



Village of Bloomingdale

# Almanac

SPECIAL EDITION

Spring 2001

## *In this issue . . . .*

*Once again, we are bringing you a special edition of the Village Almanac with some timely news for spring and early summer. Also included is our report on water quality which you will find on pages 10-15. Please keep this edition handy as a reference for branch pick-up dates, building permit information, garage sale requirements, and more.*

### Engineering Division

## Summer 2001 Road Construction: Where It's Happening, What to Expect

### Reconstruction

This project includes removal and replacement of the existing asphalt pavement including curbs and gutters, and road base. All work is funded 100% by the Village.

Circle Avenue (between Schick Road and the Park District)

Edgewater Drive (between Royce Drive and Glen Ellyn Road)

### Pavement Overlay

Overlay maintenance consists of pavement patching, curb and gutter repairs to correct drainage deficiencies, storm sewer repairs and a new asphalt road surface.

Springfield Drive (between Schick Road and Army Trail Road)

Wellington (between Needham and Warwick)

Greenfield Drive

Needham Drive

Essex Court

Warwick Drive

Radcliffe Court

Scarborough Court

West Windsor Drive

North Manchester Lane

North Bristol Drive

Bristol Court

North Windsor Circle

Chatham Court

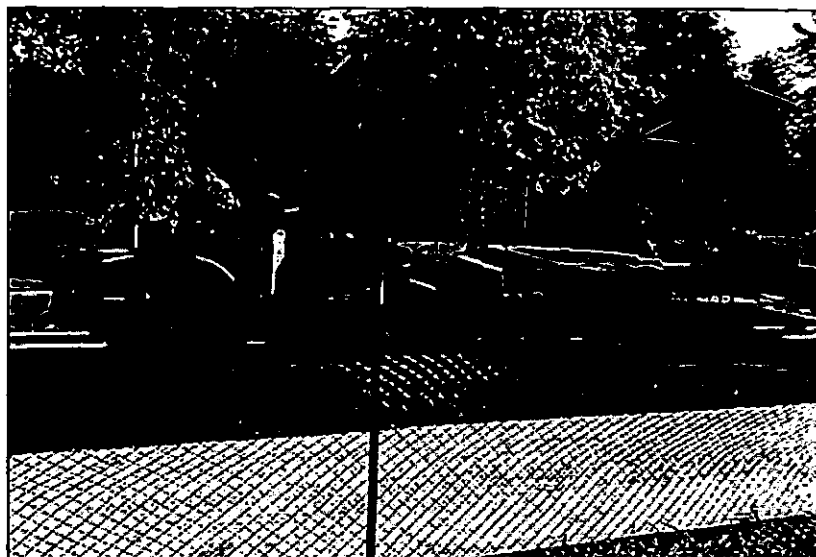
Duxbury Court

Hillandale Drive

Leslie Lane

Rosedale Court

*(continued on page 3)*

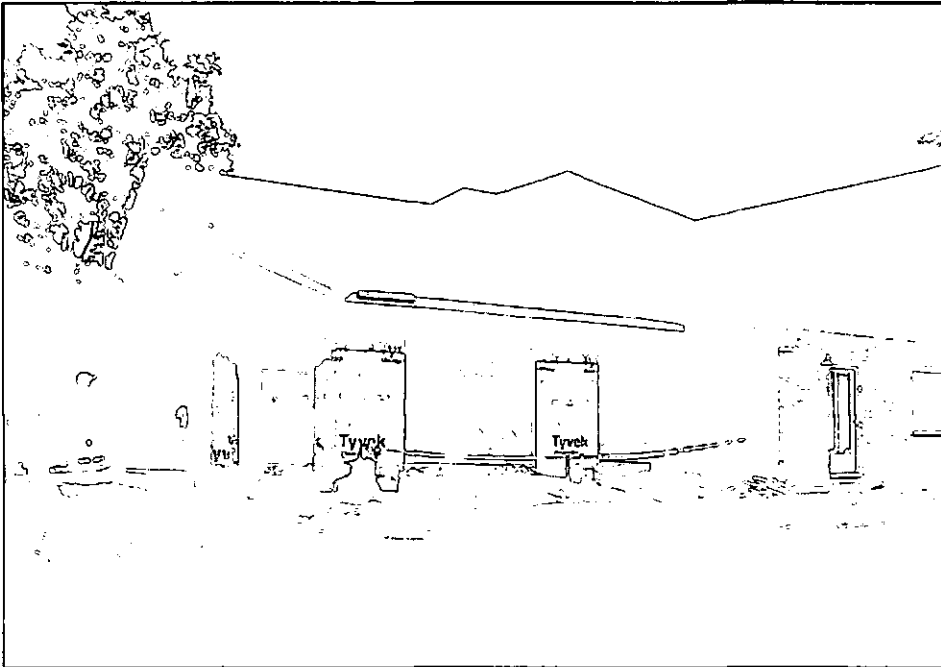


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## Building & Zoning Division Do I Need a Building Permit?

Village residents who are planning to build or install an accessory use or structure, such as a swimming pool, fireplace, patio, deck, gazebo, fence, shed, room addition, attached/detached garage, or central air conditioning unit, should contact the Village Services - Building and Zoning Division before starting the project. The Building and Zoning Division is staffed with certified/trained personnel who will be able to determine the various codes, requirements and permits involved with the construction of your individual project.

Many times, residents are unaware that their projects may cause drainage problems for themselves and their neighbors; that the accessory use or structure is located in a public easement; that ordinances may prohibit certain types of projects; or that the accessory is encroaching upon a neighbor's property. In addition, for some projects, the Building and Zoning Division will make sure that the design plans include the proper construction materials for your safety and, during construction, will conduct an inspection(s) to verify permit compliance.



The Building and Zoning Division has prepared informational packets which outline the basic requirements for a number of accessory uses and structures. Although these packets provide the basic requirements, each project is unique and residents should consult with the Building and Zoning Division before starting the project. Packets are available for the more common projects such as fences, decks, gazebos, sheds, swimming pools, patios, room additions, attached/detached garages, re-roofing, fireplaces and residential central air conditioning units. These information packets are free of charge.

