

# OAKWOOD

## City and School Scene



A Joint Publication Provided by the City of Oakwood and Oakwood Public Schools

June/July 2005

City

School

### Beautification Awards

If you know of someone in your neighborhood who has enhanced the beauty of our community by planting shrubs, flowers, trees and other landscaping, or by making significant architectural modifications or improvements to existing structures, there is an opportunity to recognize their efforts through the Oakwood Beautification Award Program.

To nominate a property, please obtain forms from the City Building, the Oakwood Community Center, on the city's website at [www.mvcc.net/oakwood](http://www.mvcc.net/oakwood) or by simply calling the city offices at 298-0411. Awards are given during the months of May, June, July, August and September. Monthly winners are selected by citizen members of the Property Maintenance Board and Environmental Committee, and will have a sign recognizing their beautification efforts posted in their yard.

### 2005 Curb, Walk and Apron Project

The 2005 concrete curb, sidewalk and driveway apron repair project will start in June and continue through the summer. Residents who received notices are reminded that June 24 is the deadline to complete the required repairs (don't forget the permit). After that date, the city will include the work under a city contract and will assess costs as explained in the notice. Please call Bart Bornhorst at 298-0777 with questions.

### OHS 2004–2005 Year In Review

#### English Department

The English Department continued to develop rigorous quarter content courses. Three new course offerings were developed this year. *Humor in Literature* includes works from Aristophanes, Amis, O'Henry, Nash, Parker and others. *Journalism* provides students opportunities to read and analyze articles from current publications and broadcasts and to write columns, editorials, newscasts, feature and sports stories, including effective headlines and captions. *Summer Reading Independent Study* provides students with the opportunity to read five selections and keep reading journals of reflections to share during lunchtime discussion groups in the fall.

We continue to strongly support the Oakwood Writing to Learn Project, designed to improve student learning through writing. Students visiting the Oakwood Writing Center build strong writing skills, receive staff and peer feedback, develop effective writing strategies, and become more confident writers.

#### Fine Arts Department

The east wall of the stairway in the new wing of the high school will soon become the home of a large mural portraying the images of sound. Students in Ms. Kaye Carlile's Advanced Art classes created the large collage of torn paper and conte crayon under the guidance of guest artist and musician, Michael Bashaw, and artist, Marsha Pippenger. Mr. Bashaw and Ms. Pippenger are associated with The Tech Machine, the Muse Machine's outreach program that seeks to connect science, technology, math, and the performing arts. Joining the

(continued on page 5)

#### City Council

Judy Cook, Mayor  
Carlo C. McGinnis, Vice-Mayor  
William D. Duncan  
Roger C. Blumensheid  
Stanley Castleman

#### Administration

Norbert S. Klopsch, City Manager  
Jay A. Weiskircher, Deputy City Mgr.  
Glen Beddies, Public Safety Director  
Brad Beachdell, Finance Director  
Carol D. Collins, Leisure Services Dir.  
Kevin W. Weaver Eng./Pub. Works Dir.  
Dalma C. Grandjean, City Attorney  
Dr. Mary Pryor, Health Commissioner

#### Board of Education

Beth L. Merritt, President  
Paul M. Vanderburgh, Ed.D., V.P.  
Debra S. Hershey  
Thomas A. Mays  
Kevin S. Philo, Treasurer  
James K. Uphoff, Ed.D.

#### Administration

Mary Jo Scalzo, Superintendent  
Kimberly Kappler, Dir. of Curriculum  
Kathy Johnson, Dir. of Educational Svs.  
Joe Boyle, Senior High Principal  
John Kronour, Junior High Principal  
Mark Hughes, Athletic Director  
Nance Bradds, Smith Principal  
Gretchen Loper, Harman Principal

## Mark Your Calendars

### June/July Regular City Council Meetings:

- June 27, 7:30 P.M.
- July 11, 7:30 P.M.

All meetings are held at 30 Park Avenue and are open to the public. In lieu of attending, you can view the regular council meetings on your local cable channel (please check cable guide). The pre-council work session for each meeting begins at 5:00 P.M.

**Holiday Closing: Monday, July 4, 2005.** City offices, including the Public Works Center and the Community/Health/Teen Center will be closed.

