



Hillside Happenings

JUNE 2013

Village of Hillside
425 Hillside Avenue
Hillside, IL 60162
708-449-6450
www.hillside-il.org



From the Desk of the Mayor....



Emergency

Police & Fire: 9-1-1

Non Emergency:

**Police 708-449-6133
Fire 708-547-8684**

Public Works:

708-202-3434

Water Billing:

708-202-3462

EMA: 708-449-6410

Director: Anthony Faragia

Mayor's Office of Special

Events: 708-202-4343

Event Line: 708-202-4388

Water is a precious resource that requires vigilant care.

SAFE drinking water is an essential resource for our residents.

When the U. S. Congress passed the 1996 Safe Drinking Water Act amendments, the U. S. Environmental Protections Agency (USEPA) was given the mandate to require each community water system to provide each of its customers with a Consumer Confidence Report (CCR) annually.

This year, as in the past years, **your tap water met all USEPA and state drinking water health standards.** The Public Works Department vigilantly safeguards our water supply. The report in this issue of the "**Happenings**" contains basic information on the source of our water, what it contains, and how it compares to standards set by regulatory agencies.

Our water quality meets or exceeds state and federal standards as regulated by the Environmental Protections Agency and the Safe Drinking Water Act and we are committed to provide you with this information. Please take some time to read this report.

Mayor

Joseph T. Tamburino

Village Clerk

Linda L. Gould

Trustees

**Lytton H. Andersen
Carol L. Bibly
David V. Delgado
John N. Kramer
Frank J. Lomeli, Sr.
Marvin A. Watson**

Administrator

Russell F. Wajda

Assistant Village

Administrator/Treasurer

John T. Flood, Jr.

PUBLIC HEARINGS FOR ELECTRIC AGGREGATION PROGRAM

The Village of Hillside will hold public hearings regarding an electric aggregation program on **Monday, June 3, 2013 at 7:00pm and Monday, June 10, 2013 at 8:00pm** in the Courtroom of the Village Hall located at 425 Hillside Avenue. The purpose of the public hearings is to listen to public commentary regarding the Village of Hillside's draft Plan of Operation and Governance for its electric aggregation program. *The Plan*, among other things, will describe how electricity supply offers will be provided to all applicable residential and small commercial customers on an equal treatment basis. A copy of the proposed *Plan* is available for review on our website www.hillside-il.org or at the Village Hall during our regular office hours. Written and oral comments will be accepted at the Public Hearings. All persons interested in these proceedings are encouraged and welcome to attend and be heard. **For more information, please call (708) 449-6450.**

CONGRATULATIONS GRADUATES!

We want to take this opportunity to congratulate all of the Graduates in our community. We know how hard you have worked toward this accomplishment and wish you success in all of your future endeavors!



Police Department

**425 Hillside Avenue
Chief Joseph M. Lukaszek**

Fire Department

**523 Wolf Road
Chief Michael N. Kuryla**

Public Works

**425 Hillside Avenue
Director Joseph L. Pisano**

DATES TO REMEMBER

**Village Board of a Whole Meeting
Village Regular Board Meeting**

**Monday, June 10th
Monday, June 24th**

**7:30PM
7:30PM**

VILLAGE OF HILLSIDE
2013 WATER QUALITY – CONSUMER CONFIDENCE REPORT
2012 WATER QUALITY DATA TABLE – WATER SOURCE: HILLSIDE
 Regulated Contaminants Dated in 2011 (collected in 2011 unless otherwise noted)

LEAD AND COPPER

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90 th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	9/13/2011	1.3	1.3	0.11	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	9/13/2011	0	15	5.8	1	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

REGULATED CONTAMINANTS

Disinfectants and Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Chlorine	12/31/2012	0.6	0.4-0.6556	MRDLG=4	MRDL=4	ppm	N	Water additive used to control microbes
Haloacetic Acids (HAA5)*		21	6.9– 24	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)*		42	26-52	No goal for the total	80	ppb	N	By-product of drinking water chlorination
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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.

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. The Village of Hillside 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 drinking 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>.

DATA TABULATED BY CHICAGO DEPARTMENT OF WATER MANAGEMENT

2012 WATER QUALITY DATA

Contaminant (unit of measurement) Typical Source of Contaminant	MCLG	MCL	Highest Level Found (Lowest Monthly %)	Detected Contaminants		Violation	Date of Sample
				Range of Detection			
<u>Turbidity Data</u>							
TURBIDITY (%<0.3 NTU)	n/a	TT(95%<0.3NTU)	99.7%	99.7% - 100.0%			
Soil runoff. Lowest monthly percent meeting limit.							
TURBIDITY (NTU)	n/a	TT(1NTUmax)	0.69	n/a			
Soil runoff. Highest single measurement.							
<u>Inorganic Contaminants</u>							
BARIUM (ppm)	2	2	0.0204	0.0194-0.0204			
Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits;							
ARSENIC (ppb)	0	10	0.67	0.52-0.67			
Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes							
NITRATE (As Nitrogen)(ppm)	10	10	0.34	0.34 - 0.34			
Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.							
TOTAL NITRATE & NITRITE (ppm)	10	10	0.34	0.34– 0.34			
Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.							
<u>Total Organic Carbon</u>							
TOC (TOTAL ORGANIC CARBON)							
The percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements set by IEPA							
<u>Disinfectants/Disinfection By Products</u>							
TOC (TOTAL ORGANIC CARBON) The percentage of Total Organic Carbon (TOC) removal was measured each month, the system met all TOC removal requirements set by IEPA							
<u>Unregulated Contaminants</u>							
SULFATE (ppm)	n/a	n/a	17.6	13.4 – 17.6			
Erosion of naturally occurring deposits							
SODIUM (ppm)	n/a	n/a	7.07	6.88–7.07			