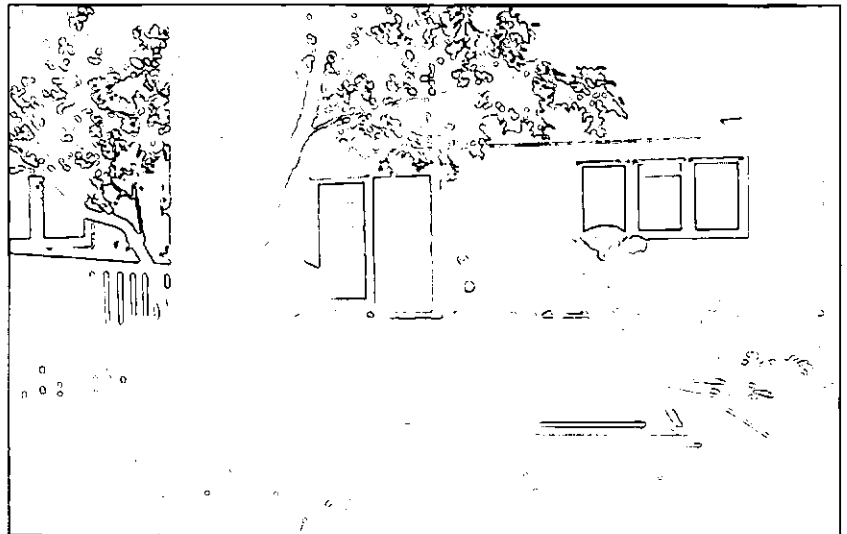
For more information, you can come into the Village Hall and speak with someone from the Building and Zoning Division or you may call 671-5660.

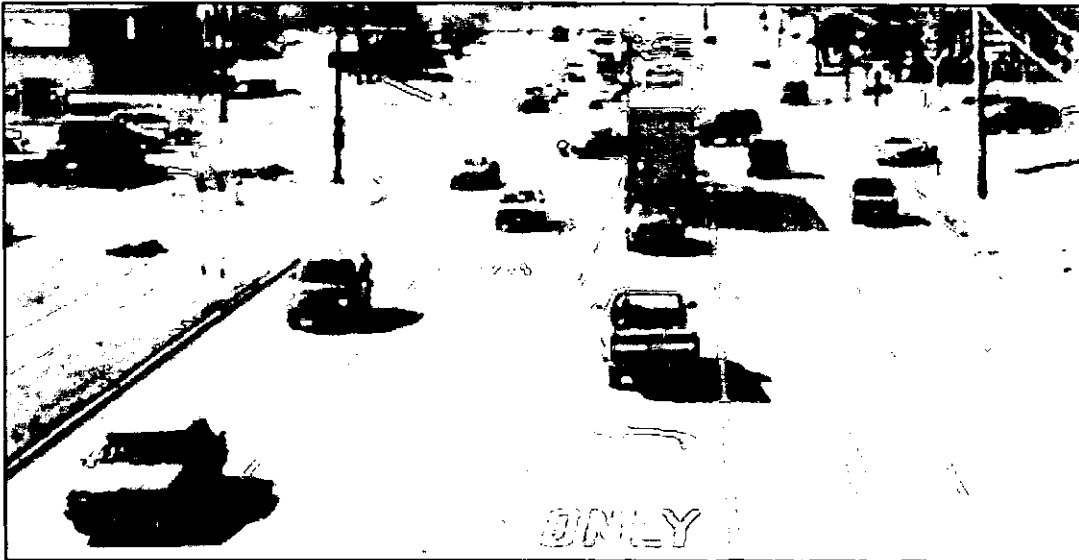
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## Before You Begin Digging for That New Deck, Fence or Room Addition . . .

**Before you begin any project ... Please call J.U.L.I.E. at 1-800-892-0123 before you dig.**

In 1992, the Village was required to become a member of the J.U.L.I.E. System. This is a one-call system that notifies utility companies of a party's intent to excavate properties. As a member we are required to locate our underground utilities within 48 hours of initial notification. We process approximately 3,600 locate requests per year.

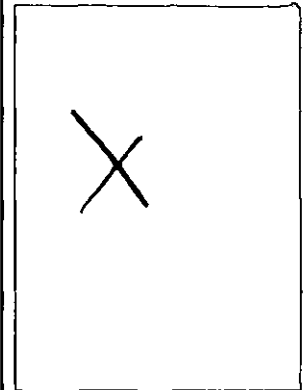




*The Army Trail Road widening project has begun. At this time, IDOT has switched all lanes of traffic to the north side of Army Trail Road, while work begins on the south side. A more detailed update of the project will appear in the June Almanac. Pictured above: intersection of Army Trail Road & Gary Avenue - looking west.*

## Village Services Division Phone Numbers

Administration	671-5690
Building & Zoning	671-5660
Engineering Division	671-5676
Forestry Division	671-5803
Public Works Maintenance Division/Streets	671-5800
Utilities Division/Water Production/Water Distribution	671-5830
Wastewater Treatment Plant	671-5850



## Summer 2001 Road Construction

*(continued from page 1)*

Schick Road (between Jackson and Bloomingdale Road)

This work will begin in early June and will take approximately 4 months to complete. During construction, these streets will be closed to through traffic. If you live in the construction zone, or on one of the adjacent streets you will be permitted to proceed past the barricades to reach your residence.

Motorists are advised to use alternate routes around the construction zone to avoid delays. Local detour signage consisting of "Road Construction Ahead" signs will be posted prior to construction.

If you have any questions regarding this project you may call the Village Services Department, Engineering Division, 671-5676.



*East end of Ironwood Drive and Glen Ellyn Road.*

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## Forestry Division

# Parkway Tree Maintenance

For any and all work by a resident or resident's contractor on a parkway tree, a permit is required by Ordinance No. 95-61, An Ordinance Regulating the Planting, Maintenance and Removal of Trees on Public Areas.

### PLEASE NOTE -

Installing planter walls around parkway trees is work which requires a permit. The Village discourages the installation of planter walls around parkway trees because the parkway is Village property and the typical installation of a small diameter ring filled with soil is injurious to the tree. For those residents who have installed planter walls without permits, approval can be obtained by contacting Larry M. Slavicek, Village Forester, at 671-5803. The Village will be notifying residents of a violation when unacceptable planters are encountered.

The Village has a comprehensive, systematic pruning schedule which ensures each tree is trimmed every five years. Contract tree pruning occurs during February through April. In-house trimming can occur any time during the year. If a resident believes a parkway tree requires pruning, please contact the Forestry Division at 671-5800.

## Branch Collection Program

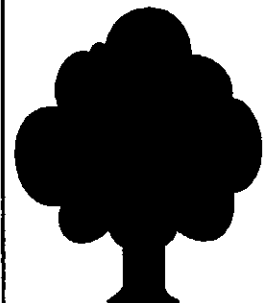
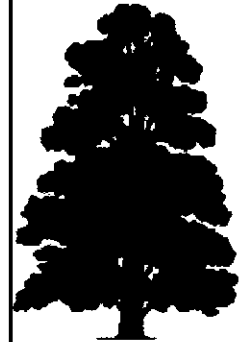
Residents' branches will again be collected three times this year, once during spring, summer and fall. The spring pick-up has been completed and the summer pick-up will take place during July. A detailed schedule for each pick-up will appear in the *Almanac* issue preceding the pickup. (See the summer schedule on page 7 in this issue). Large branches downed by storms will also be picked up. Small branches and twigs downed during storms should be bagged for BFI pick-up. For storm damage pick-up, please contact Helen Price at 671-5800 **within 72 hours of storm for scheduling.**

The branch collection program is available to single family detached residences within the Village of Bloomingdale only. If residents of townhomes have questions regarding branch collection, please contact your association.

