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The Official City of Southfield Newsletter & Activities Guide

Living



SOUTHFIELD Living

Spring / Summer 2012

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Southfield Living is published biannually for all Southfield residents and businesses by the City's Community Relations and Parks & Recreation Departments. Please send your comments or suggestions for the City newsletter portion to: The Editor, Southfield Living, Community Relations Department, City of Southfield, 26000 Evergreen Road, P.O. Box 2055, Southfield, MI 48037-2055, or via e-mail at: mmanion@cityofsouthfield.com.

The City of Southfield's intent is to operate its programs and services, so when viewed in their entirety, they are readily accessible to and usable by individuals with a disability. To ensure equally-effective communication, upon request, the City will provide auxiliary aids and services, such as sign language interpreters, Braille-translated material, large-print documents, etc. Advance notice is required. To make arrangements, contact the City Clerk's Office at 248/796-5150 (voice) or 248/354-4831 (TDD). Southfield Living Editor: Michael Manion | P&R Activities Guide Editor: Stephanie Kaiser

COVER PHOTO: Southfield skyline from Evergreen Hills Golf Course | Photographed by Jerry Zolynsky







Detroit Institute of Arts' InsidelOut outdoor art exhibit coming to Southfield April - June

DAINSIDEIOUT

The City of Southfield has been selected to take part in the Detroit Institute of Arts' (DIA) Inside|Out outdoor art exhibition this spring at several locations throughout Southfield. Now in its third year, Inside|Out brings reproductions of masterpieces from the DIA's collection to the streets and parks of the metro area, pleasantly surprising and delighting residents of the participating communities. Through the program, the DIA will bring seven reproductions of some of their most famous masterpieces to Southfield from April through June 2012.

Inside|Out is sponsored through the John S. and James L. Knight Foundation's Random Acts of Culture Grant for the purpose of weaving the arts into the fabric of communities to inspire the people who live there. "We are beginning the third year of Inside|Out, which has been immensely popular," said Graham W. J. Beal, DIA director. "Knight Foundation's support ensures that we can continue to engage people with art in settings that are familiar to them, fostering both creativity and pride in their communities."

Southfield is among 16 other communities that have been chosen for spring exhibitions. At the end of June, the reproductions will be rotated to additional communities for summer exhibitions. As part of the program, the Detroit Institute of Arts will offer free museum admission to residents of participating communities to encourage them to come experience "their" works of art in person and enjoy the variety of activities the museum offers. Southfield residents will receive a Free Day at the DIA on Sunday, June 3 from 10 a.m. - 5 p.m. After discovering the reproductions around town residents are invited to visit the DIA to see the actual works of art. Simply present your driver's license or state ID and receive four complimentary general admissions to the Detroit Institute of Arts on June 3 (does not include admission to special exhibitions).

The DIA will also be working with Southfield Parks &



A reproduction of **The Nut Gatherers**, 1882 by William Adolphe Bouguereau (French, 1825-1905) will be on display at the Parks & Recreation Building entrance.

Consider life on a farm—all the hard work and sweat that goes into cultivating the land. Now look at this image of two farm girls collecting nuts. Notice their glowing faces and spotlessly clean bare feet. The artist Adolphe-William Bouguereau, who is best known for impeccable, photo-like paintings, presents an idealized vision of rural life. Dimensions Framed: 42 ¾ x 61 in.

Credit Line: Gift of Mrs. William E. Scripps

Recreation and the Southfield Public Library to offer several educational opportunities and other fun activities as part of the program. The museum will tailor events that capture the unique character of each community. New this year, the DIA has created an Inside|Out Facebook page where users can interact with each other online and share their Inside|Out experiences through messages, photos, videos and more. To utilize the Inside|Out Facebook page, visit www.facebook.com/dia.insideout and "Like" the page. More information, a complete listing of programs and all exhibit locations (including interactive maps) will also be featured on the DIA's Web site at www.dia.org.

The City of Southfield's reproductions will include: Savoy Ballroom by Reginald March at Inglenook Park; Celadon and Amelia by William Hamilton at Beech Woods Recreation Center; Bude Sands at Sunset by John Randall Brett at the Municipal Complex Volleyball Courts; Portrait of a Collagist by Benny Andrews at the Southfield Public Library; The Nut Gatherers by William Aldolphe Bouguereau at the P&R Building; *Portrait of Sophia, Princess Palatine* by Gerrit van Honthorstat at the Southfield Veterans' Memorial Garden; and *The Piazza San Marco* by Canaletto on City Hall front lawn.





INSIDE | OUT Southfield Community Programs - Continued from page 3

Inside/Out Walking Tour

Thursday, April 19 at 6:30 p.m.

Beginning in the Southfield Public Library Meeting Room

A docent from the Detroit Institute of Arts will lead you on a free walking tour of the five Inside/Out reproductions located throughout Southfield's Municipal Complex. The walk will take place rain or shine.

