

# VILLAGE OF DEERFIELD

850 Waukegan Road  
Deerfield, Illinois 60015  
847/945.5000

Visit us online at  
[www.deerfield.il.us](http://www.deerfield.il.us)

## MEETING SCHEDULE

Meeting times/dates subject to change.

### May

**Family Days Commission**

May 2, 4:00 p.m.

**Fine Arts Commission**

May 2, 6:00 p.m.

**Board of Trustees**

May 2 & 16, 7:30 p.m.

**Village Center Development Comm.**

May 4, 7:30 p.m.

**Community Relations Commission**

May 10, 7:00 p.m.

**Plan Commission**

May 12 & 26, 7:30 p.m.

**Sustainability Commission**

May 12, 7:00 p.m.

**Appearance Review Commission**

May 23, 7:30 p.m.

**Safety Council**

May 24, 7:30 p.m.

**Village Hall Closed**

May 30, Memorial Day

### June

**Village Center Development Comm.**

June 1, 7:30 p.m.

**Family Days Commission**

June 6, 4:00 p.m.

**Village Board of Trustees**

June 6 & 20, 7:30 p.m.

**Sustainability Commission**

June 9, 7:00 p.m.

**Plan Commission**

June 9 & 23, 7:30 p.m.

**Appearance Review Commission**

June 27, 7:30 p.m.

**Safety Council**

June 28, 7:30 p.m.

# D-TALES

Your Municipal News Source

## WASTEWATER RECLAMATION FACILITY UPDATE

The water reclamation facility construction project is underway. Progress has been made in several areas:

- The new influent pump station has been excavated to the lowest levels. The deepest floors and walls have been framed for concrete and several of those pours have already occurred.
- The underground sanitary sewer work has also started. This work is to provide a central area where all wastewater flows will be collected and pumped through the plant.
- ComEd has completed their work on the transition to temporary power supply for construction. There will be several more planned outages at the plant to provide for construction.
- Excavation will now begin on the new aeration tank addition at the east end of the plant. This addition will provide longer detention times for biological treatment.

The contractor has fenced off the whole construction site for safety. Hackberry Road is closed to vehicular traffic, between the river and Locust Street, except for construction and operations personnel. People using the Shepard School baseball fields are encouraged to park in the school parking lots or the Patty Turner Center parking lot a few short blocks from Shepard. Parking will also be available on the east side of Pine Street, between Hackberry and Dartmouth during the construction project.

Funding of this \$30 million improvement will take place in phases over the life of the project. To date, the Village has issued \$7.5 million of Build America Bonds. The Village continues to explore alternative funding sources to minimize borrowing costs.

*For more information, please contact the Director of Public Works at 847/317.7245 or visit [www.deerfield.il.us](http://www.deerfield.il.us)*

## DEERFIELD FESTIVAL OF FINE ARTS

Mark your calendars now! The 2011 Deerfield Festival of Fine Arts will be held on June 4 and June 5 from 10:00 a.m. – 5:00 p.m. on Park Avenue and Deerfield Road. This year's festival will showcase 100 artisans' works.



Now in its 9th year, the Festival of Fine Arts has proven to be an entertaining, family-friendly community event, and the show's popularity continues to grow, with several thousand visitors from all over the Chicagoland area in attendance to peruse or purchase art. As in past years, all art media will be represented.

*For more information, please contact the Village Manager's Office at 847/945.5000 or visit the Village's website at [www.deerfield.il.us](http://www.deerfield.il.us).*

### CHECK IT OUT!

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- Budget News

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- Construction Updates

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- Water Quality Report

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- Emerald Ash Borer Information

**Page 10:**

- Vehicle Sticker Registration





## ANNUAL BUDGET

The Village's annual budget for the fiscal year beginning May 1, 2011 was approved by the Mayor and Board of Trustees at their April 20, 2011 meeting, culminating a thorough review process by the Board and staff. The Village provides a wide range of basic services upon which we all depend including police protection, potable water, sewage treatment and street maintenance, to highlight only a few. A great deal of time, energy and deliberation was put into the creation of this budget and the Board worked diligently to ensure that the high quality of services that Deerfield residents rely upon remains unchanged.

Deerfield has not been immune to the poor economic climate that has substantially reduced most of its revenue sources. Sales taxes, hotel/motel taxes, building permit revenue, state shared taxes such as income tax, and water and sewer revenues have all been affected. And while the Village has taken many steps to reduce its cost structure, the need to maintain its level of services and demands for infrastructure improvements have required revenue enhancements and bonds to be issued with this budget. These include:

### Water and Sewer Rates Increase

To maintain the viability of these funds, a 2.5% increase has been approved for both the water and sewer rates. A household that uses 30 units of water per billing quarter will see an increase of \$4.50 in their total bill.

### Property Tax Increase

The Village projects no changes to the property tax levy for operations. The Village portion of the property tax bill is about 3%.

Due to the need for capital improvements, largely for the replacement of the sewage treatment plant (WRF), the Village will be borrowing \$24 million this summer through the use of general obligation bonds. \$4 million of the general obligation bonds will be used for capital projects and \$20 million (energy conservation bonds) for the sewage treatment plant. The Village will review its financial position in December when the tax levy will be approved intend-

ing to reduce the levy necessary to service this debt. However, this debt will add substantially to the 2011 Village portion of the property tax.

A property paying \$400 in tax to the Village could see a total increase of \$208 for increased debt service costs.

Please note that Deerfield property owners east of the Tollway do not pay regional agencies (MWRD in Cook County, NSSD in Highland Park and Lake County Special Service Areas in Riverwoods and Lincolnshire) for sewage treatment. Our total costs continue to be very competitive for this service when comparing "apples to apples" and the Village maintains stronger local land use controls as a result.

### Expenditures

The total Village budget for 2011/12 is \$54,636,612. Due to the types of services provided by the Village, its operation is very labor intensive. It is no surprise then that labor costs are 58% of the total operating funds budget of \$26,140,898.