## Wood Mulch -- Free for the Taking!

The Village has woodchips mulch available at Public Works, 305 Glen Ellyn Road, for those who wish to come and pick it up. Pick-up can be done from 7 a.m. to 4 p.m. - Monday through Friday.

Early summer is an advantageous time to mulch as the mulch will moderate the effects of the summer's sun and heat on the soil and plant roots.



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### What to Know About Grass & Weed Ordinance

Summer is here and the grass is growing! In order to keep our community looking its best, the Village of Bloomingdale does require that lawns be mowed. The Village is inspecting to ensure compliance with the weed ordinance. Please ensure your grass is kept cut under the maximum height of ten inches. Other violations include the growth of noxious and exotic weeds. Thank you for your cooperation on this matter! For more information please contact the Building & Zoning Division at 671-5660.

## **Maintenance Positions Village Offers Seasonal Employment Opportunities**

The Village of Bloomingdale is seeking individuals to fill seasonal positions in the Public Works Maintenance & Utilities Divisions. The positions work 40 hours per week doing miscellaneous work. Applicants must have a valid Illinois driver's license.

Applications may be obtained at the Village Hall, 201 S. Bloomingdale Road, from 8:30 AM-4:30 PM Monday through Friday.

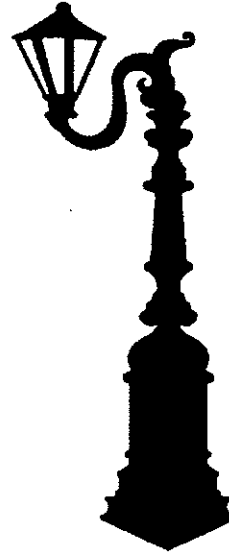
For information, call 671-5692.

## **Street Light or Traffic Signal Out?**

If you notice a streetlight or traffic signal that is malfunctioning, please call Village Services immediately at 671-5690.

If you notice a street or traffic sign that is damaged, please call Public Works Maintenance - Streets at 671-5800.

After hours or on weekends or holidays, call the Police Department at 529-9868.



## **Planning a Garage Sale???**

A couple things to remember:

There is no cost or permit necessary to hold a garage or yard sale, however, the person conducting the sale must notify the police department of the sale prior to the start of the sale.

No more than 3 rummage or garage sales may be held on the same premises in any calendar year. Each may not be more than 3 consecutive days and can only take place between the hours of 9 a.m. and 6 p.m.

There are also requirements relative to garage sale signs, including size and placement restrictions. For more information, contact the Police Department at 529-9868.

## **Building & Zoning Division**

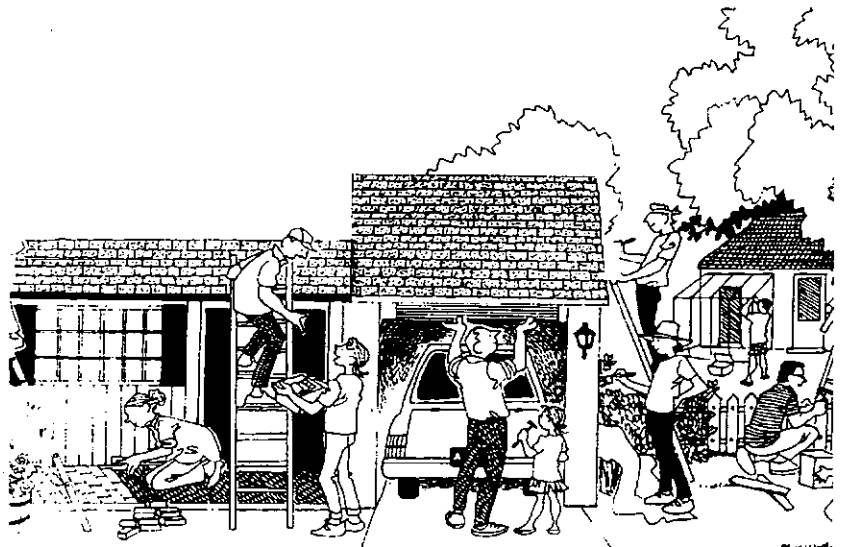
# **Village-Wide Property Maintenance Program Designed to Keep Bloomingdale Looking Its Best**

Starting in Spring, the Village of Bloomingdale implements a property maintenance inspection to protect the integrity, safety and aesthetic image of the community. Village code enforcement personnel will be performing exterior property maintenance inspections throughout the Village. If violations are found, the property owner will be sent a letter requesting compliance within a reasonable amount of time, based upon the severity of the violation. Please take a few minutes to examine your property for potential violations.

Common property maintenance violations include :

- Grass/Plant growth exceeding ten [10] inches in height.
- Accumulation of trash and debris on the premises.
- Garbage cans left in the front yard.
- Vehicles parked in yards on unimproved surfaces [grass].
- Inoperable vehicles parked on the premises.
- Conditions of your home's exterior including, but not limited to, building paint or stain finishes, roofing and rain gutter systems, property drainage, etc.
- House address numbers that are not clearly visible from the street.

The Village wishes to thank all of those who have already made improvements to their property and looks forward to working with residents to continue to improve the appearance and maintain the property values within the community. The Village continues to receive compliments on the overall appearance of the community. Both residential and commercial properties will be inspected as part of this program. Should you have any questions or comments regarding this program, please contact the Village Services Department - Building and Zoning Division at 671-5660.



Forestry Division  
**BRANCH COLLECTION PROGRAM**

The Bloomingdale Public Works' Forestry Division will be conducting its Summer Branch Collection Program beginning on July 2, 2001. Large branches downed by storms will also be picked up. Small branches and twigs downed during storms should be bagged for BFI pick-up. For storm damage pick-up, please contact Helen Price at 671-5800 **within 72 hours of storm for scheduling.**

The branch collection program is available to single family detached residences within the Village of Bloomingdale only. If residents of townhomes have questions regarding branch collection, please contact your association.

The following information shall assist residents regarding branch collection procedures:

◦ Branches must be out **NO LATER THAN 7 A.M. ON THE DAY PICK-UP IS TO BEGIN** for the section as our crew will be making only one pass down each block and will not return.