Inside/Out Walking Tour

Saturday, May 5 at 10:30 a.m.

Beginning in the Southfield Public Library Meeting Room

A docent from the Detroit Institute of Arts will lead you on a free walking tour of the five Inside/Out reproductions located throughout Southfield's Municipal Complex. The walk will take place rain or shine.

Inside/Out In-Depth

Tuesday, May 15 at 7 p.m.

Southfield Public Library Meeting Room

A docent from the Detroit Institute of Arts will lead a free indepth discussion on the Inside/Out works of art located in Southfield.

Southfield DIA Free Day + Free Transport

Sunday, June 3 at 10 a.m. Departs from Southfield P&R Building

Southfield Parks & Recreation will offer free transportation to go along with the City's Free Day at the DIA on Sunday, June 3 to the first 24 residents to register by calling (248) 796-4620. The bus will leave at 10 a.m. from the Southfield P&R Building and depart from the DIA at 4 p.m.



Inside | Out brings reproductions of great treasures from the Detroit Institute of Arts into your community.

Discover them all around town. Visit **dia.org/insideout** for maps of other communities and information on programs.

Inglenook Park
20901 W Twelve Mile Rd
Savoy Ballroom
Reginald Marsh

Beech Woods Recreation Center
22200 Beech Rd
Celadon and Amelia
William Hamilton

Southfield Municipal Complex 26000 Evergreen Rd

3

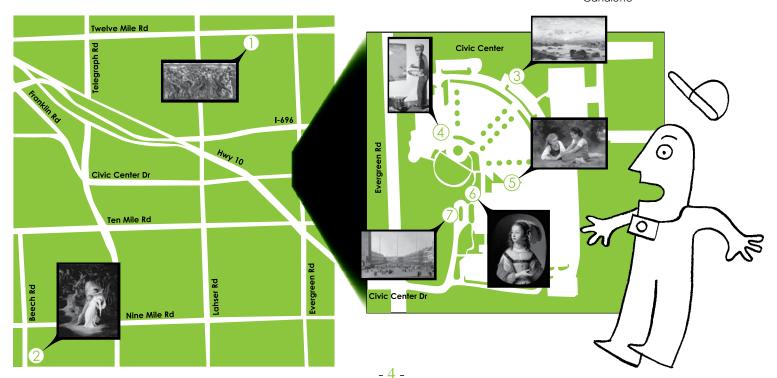
Volleyball Courts and Miracle Field Bude Sands at Sunset John Randall Brett



Southfield Public Library Portrait of a Collagist Benny Andrews Parks and Recreation Entrance
The Nut Gatherers
William Aldolphe Bouguereau

Southfield Veterans' Memorial Garden
Portrait of Sophia, Princess Palatine
Gerrit van Honthorst

Civic Center Lawn
The Piazza San Marco
Canaletto







Southfield Flower Day May 19

The City of Southfield will host the 10th annual Southfield Flower Day on Saturday, May 19 from 10 a.m. until 4 p.m. on the front lawn of City Hall, 26000 Evergreen Road. The event is sponsored by the Mayor and City Council to promote curb appeal and the beautification of Southfield. Many varieties of flowers, plants and vegetables will be offered for sale from several local vendors.

For more information, call Southfield Community Relations at (248) 796-5130.

Basement Flooding Legal Notice

Any resident experiencing an overflow or sewage back up should contact the Water Department at (248) 796-4850. After hours, the message will advise you to call (248) 796-4899 or you can call the Police desk at (248) 796-5500 to be put in touch with the supervisor on call.

Under Public Act 222, any resident having experienced an overflow or back up of a sewage disposal system or storm water system, must file a written claim with the City within 45 days after the overflow or backup was discovered or in the exercise of reasonable diligence, should have been discovered. Notice should be mailed to the Office of Management and Budget at the City of Southfield. Failure to provide the required notice to the City will limit your rights under the law. For more information, contact the Office of Management and Budget at (248) 796-5260. The source of the back up must be the City sewer. Problems caused by the property's plumbing are the homeowner's responsibility.

Southfield seeks nominations for 2012 Community Pride Awards

The City of Southfield will soon be accepting nominations for the 2012 Community Pride Awards, which recognizes Southfield residents that have gone the extra mile in their beautification efforts.

The program is coordinated by the City's Neighborhood & Information Center and the Southfield Parks & Garden Club to promote beautification efforts throughout the city. Residents are encouraged to nominate individual homeowners, neighborhoods, condominiums, apartments and even themselves. Public buildings such as schools, churches and synagogues may also be worthy of recognition, and



residents are encouraged to nominate them as well. A team of judges will tour neighborhoods and select a list of winners in August. All winners will be honored by the mayor and city council prior to a council meeting in October.