## Keep Oakwood Clean

From time to time, residents contact city offices to discuss ongoing problems with pets, specifically owners not cleaning up after their animals. Please respect your neighbors. Don't allow your pet to use your neighbor's property and tree lawns as a "dumping ground." If you walk your pets, please be prepared to clean up their mess. Many residents do so by carrying "pooper scoopers," plastic bags or other clean-up devices. Thanks for your help.

## Safety Department Information

The City maintains and enforces an ordinance section that specifically addresses animal problems. The most widely used ordinance is title "Pets at Large." This ordinance is sometimes mistakenly thought of as a "dog at large" law, however it does pertain to a variety of pets. Cat owners often violate the "At Large" law not knowing that felines are covered by the ordinance. The "At Large" ordinance specifically states: "The owner or keeper of every pet at all times shall keep such pet confined upon the premises of such owner or keeper except as set forth below" (the ordinance then allows exemptions for seeing eye dogs in the performance of their duty, pets on sidewalks and streets if they are under reasonable control of the owner or keeper, and for pets on other person's property if the owner of said property has consented to the pet being there).

If you have a pet and allow it to run at large, you are subject to a citation. The current fine for a first offense is \$84, second offense \$104, a third offense results in a mandatory court appearance.

## Oakwood Community Center

**Family Late Night Swim:** Sunday nights from 6:00 – 9:00 P.M. For members and their families only on June 19, July 31 and August 21.

**Swim Lesson Registration for Group Lessons:** Registration will be held at the OCC on Wednesday, June 15 beginning at 7:00 P.M.

**Oakwood Dolphins Swim Team:** Swim team begins on Monday, June 13. The season runs through July 24. Any Gardner Pool member 18 and under may register to be on this team.

## Smith Gardens Blanket Concert Series Schedule

The Friends of Smith Gardens and the City of Oakwood are pleased to announce the 2005 Blanket Concert Series.

**Sunday, June 26–Madcap Puppets.** Back this year by popular demand a family favorite, the Madcap Puppets. This year the enchanting world of these life size puppets present, "Pocketful of Puppets." Mark your calendars. This is always a real crowd pleaser!

**Sunday, July 17–Chazz.** This eclectic mix of song styles features Tom Scheidt, Kimberly G, and fifteen-year old guitar wonder Reece Lincoln. Enjoy tunes from Muddy Waters, Bonnie Raitt, Harry Bellefonte, Diana Krall, Stevie Ray Vaughn, Jimmy Buffet, Sade, and Bob Marley. Then top it off with bagpipes and good old rock 'n' roll.

**Sunday, August 28–The Fries.** The Fries are an acoustic trio that specialize in three part harmonies in every song, featuring Crosby, Stills, and Nash, Beatles, America, Jimmy Buffet and the Eagles to name a few. Join us for this local favorite.

All concerts begin at 7:00 P.M. Rain location is the Oakwood Community Center, 105 Patterson Road. Information concerning inclement weather will be announced on the Leisure Line, 297-2935 after 6:00 P.M. on show days. Smith Gardens is located in the 800 block of Oakwood Avenue on the corner of Walnut Lane. Parking is available on side streets or the municipal lot off of Park Avenue. The concerts are free and open to the public.

**2005 Street Repair Program**

The 2005 street work will take place on the following sections of roadway.

**Asphalt Mill and Overlay (Repaving)**

- Thornhill Road
- Hillview Avenue
- Hadley Road (Delaine to Shroyer)
- Fairmont Avenue (Oak Knoll to Alpine)

**Asphalt Rejuvenation (Surface Treatment)**

- Deep Hollow Road (Oak Knoll to cul-de-sac)
- Harman Terrace
- Irving Field parking lot
- Delaine (Acorn to Greenmount)
- Shroyer Road

Fairmont Avenue will be reconstructed between Dorothy Lane and Oak Knoll Drive adding curb on both sides of the street. Work will take place in the fall. Residents affected by the projects will receive additional notification prior to the start of work. Please call Bart Bornhorst, Engineering Technician, at 298-0777 if you have any questions.