◦ Woody branches up to six inches in diameter and up to twenty feet in length are the only items that will be picked up. Long lengths, up to twenty feet, are favored. Do not reduce the length for our benefit. Any branches exceeding six inches in trunk diameter will not be picked up. Our chipper is designed to chip woody limbs and branches. The equipment will not grind small twigs, vines or other non-woody yard waste. **LEAVES, VINES,**

**WOODEN FENCE AND CONSTRUCTION LUMBER ALSO WILL NOT BE PICKED UP.**

**SMALL (under 1/2 inch in diameter) FLEXIBLE WILLOW STEMS, HERBACEOUS PLANTS AND WEEDS WILL NOT BE PICKED UP BECAUSE THE SOFT MATERIAL CLOGS AND DAMAGES OUR EQUIPMENT. IF IT IS BAGGABLE, IT IS YARD WASTE.**

◦ All branches should be placed at the curb or pavement edge and should be **STACKED IN AN ORDERLY FASHION** with the cut or larger end towards the pavement. In areas with very narrow parkways, branches can be stacked on the front yard side of sidewalk or parallel to the street with all cut ends on one end of the stack. Small branches may be bundled with string. **PLEASE NOTE - branches left out in a tangled mess will not be picked up** due to time required for our crew to sort for loading.

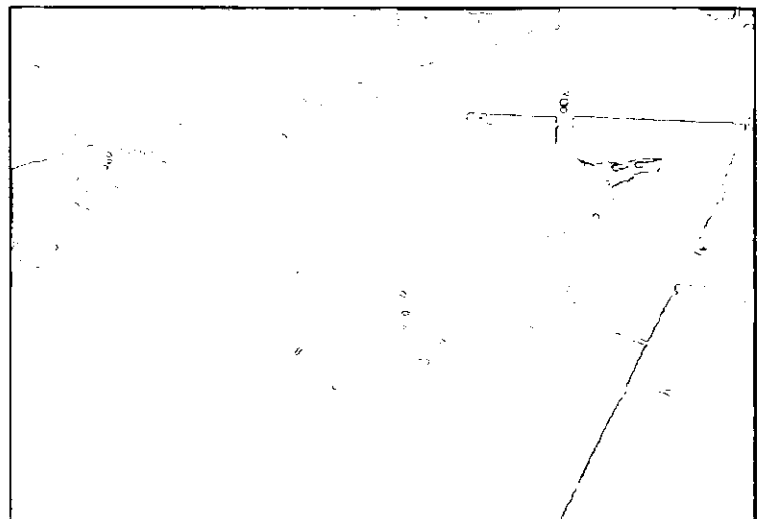
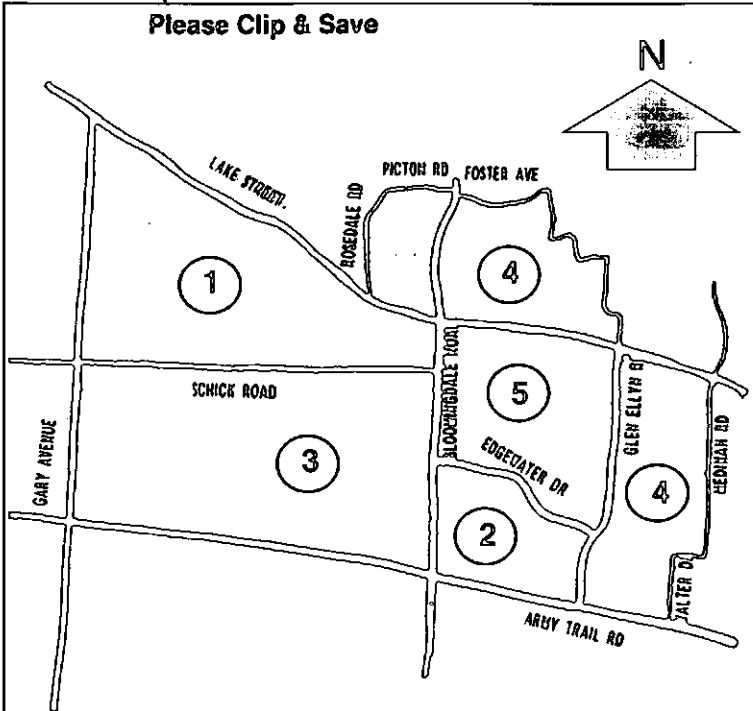
◦ Branches with spikes, hooks or other metal objects will not be picked up. **STUMPS, ROOTS, ROOT BALLS, WOODEN FENCE AND CONSTRUCTION LUMBER ALSO WILL NOT BE PICKED UP.**

◦ Please do not conceal thorny tree branches inside piles. These require special care as to not cause injuries to our workers.

◦ Small twigs, leaves and other yard waste may be placed in bags with tags for B.F.I. pick-up. B.F.I. yard waste pick-ups begin April 1st and continue through November 30th. Questions concerning B.F.I. yard waste pick-ups should be directed to 847-429-7370.

Your cooperation is greatly appreciated and will ensure a successful program. For further information, please call Helen Price at 671-5800.

*See facing page for pickup schedule.*



# Summer 2001 Branch Pickup Schedule Schedule

## SECTION ONE:

Pick-up begins July 2, 2001

Area bounded by Schick Road on the south, Gary Avenue/Cloverdale Road on the west, Lake Street on the north, and Bloomingdale Road on the east.

## SECTION TWO:

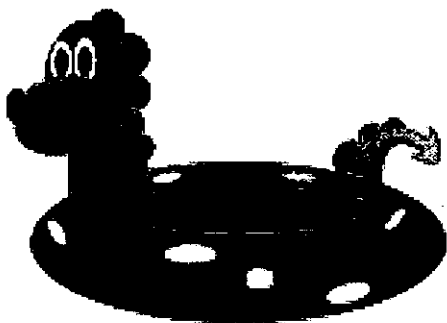
Pick-up begins July 9, 2001

Area bounded by Army Trail Road on the south, Bloomingdale Road on the west, Edgewater Drive on the north, and Glen Ellyn Road on the east.

## Utilities Division

### Check That Calendar Before You Turn on the Sprinkler!

The Village is required by our Lake Michigan Water allocation to have a water conservation ordinance. The Village's Water Conservation and Control Ordinance is in effect each year between May and September. This ordinance limits use of automatic sprinkling devices and encourages conservation. The ordinance allows single-family residential use of automatic sprinklers for **ODD numbered addresses on Monday, Wednesday, and Saturday from 5:00 A.M. to 9:00 A.M. or 5:00 P.M. to 9:00 P.M.** Single family residences with **EVEN numbered addresses, commercial, governmental, industrial, and office buildings are allowed on Tuesday, Thursday, and Sunday during the same time periods.** Use of any automatic sprinkling device on Friday is not permitted.



## SECTION THREE:

Pick-up begins July 16, 2001

Area bounded by Army Trail Road on the south, Old Gary Avenue on the west, Schick Road on the north, and Bloomingdale Road on the east.

## SECTION FOUR:

Pick-up begins July 23, 2001

Two areas with the first bounded by Army Trail Road on the south, Glen Ellyn Road on the west, Lake Street on the north and Medinah Road/Walter Road on the east. The second area is bounded by Lake Street on the south, Rosedale Avenue on the west, Picton Road/Foster Avenue on the north, and Medinah Road on the east.