Detected Contaminants cont'd

Typical Source of Contaminant	MCLG	MCL	Highest Level Found	Range of Detection	Violation	Date of Sample
<u>State Regulated Contaminants</u>						
FLUORIDE (ppm) Water additive which promotes strong teeth	4	4	0.85	0.84-0.85		
<u>Radioactive Contaminants</u>						
COMBINED RADIUM (226/228) (pCi/L) Decay of natural and man-made deposits	0	5	1.38	1.300-1.380		3-17-2008
GROSS ALPHA excluding Radon and uranium (pCi/L) Decay of natural and man-made deposits.	0	15	0.88	0.090-0.880		3-17-2008

WATER QUALITY DATA TABLE FOOTNOTES

TURBIDITY

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

UNREGULATED CONTAMINANTS

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

FLUORIDE

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

SODIUM

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

UNREGULATED CONTAMINANT MONITORING RULE II (UCMR II): Our water system was required to monitor for all contaminants required under the Unregulated Contaminant Monitoring Rule II (UCMR II). Started in 2009, monitoring under UCMR II was completed in 2011, with none of the contaminants detected. Inquiries and results may be obtained by calling the Water Quality Division office at (312) 742-7499.

2012 Violation Summary Table

Contamination or Program	Violation Type	Monitoring Period Start Date – End Date	Violation Explanation
Individual Filter Effluent Turbidity Monitoring	Minor Routine Monitoring (ISWTR/LT1)	09/01/2012 – 09/30-2012 10/01/2012 – 10/31/2012	We failed to complete all the required tests of our drinking water for the contaminant and period indicated.
Health Effects (if applicable)	None		
Actions we took:	The Department of Water Management has installed a new low level turbidity detection alarm program in the electronic turbidity monitoring system and provided corrective action training to staff. This will ensure continuous filter effluent turbidity monitoring without interruption.		

WATER QUALITY TEST RESULTS

Definition of Terms-

Action Level (AL): 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 of health. ALG's allow for a margin of safety.

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

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

Highest Level Detected: This column represents the highest result, unless otherwise noted, during the CCR calendar year. In some cases, it may represent a single sample if only one sample was collected.

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

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

Maximum Residual Disinfectant Level (MRDL): The highest level of a drinking water disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use disinfectants to control microbial contaminants.

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

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

nd: Not detectable at testing limits. **n/a:** Not applicable

Unit of Measurement

ppm or mg/L - Parts per million, or milligrams per liter – or one ounce in 7,350 gals. H2o
ppb or ug/L – Parts per billion, or micrograms per liter – or one ounce in 7,350,000 gals. H2o
NTU - Nephelometric Turbidity Unit, used to measure cloudiness in drinking water
%<0.5 NTU-Percent samples less than 0.5 NTU
pCi/l - Picocuries per liter, used to measure radioactivity

**CITY OF CHICAGO, DEPARTMENT OF WATER MANAGEMENT
SOURCE WATER ASSESSMENT SUMMARY FOR THE
2012 CONSUMER CONFIDENCE REPORT (CCR)**

The Illinois EPA has completed the Source Water Assessment Program for our supply. The Illinois EPA implemented a Source Water Assessment Program (SWAP) to assist with watershed protection of public drinking water supplies. The SWAP inventories potential sources of contamination and determined the susceptibility of the source water to contamination.

Source Water Location

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

Susceptibility to Contamination

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

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

2012 VOLUNTARY MONITORING

The City of Chicago has continued monitoring for Cryptosporidium, Giardia and E.coli in its source water as part of its water quality program. To date, Cryptosporidium has not been detected in these samples, but Giardia was detected in 2010 in one raw lake water sample collected in September 2010. Treatment processes have been optimized to provide effective barriers for removal of Cryptosporidium oocysts and Giardia cysts in the source water, effectively removing these organisms in the treatment process. By maintaining low turbidity through the removal of particles from the water, the possibility of Cryptosporidium and Giardia organisms getting into the drinking water system is greatly reduced.

In 2012, CDWM has also continued monitoring for hexavalent chromium, also known as chromium-6. USEPA has not yet established a standard for Chromium-6, a contaminant of concern which has both natural and industrial sources. Please address any questions or concerns to DWM's Water Quality Division at 312-742-7499. A list of detected contaminants from the monitoring studies and additional information is posted on the City's website which can be accessed at the following address:

http://www.cityofchicago.org/city/en/depts/water/supp_info/water_quality_resultsandreports/chromium-6.html.

**CITY OF CHICAGO, DEPARTMENT OF WATER MANAGEMENT
EDUCATIONAL STATEMENTS REGARDING COMMONLY FOUND DRINKING WATER CONTAMINANTS FOR THE
2012 CONSUMER CONFIDENCE REPORT**

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 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 organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. 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).

We want our valued customers to be informed about their water quality. If you would like to learn more, feel welcome to attend any of our regularly scheduled **Village Board Meetings on the 2nd and 4th Monday of each month**. The source water assessment for our supply has been completed by the Illinois EPA. For more information about Hillside, view our website at www.hillside-il.org. If you would like a copy of this information, please stop by the Village Hall or call **Paul Smith at 708-202-3463**. To view a summary version of the completed Source Water Assessments, including: Importance of Source Water; Susceptibility to Contamination Determination; and documentation/recommendation of Source Water Protection Efforts, you may access the Illinois EPA website at <http://www.epa.state.il.us/cgi-bin/wp/swap-fact-sheets.pl>.

Attention: Este informe contiene informacion muy importante. Traduscalo o hable con alguien que lo entienda bien.

***("This report contains very important information.
Translate it, or speak with someone who understands it.")***