**Public Works Needs Your Help**

The Public Works Department asks all citizens to remember the following rules regarding our yard debris pickup service:

Please try your best to coordinate placement of brush and branches with our collection schedule noted on the map below which shows that we collect the entire city every two weeks.

Please remember that all brush/branch items are to be trimmed to lengths that are no greater than 6 feet and placed off the roadway, just behind the curb. The material must never be placed in the street. The only exception to this is leaves during the fall leaf pickup program.

The refuse foreman is currently in the process of placing door hangers on properties with material in the street to aid in the education process. Please refer to Page 5 of the refuse regulations handbook for the steps the city is taking to keep material from being improperly placed in the roadway.

Small quantities of twigs or branches no longer than 3 feet should be bundled and placed with the regular household refuse, or clipped into small pieces and placed in garbage cans with the regular trash.

Remember that the city does not pick up grass clippings or brush and branch material generated by contractors.

**Motor Vehicle Registration Tax**

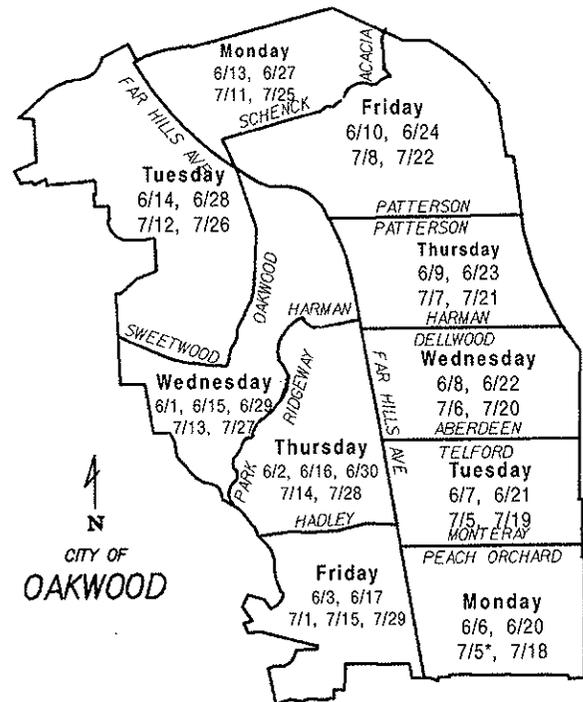
Please remember to report your place of residence as **Oakwood**, Montgomery County, Ohio, when filling out your Motor Vehicle License Plate application. By listing **Oakwood**, you make sure the city receives its rightful share of motor vehicle registration fees and gasoline taxes.

**2005 Water Report**

Enclosed with this newsletter is the 2005 Consumer Confidence Report for the city's public water system. This report was prepared in accordance with federal regulations under the Safe Drinking Water Act. It includes detailed information about our city water system. As the report shows, the city provides high quality water for its residents and businesses and operates the public water system in compliance with all state and federal rules.

**Fourth of July Trash Pickup**

Please note that trash pickup for all routes the week of July 4th will be picked up one day later than usual. Monday's route will be picked up Tuesday; Tuesday's route will be picked up Wednesday; Wednesday's route will be picked up Thursday and Thursday's route will be picked up Friday.



\* Holiday Pickup

The following two roads are scheduled as follows:  
 Far Hills Avenue: 6/2, 6/16, 6/30, 7/14, 7/28  
 Shroyer Road: 6/9, 6/23, 7/7, 7/28

## Recycling Services

Under the City of Oakwood's program, all recyclables may be commingled in a single can, or multiple cans if needed. These cans need to have recycling stickers on them which are available at 30 Park Avenue and 210 Shafor Blvd. and they need to follow the same guidelines as the refuse cans—35 gallons or less and less than 60 pounds. In the recycling can, you may place glass; plastics with the 1 and 2 designations in the triangle on the bottom; aluminum, steel, and bi-metal cans; newspaper; cardboard; paperboard (like cereal boxes); junk mail; magazines; and phone books (small quantities only please due to weight— phone books may also be placed in the cardboard containers at the Creager Field parking lot).

The web site link below provides the Montgomery County Solid Waste District's guidance on what may and may not be recycled. The City of Oakwood uses refuse trucks which have separate compartments for the garbage and recyclables. These materials are dumped in separate areas at the Montgomery County Transfer Station. Waste Management then picks up our recyclables and transports them to their sorting facility where they are processed.

