks. Without your purchases, they can't do the good works they do.

Village volunteers will be selling glow-in-the-dark necklaces. Each of our community groups generously donates half of their profits back to the fireworks fund. So, bring your family and friends early to have dinner, visit with friends and neighbors and listen to the live music before the fireworks.

Anyone able to help with the set-up and take down after the fireworks show of the tents, tables and chairs, or cleanup at 8 a.m. Sunday morning, please contact the Village Hall at (847)-639-3170. Please consider lending a hand! The more people we have helping the quicker it goes.

Reminders.....

- **No entry after 9:00 p.m.** Once the fireworks are about to begin, no one will be allowed to enter through the front gate – safety first.
 - **No carry-ins of food or drink are allowed.** Other than a non-alcoholic drink in one hand, there will be no carry-ins of alcohol, pop, water, snacks, etc. Food and drinks are available to purchase. Please make it easy on the volunteers policing the grounds and support the local groups that are donating their time, half their profits to help pay for the fireworks, and half their profits to helping others.
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Bus Routes for Fireworks 2011

There is no parking in or near the park. Walk on over or take one of the free shuttles. The routes are:

Route #1: Victoria Woods/Hunters Farm (one bus). Pick-ups at Victoria Drive/Tiffany Lane, Camilla Place/Jasmine Way, Victoria Drive/Jasmine Way, Bridle Path Lane/Saddle Lane, Bridle Path Lane, Morgan Lane, Saddle Lane/Morgan Lane.

Route #2: Foxmoor Route (two buses). Pick-ups at Old Hunt Road/Plum Tree Road, Old Hunt Road/

Lexington Road, Foxmoor Road/Yorkshire Drive, Algonquin Road Fire Station.



Route #3: South Route (one bus). Pick-ups at Algonquin Road School, Lion's Park, Commuter/Metra Lot.



• **No pets are allowed.** You may love your dog or cat, but they may scare others that are attending, or make a mess in a crowded area, so no pets are allowed.

• **Please do not trespass on private property as you make your way to and from the park.** Many wooded areas are actually private property. Call the Village Hall if you are uncertain.

• **Please don't litter!** Let's keep our parks clean and make it easier for the Sunday morning volunteers.

Thank you to all the residents who have donated money to the fireworks with their vehicle sticker purchase (many have donated \$5, \$10 and \$20) and those that have dropped it into the donation jars around town. It really helps us provide this great family evening!

The President's Letter

Summer has come to the Grove after what seemed to be an endless winter and a cold, wet spring. School days are coming to a close with a burst of activities and it makes you proud to see the advantages our local children have. I noted the FRG seventh grade girls volleyball team won first place in the Regionals, and I was delighted to hear about the skills demonstrated by the Jr. High year-end band concert. Congratulations to both the FRG and the Countryside schools.



I see summer activity has started all around town, many residents are renewing the artistic landscaping around their homes. This adds so much to the Village, and we all thank them for their efforts. The FRG Harbor Team is organizing this season's shoreline stabilization work, which will preserve the riverbank around Lion's Park. I hope you have occasion to check out the baseball fields, as there has been great improvement in them. Finally, we will be opening the Hunters Farm playground around Memorial Day, come out and play with us!

The Village managed to achieve a balanced operational budget for the next year (2011/2012), a significant accomplishment in these troubled times. Also, we tapped into our capital fund to again have a road rebuilding program this summer. Thank you to all the Trustees who labored long and hard on making this happen.

There is another budget point that I wish to address with you and thus elicit your support for our position. Our Village, like the other Villages in Illinois, receives back from the State a portion of the sales tax, income tax and motor fuel tax paid by our residents. These statutory transfers have existed for many decades. This revenue is important to funding your local services and without it the Village will need to increase property taxes. Now, the State government is proposing that it take it all, take a percentage, or suspend it for a year. I ask that you contact your State Senator if you feel that the State should continue to return our residents' taxes as required by law.

This year's fireworks party on July 9th, is shaping up to be one of the best ever. Along with the amazing fireworks display, we will have two family attractions starting early in the evening. First we will start with a bluegrass band performance, followed by a daring wake board show. After the show, the band will play again until the fireworks start. Come out and enjoy dinner on the riverfront with us.