Nomination forms are available at the City's Neighborhood & Information Center located inside City Hall at 26000 Evergreen Road, or they may be downloaded from the City's Web site at www.cityofsouthfield.com. Pictures of properties are welcome and the condition of the entire property will be considered for judging. All nominations must be submitted by 5 p.m. on August 1, 2012. For more information, call the Neighborhood & Information Center at (248) 796-5140.

Southfield Volunteer Day

Volunteers are needed to clean, paint, rake, repair, plant and prune throughout Southfield on Saturday, April 28 from 8 a.m. - 1 p.m.

Work will take place this year on the campuses of Stevenson and Leonhard schools and in adjoining parks Lahser Woods and Inglenook. All work sites are in the north central section of the city. Volunteers should report to the gym at Stevenson Elementary School, 27777 Lahser Road. Workers are asked to bring rakes, brooms and wheelbarrows (if possible). Other tools will be provided such as materials and gloves. Each participant will receive a free T-shirt, continental breakfast and snack. All volunteers should dress for the weather and work.

This is a great opportunity for service clubs seeking a spring project, high school students in need of community service credits, or anyone who wants to help improve their community.

To volunteer, call the Southfield Pupil Registration Office (248) 746-7601 ext. 3. For additional information call SPS Public Relations & Marketing Manager Jacqueline Robinson at (248) 746-8542. To sign on as a sponsor or donor, e-mail Councilman Ken Siver at ksiver@cityofsouthfield.com.

42nd Annual Rouge River Clean Up

Share in the commitment to maintain a clean water system by volunteering for the annual Rouge River Clean Up on Saturday, June 2 from 8 a.m. - 1 p.m.

Adults, teenagers, teachers, students, naturalists, contractors and local businesses have an opportunity to improve the environment and everyone is encouraged to take part in this important initiative.

Registration is at Beech Woods Recreation Center, just south of Nine Mile Road on Beech Road. For more information, call (248) 796-4806.





CITY CLERK'S NEWS

Nancy L. M. Banks, City Clerk

2012 Election Information

Southfield residents will be going to the polls for two elections in 2012:

State Primary Election – August 7, 2012 Presidential General Election – November 6, 2012

Offices to be elected are:

President/Vice President
U.S. Senator
U.S. Representative in Congress
State Representative
State Board of Education
University of Michigan Regents
Michigan State University Trustees
Wayne State University Governors

Justice of the Supreme Court
Judge of the Court of Appeals
Judge of the Circuit Court
Judge of the District Court
Judge of Probate
County Offices
Specified School District Positions
Any Proposals

Close of Registration and **Voting Precinct**

Are you registered to vote? Do you know your voting precinct and polling location? In an effort to provide better service for our residents, and to help cut down the number of phone calls

E-Mail:

and/or waiting in line on Election Day, you can verify your voter information by contacting the City Clerk's Office or viewing our Web site at www. cityofsouthfield.com. Click-on the Government Tab at the top, select City Clerk's Office, Election Information. A direct link to the Michigan Voter Information Center can be accessed on the City Clerk's home page, "Are you

registered to vote?" or by using the related link.

Α newly released Geographic Information System (GIS) application entitled Election Polling Places, is also available on the City Clerk's Web page. The Election Polling Places application allows residents to locate their polling place and obtain information about current elected officials. Simply click on the map or enter an address in the search box. The application also provides directions from the searched address to the polling place location. To view the Election Polling Place map, visit our Web site, www.cityofsouthfield. com, click on the Government tab, City Clerk's Office, Election Information, and the link to the Polling Place Maps is included in the "Are You Registered to Vote" information.

Michigan Election Law states that you must be registered to vote 30 days prior to an election.

Please cut at dashed line and return bottom portion in an envelope.

Mail To: NANCY L.M. BANKS, City Clerk

City of Southfield 26000 Evergreen P.O. Box 2055 Southfield, MI 48037-2055

V	OTER CONTACT INFORMATION Please complete the information below.
Print Full Name	
Address	
Home Phone:	
Mobile Phone:	

Yes, Please add my name to your Permanent Absent
Voter List. I understand that I will automatically receive
an Absent Voter Ballot Application prior to each
upcoming election. I further understand that if I choose
to be on the permanent list, and I automatically receive
an application for an absentee ballot, that I could still
vote in person at the polls simply by not returning my
absentee application for processing.

X
Signature of Absent Voter Date



The Close of Registration deadlines for 2012 are:

August Primary Election – July 9 November General Election – October 9

If you are a Southfield resident and not currently registered to vote, please visit the City Clerk's Office or any Secretary of State branch office. You can also download a voter registration form on the City Web site at www.cityofsouthfield. com. If you are physically unable to appear in person, please call City Clerk Nancy Banks at (248) 796-5150, to make arrangements.

Absent Voter Information

Michigan law requires that registered voters wishing to receive an absent voter ballot must complete an Application for each election for which an absentee ballot is needed. Voters whose names are on the Permanent Absent Voter List, age 60 years and over, and disabled residents who have requested same, will be mailed an Absent Voter Application in June 2012. The Application must be returned to the City Clerk's office, completed and signed, before an absentee ballot can be mailed to the voter.

