



The Villager

The Official Newsletter for Beverly Hills Residents

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Memorial Day Parade and Carnival

An annual tradition, the Beverly Hills Memorial Day Parade and Carnival will be held this year on Monday, May 27. Everyone is invited to come join the fun at this wonderful community event!

The Parade steps off from the Groves High School parking lot at 11:00 am. It travels north on Evergreen, then east on Beverly Road to Beverly Park. Participants in the parade will include the Groves High School marching band, local Boy Scouts, Girl Scouts, Cub Scouts, and Brownies, as well as Little League teams. Children who want to be in the parade are welcome to decorate their bicycles and join the parade! (Please arrive at Groves by 10:30 am.) The Parade will also include fire trucks and police vehicles.

The Carnival will take place following the parade from 12:00 noon to 2:30 pm at Beverly Park. Community groups will be sponsoring activities and games, carnival rides will be set up, and food will be available for purchase from a variety of food truck vendors. At 1:00 pm, a Memorial Day ceremony will be held around the flagpole to honor all those who have served our country.

Volunteers are needed for both the Parade and Carnival! To volunteer to help with parade coordination, please contact Patty Wainer at bhmemorialparade@gmail.com. To volunteer to help at the Carnival, please contact Janice Hausman at 248-647-1238 or hausmanhouse@gmail.com.



THANKS TO OUR SPONSORS

The Memorial Day Parade and Carnival is a fantastic tradition in our village. The Parks and Recreation Board and the Village are thankful for the support of our community sponsors who help cover the expenses of this event. Listed below are the 2018 Memorial Day Sponsors; please thank them when you patronize their business.

Platinum Sponsors

Detroit Country Day School
Premier Pet Supply

Gold Sponsors

Beverly Hills Veterinary Associates
Car Trucking, Inc.
Hubbell, Roth, and Clark

Silver Sponsors

The Corners Shopping Center
Independent Bank
National Anesthesia Services
Sue's Hallmark Shop
Thomas J. Ryan

Bronze Sponsors

Beverly Hills ACE Hardware
Birmingham Country Club
Buckles & Buckles, PLC
Northbrook Presbyterian Church



Save the Date: Concert in the Park

The Parks and Recreation Board is excited to host a Concert in the Park on Friday, June 7, 2019 featuring local artist Bob Mervak! This will be fun for the whole family! The show starts at 7:00 PM!

This is a free event and open to the public. You are encouraged to bring a lawn chair or blanket.

Please do your part to keep the park clean so we can have many more events like this in the future!



Beverly Hills Lions Club Annual Fun Run/Fun Walk



Attention all runners and walkers!

The 37th Annual Beverly Hills Lions Club Fun Run/Fun Walk (4-mile run, 2-mile walk) is on

Monday, May 27, 2019 at Beverly School

(9:00 am start for runners; 9:05 am start for walkers)

Registration: \$20 for mailed entries received by Friday, May 3, 2019

Race day registration: \$30

Ages 19 or under: \$15 advance registration or \$20 on-site registration

Walk-up Registration is 8:15 am—8:25 am

Complimentary t-shirt to all registered participants

Trophy awarded to the winner in each category!

Pick up your registration forms at the

Village of Beverly Hills or Southfield Township Offices.

Please contact Roy Waters at 248-641-8596 if you need more information

Community Calendar

May

7	Council Meeting
13	Zoning Board Meeting
15	Cable Board (7:45 am)
16	Parks & Rec Board Meeting
18	Rouge Rescue Day
21	Council Meeting
22	Planning Commission
27	Memorial Day Parade and Carnival / Fun Run
31	Village Wide Garage Sale

June

1-2	Village Wide Garage Sale
4	Council Meeting
7	Concert in the Park
10	Zoning Board Meeting
18	Council Meeting
19	Cable Board (7:45 am)
20	Parks & Rec Board Meeting
26	Planning Commission
28	Summer taxes mailed out

July

2	Council Meeting
4	Independence Day
8	Zoning Board Meeting
16	Council Meeting
17	Cable Board (7:45 am)
18	Parks & Rec Board Meeting
24	Planning Commission

August

6	Council Meeting
12	Zoning Board Meeting
15	Movie in the Park
20	Council Meeting
21	Cable Board (7:45 am)
28	Planning Commission

MAY 2019

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30						

JULY 2019

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AUGUST 2019

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All meetings are open to the public. Meetings are held in the Council Chamber at the municipal building (18500 W. 13 Mile, Beverly Hills) at 7:30 pm unless otherwise noted.