Have a great Fox River Grove day.

Robert J. Nunamaker
President, Village of Fox River Grove

Great Volunteers

Few organizations, whether a civic group, church, or municipal government could do all they do without the help of volunteers. Here in the Village, volunteers appointed by the Village President and confirmed by the Village Board make up 100% of the Planning & Economic Development (PEDC), Zoning Board of Appeals (ZBA) and Parks Commission. Numerous individuals also help out at community festivals and fundraisers. Kudos to each of them!

The best volunteers not only show up on time,

they also sign up ahead of time. By doing so, they help the community, their fellow volunteers, and the event coordinators. They boost the morale and spirit of the whole volunteer team. Everyone knows what hours are covered and when more volunteers are needed, so the whole effort runs more smoothly. These are the volunteers who make events happen and who make volunteering a joy.

Please jump in and help as a volunteer in some capacity. Your considerateness, sacrifice, and commitment make you a great volunteer and you'll have fun helping your community!

You're Home Passed Inspection But...

Your home construction, remodeling, or other improvements passed all required building inspections. What does this mean to you the homeowner? Could there still be problems even though the work passed inspection?

First, the building codes establish minimum standards of construction. They do not mandate a certain level of quality. Further, while plans are reviewed for compliance with applicable regulations and inspections are made at each stage of the building process, inspectors do not oversee and observe the entire construction process. That would be prohibitively expensive and is the role of the general contractor. They can only sample work product at key points during the project.

It is therefore possible for items to be missed or not meet code because of contractor mistakes, inexperience, or worse. The inspection process is designed to promote safe construction but not eliminate all errors. Illinois statutes recognize this and specifically provide that municipalities and their inspectors cannot be held liable for making an inadequate or a negligent inspection. If the owner suspects an error before final inspection approval, the homeowner should notify the municipality and it will require any needed corrections to be made. If found after final approval, the

homeowner can discuss corrective actions with the contractor or pursue court action. In light of the limited role and scope of a municipal inspection program, the importance of having a good design, hiring a reputable general contractor, and checking the work yourself cannot be over-estimated.

Passing building codes inspection and being issued an occupancy permit means, to the best of the inspector's knowledge:

1. The construction complies with the approved plans.
2. The Building Code and other municipal requirements have been met.

It does not mean...

1. Any municipal warranty is implied.
2. Workmanship fit and finish and materials are of high quality.
3. Contractual obligations between the homeowner and the contractor were fulfilled.
4. Contractor's promises have been kept.

Ultimately, it is the responsibility of the homeowner to make sure that all work is properly performed pursuant to the contract entered into. **BOTTOM LINE -- Inspections help but are not a guarantee.**

Are You Contributing to the Stormwater Superhighway?

Contrary to belief, you don't need a downpour to send pollutants racing towards our streams, rivers, lakes, and groundwater where our DRINKING WATER comes from. A garden hose does the same thing, just at a lower rate.

The next time it rains, put on your galoshes and watch where the water goes. Water that isn't quickly seeping into the ground because of pavement or bare lawn is making a bee-line for the nearest lake, stream or river. (Contrary to belief, storm water runoff does not go to the wastewater treatment plant.) It takes some pretty nasty stuff with it. Things like pet waste, pesticides, insecticides, pool chemicals, auto fluids, and much more. It's not just gross, it's extremely damaging to people and the environment. Once noxious wastes enter our waterways, it's nearly impossible to get them out.

Listed below are some simple, cheap, and quick things we could all be doing to fight the growing problem made worse by construction, development

and the paving of America.

- Leave grass clippings on the lawn and out of the street and curbs.
- Wash cars on lawns or at a car wash, not on the driveway.
- Sweep, do not wash, paved areas to keep waste and debris out of storm sewers.
- Direct downspouts away from paved surfaces to lawns, gardens, or plantings.
- Compost yard waste, fruit and vegetable scraps, coffee grounds, and eggshells.
- Reduce fertilizer and pesticide use and follow application specifications. Organic fertilizer and pesticides are also available.
- Keep cars tuned up and in good operating condition.
- Recycle used oil & dispose of chemicals properly.
- Construct a rain garden.