[http://www.mcswd.org/Community/SWD\\_Dropoffs/cans\\_paper\\_page1.htm](http://www.mcswd.org/Community/SWD_Dropoffs/cans_paper_page1.htm)

## Story Hour At Smith Gardens

The OCC, in conjunction with the Wright Memorial Library, is pleased to present another fun season of "Story Hour at Smith Gardens". Spend a magical morning in the Gardens as the Children's Librarian, Jennifer Cunningham, reads enchanting stories to your preschooler. Friday dates: June 24, July 22 and August 26 at 10 a.m. In case of rain, meet in the Garden House.

## Storm Water Program

During 2005, the city of Oakwood will be undertaking numerous steps to comply with our EPA storm water permit. These activities include the following:

1. Dry weather screening of manholes to locate illicit connections
2. Mapping all outfalls of the storm sewer system
3. Education of residents
4. Adopting ordinances to require sediment and erosion controls on construction sites larger than 1 acre
5. Street sweeping
6. Staff education on storm water impacts

The overall goal of this program is to improve the quality of the water in our rivers, lakes and streams by limiting pollutants that are released into these receiving waters.

There are several ways that citizens can aid this effort:

1. Do not place any material in the street except leaves during the 10-week collection period in the fall
2. Do not dump oil, lawn debris, or other materials into the storm water—this is a direct path to your streams and there is no treatment of this water
3. limit as much as possible the use of fertilizers, pesticides, and herbicides
4. clean up after your pets in the yard as the bacteria in the waste is very harmful to the streams. The Miami Conservancy District (MCD) has many educational materials available if you would like additional information. These can be found at:

<http://miamiconservancy.org/phaseII/Resources.htm>

## Teen Summer Reading Club

Wright Memorial Public Library is once again sponsoring a summer reading program for students entering grades 6 through 12 in the fall. This year's teen program is called "Joust Read." Registration begins June 11 at [www.wrightlibrary.org](http://www.wrightlibrary.org) or in Teen Scene (lower level at the library).

Drawings will be held for weekly prizes. Teens will be eligible for grand prizes by reading and rating books, volunteering to help at the library, or by attending teen events.



## CITY OF OAKWOOD 2005 Oakwood Water Quality Report



The purpose of this report is to educate the citizens and business owners in the city about their water system and to convey to the community a sense of confidence in the safe production, treatment and distribution of this invaluable natural resource.

The City of Oakwood owns and operates a public municipal water system which serves the residents and businesses throughout the community. The system is comprised of eight production wells, three water treatment plants, 44 miles of underground water lines, 339 fire hydrants and a 1.5 million gallon water tower. The Director of Engineering and Public Works oversees the operation of the public water system. The Water Plant Superintendent is charged with the day-to-day operation of the system. The city's system produced 99.93% of the total city water demand in 2004. The additional water needed was supplied from the City of Dayton Water System.

**As the following information shows, the City of Oakwood's water system provides the residents and businesses with high quality water, which meets or exceeds all state and federal safe drinking water regulations.**

### Water Source

The City of Oakwood water system is supplied by groundwater pumped from its own eight production wells, which draw water from tributary aquifers flowing towards the Greater Miami Buried Valley Aquifer. From time to time, Oakwood buys water from the City of Dayton. The aquifer that supplies drinking water to the City of Oakwood has a moderate susceptibility to contamination, due to the sensitivity of the aquifer in which the drinking water well is located and the existence of several potential contaminant sources within the protection zone. This does not mean that this wellfield will become contaminated, only that conditions are such that the ground water could be impacted by potential contaminant sources. Future contamination may be avoided by implementing protective measures. More detailed information may be available in the City of Oakwood's wellhead/drinking water source protection plan and susceptibility analysis, which can be obtained by calling the Director of Engineering and Public Works at 937-298-0777. The City of Dayton water is pumped directly from the Greater Miami Buried Valley Aquifer. During 1992 - 95, a source-water assessment was completed for the City of Oakwood. For more information call the Director of Engineering and Public Works at 937-298-0777. Also, see page iii, Water Quality Report from the City of Dayton for further information regarding the Dayton water.