The CIP for next year totals \$24 million, an increase of 32% over the 10/11 budget. Most of this increase is due to the construction cost of \$16.4 million for the replacement of the sewage treatment plant which is estimated to cost a total of nearly \$30 million over the next few years.

*Questions about the budget may be directed to the Finance Department at 847/945.5000, or via e-mail at [deermail@deerfield.il.us](mailto:deermail@deerfield.il.us).*

## WASTE HAULER TRANSITION REMINDERS

"Thank you" to all of our residents during this transition. Waste Management is the new waste hauler in town collecting refuse, recycling and yard waste from Deerfield residents. Waste Management is working hard to provide a seamless transition and requests your patience during this changeover period. Waste Management received over 1,700 requests for different sized carts. As of the mid April, approximately 95% of these cart changes have been completed. If you requested a cart size change and have not received it yet, please continue to use the carts that

were provided until your requested cart size arrives. Waste Management will change out the carts even if they are being used.

Here are a few things to keep in mind during the transition period:

- All carts should go to the curb for collection with the handles and wheels towards the house unless you signed up for backdoor garbage service.
- Residents living on the north side of Deerfield Road will have collection on Tuesday.
- Residents living on the south side of Deerfield Road will have collection on Wednesday.
- Garbage and recycling are collected in separate trucks, so garbage and recycling will be picked up at different times during the collection day.
- Waste Management collects garbage between the hours of 7:00 a.m. and 6:00 p.m., with the exception of Waukegan and Deerfield Road which are picked up at 6:30 a.m.
- Residents can make one cart size change free of charge until June 30, 2011.
- Missed pick-ups, changes to cart sizes or requests for backdoor refuse collection are handled directly through Waste Management. They can be reached at [800/796.9696](tel:8007969696) or via email at [villageofdeerfield@wm.com](mailto:villageofdeerfield@wm.com)
- Waste Management yard waste stickers are \$2.50 per sticker and must be attached to each yard waste bag or bundled branches.
- Unused Veolia (orange only) yard waste stickers can be turned into the Deerfield Village Hall until May 31 for a \$2 reimbursement per sticker.
- All recycling can be mixed together in the green container with the yellow lid (paper, cardboard, glass, aluminum, metal or tin cans, plastic bottles and containers #1 - #5).
- If Veolia has not picked up their recycling container please call them at [847/272.4145](tel:8472724145) to have it picked up.

*If you have any questions, please contact Waste Management at 800/796.9696 or email [villageofdeerfield@wm.com](mailto:villageofdeerfield@wm.com).*



## STREET REHAB PROGRAM

Each year the Village of Deerfield utilizes Motor Fuel Tax funding, administered through the State of Illinois, to rehabilitate/reconstruct local streets. The scope of work for this year includes pavement removal and replacement, pavement patching, curb and gutter removal and replacement, sidewalk removal and replacement, adjustment of structures and parkway restoration. The 2011 program includes Hazel Avenue, Somerset Avenue, Chestnut Street and Sheridan Avenue.

## CARLISLE AVENUE & CARRIAGE WAY REHABILITATION

The purpose of this project is to reconstruct and rehabilitate the existing Village roadway and utilities on Carlisle Avenue between Deerfield Road and Briarwood Nature Area and Carriage Way between the Briarwood Nature Area and Bent Creek Ridge. The project is relatively complex, with an estimated cost of \$4.2 million. Improvements will include complete replacement of the existing roadway, water main replacement, point repairs on storm and sanitary sewer systems, lighting system upgrades, and sidewalk replacement as needed.



This project has spanned two construction seasons, the first phase was completed in 2010. Phase I of construction began in June, 2010 along Carlisle Avenue between the Briarwood Nature Area and Deerfield Road and was substantially completed in fall 2010. Phase II of construction began in spring 2011 along Carriage Way between the Briarwood Nature Area and Bent Creek Ridge and will reach completion in the summer of 2011. The final surface course of pavement will be installed along Carlisle Avenue and Carriage Way as construction nears completion this summer.

## DEERFIELD ROAD PEDESTRIAN UNDERPASS

Deerfield Road is bisected by the Metra tracks that provide service for the Metra Milwaukee North Line, Amtrak, and the Soo Line Railroad. The sidewalks adjacent to Deerfield Road which go under the

railroad tracks are very narrow. This project involves installing a pedestrian underpass of the Metra tracks, on the south side of Deerfield Road, behind the railroad bridge abutment. The new walkway will be ADA accessible and provide convenient connectivity to the existing pedestrian bridge over Deerfield Road.

This project is substantially funded through outside grants. Both the Illinois Transportation Enhancement Program (ITEP - \$367,000) and Congestion Mitigation and Air Quality Program (CMAQ - \$2,200,000) have awarded funds for the project. These funds will cover 80% of the cost of design and construction. The project was awarded to Herlihy Mid-Continent Company in July of 2010 and is expected to be complete in late spring 2011.

## CENTRAL AVENUE AND JUNIPER COURT BRIDGE REHAB

As directed by the Illinois Department of Transportation (IDOT), the Central Avenue Bridge and the Juniper Court Bridge will be reconstructed during the summer/fall of 2011. Utilizing the funding provided through the Highway Bridge Replacement and Rehabilitation Program (HBRRP), the Village of Deerfield will have the opportunity to take advantage of 80% Federal/20% Village cost participation.

**The bridges are expected to be closed completely** for the duration of the project and may be constructed concurrently. The project will be included on the June 2011 IDOT letting. More detailed construction schedules will be available as the project moves forward.

## REPLACEMENT OF VILLAGE WATER METERS

The Village is in the process of replacing residential water meters with new meter-reading technology. Residents and businesses will receive a letter from the Village advising them when Village personnel will be in your area changing meters. A typical installation will take 15 to 30 minutes to complete and will be done at no charge to residents or businesses. During the installation we will need to

shut off the water. If we miss you, a light green door hanger will be placed on your door requesting that you call to make an appointment for the installation of your new water meter. The project will be completed over the next three years.