Welcome Our New FRG Employees

The Water & Sewer Department welcomes **Frank Mengarelli** and **John Winterton**. Both are residents and have worked part time during summers. They replace **Al France** and **Sam Ferraro**. The Village is happy to have them with us. We are also replacing the consulting firm running our Building & Zoning Department, B & F Technical Code Service, with a part-time employee -- **Robert Durning**. His hours will be 2:30 p.m. - 5:30 p.m. Mon. - Fri. plus appointments.

Help The Water Department

Please be sure the water meter viewer, on the outside of your home, is clear of bushes and shrubs. It needs to be easily accessible for the meter readers to get an accurate reading.

Recycling to Benefit Habitat For Humanity

If you are remodeling your home, remember that sinks, cabinets, doors and windows are all items that can be donated to *Habitat for Humanity*. They are located at 800 N State St., #1, Elgin, IL 60123-2177 and their phone is (847) 742-9905. That way someone else can possibly use it and it is a tax write-off, too.

Heritage Fair Fundraiser

The McHenry County Historical Society presents its free Annual Heritage Fair on Sunday, July 10, 2011 at 10:00 a.m. to 4:00 p.m. The museum is located on Main Street in Union, Illinois.

The popular barbershop quartet, **The Clef Hangers**, will be here between 11:30 a.m. and 1:00 p.m. At noon and at 3:00 p.m. AWS Certified Quilt Appraiser, artist, and teacher **Sandy Schweitzer** will demonstrate a quilt bed turning featuring log cabin quilts. In the morning, we will be having the pie baking contest and the cake walks. Call the museum at (815)923-2267 for the details and entry information.

The Heritage Fair theme this year is "*Glorious Quilts*" and is part of the Northern Illinois Quilt special Festival Exhibit. Throughout the day, there will be blacksmithing demos, sales of baked goods, antique clothing, garden plants, books, and a white elephant sale.

Topping off the entertainment ...**Freddy Fredericks** and other great magicians get together at 2:00 p.m. 1:00 p.m. is the antiques auction in the museum yard. You can get a look at the 2-year exhibit featuring Harvard in the 1800's. The residents of Union will be holding garage sales throughout the Village.

Electronics & Hazardous Chemicals Recycling?

Would you like curbside Electronics & Hazardous Chemicals Recycling? Take a short survey at www.foxrivergrove.org. The Village board will use the results to determine if adding \$1/month to your garbage bills is desirable.

Call J.U.L.I.E. Before You Dig

Spring is the season for digging and with it comes the lure of outdoor projects. All outdoor digging projects, including the smallest tasks, require a call to JULIE at 1-800-892-0123. One **FREE** call does it all to protect you from digging where utilities are buried – it's simple, safe and the law.

Have the following information ready when you call:

- Your name, address and phone number
- County and city or county and unincorporated area of township
- Your company's name and address
- Location of the dig site
- Extent of the work (reason you're digging)
- Date work will begin
- Permit number (if applicable)
- Section and quarter numbers (if available)

After providing JULIE with the above information, the JULIE operator will give you a "dig number". Be sure to write this number down as it serves as proof of your call. You will also need to

Is your sewer backed up?

Question: If you are experiencing a sewer back-up into your basement, what should you do first?

Answer: Call first. We encourage residents to call the Village Hall first, prior to paying a plumbing contractor to come out and rod your private sewer service line.

The Village Hall will contact the Public Works Department and they will come out and inspect the Village's sewer main fronting your property to assure that the obstruction is not in the main sewer line. This step can help you save hundreds of dollars for work that may not be required. The Village regularly inspects, cleans and flushes the sanitary sewer collection system to help prevent sewer line backups.

Homeowners are responsible for their own sewer service line from the house to the connection at the sewer main under the street or parkway.

reference this number if subsequent calls to JULIE are necessary (e.g. to have utility marks refreshed).