### Additional Health Information

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- (A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- (B) 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.
- (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- (D) 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.
- (E) Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the Environmental Protection Agency (EPA) prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA and Centers 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).

### Concerning Lead in Our Water

Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and/or habitually flush your tap for 30 seconds to 2 minutes before using tap water. Again, additional information is available from the Safe Drinking Water Hotline (800-426-4791).

**Professional Associations -- The City of Oakwood has employees who are members of:**

•American Water Works Association (AWWA)

•Water Environment Federation (WEF)

Find out more about the City of Oakwood on the internet at: [www.mvcc.net/oakwood](http://www.mvcc.net/oakwood)

**Water Quality Table**

Inorganic Contaminants	Date Tested	Units	MCLG	MCL	Detected Level	Range	Sources of Contaminants
Copper <sup>1</sup>	07/30/04 - 08/12/04	ppm	1.3	AL=1.3	0.275	ND – 0.305	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
Fluoride <sup>2</sup>	08/14/03	ppm	4	4	0.21	0.19 – 0.21	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Lead <sup>3</sup>	07/30/04 – 08/12/04	ppb	0	AL=15	9.0	ND – 35.9	Corrosion of household plumbing systems; Erosion of natural deposits
Nitrate	08/3/04	ppm	10	10	1.88	1.38 – 1.88	Runoff from fertilizer use; leaching from septic tanks, sewage; Erosion of natural deposits

Unregulated Compounds	Date Tested	Units	MCLG	MCL	Detected Level	Range	Sources of Contaminants
Bromoform	8/3/04	ppb	N/A	N/A	0.7	ND – 0.7	By-products of drinking water chlorination
Dibromo-chloromethane	8/3/04	ppb	N/A	N/A	1.1	ND – 1.1	By-products of drinking water chlorination

Regulated in the Distribution System	Date Tested	Units	MCLG	MCL	Detected Level	Range	Sources of Contaminants
Trihalomethanes	8/3/04	ppb	0	80	1.80	ND – 1.80	By-products of chlorination
Haloacetic Acids	8/3/04	ppb	N/A	60	2.022	1.427- 2.022	By-products of chlorination
Total Chlorine	Weekly	Mg/l	MRDLG=4	MRDL=4	.865 <sup>4</sup>	.70-.95	Water Additive to Control Microbes

**Water Quality Table Footnotes**

- 1 None of the 20 samples tested for copper exceeded the current action level of 1.3 ppm.
- 2 The City of Oakwood does not add fluoride to the water it produces.
- 3 Two of the 20 samples exceeded the action level of 15 ppm.
- 4 Highest running annual average.

**How to Read This Table**

This report is based upon tests conducted in the years 2000 – 2004.

**Key To Table**

AL = Action Level

MCL = Maximum Contaminant Level

MCLG = Maximum Contaminant Level Goal

ppm = parts per million, or milligrams per liter (mg/L)

ppb = parts per billion, or micrograms per liter (ug/L)

pCi/L = picocuries per liter (a measure of radioactivity)

N/A = not applicable

ND = Not Detected

Mg/l – Milligrams/liter

**Definitions**

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

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

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

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

**Detected Level:** The highest level detected of a contaminant for comparison against the acceptance levels for each parameter. These levels could be the highest single measurement, or an average of values depending on the contaminant.

**Action Level (AL):** The concentration of a contaminant, which if exceeded, triggers treatment or other requirements that a water system must follow.

**Range:** The range of all values for samples tested for each contaminant.

The data presented in this report is from the most recent testing done in accordance with regulations. For more information, call the City of Oakwood at 937-298-0777 extension 5361.