Parks & Recreation Board meetings are held at Beverly Park in May, June, and July (weather permitting).

Thanks to our volunteers!

The Village Council sends its sincerest thank you to all of our dedicated volunteers who serve on various boards and commissions in the Village of Beverly Hills.

Birmingham Area Cable Board: Bob Borgon, Sarah Bresnahan, Jim Delaney, Gilbert Gugni

Parks and Recreation Board: Molly Borgon (chairperson), Matt Goodrich (vice-chairperson), Irene Davis, Janice Hausman, William Kondak, Jennifer Ruprich, Phillip Schmitt

Planning Commission: George Ostrowski (chairperson), Patrick Westerlund (vice-chairperson), Vincent Borowski, Charles Copeland, Andrew Drummond, Antonia Grinnan, Robert Ruprich, Robert Stempien, Benjamin Wilensky

Zoning Board of Appeals: Charles Raeder (chairperson), Reanen Maxwell (vice-chairperson), David Crawford, Chris Crossen, William Donnelly, Jan Gatowski, Ashley Lepidi, Karen Mitchell, Michele Tillman, Christina Gennari (alternate), Ahmad Jawad (alternate)

Volunteers are the backbone of our community. Please take a moment to thank the people listed above when you see them around town!

Village Office Notes



Village Office Hours

Monday - Friday
8:00 am - 4:30 pm

Offices Closed:

Monday, May 27, 2019
Thursday, July 4, 2019

Administrative Staff

Chris Wilson, Village Manager

Kristin Rutkowski, Assistant
Village Manager/Clerk

Sheila McCarthy, Finance
Director

Peggy Linkswiler, Treasurer

Tom Meszler, Public Services
Director

Erin LaPere Planning &
Zoning Administrator

Dan Gosselin, Code Officer

Karrie Marsh, Assistant to the
Manager

Chandá Simmons, Utility
Billing Clerk

Carissa Brown, Building Clerk

Elizabeth Lyons, Receptionist

2019 Summer Taxes

Southfield Township collects taxes for the Village of Beverly Hills. Property owners will receive two tax bills in one envelope (one from Southfield Township for school and county taxes and one from Beverly Hills for annual operating expenses). **Both tax bills will be payable to Southfield Township.** Bills will be mailed out June 28 and are due by September 16 without penalty.

Passports

The Village of Beverly Hills is a passport acceptance agency. To apply for a new passport at the Village office, you must schedule an appointment in advance by calling 248-646-6404.

Village Wide Garage Sale

May 31-June 2

Meet the New Clerk

In February we welcomed the Village's new Assistant Manager/Clerk, Kristin Rutkowski. Rutkowski earned a Master's Degree in Public Administration from the University of Colorado, Denver and a Bachelor's Degree from DePaul University in Chicago where she double-majored in American Studies and Political Science. A Michigan native, Rutkowski has local government experience in municipalities big and small.

The clerk is the official record keeper of the Village and is responsible for posting public meeting notices, attending council meetings, and compiling agenda packets. Rutkowski also serves as the administrative liaison to the Parks & Recreation Board, sends out weekly Village update emails, maintains the Village website, and distributes the quarterly newsletter. Be sure to introduce yourself when you see Kristin around the Village! She can also be contacted via email: krutkowski@villagebeverlyhills.com.



The 2018 Consumers Annual Report on Water Quality is Available Online:

http://www.villagebeverlyhills.com/document_center/2018%20Beverly%20Hills%20CCR.pdf

or at the Village Office

Public Safety

Beverly Hills Ranks #2 in Safest Cities Report

Address:
18600 W. 13 Mile Road
Beverly Hills, MI 48025

Non-emergency number:
248-540-3400

Emergency: 911

Michigan’s 20 Safest Cities of 2019 | Originally Published by SafeWise | Written by Rebecca Edwards | Mar 19, 2019 | www.safewise.com/blog/safest-cities-michigan/
Safe Wise is happy to release our fifth annual Safest Cities report. Here are the 20 Safest Cities in Michigan for 2019. See if your city made the list. This year we welcome a number of newbies—50% of 2019’s safest cities in Michigan are new compared to 2018. But number one, Grosse Ile Township, is both a repeat and a champ, moving up from number six last year. Statewide, Michigan sees higher violent crime rates than the national average, but its property crime numbers are on the lower end. Michigan came out with 5.53 violent crimes per 1,000 people, while the national rate is 4.49. But our safest cities buck that trend—75% of them kept violent crime below 10 total incidents. Michigan beat the national rate for property crime, boasting just 21.47 incidents per 1,000, versus 27.11 nationwide. Among the safest cities in the state, 90% saw fewer than 10 property crimes per 1,000 people, with no city exceeding more than 21.