*For more information, call Public Works at 847/ 317.7245 or visit the website at [www.deerfield.il.us](http://www.deerfield.il.us)*

## LAKE COOK ROAD WIDENING AND RECONSTRUCTION PROJECT

The Lake Cook Road Reconstruction and Widening Project is spearheaded by the Cook County Highway Department (CCHD). The work for this season will be concentrated along Lake Cook Road between Wilmot Road and Deer Lake Road. This is the first part of two individual projects that will be constructed by the CCHD over the next several years.

The overall scope of the two projects will be to rehabilitate Lake Cook Road between Wilmot Road and Pine Street and to reconstruct and widen Lake Cook Road between Pine Street and Ellendale Road. During the widening and reconstruction of Lake Cook Road, the Village of Deerfield is being required by the CCHD to remove and replace approximately 2,200 linear feet of deteriorated water main that sits beneath the County Right-Of-Way. At this time the Village will also be afforded the opportunity to install 12,000 square feet of sidewalk all on the north side of Lake-Cook Road (50/50 cost share with the CCHD), and perform point repairs on sanitary sewer mains. The Village will achieve significant cost savings by undertaking point repairs and sidewalk installation during the Lake Cook Road project due to mobilization, staging, and unit price costs associated with doing it separately. The CCHD has committed to keeping at least one lane in each direction and a left turn lane available at all signalized intersections along Lake Cook Road for the duration of the project.

*If you have any questions or need additional information regarding this project please contact Aaron Lebowitz, with the Cook County Highway Department, at 847/291.2725 or via email at [aaron.lebowitz@cookcountyil.gov](mailto:aaron.lebowitz@cookcountyil.gov)*



# BOARDREPORT

The following is a synopsis of actions taken by the Village Board since the last issue of D-Tales. For complete sets of minutes for Village Board meetings or to watch meetings on demand, please visit the Village's website at [www.deerfield.il.us](http://www.deerfield.il.us).

## VILLAGE BOARD ACTION

- Accepted the report and recommendation of the Plan Commission regarding approval of the 2011 Zoning Map
- Approved an ordinance to license non profit raffles.
- Approved an agreement with Cook County for access to Geographical Information Systems
- Accepted the report and recommendation of the Plan Commission requesting an amendment to a sign plan for the Parkway North Center Development at Deerfield Road and Saunders Road (The John Buck Company)
- Approved authorization for Police Department to enter into a software maintenance agreement with New World Systems
- Approved authorization for the Police Department to enter into an agreement with Blackboard Connect, Inc.
- Approved rehabilitation construction engineering services agreement and authorization for Mayor to execute the local agency agreement for federal participation
- Approved preliminary engineering services agreement supplement #2 and authorization for Mayor to execute the local agency agreement
- Approved an ordinance adopting the budget for the fiscal year beginning May 1, 2011 and ending April 30, 2012
- Approved an ordinance amending the wage and salary plan
- Amended the municipal code to provide for water and sewer increases

## PROCLAMATIONS

- Proclaimed the week of March 20th, 2011 as Youth Appreciation Week
- Proclaimed April, 2011 as Autism Awareness Month
- Proclaimed the week of April 10th as National Telecommunicators Week
- Proclaimed April 22, 2011 as Earth Day
- Proclaimed April 29, 2011 as Arbor Day



# COMMUNITYCALENDAR

### DEERFIELD PARK DISTRICT

- May 1, Deer Dash
- May 1, Disc Golf Tournament
- May 2, Disc Golf Tournament
- May 15, Hershey Track & Field Meet at DHS
- May 15, Old Fashioned Band Concert at Patty Turner Center
- May 22, Dance Recital for Deerfield Dance Studio
- June 3, Middle School Pool Party at Deerspring (Raindate June 10)
- June 4, Mitchell Pool opens
- June 8, Middle School Great America Trip
- June 11, Deerspring Pool opens
- June 11, Tinman Triathlon
- June 14, Stage & Screen Camp begins
- June 16, Longest Day Golf Event at DGC

- June 19, Summer Sampler
  - June 20, Summer Day Camps begin
  - June 21, Public Swim Lessons begin
  - June 22, District 109/Park Foundations Joint Golf Outing at DGC – Public Invited!
  - June 26, Summer Sampler
- For more information or to register for Park District programs, call 847/945.0650, or visit [www.deerfieldparkdistrict.org](http://www.deerfieldparkdistrict.org)*

### DEERFIELD PUBLIC LIBRARY

The Library will be closed all day Monday, May 30 and will open at 10 a.m. on Wednesday, June 22. The Deerfield Library Board meets at 7 p.m. on the third Wednesday of each month.

Adult Programs:  
*Native Uses of Native Plants*, May 4, 7 p.m.  
*Peter Nye and the Chicago Blue Grass Band*, May 15, 2 p.m.  
*Master Gardeners Plant Clinic*, June 6, 10 a.m. - 2 p.m.

- Career Advice*, June 7, 9:30 a.m - 12 p.m.
- The Unrecognized Migration*, June 15, 7 p.m.
- Adam Kromelow Jazz Trio*, June 26, 2 p.m.
- Library Poets*, Tuesdays, 6:30 - 8:30 p.m.
- Monday Night Movies:  
 All films will start at 6:30 p.m. Please register in advance.  
*Pirates of the Caribbean: The Curse of the Black Pearl*, May 9, Rated PG-13  
*Pirates Inception*, May 23, Rated PG-13

- Book Discussions:  
*The Monster of Florence* by Douglas Preston, May 12, 10:30 a.m.  
*Major Pettigrew's Last Stand* by Helen Somonson, May 19, 7:30 p.m.  
*Lie Down in Darkness* by William Styron, June 9, 10:30 a.m.  
*Rebecca* by Daphne Du Maurier, June 16, 7:30 p.m.