Public Water System I.D. #5701915

## City of Dayton Department of Water *2005 Water Quality Report*

*We are proud to report that the City of Dayton complied with all MCL\* standards for drinking water during 2004.*

The following results summarize thousands of tests performed in 2004

Regulated Substance	Highest Level Allowed (MCL)	Ideal Goals (MCLG)	Highest Level Detected	Range of Detection	Sources of Contaminants
<b>Regulated at the Treatment Plant</b>					
Fluoride (ppm)	4	4	1.36	0.59 - 1.36	Natural geology/supplement
Nitrate (ppm)	10	10	1.97	0.08 - 1.97	Fertilizer runoff/natural geology
Turbidity (NTU)	TT = 5 TT: ≥ 95% must be ≤ 0.3	N/A	0.36 100 % <sup>1</sup>	0.02 - 0.36	Lime softening residuals
Cis-1,2-dichloroethylene	70 ppb	70	0.79	ND - 0.79	Discharge from factories
<b>Xylenes</b>	10 ppb	10	0.50	ND - 0.50	Discharge from factories
<b>Chloromethane</b>	N/A	N/A	0.7	ND - 0.7	N/A
Total Organic Carbon(TOC)	TT <sup>2</sup>	N/A	1ppm <sup>2</sup>	0.57 - 1.0 ppm	Naturally in the environment
<b>Regulated at the Customer's Tap</b>					
Lead (ppb)	AL = 15	0	5.8 <sup>3</sup>	3 samples >AL ND - 32	Corrosion of household plumbing materials
Copper (ppm)	AL = 1.3	1.3	0.053 <sup>3</sup>	No Samples >AL ND - 0.095	
<b>Regulated in the Distribution System</b>					
Trihalomethanes (ppb)	80 <sup>4</sup>	0	22 <sup>4</sup>	19 - 26	By-product of chlorination
Haloacetic Acids (ppb)	60 <sup>4</sup>	N/A	6 <sup>4</sup>	1 - 11	By-product of chlorination
Chlorine (ppm)	MRDL = 4	MRDLG=4	1.16 <sup>4</sup>	0.97 - 1.22	Water additive to control microbes
<b>Coliform Bacteria</b> (% positive/month)	5%	0	0.8% <sup>5</sup>		Naturally present in the environment
<b>Unregulated Compounds - concentration in ppb</b>					
Bromodichloromethane	N/A	N/A	10	5 - 10	By-products of drinking water chlorination
Bromoform	N/A	N/A	2.5	ND - 2.5	
Chloroform	N/A	N/A	7.9	3.4 - 7.9	
Dibromochloromethane	N/A	N/A	10	5 - 10	

<sup>1</sup> Dayton complied with requirements for every month in 2004. Turbidity is used to measure the performance of sand filters.

<sup>2</sup> Dayton complied with alternate compliance criteria for TOC regulations under the D/DBP Rule. The level reported is "average".

<sup>3</sup> 90% of samples were less than 5.8 ppb for lead and less than 0.053 ppm for copper. Lead and copper were **not** detected in most of the samples. Data is from 2003 first draw samples. Because of low lead & copper concentrations Dayton was reduced to triennial monitoring after 2003.

<sup>4</sup> Highest running annual average.

<sup>5</sup> In 2004 only one of 1,512 distribution samples was positive for coliform bacteria. The repeat samples were negative.

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

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

NTU = Nephelometric Turbidity Units (measure of "cloudiness")

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

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

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

**AL** = Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements for a water system.

**pCi/l** = picocuries per liter (a measure of radioactivity)    **ppm** = parts per million    **ppb** = parts per billion    **N/A** = Not applicable

**≤** = less than or equal to    **≥** = greater than or equal to    **>** = greater than    **<** = less than    **ND** = Not detected

The **Source** of Dayton's drinking water is the Miami Valley Buried Aquifer. This Aquifer is a large underground area of water-bearing sand and gravel deposits. This groundwater is influenced by surface water. The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include: 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 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 agriculture, urban stormwater runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

**Radon** is a radioactive gas that is formed by the decay of uranium in rocks and soil. As water passes through rock and soil, radon is dissolved into ground water. Dayton's water plants had a maximum radon concentration of 120 pCi/L. This is below the expected standard.

For more information:  
Dayton Water Dept., 3210  
Chuck Wagner Lane, Dayton,  
Ohio 45414  
937-333-6093.

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**Health Information** Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/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).

City of Dayton citizens can participate in decisions about water quality by attending City Commission meetings and Environmental Advisory Board meetings. Call the Water Department Administration Office at 333 - 3734 for meeting dates and times.