The call to JULIE and service provided by members are free to the excavator. Operators are available to receive and process calls 24 hours a day, seven days a week.

In Illinois alone there are more than two million miles of underground utility lines. The smallest job could cause a huge problem if you were to hit a line. Even before putting up a yard tent, you should call. Please do not dig without marks. It could save your or your neighbor's lives!

For more information about JULIE call 1-800-892-0123 or visit online at www.illinois1call.com.



Some common problems found:

- Roots in the sewer line from nearby trees
- Broken or cracked sewer pipes, ground shifting
- Obstruction from debris clogging drain lines, small toys etc.
- Poorly sloped or settled sewer lines.
- Collapsed sewer pipes

If it is determined that a sewer line is collapsed and requiring excavation to repair, a permit is required before you begin work and inspection is required before covering the work. The contractor doing the work must call for utility locates.

Illinois law requires anyone digging regardless of the depth to Call J.U.L.I.E. Joint Utilities Locating Information Excavators. This is a one call system (1-800/892-0123) that prevents damage to underground utilities.

If you have any questions during a sewer backup please feel free to contact us at (847) 639-3170 or after hours at (847) 639-2411.

Branch Chipping Policy

The Fox River Grove Street Department will chip tree limbs from April through November (weather permitting) on the:

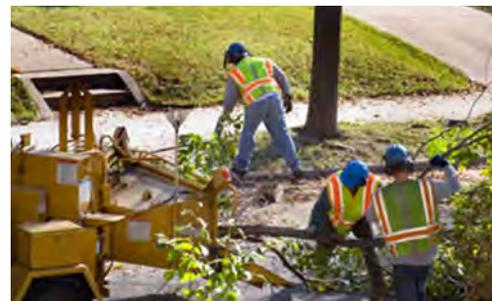
- First Tuesday of every month and
- After a major storm (determined by the Superintendent of Streets and Parks)

The crew will begin on the south side of town and work from west to east. Once complete, the north side will be done in the same manner.

Chipper material must be:

- Larger than one inch (1") in diameter
- No larger than five inches (5") in diameter
- No stumps or roots
- No less than four feet (4') in length
- No more than ten feet (10') in length

Limbs must be placed in parkway with cut



ends facing the road or direction of traffic flow. Small branches can be bagged for refuse. The Village will not remove tree limbs cut down by a contractor on private property. The contractor is responsible for the disposal of this material. Do not place branches out after the first Tuesday unless there is a major storm. Call if you have questions: (847) 639-3170.



CALENDAR OF EVENTS

- ◆ **Lions Club/FRG Firefighters Golf Outing**....June 14th.....Chalet Hills
Enjoy the day with your favorite foursome. Call 312-969-7465 to register.
- ◆ **Veteran's Picnic**.....June 29th.....Lions Park
Amvets & American Legion hosting the annual picnic at Lions Park 10 a.m. - 2 p.m.
- ◆ **Vehicle Sticker Deadline** June 30th Fox River Grove
Last day to purchase and display before the late fee.
- ◆ **Fireworks 2011**.....July 9thPicnic Grove Park
Enjoy the shows and some good old-fashioned community fun! 6 p.m. - 10 p.m.
- ◆ **FRG Firefighters Water Fights**.....July 10th.....Lions Park
Cheer on our FRG Firefighters as they challenge other departments in a water battle at 1p.m.
- ◆ **Arts & Crafts Fair**.....July 17thLions Park
Browse and buy the beautiful handiwork of many talented crafters at Lions Park. 10 a.m. - 6 p.m.

Visit the Village of Fox River Grove web site at www.foxrivergrove.org for all the latest information on events, regulations, policies, etc.

Village Hall hours: Monday – Friday 8:30 a.m. - 4:30 p.m. ; Saturday 9:00 a.m. - 12:00 p.m.

E-Waste Health Effects

Electronic devices like computers contain potentially hazardous materials, including:

- Lead, which has high toxic effects on plants, animals and microorganisms and, in landfills, has the potential to leach and contaminate drinking water supplies.
- Cadmium, which shows a danger of cumu-

lative effects in the environment because of its acute and chronic toxicity.