## SECTION FIVE:

Pick-up begins July 30, 2001

Area bounded by Edgewater Drive on the south, Bloomingdale Road on the west, Lake Street on the north, and Glen Ellyn Road on the east.

Clip this schedule for summer

## Street Division

### Cracked or Deteriorating Sidewalk In Front of Your House?

The sidewalk maintenance program provides inspection, evaluation, and replacement services to approximately 182 square miles of public sidewalks. If you have a trip hazard concern by your home, call 671-5800 so our staff can come out to take a look.

Sidewalks with severe structural defects, vertical displacement, settling above 1/4 inch, or joint deterioration (more than 1/2 inch) will be considered for prompt inclusion in the replacement program. Public sidewalks meeting these criteria become candidates for replacement.

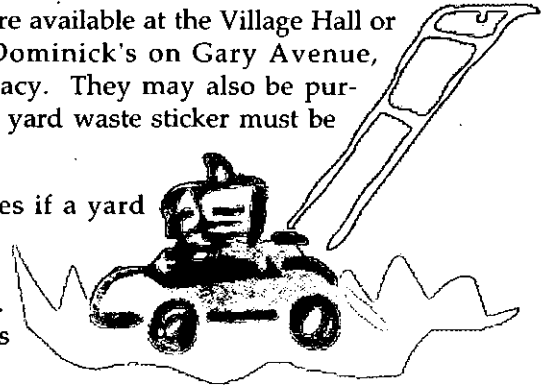


## Yard Waste Season is Now Underway

Browning Ferris picks up yard waste (grass clippings, leaves, brush trimmings and tree trimmings) from April 1 through November 30. Yard waste is to be placed curbside in either 33 gallon or less containers or in biodegradable paper bags. Yard waste stickers must be applied regardless of the method used.

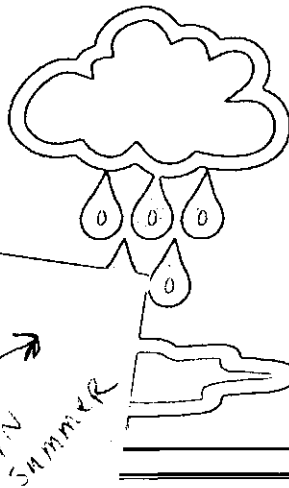
Yard waste stickers are \$1.29 each and are available at the Village Hall or at the following local businesses: Dominick's on Gary Avenue, Jewel/Osco, and Bloomingdale Pharmacy. They may also be purchased directly from BFI. Remember, a yard waste sticker must be applied to each container or bag used.

BFI will also pick up bundled branches if a yard waste sticker is affixed to each bundle. Bundles should be no longer than four (4) feet and weigh less than 50 pounds. Branches may not exceed three (3) inches in diameter.



Did you know . . .

The Village contracts street sweeping services. Streets with curb and gutter are cleaned periodically May through November.



### Engineering Division

## Does It Flood When it Rains? Village Drainage Improvement Program Can Help!

The Village of Bloomingdale offers a Local Drainage Improvement Program to minimize drainage problems affecting public health and safety. These drainage problems include ditch drainage, storm sewers, pavement right-of-way, and rear yard/side yard drainage. For further information, please contact the Engineering Division at 671-5676.

### Attention Rental Property Owners: We're Updating Our Water & Sewer Database

The Village is updating its water and sewer database regarding owner information on residential and commercial rental properties. Once this information is in our database, we will be able to send a copy of your rental property's utility bill to you. This may be able to assist you in managing your rental property. Also, the owner information may be used to contact owners about other utility bill-related matters and building and zoning issues. Tenants or owners of residential and commercial rental properties are requested to contact the Village to verify or update owner information. Please contact the Water Billing department by calling 671-5650. The name of the owner, owner mailing address, water service address and owner telephone number will be requested when you call in.

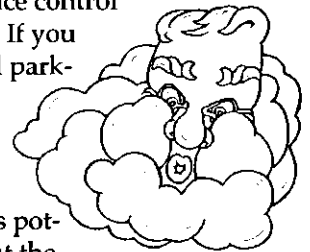
Thank you for taking the time to help the Village serve you better.

### Street Division

## Was the Winter Hard on Your Street Or Parkway?

Public Works Maintenance Streets restores damaged parkways resulting from snow and ice control vehicle damage. If you have a damaged parkway, please call 671-5800

Public Works inspects and fills pot-holes throughout the year. If you notice a location needing repair call 671-5800.



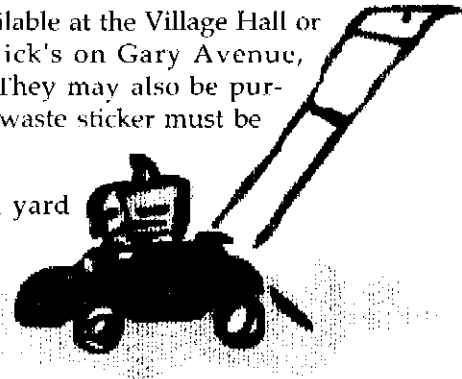


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# TORNADO

Although tornadoes can occur at any time of the year, the main part of the tornado season in Illinois is from mid-March through June. The most violent tornadoes are capable of tremendous destruction with wind speeds in excess of 250 mph. Damage paths can be in excess of one mile wide and 50 miles long.

According to Paul Joseph of the Wisconsin Weather Team, the key to tornado safety is quick action. You need to go to the lowest part of a strong building away from all windows and outside walls. At home, the basement offers the best protection. Try to get under the stairwell or a sturdy table if the tornado is close to your home.

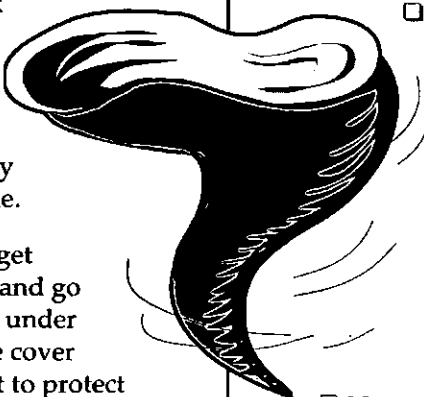
If your home doesn't have a basement, get away from outside walls and windows and go to the lowest possible floor. Take cover under heavy furniture; and whenever possible cover yourself with a rug, mattress, or blanket to protect yourself from flying debris.

Studies have shown that opening a window if a tornado is close does not improve your safety but does increase the possibility that you will be injured by flying glass. Stay away from all windows whenever tornadoes become a possibility.

To learn more about the possible hazards following a tornado, visit the fire department website at [www.bloomingtonfire.com](http://www.bloomingtonfire.com) or contact the fire department at 894-9080.

Leave the windows alone: instead, immediately go to a safe place.