Monitoring violations occurred at the Ottawa Water Plant when grab samples were not collected for a turbidity measurement for filter # 4 at 11a.m. on Dec. 3, 2004; and for filter # 15 at 11:45p.m. on January 12 and 3:45a.m. on Jan. 13, 2005. Ohio Revised Code (ORC) 3745-81-74 requires the collection of grab samples every four hours when there is a failure of continuous turbidity monitors. Turbidity limits were not exceeded and water quality was not affected.

## Source Water Assessment

The Ohio EPA conducted a source water assessment of Dayton's water source. The assessment concluded that the aquifer supplying water to the City of Dayton's well fields has a high susceptibility to contamination. This determination is based on: the influence of surface water recharge to the aquifer; the presence of a relatively thin protective layer of clay overlying the aquifer; the shallow depth of the aquifer; contaminant plumes in Dayton's well field protection area; the presence of significant potential contaminant sources in the protection area; and the presence of contaminants in treated water.

Dayton has consistently supplied water to the public that meets federal and state drinking water standards. More information about the source water assessment or what consumers can do to help protect the aquifer is available by calling the Division of Environmental Management at (937) 333-3725.

## Groundwater Protection

In 1985 the Water Department began development of a Well Field Protection Program to counter threats to groundwater quality. This program includes land use control zoning, groundwater remediation and emergency preparedness. An early warning, network of approximately 190 monitoring wells surrounds both well fields. These wells are sampled and tested for water quality. Eighteen packed tower, air-stripping systems were constructed to treat contaminated groundwater.

Dayton's Well Field Protection Program is internationally recognized and was the first program approved by the Ohio Environmental Protection Agency. In 1998, the American Water Works Association presented its large system, Well Field Protection Program Award to the City of Dayton. The Groundwater Foundation has also designated Dayton as a Groundwater Guardian community. Dayton encourages environmentally friendly, economic development projects in its groundwater protection areas.

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effort were students from Mr. Martin's English class who wrote phrases reflecting their impressions of what they heard and saw, adding them to the collage. Four major art competitions provided our student artists with opportunities to share their work with a wider audience. The senior high concert band, under the direction of Mr. Don Donnett, advanced to compete in Class B in OMEA District competition, which they had not done in several years and earned an "Excellent" rating overall.

A new and fledgling jazz band, directed by Mr. Donnett, played for the first time in public, May 1, in ceremonies opening the Designer's Show House and Garden XIV, at the Mead-Schuster Estate.

Vocal music students welcomed their new director, Mr. Jeremy Storost. The season included performances in OMEA state competition, the spring concert, and baccalaureate.

Directed by Mr. Storost and with Mrs. Watson directing the pit orchestra, a talented cast of high school players joined students from Smith and Harman, and a shaggy white dog named "Winston," in three outstanding performances of the musical *Annie*. Singing the role of Annie was Harman sixth grader, Madeline Lehrner.

Closing a crowded musical season, the combined orchestras under the direction of Mrs. Nan Watson, presented their annual Cherry Pie Concert on May 24. The senior high orchestra received an excellent rating in OMEA state competition in February, while two junior high string ensembles received superior ratings in OMEA state competition in April.

### Foreign Language Department

Judy Imparato, a respected, thirty-year veteran, retired at the end of the 2003-2004 school year. The hiring of two teachers, Helen Gustke and Mary Haucke-Davis, brought new and colorful strategies to the department.

The highlight of the year was being selected Ohio's Outstanding Foreign Language Department. The entire department was invited to attend the Central States Conference where they were honored guests at a luncheon, were recognized for their achievement, and were awarded a lovely plaque.

### Guidance Department

The Guidance Office had the pleasure of hosting 3 interns this year: Lisa Hamski with Lissa Fickert; Jamie Walker with Sudie Jacques; and Adam Woessner with Rich Curlett.

Lumberjack Leaders is a group of 8<sup>th</sup> grade students who are mentors to the 7<sup>th</sup> graders. These leaders are a cross-section of students who have exhibited the attributes, caring attitude, and sense of community that we wish to promote in our school. The purposes of the mentors include being positive role models, motivators, and guides so that the 7<sup>th</sup> graders may feel comfortable and learn what it takes to be successful in the junior high.

This year's sophomores are the first students required to pass the OGT in order to receive a high school diploma. Mr. Curlett has enhanced his counsel with freshman and sophomores, utilizing the Ohio Career Information System software to provide college/career information.