- Teen Programs:  
*Teen Study Lounge*, June 3 - 9, Available all hours the library is open
  - Children's Programs:  
*Read to Rover - A Special Needs Story Time*, May 14, 2 p.m.  
*Mad Hatters*, May 21, 1 p.m.  
*One World, Many Stories*, Saturdays, June 11 - August 6
  - Drop-In Activities:  
*Family Times*, Saturdays, March 5 - May 28, 11 a.m.
  - Storytime at the Farmers Market*, Saturday, June 18, 9:30 - 11:30 a.m.
- Note: Please register in advance for all programs by calling 847/945.3311. For more information and a full listing of events, please visit the library on the web at [www.deerfieldlibrary.org](http://www.deerfieldlibrary.org).*

### WEST DEERFIELD TOWNSHIP

Township Board meetings will be held May 17 and June 21 at the Township Offices, 601 Deerfield Road. Visit [www.westdeerfieldtownship.org](http://www.westdeerfieldtownship.org)



# ANNUAL DRINKING WATER QUALITY REPORT VILLAGE OF DEERFIELD, ILLINOIS JUNE, 2011

*This information is being published in accordance with the 1996 Safe Drinking Water Act,  
as directed by the United States Environmental Protection Agency*

## INTRODUCTION WATER QUALITY REPORT - 2011

We are once again pleased and proud to present to you the Annual Water Quality Report. This Consumer Confidence Report (CCR) is designed to inform you about the water we deliver to you every day. Our goal is to provide you with a safe and dependable supply of drinking water. The Village is committed to insuring the quality and delivery of your water. We hope you find this information useful. If you have any questions about this report or water quality, please contact Russ Olmstead, Deerfield Water Department Supervisor at 847/317-7245, or e-mail [pw@deerfield.il.us](mailto:pw@deerfield.il.us).

We are also pleased to report that the drinking water provided by the Village meets or exceeds all State of Illinois and United States Environmental Protection Agency regulations and that we are not operating under any variance or exemption from the established drinking water regulations or standards. Opportunities for participation in the decision making processes that affect drinking water quality are also available at the monthly Village of Deerfield Board meetings on the first and third Mondays of every month. ~

## ABOUT THE DATA

On the following pages you will find information regarding:

**Turbidity (NTU)** – Turbidity is a measure of the cloudiness of the water. It is monitored because it is a good indicator of water quality and the effectiveness of the filtration and disinfectants.

**Sodium** – There is no State or Federal maximum contaminant level (MCL) for sodium. Monitoring is performed to provide information to consumers and health officials who are concerned about sodium intake due to dietary precautions. If you are on a sodium-restricted diet, you should consult a physician about the level of sodium in the water.

**Lead & Copper** – The Village continues to be in compliance with regulations for lead and copper control. (See *Lead and Copper Explanation*)

**Unregulated Contaminants** – A MCL for this 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.

In addition to the above mentioned tests, Deerfield continuously monitors and tests your water through our water control system as well as weekly physical samples. These samples are submitted to the Highland Park Water Plant, an IEPA certified laboratory for analysis. This ensures a rapid response should there ever be a problem.

## GENERAL INFORMATION

The sources of drinking water (both tap 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, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

**Pesticides and herbicides**, which may come from sources such as agriculture, urban storm water runoff and residential uses.

**Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water 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, USEPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which must provide the same protection to ensure public health. ~

## CONTAMINANTS MONITORING RESULTS

The Village of Deerfield and City of Highland Park routinely monitor for contaminants in your drinking water according to Federal and State laws.

~

**2010 WATER QUALITY DATA - JANUARY 1 - DECEMBER 31, 2010**

Containment (units)	EPA MCLG	EPA MCL	High- Level Found	Range of Detection	Violation	Date of Sample	Typical Source of Contamination
<b>Microbial Contaminants</b>							
Turbidity (<0.3 NTU)*	n/a	0.3 NTU	100%	n/a	NO	2010	Soil runoff
Turbidity (1.0 NTU)*	n/a	1 NTU	0.06 NTU	n/a	NO	2010	Soil runoff
<b>Inorganic Contaminants</b>							
Barium (ppm)*	2	2	0.02	0.02-0.02	NO	2010	Discharge from drilling wastes; metal refineries; Erosion of natural deposits.
Fluoride (ppm)*	4	4	0.96	0.96-0.96	NO	2010	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate (As N)*	10	10	0.60	0.60-0.60	NO	2010	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits.
Sodium (ppm)*	n/a	n/a	8.2	8.2-8.2	NO	2010	Erosion of naturally occurring deposits; Used as water softener.
Zinc (ppm)*	5	5	0.006	0.006-0.006	NO	2010	Naturally occurring; discharge from metal factories
<b>Disinfection / Disinfection Byproducts</b>							
Chlorine (ppm)	4	4	1.12	0.35 - 1.12	NO	2010	Water additive used to control microbes
Chloramines(ppm)	4	4	1.06	0.85 - 1.06	NO	2010	Water additive used to control microbes
Total Haloacetic Acids [HAAS] (ppb)	n/a	60	8.6	5.5-8.6	NO	2010	By product of drinking water chlorination
TTHM [Total Trihalomethanes] (ppb)	n/a	80	17.6	10.6-17.6	NO	2010	By product of drinking water chlorination

\*Reported by the City of Highland Park

**LEAD AND COPPER**


Lead MCLG	Lead Action Level (AL)	Lead 90th %-tile	# Sites Over Lead AL	Copper MCLG	Copper Action Level (AL)	Copper 90th %-tile	# Sites Over Copper AL	Likely Source of Contamination
0	15 ppb	9.51ppb	0	1.3 ppm	1.3 ppm	0.426 ppm	0	Corrosion; Erosion

**ADDITIONAL CONTAMINANTS (UNREGULATED)**

In an effort to insure the safest water possible, the State has required us to monitor some contaminants not required by Federal regulations. Of those contaminants, only the one listed below was found in your water.


Contaminants	State MCL	Your Water	Violation	Explanation
Sulfate*	500 ppm	27 ppm	NO	Erosion on natural deposits; Leaching

**SPECIAL INFORMATION AVAILABLE**

Some people may be more vulnerable to contaminants in drinking water than others. Immuno-compromised individuals, such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly persons, and infants can be particularly at risk for infections. These people should seek advice about drinking water from their health care providers. USEPA/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 Safe Drinking Water Hotline (800/426. 4791). 