The U.S. Fire Administration and the Bloomington Fire Protection District #1 encourage you to use the following safety tips to help protect yourself, your family, and your home from the potential threat of fire during or after a tornado. You can greatly reduce your chances of becoming a fire casualty by being able to identify potential hazards.



- Leaking natural gas lines, damaged or leaking propane containers, and leaking vehicle gasoline tanks may explode or ignite.
- Pools of water and even appliances can be electrically charged.
- Alternative heating devices used incorrectly create fire hazards. Make certain that you keep combustibles at least three feet away.
  - Do not use the kitchen oven to heat the house. In addition to being a fire hazard, it can give off toxic fumes.
  - Assume all wires on the ground are electrically charged. This includes cable TV wires.
  - Smell and listen for leaky natural gas connections. If you believe there is a gas leak, immediately leave the house and leave doors open. Before turning the the gas back on, have the system checked by a professional.
  - Never strike a match. Any size flame can cause an explosion.
- Follow the manufacturer's instructions and guidelines when using generators. Use the generator or other fuel-powered machine outside the home. CO fumes are odorless and can quickly overcome you indoors. Never connect generators to another power source such as power lines.
- Appliances that give off smoke or sparks should be replaced or repaired.
- Have a licensed electrician check your home for damage following the storm if there is any doubt.
- Some smoke detectors may be dependent on your home's electrical service and could be inoperative during a power outage. Check to see if your smoke detector uses a back-up battery and replace it at least once a year. If you have only detectors powered by electricity, you might consider purchasing a battery-powered detector.

By being aware of some of the hazards you might face following a tornado, you should be able to minimize your chances of injury and possibly death. Should you have any questions, contact the Bloomington Fire Department at 894-9080.

# Water Quality Report 2001

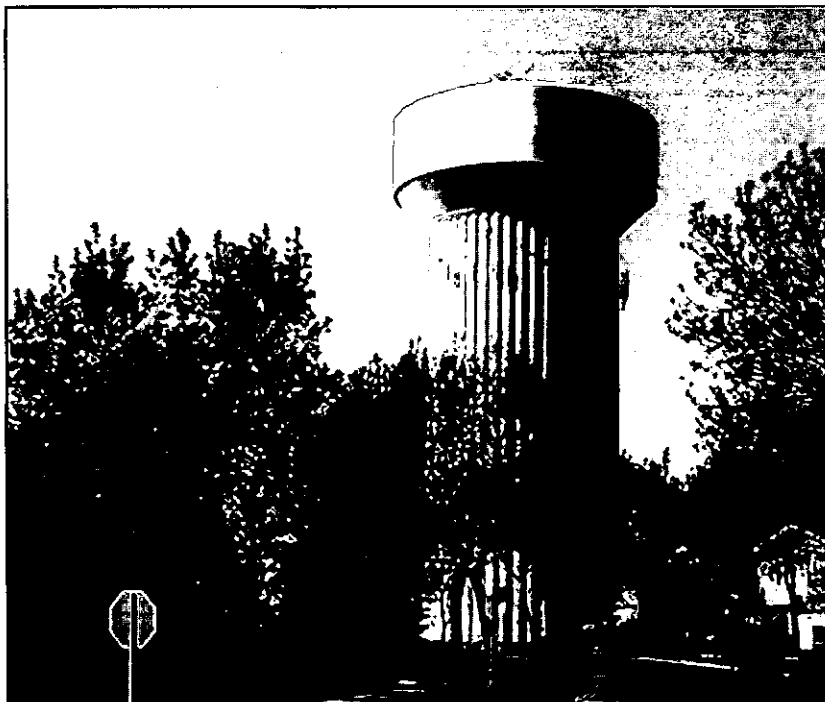
*Keeping you informed about water quality in your community*

## About this report ...

The Village of Bloomingdale Village Services Department wants each of you as consumers to be aware of our actions to insure that the water we provide is safe for you and your family. The Village of Bloomingdale currently meets or exceeds all water quality standards set by the United States and Illinois Environmental Protection Agencies. These agencies developed the Safe Drinking Water Act (SDWA) that sets standards for water quality and monitors compliance. **We are able and happy to report that there has been no violation of a contaminant level or any other water quality standard during the period beginning January 1, 2000 and ending December 31, 2000.**

If you have any questions about this report or concerning your water supply, please contact Robert Maguire, Utilities Superintendent, at 671-5830. Information contained in this report is also available on the Village of Bloomingdale website ([www.vil.bloomington.il.us](http://www.vil.bloomington.il.us)) on the Village Services link. You can also e-mail your comments about the report to [VILLAGE.BLOOMINGDALE@worldnet.att.net](mailto:VILLAGE.BLOOMINGDALE@worldnet.att.net)

**Michael D. Marchi P.E.,**  
Director of Village Services



*Winston Avenue water tower*

## Source Water Information

(Source water information was provided to the Village by the City of Chicago)

Lake Michigan is the sole source of water used to provide drinking water to the Village of Bloomingdale. The Village has three groundwater wells on inactive standby status that would be used only on an emergency basis where the Lake Michigan water source was not available. These wells are pumped to waste and bacteriological samples are collected to insure their water quality is suitable for use. **The Village of Bloomingdale receives Lake Michigan source water from the Dupage Water Commission.** This surface water supply is treated by the City of Chicago, sold to the Dupage Water Commission, and then purchased by the Village for use by the residents, businesses and visitors using water from the water supply.

The Environmental Protection Agency (EPA) has found the quality of Lake Michigan has improved dramatically over the past twenty years. Lake Michigan, by volume, is the second largest Great Lake and the only one located totally within the United States. It serves as a source of water for the City of Chicago and 188 suburban communities. It is also used for swimming and fishing, and as a scenic wonderland. Sources for both tap water and bottled water can pick up contaminants as water travels over the surface of the land and through the ground. The drinking water source is vulnerable to industrial waste and runoff from surrounding lands. Potential sources of pollution such as pesticides, herbicides, radioactive materials, and organic and inorganic petroleum and gas production by-products can impact the source water.

The City of Chicago does not have any indications of the presence of these contaminants at this time, mainly because of restrictions that prohibit industrial effluents from entering Lake Michigan. Sewage treatment plant effluents are not discharged into the lake, thereby reducing the threat of microbial contamination. All sixty-three miles of shoreline within Illinois are now considered to be in good condition. The Illinois EPA Office

## **Source Water (cont'd)**

of Groundwater will be doing source water assessments throughout the state in the next few years. When the assessment is completed for Lake Michigan, all sources of pollutants into the watershed will be identified and information on the source water susceptibility to contaminants will be provided in future water quality reports.

Possible contaminants consist of:

- ***Microbial contaminants***; such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural, and livestock operations;
- ***Inorganic Compounds***; such as salts and metals, which may be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming;
- ***Pesticides and herbicides***; which may come from a variety of sources such as agricultural, 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 may also come from gas stations, urban stormwater runoff and septic systems;
- ***Radioactive contaminants***; which may be naturally occurring or be the result of gas and oil production and mining activities.