- Mercury, which has been linked to negative effects on brain function and development.
- Hexavalent Chromium, which can cause strong allergic reactions, even in small concentrations. Recycling also allows recovery of rare earth minerals.

Pet Reminder

It's springtime ~ and everyone will be outside enjoying the weather with their dogs. If you take your dog for a walk around the neighborhood, carry a plastic bag with you to pick up the waste. Be sure to throw pet waste away in the trash or toilet, not in storm drains. Pet waste left in yards, streets or parks eventually washes into storm sewers and empties untreated into our streams, ponds, rivers and lakes. Coliform bacteria in pet waste are harmful to your health.

Also, when treating your pet for fleas or ticks, check with your veterinarian for safe substitutes that will minimize impact to the storm drains and your family. Flea dip liquid should be disposed of as a household hazardous waste. By following these disposal techniques, it helps keep drinking water and our natural resources safe and healthy.

Our Village Code of Ordinances requires that every person keeping any dog shall keep and maintain a collar around his neck and display on the collar any license tag or your county tag, which is required by law to be displayed on the collar. Section 5-28 states it shall be unlawful for any person to permit any dog owned or kept by him to run at large within the Village. Any dog found to be running at large is hereby declared to be a nuisance and will be fined \$75. Dogs must be leashed.

Street Safety - Remember it is illegal to walk in the street when there is a sidewalk on either side of the street.



This newsletter is published by the Village of Fox River Grove, 305 Illinois Street, Fox River Grove, IL 60021
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Village of Fox River Grove Water Quality Report – 2010

This year, as in years in past, your tap water met all U.S. and State Environmental Protection Agency (EPA) drinking water health standards. Our system vigilantly safeguards its groundwater supply, and we are working hard to continue providing the best water possible. This report summarizes the quality of water that we provided in 2010. It includes details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies.

What is a water quality report?

The Illinois EPA requires all communities to provide drinking water quality reports to their customers on an annual basis. They include information on the water system and tables that summarize monitoring data. Consumer awareness and right-to-know were major themes of the 1996 Safe Drinking Water Act Amendments. These amendments confirm the importance of educating the consumer and added new reporting requirements to the operators of community water systems.

Drinking Water Source.

The Village of Fox River Grove uses groundwater provided by four shallow wells constructed in the Silurian Dolomite aquifer at depths ranging from 120 ft. to 140 ft. (An aquifer is a geological formation that contains water). Two of the wells are located at Water Treatment Plant No. 1, the third and fourth wells are located at Water Treatment Plant No. 2. Each well can produce between 400 and 500 gallons per minute.

How is the drinking water treated?

Groundwater is pumped from the wells to the treatment facilities where dissolved iron and manganese are then removed with filters. The oxidized aeration is provided to strip any volatile organic compounds out, to improve taste and odor and to oxidize iron and manganese. Fluoride is added to prevent cavities (A concentration of 1 part per million of fluoride which has shown to reduce cavities by 60%). Chlorine is added for disinfection, along with blended poly-phosphate to inhibit corrosion. Treated water is pumped to the distribution system where water storage is provided in a 500,000-gallon capacity elevated tank located on Algonquin Road. An emergency water main inter-connection with the Village of Lake Barrington provides fire protection back-up.

Required EPA Educational Information:

Drinking water, including bottled water, may reasonably be expected to contain 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 USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it can dissolve naturally occurring minerals and radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Possible contaminants consist of:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic contaminants, such as salts and metals, can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharge, oil and gas production, mining or farming.
- Pesticide and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also, come from gas stations, urban stormwater runoff and septic systems.
- Radioactive contaminants, which may be naturally occurring or the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the USEPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems.

Water quality testing is performed on a daily basis, with monthly bacteriological samples collected and submitted to the Illinois Environmental Protection Agency. The Village's water supply is in compliance with all EPA water quality standards and regulations.