## LEAD AND COPPER TESTING

The IEPA lead and copper testing program began in 1992. Due to consistent low concentration levels of lead and copper, the Village has been placed on a reduced testing cycle by the Illinois Environmental Protection Agency (IEPA) and is only required to test every three years. A round of testing consists of 30 samples. Our next round of lead and copper testing will take place in 2012. The Village of Deerfield is in full compliance with all State and Federal regulations governing the control of lead and copper within public drinking water supplies. 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 Deerfield 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 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> 

## DEFINITIONS

In the previous tables you will find many terms and abbreviations with which you may not be familiar. To help you better understand these terms, we have provided the following definitions:

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

**ppb** - parts per billion or micrograms per liter (mcg/L) – or one ounce per 7,350,000 gallons of water.

**ppt** - parts per trillion or nanograms per liter (nanograms/L) – or one ounce per 7,350,000,000 gallons of water.

**NTU - Nephelometric Turbidity Unit;** used to measure the cloudiness in drinking water.

**% < 0.3 NTU** - percent samples less than 0.3 NTU.

**Mrem/yr** - millirems per year; used to measure radiation absorbed by the body.

**pCi/l** - picocuries per liter; used to measure radioactivity.

**# pos/mo** - number of positives per month.

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

**TT - Treatment Technique** or a required process intended to reduce the level of a contaminant in drinking water.

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

**MCLG - Maximum Contaminant Level Goal** or 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.

**n/a** - not applicable. 

## LAKE MICHIGAN: OUR WATER SOURCE

The Village of Deerfield purchases all of its water from the City of Highland Park. Highland Park draws its raw water from a 54-inch intake pipe located a mile off shore in Lake Michigan at a depth of approximately 30 feet. In addition, there are two smaller pipes used as secondary intakes, which are 16 and 20 inches in diameter.

Lake Michigan, like the other Great Lakes, was formed as glaciers retreated north during the last ice age. Lake Michigan is the largest lake completely within the United States at 118 miles wide and 307 miles long. Lake Michigan averages 279 feet in depth and reaches 925 feet at its deepest point. The lake's drainage basin, which is approximately twice as large as its 22,300 square miles of surface water, includes portions of Illinois, Indiana, Michigan and Wisconsin. The Great Lakes are among the world's most valuable sources of fresh surface water. Almost half of all the liquid fresh water in the world is found in the Great Lakes. Most of the world's surface fresh water is locked away in the ice caps around the North and South Poles, which makes us appreciate the Great Lakes that much more.

All sources of drinking water, including Lake Michigan, are subject to potential contamination by items that are naturally occurring or man made. Those elements may be microbes, organic or inorganic chemicals, or radioactive materials. All 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 the water poses a health risk. Susceptibility is defined as the likelihood for the source water of a public water system to be contaminated at concentrations that would pose a concern.

# ANNUAL DRINKING WATER QUALITY REPORT VILLAGE OF DEERFIELD, ILLINOIS JUNE 2011

## WATER SOURCE CONTINUED

The Illinois EPA considers all surface sources of the 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. Hence, the reason for mandatory treatment for all surface water supplies in Illinois.

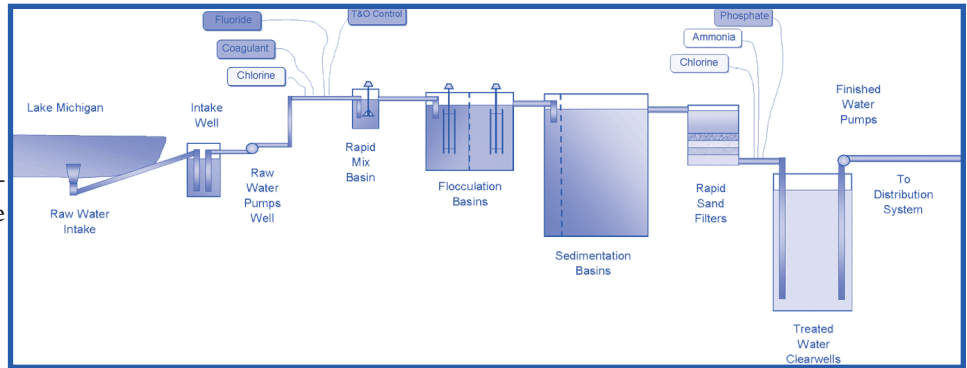
As mentioned above, Highland Park has three intake lines. The 54 inch intake pipe is normally used alone with the two smaller intakes used to augment high demand or during maintenance of the 54 inch pipe. As these are closer to the shore, they have a greater susceptibility to be influenced by potential sources of contaminants. However, regardless of which lines are used, the finished water leaving the Highland Park Water Plant always meets or exceeds all IEPA and EPA regulations.

More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800/426-4791. To access the Highland Park Water Assessment Summary, the web site is:  
[http://www.epa.state.il.us/cgi-bin/wp/swap-fact-sheets.pl?rm=show\\_facility\\_detail&facility\\_number=0970500&cws=y](http://www.epa.state.il.us/cgi-bin/wp/swap-fact-sheets.pl?rm=show_facility_detail&facility_number=0970500&cws=y)

## FACTS ABOUT DEERFIELD'S WATER SYSTEM

The Water Division of the Public Works Department is responsible for maintaining the water distribution system throughout Deerfield.

The Water Division's primary goal is



*This schematic drawing details the water purification process that Highland Park utilizes to provide clean water to all of its customers, including Deerfield.*

to provide fresh and safe potable water to all Village residents by continuously monitoring and testing the water and implementing EPA regulations. Personnel also maintain, repair and replace water mains, water services and fire hydrants as needed, upgrade and improve the distribution system, all in addition to maintaining the Village's one elevated tank, three underground reservoirs, four pumping stations and thirteen fixed pumps. This provides the Village with a storage capacity of over eight million gallons. There are over eighty miles of water distribution pipes in Deerfield, and approximately one billion gallons of water flow through the system in one year.