### Practical Arts Department

The Practical Arts Department said goodbye to Scott Michael, Oakwood PE teacher for 13 years, and welcomed Andy Keating as our new PE teacher.

**Business and Personal Law** students traveled to Montgomery County Courts to witness our justice system first-hand. Students also had the opportunity to travel to the Ohio Supreme Court in Columbus to watch oral arguments on two cases and to tour the facility.

**Introduction to Marketing** students created product packaging, displayed plans, and promoted the products.

**Media class** students shared their work at a media night hosted by teacher, Debbie Smith.

**Architectural** studies classes are participating in the American Institutes of Architects Design Competition. Additionally, several advanced graphic arts students are working with a local video production company to film a commercial for Mr. Prescription.

### Science Department

Junior high science teachers worked closely with Teacher Enrichment Specialists (TES) to guide students in selecting and developing projects for competition in district, county, regional, and state science fairs. At the high school level, two second-year chemistry students, Theresa Foreman and Katie Malone, received the highest scores awarded on the Patterson Competition Chemistry Test and earned the right to take the Regional Chemistry Olympiad Exam, a qualifying test for the National Chemistry Team.

The Science Department launched a new course this year, *Geophysical Science*. This course incorporates aspects of Earth Science, Chemistry, and Physics to coincide with Ohio Academic Content Standards.

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# July 2005

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					BSC-GSC Camp Gr. 2-6 (10 a.m.-1 p.m.)	
	Independence Day <b>City Offices Closed</b>	Comp Lab 7-9 p.m.	Plan Comm 4:30 p.m.			
3	4	5	6	7	8	9
	City Council 7:30 p.m.	Comp Lab 7-9 p.m.		Zoning App 4:30 p.m.		Football Car Wash 10 a.m.-2 p.m.
10	11	12	13	14	15	16
	Football 6-8 p.m.	Football 6-8 p.m. Comp Lab 7-9 p.m.	Football 6-8 p.m.	Football 6-8 p.m.		
	18	19	20	21	22	23
17	Band Camp	Band Camp Comp Lab 7-9 p.m.	Band Camp	Band Camp	Band Camp	
24	Football 6-8 p.m. BB Camp 9 a.m.-12 noon					
	25	26	27	28	29	30
	31					

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### Specialized Education Department

At the senior high, the transition book, *Post-Secondary Options for Students with Disabilities*, has been updated and now includes expanded information concerning 32 Ohio community and/or private colleges offering services for students with disabilities. At the junior high, for the first time, the learning disability specialists departmentalized in Math and English for an exciting year of collaboration with regular education teachers to deliver services to typical and special needs students.

**Project Support**, a club promoting friendship among students with and without disabilities, was active throughout the year. The club meets twice a month during lunch to share activities.

### Social Studies Department

Best wishes to Mr. Doug Schively, who will retire at the end of this school year. Mr. Schively taught in Oakwood Schools for twenty-five years.

This year, all juniors and sophomores were enrolled in *Modern American History*; next year, only the sophomore class will study *Modern American History*. These changes were made to align our curriculum with

the Ohio Content Standards and to prepare students for success on the OGT. Additionally, the high school teachers developed four new courses for the eleventh grade level: *AP European History*, *Economics*, *Age of Antiquity and Global Age*.

Outside the classroom, Academic Council, moderated by Ms. Hess, won at the regional level. Six students, involved in three different presentations, took part in the History Day competition. Students in Oakwood Giving, moderated by Mrs. Berger, entered the Martin Luther King Jr. contest sponsored by the cities of Kettering and Oakwood; at the high school level, three students won the poetry-essay contest and three students won the art contest.

At the junior high, Mrs. Allan and Ms. Owens are preparing for the new 7<sup>th</sup> grade curriculum for next year, *Early World History*. Eighth graders visited the Underground Railroad Museum.

Ohio Model United Nations was a success again this year. Honors received were Outstanding Nation, Outstanding Resolution, three Outstanding Delegates, runner up in Cultural Presentation and several individual awards. Students did a wonderful job, and the teachers thank parent volunteers Barb John and Eric McGlade.

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