The Village currently maintains 20.4 miles of water distribution pipe, in sizes of 4", 6", 8" and 12" diameter. There are 262 fire hydrants that are color-coded according to gallon per minute flow and 1,541 service lines to homes and business. Fire hydrants are inspected and flushed in both spring and fall to ensure they are in good working order and available for fire protection needs. The Village maintains water service lines from the b-box to the main, including the b-box. The homeowner is responsible for the service to the house including the shutoff valve before the water meter. Water meters are read and billed bi-monthly. Every other bi-monthly is estimated. The cost for one thousand gallons of water is \$6.36 plus a base charge of \$44.57 every two months for water and sewer customers as of May 1, 2011.

A cross connection safety program has been implemented to protect the public water supply from back flow and back siphoning. A drop in water pressure could result in a reverse flow into the service lines causing contaminants to be drawn into the system from cross-connections. All underground sprinkler systems and fire sprinkler systems are required to have an approved back-flow preventer device installed and tested annually.

The Village's groundwater protection program also works with local business to prevent the accidental introduction of hazardous chemicals into the groundwater.

The Village of Fox River Grove had no water quality violations during 2010.

COMMON QUESTIONS FROM FOX RIVER GROVE WATER CUSTOMERS

1. What is the hardness of our Village water?

The mineral content or water hardness of the Village water is 28 grains per gallon. Anything above 10.5 grains is considered to be very hard water.

2. Do I need a water softener if I am on Village water?

Adding a water softener is an individual homeowner's choice. Water that is too soft makes it difficult to remove soap from your hands and might add too much salt to your drinking water. Too hard, and laundry detergents works less effectively and there is a greater chance of excessive scaling of pipes and water fixtures.

3. Does Fox River Grove add fluoride to the Village's water?

Yes, fluoride is added to the drinking water to prevent cavities. Water fluoridation is the single most effective public health measure to prevent tooth decay and improve oral health in both children and adults. Studies have shown that for every dollar invested in fluoridation, as much as \$38 is saved in dental treatment costs.

4. Is radon a contaminate concern in Fox River Grove's water?

No, radon is not a concern in the Village's water system. Radon that may naturally occur in groundwater, is removed during the aeration phase of our treatment process.

5. Why does the water have a chlorine taste or smell?

Chlorine is added during the treatment process as a disinfectant to prevent the re-growth of harmful bacteria in the water distribution system. To remove any chlorine taste or smell, fill a pitcher full of water and refrigerate it overnight with the lid off. The chlorine content will dissipate.

6. I have low water pressure, what can I do?

If the pressure is low at only a few sinks, remove the aerator from the faucet and inspect for debris that may be obstructing water flow. If the pressure is low throughout your home many times a softener may malfunction and reduce water pressure. To isolate the softener, close the bypass valve and re-check water pressure. If that does not solve the issue call the Water Department and we will investigate.

7. Do you give tours of your water treatment plant?

Yes, we are proud of our facilities and enjoy giving tours. We encourage citizens to schedule a tour and see where their tap water comes from. Please call Tim Zintl, Asst. Public Works Director at (847) 639-8360 to make arrangements.

8. Want more information?

More information is available on the Village of Fox River Grove's website www.foxrivergrove.org. The Village does routine water quality testing. A table of results can be obtained at Village Hall or visit the website. If you have other questions about this report or concerning your water system, please contact Tim Zintl, Asst. Supt. Public Works, Water & Sewer Dept. at (847) 639-8360. We want our valued customers to be informed about their water quality. Also, feel welcome to attend any of our regularly scheduled Public Works committee meetings held on the 1st. Thursday of each month at 7:00 p.m. at the Village Hall, at 305 Illinois Street. Water is a valuable natural resource, please help protect our drinking water and practice good water conservation.