If you need an absentee ballot for the 2012 Elections, contact the City Clerk's office at (248) 796-5150, or visit the City's Web site to download the Application form. (You must print your full name and address on the Application form.)

The City Clerk's Office will be open from 8 a.m. until 2 p.m. on the Saturdays listed below to accept and process Absent Voter Ballot Applications.

Primary Election – August 4 General Election – November 3

The last dates for qualified electors to obtain an Absent Voter Ballot for the 2012 Elections are:

Primary Election – August 6 until 4 p.m. General Election – November 5 until 4 p.m. These absentee ballots must be voted onsite and cannot leave the building. All Absent Voter Ballots must be returned to the City Clerk's Office by 8 p.m. on Election Night in order to be counted.

Permanent Absent Voter Information

Did you Know? The City Clerk's Office maintains a "permanent" Absent Voter List. Qualified electors who are eligible to receive an Absent Voter Ballot can register for the Permanent Absent Voter List by completing the form on the lower left page. Prior to each election, residents whose names are on the Permanent Absent Voter List will automatically receive an Application for Absent Voter Ballot.

If you choose to register for the Permanent Absent Voter List, you can still vote in person at the polls for any given election by simply not returning the Application for Absent Voter Ballot for processing.

To request an Absent Voter Ballot you must be:

- 60 years of age or older;
- Physically unable to attend the polls without assistance of another;
- Appointed a precinct worker in a precinct other than where you reside;
- Expect to be absent from the community where you are registered for the entire time the polls are open on election day;
- Cannot attend the polls because of the tenets of your religion;
- Cannot attend the polls because you are confined to jail awaiting arraignment or trial.

Election Workers Wanted

2012 is a big election year and the City Clerk's Office is accepting applications for Election Inspectors to work in the August Primary and November General Elections. Individuals with proficient computer skills are needed to utilize the new Electronic Poll Book. Michigan Election Law requires all voting precincts to have Inspectors representing opposite political parties, therefore, applicants representing any of the recognized political parties are encouraged to apply. Visit the City Clerk's Office or download the Election Inspector Application from the City's Web site.

Garage Sale Permits

Spring marks the beginning of the garage sale season. Southfield residents may sell used personal property such as clothing, garden tools, toys or other second hand items customarily found in and about the home. The term garage sale also includes reference to Basement Sale, Estate Sale and Attic Sale.

The Southfield City Code allows residents to hold a garage sale once every six months. Valid garage sale signs for 2012 are Red in color. The cost of the permit is \$5, which includes one (1) sign with a wire stand. One additional sign may be purchased for an additional \$3 fee. These permits are valid for five (5) consecutive days, issued at least six months apart, and may not be apportioned to run over two weekend periods. Items for sale must be sold between the hours of 8 a.m. and 8 p.m.

Garage sale signs can be placed on private property with the permission of the property owner. Garage sale signs cannot be placed in any public right-of-way, generally described as an area where street signs, traffic signs, fire hydrants and utility poles are located, and those areas that span from the sidewalk to the roadway surface. Any garage sale sign located in the public right-of-way will be removed by the City and discarded.





Southfield launches new Destination Southfield GIS Apps

The City of Southfield recently launched Destination Southfield, a collection of Geographic Information System (GIS) -based sites that provide up-to-date interactive maps and information about city services, parks and polling locations at http://maps.cityofsouthfield.com/destinationsouthfield.

The City of Southfield has become one of the first communities in the country to take advantage of Environmental Systems Research Institute's (ESRI) new ArcGIS for Local Government common information model. This new GIS-based Internet mapping portal has been integrated into the City's existing GIS infrastructure to provide a wealth of geospatial information, including core GIS tools, templates, and applications. These new interactive maps and layers will help the City improve operations and communicate more effectively with the public while saving both time and money. Destination Southfield will also help to promote the growth of existing business and attract new investments into the city while providing vital information to citizens. Residents and nonresidents alike are now able to view property ownership, zoning, voting districts, refuse and recycling information and many more commonly used data layers 24-hoursa-day, seven-days-a-week.

The City of Southfield GIS Group most recently deployed the apps and maps gallery template, Destination Southfield, which includes the City's existing application "City Map Viewer" as well as the new applications "Polling Places" and "Parks & Rec Finder" with future plans for additional apps to be added in the coming months.

CITY CLERK'S NEWS, Continued from page 7

Protect Your Personal Identity

Did you know? Identity theft is ranked the No. 1 consumer fraud complaint? Identity theft occurs when someone has stolen a name, credit card, social security number, birth date, or other piece of personal information.