In 2010, the Village's water division personnel:

- Read 2261 water meters every month.
- Installed 466 new Orion meter reading systems
- Repaired 76 water main breaks.
- Tested and flushed all 1,267 fire hydrants in the system. ↻

## TOP 5 WAYS TO CONSERVE WATER

Conserving water is easy if you follow these helpful tips:

1. Test for a leaking toilet by adding food coloring to the tank. If any color appears in the bowl after 30 minutes, your toilet is leaking. Leaking toilets can waste thousands of gallons of water. Flush as soon as the

test is done, since food coloring may stain the tank.

2. Use water-conserving plumbing fixtures and water-flow restrictors on sinks and showers. Bathroom facilities typically constitute 75% of the water used in homes.

3. Run your dishwasher and washing machine only when you have a full load.

4. Take a short shower instead of a bath. A bath uses 30 to 50 gallons of water. Showers use about a gallon of water per minute, or less if a flow restrictor is installed.

5. Store drinking water in the refrigerator instead of letting the tap run every time you want a glass of cool water. ↻

*For more information related to the Village of Deerfield water systems, please contact the Water Division of the Department of Public Works at 847/317. 7245 or via email at [pw@deerfield.il.us](mailto:pw@deerfield.il.us), or visit the Village's website at [www.deerfield.il.us](http://www.deerfield.il.us).*





## PREVENT AUTO BURGLARY

While you cannot predict whether or not you will be a victim of auto burglary, there are several precautionary steps you can take to help reduce the chance.

Leave nothing of value in your car. Placing a wallet in a passenger compartment or hiding a purse under a jacket is not sufficient protection. The passenger compartment is often the first place checked, and a jacket or blanket strewn across a seat is often a tip to burglars.

Do not leave your GPS unit visible — this includes power cords. If you leave your cord out, it is a hint to criminals that you have the device. Also, it is important that you do not have your home address programmed into the GPS. If it is and your device has been stolen, the thief will know where you live.

Once your identity and credit cards are compromised you can spend months or years trying to clear your credit, so take a few moments to ensure that your vehicle is safe. If you see anyone acting suspicious (looking into cars, pulling door handles, etc.), call 911 immediately.

*For more information, please contact the Deerfield Police Department at 847/945.8636. ~*

## GOLF OUTING AND SILENT AUCTION

On May 25, 2011 the Deerfield and Bannockburn Police Departments will be hosting their second annual Golf Outing and Silent Auction at the Deerfield Golf Club, benefiting the Illinois Special Olympics and the American Cancer Society. Both charities are near and dear to their hearts; every year their goal is to increase their contributions to these worthwhile charities. They are seeking golfers as well as donations for their event. Help them hit a “hole in one” by making their goal of \$10,000 a reality!

*Registration details are available at [www.dbpdgolf.com](http://www.dbpdgolf.com) or contact Communications Director, Mary Anne Glowacz at 847/945.8636 ~*

## POLICE & FIRE COOK OFF

The first annual grill off between the Deerfield Police Department and the Deerfield Bannockburn Fire Protection District has been scheduled for June 1, 2011. The event is sponsored by our local Whole Foods. Customers will pay \$3.00 per plate with the proceeds being donated to a charity of the Department’s choosing. Customers will vote on which grilled item is better, and a local celebrity panel of judges will oversee the grilling operation. The Department that wins will not only have bragging rights but will also be treated to food trays catered by Whole Foods. ~

## LIGHTNING WARNING SYSTEM

As a result of the Deerfield Park Foundation and their meetings with various community organizations, commitments have been received to enable Thorguard Lightning Prediction Systems to be purchased and installed at each of our schools, parks and pools. The system will be operational from April through November each year and will be tested at 10 a.m. on the first Tuesday of each of these months.

As a reminder, here is some basic information about the Thorguard system:

- If atmospheric conditions are right for lighting to develop, the horns and lights will activate, indicating that individuals should seek shelter.
- One **long horn blast** means that there is a **strong risk of lightning**. The **strobe light** should also illuminate to indicate the **continuing risk** of lightning. Under both of these circumstances, all individuals should **seek shelter** in a building or vehicle.
- When **three short horn blasts** are heard and the **strobe light ceases to illuminate**, the threat of lightning has passed, but use caution if conditions continue to appear threatening.

Lightning is a severe hazard that must be viewed seriously. Stop and seek shelter **any** time you believe lightning threatens, **even if a signal has not been sounded.** ~

## 5TH ANNUAL COP ON TOP

On Friday, May 20th, 2011, Deerfield Police Officers along with a celebrity guest will spend the day on the roof of our local Dunkin’ Donuts, 499 Lake Cook Road, not on surveillance, but rather raising awareness and funds for Special Olympics Illinois. Officers will participate from 5 a.m. to 1 p.m. at the annual “Cop on Top of Dunkin’ Donuts” event in the hopes of raising \$3,000 - last year over \$2,000 was raised. Dunkin’ Donuts of Illinois will be making a corporate contribution of \$10,000 to Special Olympics Illinois for our efforts. As part of our commitment to this cause, we are also selling raffle tickets for \$10 a piece (prizes include a new Harley Davidson or 1 of 5 big screen HDTV’s) as well as Special Olympics merchandise.



## ILLINOIS TORCH RUN

Illinois Torch Run Week will be held from June 5, 2011 to June 10, 2011. This week, approximately 3,000 officers representing every branch of law enforcement across the state,

from local police officers to FBI agents, will carry the “Flame of Hope” nearly 1,500 miles, running through thousands of Illinois communities via 23 different legs (routes) to its final destination - the Opening Ceremonies of the Special Olympics Summer Games on June 10, 2011 in Normal, Illinois. The Deerfield Police Department’s leg will be Sunday June 5, 2011.