## **2000 Source Water Assessment Summary**

Our community water supply purchases water from another water supply. The following information relates to that supply's source water.

As of the date of this report, this summary has not been completed. The Illinois EPA must complete all source water assessments by May 2003. As this assessment becomes available our supply will summarize the results and incorporate the information into this report as required.

Further information on our community water supply's source water assessment is available on the USGS website at <http://il.water.usgs.gov> or by calling the Groundwater Section of the Illinois EPA at 217-785-4787.

Since the quality of the raw water source is good, conventional treatment methods of disinfection, coagulation and sedimentation, and sand filtration are adequate in producing a water that is free of harmful contaminants. **The use of chlorine for disinfection is an important part of water treatment. The City of Chicago adds chlorine during the treatment process. Levels in the Bloomingdale water supply range between 0.3 ppm and 1.0 ppm (.30 - 1.0 mg/l).** Fluoride is also added by the City of Chicago to promote strong teeth and to meet guidelines on this treatment technique. A question that comes up on occasion is regarding the hardness of our water. Lake Michigan source water is typically around 8 grains per gallon (137 mg/l) and generally remains relatively constant.

Another concern that is frequently observed is regarding water taste and odors. These tastes and odors are associated with organic matter produced by decaying vegetation (typically algae) in Lake Michigan in late summer when water temperatures are higher. The City of Chicago is informed of these water quality complaints, and the number of complaints are used as a tool in developing treatment techniques to reduce taste and odor problems when they occur. We encourage you to call if you have taste and odor problems so this information can be directed to the City of Chicago.

## **Voluntary Testing**

The City of Chicago Water Department also monitors for contaminants that are proposed to be regulated or for which no standards currently exist but could provide useful information in assessing the quality of the source water.

## **Cryptosporidium**

Analyses for this contaminant have been conducted monthly on the source water since April 1993. Cryptosporidium has not been detected in these samples. Treatment processes have been optimized to ensure that if there are cryptosporidium cysts in the source water, they will be removed during the treatment process.

## Asbestos

Samples are examined for asbestos fibers on a routine basis. The EPA has determined that asbestos fibers greater than 10 microns in length could potentially cause lung cancer. Chicago does not find fibers that are in this size category.

## Taste and Odor Compounds

MIB and Geosmin are monitored in both the source water and finished water. These analyses assist the plant personnel in determining the effectiveness of the treatment process as they strive to reduce these compounds and provide a drinking water without detectable tastes and odors.

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. More information about contaminants and their potential health risks can be obtained by calling the USEPA's Safe Drinking Water Hotline at 1-800-426-4791. Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, such as those 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 & Center for Disease Control 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 at (1-800-426-4791).

The following tables represent the results of sampling for various contaminants by both the Village of Bloomingdale and by the City of Chicago. Each table reflects the sample results covering the period January 1st, 2000 through December 31st, 2000. The tables for the Village results are marked **Village of Bloomingdale** and the results from the City of Chicago are marked **Chicago**. The definitions will help you understand how much of each contaminant was detected.

## 2000 Water Quality Data

### Definitions:

MCLG:	Maximum Contaminant Level Goal, or the level of contaminant in drinking water below which there is no known or expected risk to health.
MCL:	Maximum Contaminant Level, or the highest level of contaminant that is allowed in drinking water.
AL:	Action Level, or the concentration of a contaminant that, when exceeded, triggers treatment or other requirements a water system must follow.
TT:	Treatment Technique or a required process intended to reduce the level of a contaminant in drinking water.

### Abbreviations:

nd:	not detectable at testing limits
n/a:	not applicable
ppm:	parts per million (also = to mg/l or milligrams per liter)
ppb:	part per billion (also = to ug/l or micrograms per liter)
ppt:	parts per trillion
NTU:	Nephelometric Turbidity Unit, used to measure cloudiness of drinking water. (Example) %<0.5 NTU=Percent samples less than 0.5 NTU.
MF/l:	Million Fibers per liter, used to measure asbestos concentration.
mrem/y:	millirems per year, used to measure radiation absorbed by the body.
PCi/l:	Picocuries per liter, used to measure radioactivity.
# pos/mo:	number of positive samples per month
%pos/mo:	percent positive samples per month

## Detected Contaminants

In most cases, the "Level Found" column represents an average of sample result data collected during the Water Quality Report (WQR) calendar year beginning January 1, 2000 through December 31, 2000. The "Range of Detections" column represents a range of individual sample results, from the lowest to the highest that were collected during the WQR calendar year. If a date appears in the "Date of Sample" column, the Illinois EPA requires monitoring for this contaminant less than once a year because the concentrations do not frequently change. If no date appears in the column, monitoring for that contaminant was conducted during the WQR calendar year.

### City Of Chicago Sample Results

Contaminant	MCLG	MCL	Level found	Range of detections	Violation	Date of Sample	Typical Source of Contaminant
TURBIDITY (% < 0.5 NTU)	n/a	TT	100.00	100.00 - 100.00			Soil runoff
TURBIDITY (NTU)	n/a	TT = 5NTU max	0.200	n/a			Soil runoff

### Inorganic Contaminants - City of Chicago Results

Contaminant	MCLG	MCL	Level found	Range of detections	Violation	Date of Sample	Typical Source of Contaminant
Barium (ppm)	2 ppm	2 ppm	0.019 ppm	0.019 - 0.019 ppm			Discharge from drilling wastes; Discharge from metal refineries. Erosion of natural deposits
Copper (ppm)	1.3 ppm	AL= 1.3 ppm	0.022 ppm	0.exceeding AL			Corrosion of household plumbing systems; erosion of natural deposits. Leaching from wood preservatives
Lead (ppb)	0	AL= 15ppb	7 ppb	0 exceeding AL			Corrosion of household plumbing systems; erosion of natural deposits
Nitrate (as Nitrogen) (ppm)	10 ppm	10 ppm	0.400 ppm	0.400 - 0.400 ppm			Runoff from fertilizer use. Leaching from septic tanks, sewage. Erosion of natural deposits.
Nitrate & Nitrite (ppm)	10 ppm	10 ppm	0.400 ppm	0.400 - 0.400 ppm			Runoff from fertilizer use. Leaching from septic tanks, sewage. Erosion from natural deposits.

### Inorganic Contaminants - Village of Bloomingdale Results

Contaminant	MCLG	MCL	Level found	Range of detections	Violation	Date of Sample	Typical Source of Contaminant
Copper (ppm)	1.3 ppm	AL = 1.3 ppm	0.100 ppm	0 exceeding AL		9/30/99	Corrosion of household plumbing systems. Erosion of natural deposits. Leaching from wood preservatives.
Lead (ppb)	0 ppb	AL = 15 ppb	5 ppb	0 exceeding AL		9/30/99	Corrosion of household plumbing systems. Erosion of natural deposits.