The City of Southfield, in partnership with Southfield Public Schools and Iron Mountain Records Management, Inc., will offer free consumer shredding up to 100 lbs. (the equivalent of 2 copy paper boxes) on Saturday, April 28, 2012, from 10 a.m. until 2 p.m., at the Southfield High School parking lot located at 24675 Lahser Road, at Ten Mile Road

Consumers may bring personal documents such as tax returns, medical records, credit card statements, bank checks, and more, to be securely destroyed by Iron Mountain's mobile shredding truck. A fee will be charged for documents weighing more than 100 lbs.

Solicitor Permits

The spring and summer seasons bring an increase in solicitors in the residential areas. A solicitor is any person who goes door-to-door on private property for the purpose of offering or selling goods or services, or to request a contribution of funds for political, charitable, religious or other non-commercial purposes.

No person shall solicit within the City of Southfield without first obtaining a permit issued by the City Clerk's Office.

Other than veterans or solicitors within three miles of their residence who solicit for educational, charitable, religious or youth organizations, all persons must first obtain a City permit. The City permit, complete with name, address and photo of the permitee, must be worn and visible while the individual is soliciting or peddling in the City.

Solicitation activities are permitted between the hours of 10 a.m. and 8 p.m. It is unlawful for any person to conduct solicitation activities where the property owner or legal occupant has posted a sign bearing the words "No Solicitors," "No Solicitation," or words of a similar nature.

Passports

The City Clerk's Office is no longer processing passport applications. For information regarding U.S. Passports, contact the U.S. Department of State at www.travel.state.gov or the Post Office.

City Clerk's Office Contact Information

The City Clerk's Office is located in the Southfield Municipal Complex at 26000 Evergreen Road. The City Clerk's Office is open Monday through Friday from 8 a.m. until 5 p.m. and may be reached at (248) 796-5150 or online at www. cityofsouthfield.com.









City's "Eyes on Southfield" program helps residents keep Southfield beautiful

The City of Southfield's proactive community appearance program, Eyes on Southfield, continues to be very successful – generating more than 1,400 calls and subsequent resolutions in 2011 alone. Launched in August of 2007, the program enables residents to notify the City with ease when a potential code or appearance issue is observed. Residents may simply call (248) 796-EYES (3937) 24-hours a day, seven-days a week to report any code or appearance issues they observe.

The Southfield Code Enforcement Department or other appropriate staff respond to most calls within a 24- to 48-hour time period. Code Enforcement Officers canvass the City seven days a week to monitor the condition of Southfield homes and neighborhoods. In addition, the City relies on the "eyes and ears" of the entire community to report any obvious or significant appearance issues. When an issue



exists, code officers inform the resident or business of the problem and educate them on how to resolve it. If another violation occurs at the same property, the home or business owner is issued a civil infraction and must appear in court. The City's ultimate goal is to work with the community to resolve issues quickly and to maintain Southfield's appearance.

"The community's response to the Eyes on Southfield program has been very gratifying," commented City Administrator Jim Scharret. "Every resident and business owner has a vested interest in maintaining property values by keeping Southfield clean and attractive. The program provides the community with a convenient and effective way to address any potential code or appearance issues they may observe. The Mayor and City Council are very committed to working with the community to maintain our curb appeal and to keep Southfield beautiful. The community's participation is vital to the success of this program and their input is greatly appreciated."

Residents are reminded of the following community appearance standards:

- Weeds and grass must be cut on a regular basis. Lawn grass should not exceed eight-inches in length.
- Trash is not to be placed at the curb before 4 p.m. the evening prior to collection. Refuse is limited to 60 pounds of material and must be placed in plastic bags or waste containers no larger than 32-gallon capacity. All containers must be removed no later than noon the day following trash collection.
- Yard waste must be placed in approved paper yard waste bags or in a rigid container clearly marked 'yard waste.' Yard waste in plastic bags will not be accepted. Yard waste includes leaves, grass clippings, branches, brush and other organic material only. Yard waste is accepted on your regular trash collection day April 2 November 23, 2012.
- Buildings must be maintained according to City code regulations, including no peeling or weathered paint, cracked or broken glass, fallen gutters, litter or debris, or other maintenance issues.

Let's each do our part to keep Southfield clean and attractive by maintaining our homes and neighborhoods. If you see a potential code or appearance issue, call the City's special Eyes on Southfield hotline at (248) 796-EYES (3937) 24-hours a day, seven-days a week.

Advertise your business in the 2013 Southfield calendar

The award-winning City of Southfield Annual Report/Calendar is mailed to every residential and business address in the City. Thousands more are included in information packets distributed throughout the year to prospective new residents and businesses. The calendar advertising insert is an excellent way to reach more than 71,000 Southfield residents and 9,000 businesses for one extraordinarily low price! The return on the investment in a calendar ad reaps dividends throughout the entire year.

Reserve your ad soon—space is limited! Call Southfield Community Relations today at (248) 796-5130 for more information.