*For more information, please contact Deerfield Police Communications Director, Mary Anne Glowacz at 847/945.8636 or e-mail: [mglowacz@deerfield.il.us](mailto:mglowacz@deerfield.il.us) ~*



## VILLAGE VEHICLE STICKER REGISTRATION

The Applications for 2011 vehicle stickers will be mailed to all currently registered vehicle owners in mid-May. By July 1, stickers must be displayed on all vehicles registered or garaged in Deerfield. If you purchase your sticker by June 30, the sticker fee is \$30. After June 30, the fee includes a 50% late penalty. Seniors may purchase one sticker for \$1 per household; additional stickers are regularly priced.

Residents may purchase vehicle stickers in person at Village Hall or may return their renewal forms via mail or in the drop box located in the median just south of Village Hall on Jewett Park Drive. Remember: The deadline to display a new 2011 sticker is July 1.

*For more information, please contact the Finance Department at 847/945.5000 or visit [www.deerfield.il.us](http://www.deerfield.il.us).*

## HOUSEHOLD ELECTRONICS COLLECTIONS

In cooperation with SWALCO, the Village will sponsor four household electronics collections this year. Events are held at the Deerfield Public Works Facility 465 Elm-Street, from 9:00 a.m. - 12:00 p.m. on:

**MAY 21**

**JUNE 18**

**AUGUST 20**

**SEPTEMBER 10** (9 a.m. - 4 p.m.)

No commercial, institutional or governmental materials will be accepted.

*For lists of acceptable and unacceptable materials for recycling, please contact SWALCO at 847/336.9340 or visit [www.lakecountynil.gov/swalco](http://www.lakecountynil.gov/swalco)*

## EMERALD ASH BORER

The Emerald Ash Borer (EAB) is a metallic green beetle native to Asia. The beetle is 1/2 inch long and 1/8 inch wide. The adult emerges from the bark between the months of May and July. The females lay numerous eggs in bark crevices. The eggs hatch in about 7 to 10 days. The larvae bore into the tree and feed on the inner bark and phloem creating winding galleries. In time, this cuts off the flow of nutrients and waters, causing visible signs of stress.



### SIGNS OF EAB

Some of the possible infestation indications are: top die back, suckers on the trunk (base) of the tree, vertical splits in the bark and 1/8 inch "D" shaped emergence holes.

Emerald Ash Borers only attack ash trees. The insect poses no threat to people. The borer will attack healthy trees and can be very difficult to detect. There are some treatment options available, although neither the United States Department of Agriculture nor the Illinois Department of Agriculture currently recommend these pesticidal treatments. The treatments can be costly and have not been highly successful. Ash trees generally die within 1 to 3 years after infection. Ash trees are identified by their compound leaves with small, glossy green leaflets which grow in opposite pairs.



### CONFIRMED INFESTATION

The Illinois Department of Agriculture confirmed a case within the Village of Deerfield on March 10, 2011. The Village Forester and Public Works Department are working closely with the Illinois Department of Agriculture to detect and try to contain this pest.

The Public Works Department prepared an EAB readiness plan in anticipation of the arrival of Emerald Ash Borer. In order to better manage this problem, the Village is conducting an inventory of parkway trees to assemble a picture of the overall health and maintenance needs of the Village's ash trees. This inventory will pinpoint where the public ash trees are located and identify potential planting spaces and species diversity weaknesses. Any parkway ash trees exhibiting signs of EAB will be removed and chipped per Illinois Department of Agriculture guidelines.

Although the Village is taking steps to deal with the issue on public trees, there are 3 to 5 times as many ash trees located on private property, and homeowners will have to make some decisions regarding their ash trees.

If you suspect your tree has EAB, please take some digital photos of the tree and close-ups of the symptoms you see and email them with your contact information to [agr.eab@illinois.gov](mailto:agr.eab@illinois.gov)

*Additional resources are available from the Village website or [www.IllinoisEAB.com](http://www.IllinoisEAB.com) or [www.emeraldashborer.info](http://www.emeraldashborer.info)*



## FARMERS MARKET

The Deerfield Farmers Market's 17th season begins June 18th and continues every Saturday through October 15th, from 7:00 a.m. to 12:30 p.m., rain or shine. The market offers the finest locally grown fruits, vegetables, and specialty items such as freshly baked breads and cookies, fabulous flowers, tasty maple syrup and honey, salsas, and a variety of hand-crafted cheeses.



Visit the Village of Deerfield website at [www.deerfield.il.us](http://www.deerfield.il.us) to see Farmers Market updates. ☞

## WHEN SPRING IS IN THE AIR, SO IS POLLEN

The trees, grass, and flowers are coming back to life and releasing large amounts of pollen from February to September of each year.



Here are some ways you can reduce your allergy symptoms:

- Stay indoors when pollen counts are high and on windy days when pollen and dust are blown about.
- Use air conditioning and a dehumidifier to clean, cool, and dry air.
- Shower or bathe and change clothes following outdoor activities to remove pollen and fungal spores from your hair, skin and clothing.
- Don't hang clothes outside to dry.
- Wear a mask when doing yard work to filter out pollen particles and mold spores.

From the Knox County Air Quality Management Division. ☞

## UPCOMING EVENTS @ PTC

For a complete listing of programs or to register to be member, please contact the Patty Turner Center (PTC) at 847/940.4010 or visit [www.pattyturnercenter.org](http://www.pattyturnercenter.org).