Annual Drinking Water Quality Report 2010

Source Water Assessment Summary

Based on information obtained in the Well Site Survey, published in 1989, fourteen possible problem sites were identified within the survey area of Fox River Grove. Furthermore, information provided by the Leaking Underground Storage Tank and Remedial Project Management Sections of the Illinois EPA indicated several additional sites with ongoing remediations which may be of concern. The Illinois EPA has determined that Fox River Grove's wells are susceptible to contamination. This determination is based on a number of criteria including; monitoring conducted at the wells; monitoring conducted at the entry point to the distribution system; and the available hydrogeologic data on the wells. The Illinois Environmental Protection Act provides minimum protection zones of 400 feet for Fox River Grove's wells. These minimum protection zones are regulated by the Illinois EPA. To further minimize the risk to the groundwater supply, the Illinois EPA recommends that five additional activities be assessed. First, the village may wish to enact a "maximum setback zone" ordinance to further protect their water supply. These ordinances are authorized by the Illinois Environmental Protection Act and allow county and municipal officials the opportunity to provide additional protection up to 1,000 feet from their wells. Second,

the water supply staff may wish to revisit their contingency planning documents. Contingency planning documents are a primary means to ensure that, through emergency preparedness, the village will minimize their risk of being without safe and adequate water. Third, the water supply staff is encouraged to review their cross connection control program to ensure that it remains current and viable. Cross connections to either the water treatment plant (for example, at bulk water loading stations) or in the distribution system may negate all source water protection initiatives provided by the village. Fourth, the village should obtain aquifer property data and groundwater flow direction information so the recharge areas for the wells can be mapped. This information can be obtained by completing pump tests on the wells and mass water level measurements on wells finished in the aquifers utilized by the wells. Finally, the Illinois EPA recommends that the village investigate additional source water protection management options to

address land use activities within the recharge areas, when developed. Specifically, these management options must include potential impacts from point and nonpoint sources of groundwater contamination.

2010 Regulated Contaminants Detected

Water Quality Test Results:

Maximum Contaminant Level Goal or MCLG: The level of a contaminant in drinking water below there is no known risk to health. MCLGs allow for a margin of safety.

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

Maximum residual disinfectant level goal or MRDLG: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits for the use of disinfectants to control microbial contaminants.

Maximum residual disinfectant level or MRDL: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Definitions: The following tables contain scientific terms and measures, some of which may require explanation.

ppb: micrograms per liter of parts per billion – or one ounce in 7,350,000 gallons of water.

na: not applicable

Avg: Regulatory compliance with some MCLs are based on running average for monthly samples.

ppm: milligrams per liter or part per million - or one ounce in 7,350 gallons of water.

Regulated Contaminants Detected

Lead and Copper - Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.								
	Date Sampled	MCLG	Action Level	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contaminant
Copper		1.3	1.3	0.903	3	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; corrosion of household plumbing systems
Lead*		0	15	6.08	2	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits

Disinfectants & Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contaminant
Chlorine		0.7	0.35-0.816	MRDLG=4	MRDL=4	ppm	N	Water additive to control microbes.
HaloAcetic Acids (HAA5)*		0.01	0.01 - 0.01	No goal for the total	60	ppb	N	By-product of drinking water chlorination.
Not all sample results may have been used for calculating the Highest Level Detected because some results may be part of an evaluation to determine where compliance sampling should occur in the future								
Total Trihalomethanes (TTHm)*		24.92	24.92 - 24.92	No goal for the total	80	ppb	N	By-product of drinking water chlorination.
Not all sample results may have been used for calculating the Highest Level Detected because some results may be part of an evaluation to determine where compliance sampling should occur in the future								
Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contaminant
Arsenic	08/05/2009	1.43	1.38-1.43	0	10	ppb	N	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes.
Barium	08/05/2009	0.117	0.107 - 0.117	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; erosion of natural deposits.
Iron	08/05/2009	1.14	1.09-1.14		1.0	ppm	N	Erosion from naturally occurring deposits.
Manganese	08/05/2009	51.6	50.1-51.6	150	150	ppb	N	Erosion from naturally occurring deposits.
Nitrate (measured as Nitrogen)		1	0-1.15	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Sodium	08/05/2009	84.5				ppm	N	Erosion from naturally occurring deposits: in water softener regeneration.
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contaminant
Combined Radium 226/228	01/21/2009	1.1	1.1 - 1.1	0	5	pCi/L	N	Erosion of natural deposits
Volatile Organic Collection Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contaminant
Trichloroethylene		2	0-0	0	5	ppb	N	Discharge from metal degreasing sites and other factories.

*If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.