CITY OF SOUTHFIELD 2011 CONSUMERS ANNUAL REPORT ON WATER QUALITY

ATTENTION: THIS IS AN IMPORTANT REPORT ON WATER QUALITY AND SAFETY

The City of Southfield, The Southeastern Oakland County Water Authority and the Detroit Water and Sewerage Department (DWSD) are proud of the fine drinking water they supply and are honored to provide this report to you. The 2011 Consumers Annual Report on Water Quality shows the sources of our water, lists the results of our tests, and contains important information about water and health. We will notify you immediately if there is ever any reason for concern about our water. We are pleased to show you how we have surpassed water quality standards as mandated by the Environmental Protection Agency (EPA) and the State of Michigan Department of Environmental Quality (MDEQ).

About the System

The City of Southfield purchases water from the Southeastern Oakland County Water Authority (SOCWA) at fourteen locations. SOCWA provides Detroit water through its member distribution systems to a population of 210,000 within a 56 square mile area. Current members are: Berkley, Beverly Hills, Bingham Farms, Birmingham, Clawson, Huntington Woods, Lathrup Village, Pleasant Ridge, Royal Oak, Southfield and Southfield Township.

Your source water comes from the Detroit River (treated at the Springwells Plant), situated within Lake St. Clair, Clinton River, Detroit River, Rouge River, Ecorse River, in the U.S. and parts of the Thames River, Little River, Turkey Creek and Sydenham watersheds in Canada. The Michigan Department of Environmental Quality in partnership with the U.S. Geological Survey, the Detroit Water and Sewerage Department, and the Michigan Public Health Institute performed a source water assessment in 2004 to determine the susceptibility of potential contamination. The susceptibility rating is on a seventiered scale from "very low" to "very high" based primarily on geologic sensitivity, water chemistry, and contaminant sources. The susceptibility of our Detroit River source water intakes were determined to be highly susceptible to potential contamination. However, all four Detroit water treatment plants that use source water from the Detroit River have historically provided satisfactory treatment of this source water to meet drinking water standards. DWSD has initiated source-water protection activities that include chemical containment, spill response, and a mercury reduction program. DWSD participates in a National Pollutant Discharge Elimination System permit discharge program and has an emergency response management plan.

If you would like to know more information about this report or to obtain a complete copy, please contact your local water department.

How Do We Know the Water is Safe to Drink?

Detroit Water and Sewerage Department facilities operate twenty-four hours a day, seven days a week. The treatment process begins with disinfecting the source water with chlorine to kill harmful microorganisms that can cause illness. Next, a chemical called Alum is mixed with the water to remove the fine particles that make the water cloudy or turbid. Alum causes the particles to clump together and settle to the bottom. Fluoride is also added to protect our teeth from cavities and decay.

The water then flows through fine sand filters called beds. These filters remove even more particles and certain microorganisms that are resistant to chlorine. Finally, a small amount of phosphoric acid and chlorine are added to the treated water just before it leaves the treatment plant. The phosphoric acid helps control the lead that may dissolve in water from household plumbing systems. The chlorine keeps the water disinfected as it travels through water mains to reach your home.

In addition to a carefully controlled and monitored treatment process, the water is tested for a variety of substances before treatment, during various stages of treatment, and throughout the distribution system. Hundreds of samples are tested each week in certified laboratories by highly qualified and trained staff. Our water not only meets safety and health standards, but also ranks among the top 10 in the country for quality and value.

Additional 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 at (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:

- 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 organics, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff and septic systems.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

Detected Contaminants Tables

These tables are based on tests conducted by DWSD in the year 2011 or the most recent testing done within the last five (5) calendar years. They conduct many tests throughout the year; however, only tests that show the presence of a contaminant are shown here. The table on the next page is a key to the terms used in the tables.

		Key to Detected Contaminants Tables
Symbol	Abbreviation for	Definition/Explanation
MCLG	Maximum Contaminant Level Goal	The level of contaminant in drinking water below which there is no known or expected risk to health.
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.
MRDLG	Maximum Residual Disinfectant Level Goal	The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
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.
ppb	Parts per billion (one in one billion)	The ppb is equivalent to micrograms per liter. A microgram = 1/1000 milligram.
ppm	Parts per million (one in one million)	The ppm is equivalent to milligrams per liter. A milligram = 1/1000 gram.
NTU	Nephelometric Turbidity Units	Measures the cloudiness of water.
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 which a water system must follow.
HAA5	Haloacetic acids	HAA5 is the total of bromoacetic, chloroacetic, dibromoacetic, dichloroacetic, and trichloroacetic acids. Compliance is based on the total.
TTHM	Total Trihalomethanes	Total Trihalomethanes is the sum of chloroform, bromodichloromethane, dibromochloromethane, and bromoform. Compliance is based on the total.
n/a	Not applicable	
>	Greater than	