- May 2**, Great Decisions and "Sixty Minutes" ~ Harry Houdini
- May 4**, "Working" Trip
- May 6**, Cinco de Mayo Lunch & Entertainment
- May 9**, Performance of "The Raining Season"
- May 10**, Cholesterol Screening
- May 11**, ACES ~ Caregiver Support Group
- May 12**, Defeating Diabetes presented by CJESeniorLife
- May 13**, Wine & Cheese Party ~ sponsored by White Hall
- May 16**, Great Decisions
- May 19**, Arthritis - A Pain/ sponsored by Abington of Glenview
- May 20**, Book-a-Month ~ Summer in Tuscany
- May 27**, Historical Society Dinner
- June 2**, Long Term Care Presentation
- June 3**, Fabulous Friday Flicks ~ Young Mr. Lincoln
- June 8**, U of C Area Tour with Bill Hinchliff
- June 13**, "Sixty Minutes" ~ Truman Capote ~ The Story Behind Capote & In Cold Blood
- June 22**, ACES ~ Caregiver Support Group
- June 27**, "Sixty Minutes" ~ The True Story of the Bridge on the River Kwai

## SHIP

Volunteers are available free of charge to help interpret and resolve problems with medical bills, Medicare Supplemental Insurance and appeals. ☞

## LENDING CLOSET

The Patty Turner Center lends on a short term basis, wheelchairs, walkers, canes, bath benches, commodes, grabber sticks, etc. ☞

## SENIOR CAR PROGRAM

The Patty Turner Center offers a drop off/pick-up service for older adults in Deerfield, Lincolnshire, Bannockburn and Riverwoods. The service is available on a reservation only, first come/first served basis. ☞

## CHESS TOURNAMENT GRADES K-8

Bring your chess skills and a chess set to the Deerfield Park District's 3rd annual Deerfield Scholastic K-8 Grade Open Chess Championships on May 15, 2011, beginning at 9:30 a.m. In a round-robin tournament, participants will compete once with every player in their section/grade. The Tournament takes place in the Oak Room at Jewett Park Community Center, 836 Jewett Park Drive, in Deerfield. A fee of \$15 needs to be paid with advanced registration, by 5:00 p.m., on Thursday, May 12. Registration is accepted online at [www.deerfieldparks.org](http://www.deerfieldparks.org) or through Deerfield Park District's traditional registration methods. The registration Activity Code Number for this chess tournament is #352501 - Section 07.

For more information about the tournament or chess classes through the Deerfield Park District, please call 847/945.0650 or email [info@deerfieldparks.org](mailto:info@deerfieldparks.org) ☞

## JOINT GOLF OUTING

Deerfield District 109 Education Foundation & Deerfield Park Foundation invite you to the 11th annual Park & Education Golf Outing. This event takes place Wednesday, June 22, 2011 at the Deerfield Golf Club, 1201 Saunders Road, in Riverwoods. Check in is at 11:00 a.m. Features include:

- 18-holes with carts (GPS & automatic scoring)
- Lunch, beverages, after golf appetizers & desserts
- Practice range use 1-hour prior to event with FREE PGA Pro Clinic
- Prizes for longest drive & closest to the pin
- \$1,000,000 hole shot, team prizes, raffles & auctions

Register online at [www.deerfieldgolf.org/foundation](http://www.deerfieldgolf.org/foundation) by June 1, and receive a special reduced rate.

For more information, please call Deerfield Park District at 847/945.0650 or Dr. Renee Goier, School District 109 at 847/945.1844 ☞



D-Tales  
850 Waukegan Road  
Deerfield, Illinois 60015

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### LAST PAGE



#### SAVE THE DATE! DEERFIELD FAMILY DAYS 2011 JULY 3 & 4



##### JULY 3- BRICKYARDS PARK:

Fireworks, Balloons, Food for Sale & Live Entertainment!  
The Park will open at 5:00 p.m.

##### JULY 4 - JEWETT PARK:

All-day (8:00 a.m. - 3:00 p.m.) activities including: Pancake  
Breakfast, Dog Show, Arts & Crafts Fair, Parade, 10K Run, Bike Parade, Flower Show,  
Games & Rides!

**QUESTIONS?:** Contact Barb Reich, Family Days Co-Chair, at 847/945.1955 or John  
Coughenour, Family Days Co-Chair, at 847/366.7554 ☞

#### Village Officials:

##### Mayor:

**Harriet E. Rosenthal** - 847/945.3545  
Email: harrietrose@comcast.net

##### Trustees:

**Robert L. Benton** - 847/945.1570  
Email: bobbenton@prodigy.net

**Alan L. Farkas** - 847/374.9592  
Email: alfafoxtrot1@gmail.com

**Thomas L. Jester** - 847/945.6489  
Email: tapjester@yahoo.com

**Mary Meirose Oppenheim** - 847/997.9423  
Email: mmoart@comcast.net

**William S. Seiden** - 847/945.2442  
Email: wss5@comcast.net

**Barbara J. Struthers** - 847/940.0917  
Email: bjstruthers@bjsltd.net

##### Village Manager:

**Kent S. Street** - 847/719.7400  
Email: kstreet@deerfield.il.us

##### Village Hall/Police Department

850 Waukegan Road  
Deerfield, Illinois 60015  
847/945.5000 (Switchboard and Finance)  
847/719.7484 (Community Development)  
847/945.8636 (Police non-emergency)

##### Public Works and Engineering

465 Elm Street  
847/317.7245  
847/317.2490 (Engineering)

### 2011 YARD WASTE COLLECTION

The cost of landscape waste stickers is \$2.50 each. Stickers may be purchased at Village Hall. Residents north of Deerfield Road will have yard waste collected on Tuesdays; those south of Deerfield Road will be collected on Wednesdays. Yard waste must be placed in a 30-gallon paper bag and placed at the curb with a sticker affixed for collection. A sticker is also required for each bundle of brush, not exceeding 4 feet in length, 30 inches in circumference and 50 pounds in weight. Collection runs through December.

*Questions regarding refuse collection may be addressed to the Finance Department at 847/945.5000. ☞*

### 50/50 PARKWAY TREE PROGRAM

The Village will again offer residents a program that encourages the planting of parkway trees. The 50/50 Parkway Tree Program divides the cost of new parkway trees evenly between the Village and individual homeowners. Orders are taken during the summer months, and the trees are usually planted in mid-October. All trees are balled in burlap, guaranteed for one year and planted by public works personnel in the Village right-of-way. Once planted, residents are asked to water the tree to help ensure its survival.

*If you are interested in participating in this program, please contact the Public Works Department at 847/317.7245 ☞*