### **Disinfection/Disinfectant By-Products – Village of Bloomingdale Results**

<b>Contaminant</b>	<b>MCLG</b>	<b>MCL</b>	<b>Level found</b>	<b>Range of detections</b>	<b>Violation</b>	<b>Date of Sample</b>	<b>Typical Source of Contaminant</b>
<b>TTHM's (Total Trihalomethanes (ppb))</b>	n/a	100 ppb	24.00 ppb	19.00 – 34.00 ppb			By-product of drinking water chlorination

### **Unregulated Contaminants – City of Chicago Results**

<b>Contaminant</b>	<b>MCLG</b>	<b>MCL</b>	<b>Level found</b>	<b>Range of detections</b>	<b>Violation</b>	<b>Date of Sample</b>	<b>Typical Source of Contaminant</b>
<b>SULFATE (ppm)</b>	n/a	n/a	32.40 ppb	30.800 – 32.400 ppm			Erosion of naturally occurring deposits

### **Unregulated Contaminants – Village of Bloomingdale Results**

<b>Contaminant</b>	<b>MCLG</b>	<b>MCL</b>	<b>Level found</b>	<b>Range of detections</b>	<b>Violation</b>	<b>Date of Sample</b>	<b>Typical Source of Contaminant</b>
<b>BROMODICHLORO-METHANE (ppb)</b>	n/a	n/a	7.50 ppb	6.000- 9.000 ppb			By product of drinking water chlorination
<b>CHLOROFORM (ppb)</b>	n/a	n/a	12.75 ppb	8.00 – 21.00 ppb			Used as a solvent for fats, oils, rubber, resins; A cleansing agent; Found in fire extinguishers
<b>DIBROMOCHLORO-METHANE (ppb)</b>	n/a	n/a	3.750 ppb	3.00 – 4.00 ppb			Used as a chemical reagent; An immediate in organic synthesis

### **State Regulated Contaminants – City of Chicago Results**

<b>Contaminant</b>	<b>MCLG</b>	<b>MCL</b>	<b>Level found</b>	<b>Range of detections</b>	<b>Violation</b>	<b>Date of Sample</b>	<b>Typical Source of Contaminant</b>
<b>FLUORIDE (ppm)</b>	n/a	n/a	1.040 ppm	1.040- - 1.040 ppm			Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
<b>SODIUM (ppm)</b>	n/a	n/a	7.4 ppm	6.70 – 7.40 ppm			Erosion of naturally occurring deposits. Used as a water softener

### **State Regulated Contaminants – Village of Bloomingdale**

The Village of Bloomingdale is not required to sample any State Regulated Contaminants.

# Water Quality Data Table Footnotes

## Village of Bloomingdale

### 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.

## City of Chicago

### TURBIDITY

Turbidity is a measure of the cloudiness of water. Chicago monitors it because it is a good indicator of water quality and the effectiveness of their filtration 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.

### SODIUM

There is not a state or federal MCL for sodium. **The Village of Bloomingdale is not required to monitor for this contaminant, but the City of Chicago is.** Monitoring is required to provide information to consumers and health officials that are concerned about sodium intake due to dietary precautions. If the level is greater than 20 ppm, and you are on sodium restricted diet, you should consult your physician.

### FLUORIDE

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

## Violation Summary Table

### Violations for City of Chicago Source Water

No violations were recorded for their facility during this Water Quality Report period.

### Violations for Village of Bloomingdale Purchased Water Supply

No violations were recorded for this facility during this Water Quality Report period.

We hope you find this information helpful. Additional contaminants have been tested for but were not detected in the source water and therefore are not required by IEPA to be contained in this report. Further information on these contaminants can be received upon request. It is our goal to keep you aware of what we are doing to insure that our water quality meets all regulations under the Safe Drinking Water Act. Starting in 1999 we have provided a report on water quality each year with updated sampling results. If you have any questions please contact Kevin O'Dea, Water Production Supervisor, at 671-5834 between 7:00 a.m. and 3:30 p.m., Monday through Friday and we will be happy to answer questions regarding this report or any other issue relating to water quality. Thank you for your interest! This information is also on the Village's Website, [www.vil.bloomington.il.us](http://www.vil.bloomington.il.us) on the Village Services link.



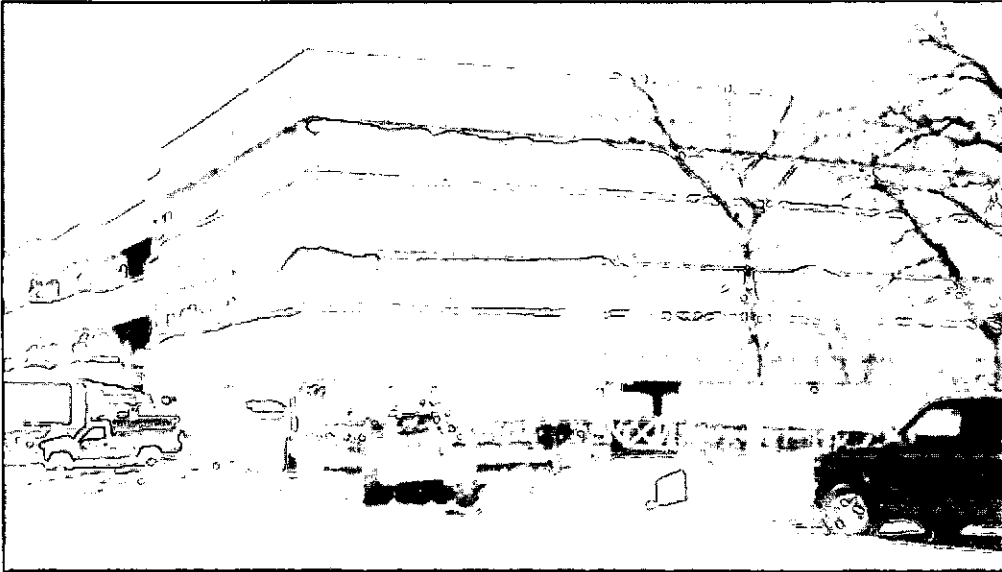


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## Look What's New . . .



*Residents are always interested in what is under construction within the Village. Following are photos and descriptions of two projects currently underway. Watch the regular June issue of the Almanac to learn about some more pending development.*

Construction is underway on the 72,000 square-foot Bridgewater/Firestone corporate headquarters (above), located in Hamilton Woods, a 13-acre office park situated on the former Adventureland property (northwest corner of Lake Street and Medinah Road).

The Eastgate Subdivision (below) is currently under construction by Dartmoor Homes at the southwest corner of Lake Street and Medinah Road. Ninety-seven custom homes are slated to be built in this 45-acre parcel.