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 at 800-426-4791.**





Springwells Water Treatment Plant 2011 Regulated Detected Contaminants Tables

			-011110	galatea b	CLOCKCA	Containin	unto run	100
Contaminant	Test Date	Units	Health Goal MCLG	Allowed Level MCL	Highest Level Detected	Range of Detection	Violation yes/no	Major Sources in Drinking Water
Inorganic Che	micals - An	nual Mor	itoring at I	Plant Finish	ed Water Ta	ip		
Fluoride	8/14/2011	ppm	4	4	0.75	n/a	no	Erosion of natural deposits; Water additive, which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate	8/14/2011	ppm	10	10	0.18	n/a	no	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Barium	6/9/2008	ppm	2	2	0.01	n/a	no	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Selenium	6/9/2008	ppb	50	50	1	n/a	no	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.
	Disin	fectant F	Residuals a	nd Disinfec	tion By-Pro	ducts – Moni	toring in Di	stribution System
Total Trihalomethane (TTHM)	Feb-Nov 2011	ppb	n/a	80	26.5	10.8 – 45.1	no	By-product of drinking water chlorination
Haloacetic Acids (HAA5)	Feb-Nov 2011	ppb	n/a	60	15.1	8.2 - 21.0	no	By-product of drinking water disinfection
Disinfectant Chlorine residual	Jan-Dec 2011	ppm	MRDGL 4	MRDL 4	0.70	0.62 - 0.76	no	Water additive used to control microbes

2011 Turbidity – Monitored every 4 hours at Plant Finished Water Tap							
Highest Single Measurement Cannot exceed 1 NTU	Lowest Monthly % of Samples Meeting Turbidity Limit of 0.3 NTU (minimum 95%)	Violation yes/no	Major Sources in Drinking Water				
0.3 NTU No Soil Runoff							
Turbidity is a measure of the cloud	iness of water. We monitor it because it is a good	indicator of th	ne effectiveness of our filtration system.				

Contaminant	MCLG	MCL	Highest Number Detected	Violation yes/no	Major Sources in Drinking Water
Total Coliform Bacteria	0	Presence of Coliform bacteria > 5% of monthly samples	0	No	Naturally present in the environment.
E.coli or fecal coliform bacteria	0	A routine sample and a repeat sample are total coliform positive, and one is also fecal or E.coli positive.	0	no	Human waste and animal fecal waste.

Contaminant	Test Date	Units	Health Goal MCLG	Action Level AL	90 th Percentile Value*	Number of Samples over AL	Violation yes/no	Major Sources in Drinking Water
Lead	2011	ppb	0	15	2.1 ppb	1	No	Corrosion of household plumbing system; Erosion of natural deposits.
Copper	2011	ppm	1.3	1.3	105 ppb	0	no	Corrosion of household plumbing system; Erosion of natural deposits; Leaching from wood preservatives.

^{*}The 90th percentile value means 90 percent of the homes tested have lead and copper levels below the given 90th percentile value. If the 90th percentile value is above the AL additional requirements must be met.

Regulated Contaminant	Treatment Technique	Running annual average	Monthly Ratio Range	Violation Yes/No	Typical Source of Contaminant			
Total Organic Carbon (ppm)	actual TOC remova	The Total Organic Carbon (TOC) removal ratio is calculated as the ratio between the actual TOC removal and the TOC removal requirements. The TOC was measured each month and because the level was low, there is no requirement for TOC removal.						

2011 Special Monitoring

Contaminant	MCLG	MCL	Level Detected	Source of Contamination
Sodium (ppm)	n/a	n/a	6.28	Erosion of natural deposits



Southfield Living

Important Health Information

Lead

Since 1992, with the cooperation of many Southfield residents, DWSD has been testing homes with plumbing systems that may contribute lead to the household water supply. Our latest round of testing shows 0 out of the 14 homes tested has lead levels above the action level. If your home has a lead service line or piping that has lead soldered joints, you can take the following precautions to minimize your exposure to lead that may have leached into your drinking water from your pipes.

- Run your water for 30 seconds to 2 minutes or until it feels cold. This practice should be followed anytime your water has not been used for more than 6 hours.
- Always use cold water for drinking, cooking or making baby formula.
- Use faucets and plumbing material that are either lead free or will not leach unsafe levels of lead into your water.

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 City of Southfield is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your 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 www.epa.gov/safewater/lead.

People With Special Health Concerns

Some people may be more vulnerable to contaminants in drinking water than is the general population. Immunocompromised 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 at (800) 426-4791.

Cryptosporidium

Cryptosporidium microbial a pathogen found in surface water throughout the U.S. Although filtration removes Cryptosporidium, the most commonly used filtration methods cannot guarantee 100 percent removal. Our monitoring indicates the presence of these organisms in our source water. Cryptosporidium was detected once, during a twelve-month period at our Detroit River intake plants. Current test methods do not allow us to determine if the organisms are dead or if they are capable of causing disease. Ingestion of Cryptosporidium may cause Cryptosporidiosis, abdominal infection. Symptoms of infection include nausea, diarrhea, and abdominal cramps. Most healthy individuals can overcome the disease within a few weeks. However. immuno-compromised people, infants and small children, and the elderly are at greater risk of developing life-threatening illness. We encourage immuno-compromised individuals to consult their doctor regarding appropriate precautions to take to avoid infection. Cryptosporidium must be ingested to cause disease, and it may be spread through means other than drinking water.

Questions?

Local Distribution: City of Southfield, Public Works Administration (248) 796-4880

Southeastern Oakland County Water Supply System – Water Authority offices: (248) 288-5150. Visit their Web site at www.socwa.org.

Detroit Water and Sewerage Department – Water Quality Division at (313) 926-8127.

Michigan Department of Environmental Quality – Drinking Water and Radiological Protection Division – (586) 753-3755.

U.S. Environmental Protection Agency
– Safe Drinking Water Hotline: (800)
426-4791

Water quality data for community water systems throughout the United States is available at: www.waterdata.com.

Other Monitoring

In addition to testing we are required to perform, our water system voluntarily tests for hundreds of additional substances and microscopic organisms to make certain our water is safe and of the highest quality. If you are interested in a more detailed report, contact the DWSD Water Quality Division at (313) 926-8128.







OR AT WWW.SOUTHFIELDLIBRARY.ORG

What's Happening in Southfield?

Spring | Summer 2012

April 2 -**Yard Waste Collection begins** (on your regularly scheduled trash day through November 23) Spring Break Camp (April 2-5), 9 a.m. - 4:30 p.m., P&R Building Household Hazardous Waste Day, 9 a.m. - 2 p.m., RRRASOC Center April 21 -April 28 -Southfield 2012 Volunteer Day, 8 a.m. - 1 p.m., Stevenson Elementary School 11th Annual Southfield Shred Day, 10 a.m. - 2 p.m., Southfield High School parking lot 28th Annual Fishing Derby, 8 a.m. - 2 p.m., Rouge River (at Valley Woods Trail) May 5 -Southfield Youth Baseball Opening Day, Citywide Tennis Free for All, 10 a.m., Civic Center Tennis Courts Princess & Super Hero Party, 10 a.m. - 12:30 p.m., Southfield Pavilion May 12 -Memorial Day (observed), City Offices & Library closed; Rubbish collection delayed one day all week

42nd Annual Rouge River Clean Up, 8 a.m. - 1 p.m., Beech Woods Recreation Center

Mayor's Walks begin (every Mon., Wed. & Fri three 1.2. May 19 -May 25 -May 30 -June 2-**June 4** -Eat to the Beat Concert, 12 noon - 2 p.m., City Centre Plaza June 14 -June 16 -Southfield Sports Arena Pool opens (plus free swimming lesson day), 1 - 8 p.m., Civic Center June 18 -**Summer Day Camps begin** - Call (248) 796-4620 for more information. Family Fun & Safety Night, 5:30 - 9 p.m. (Outdoor movie begins at 9 p.m.), City Hall front lawn June 27 -June 28 -Family Pool Party, 5:30 - 9 p.m., Sports Arena Pool First day to pay 2012 summer taxes and special assessments **July 1** -July 3 -**Burgh Gazebo Concerts begin**, 7 - 8:30 p.m., Burgh Historical Park (Tuesdays through August 14) **July 4** -Independence Day, City Offices & Library closed; Rubbish collection delayed one day all week July 12 -Eat to the Beat Concert, 12 noon - 2 p.m., City Centre Plaza Family Pool Party, 5:30 - 9 p.m., Sports Arena Pool 18-Hole Junior City Golf Championship, 9 a.m., Beech Woods Golf Course July 28 -Family Pool Party, 5:30 - 9 p.m., Sports Arena Pool August 2 -Primary Election, Polls open 7 a.m. - 8 p.m., Citywide August 7 -Eat to the Beat Concert, 12 noon - 2 p.m., City Centre Plaza August 9 -Southfield Open Golf Tournament, 9 a.m., Evergreen Hills Golf Course August 11 -August 12 -Southfield Open Golf Tournament, 9 a.m., Beech Woods Golf Course August 22 -Senior Appreciation Night, 5:30 p.m., Burgh Historical Park August 25 -Last day of general swim, Sports Arena Pool Soggy Doggy, 6-8 p.m., Sports Arena Pool August 27 ollow us on Facebook at City of Southfield, MI USA Southfield Volume 10, Issue 1 • Spring / Summer 2012 Living the center of it all Evergreen Road Southfield, 26000 P.O. Box 2055 MI 48037-2055 Postal Customer Presorted Standard Southfield Living is produced by the City Southfield, MI U.S. Postage of Southfield Community Relations and 48033 **PAID** Parks & Recreation Departments. Southfield, MI 48034 Permit No. 30 **Questions? Call (248) 796-5000 or visit** 48037

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