Interesting Findings:

There was only one murder reported among the safest cities.

35% of the cities reported no incidents of rape.

Six cities reported zero counts each of murder, rape, and robbery.

Violent crime is the top concern in Michigan, with 56% of State of Safety participants rating it a top concern. That’s the same as the national average.

Being robbed was the number one violent crime worry, even though 55% of the state’s safest cities reported zero robberies and none had more than five. Only three of the safest cities are in the Upper Peninsula, but 40% of the top five hail from there: Houghton and Kinross Township.



- | | | | |
|-------------------------|----------------------|-------------------------|-----------------------|
| 1. Grosse Ile Township | 6. Milford | 11. Bloomfield Township | 16. Birmingham |
| 2. Beverly Hills | 7. Iron Mountain | 12. Oakland Township | 17. East Grand Rapids |
| 3. Houghton | 8. Orion Township | 13. Farmington | 18. Rochester Hills |
| 4. Kinross Township | 9. Napoleon Township | 14. Highland Township | 19. Montrose Township |
| 5. Thetford Township | 10. Addison Township | 15. Berkley | 20. Commerce Township |

Recent Village Council Actions

Your Village Council members have been busy the past few months! Here’s a recap of some of the actions they took in February, March, and April:

- Extended Village Manager Wilson’s employment contract through 2023
- Approved Automatic Aid Agreements with the Villages of Franklin and Bingham Farms
- Drafted instructions to the Planning Commission and Parks & Recreation Board
- Announced, and later filled, a vacancy on the Cable Board
- Approved a request from Kensington Community

- Church to hold an Easter Egg Hunt at Beverly Park
- Held a public hearing to receive comments for special land use at the Detroit Country Day School site
 - Held first and second reading and approved an ordinance to prohibit recreational marijuana facilities within the Village
 - Waived Park Pavilion rental fees for Baldwin Public Library’s event in August and Next’s event in September
 - Proclaimed April as National Child Abuse Awareness and Prevention Month
 - Held a workshop to discuss the FY2019-2020 budget

Public Services

Buckthorn Update

As many residents have seen, Beverly Park is undergoing an extensive buckthorn removal project. The contractors, Natural Community Services, have made significant progress over the last few months. They reported that some of the buckthorn had likely been growing unchecked for 40+ years and even commented that the buckthorn they treated in Beverly Park was among the largest they have ever encountered.

Contractors mowed down the areas with buckthorn and treated the larger stumps that remained. Some of the debris can be chipped and reused while other debris will biodegrade.

Buckthorn (*rhamnus cathartica*) is an invasive species that was originally brought to North America from Europe in the mid 1800s. Buckthorn is harmful because it out-competes native plants for sunlight and nutrients, has few natural predators, and threatens the future of wooded areas.

Since the area was exposed during late winter and early spring, germination of existing seed bed and rapid regrowth in some areas was expected. The contractors are required to perform an additional

treatment to eliminate new buckthorn growth.

After the spring treatment is complete, the Village can begin work on replanting and reforestation of the area. You'll see the first of the new trees planted in late May. We appreciate everyone's hard work and patience with this project and we're excited to see healthy, native wildlife flourish in the area!

West Nile Virus

The West Nile Virus (WNV) is a potentially serious illness. It is a seasonal epidemic in North America that flares up in the summer and continues into the fall. It can infect humans, birds, horses, and other mammals. Occasionally, the disease can be serious, even fatal.

The virus is most often spread to humans by the bite of an infected mosquito that has been infected by biting a bird that carries the virus. Whenever mosquitos are active, the

risk of getting WNV increases. The risk is highest from late July to September.

In an effort to prevent the virus from spreading, Oakland County has a program to reimburse local municipalities on qualifying expenditures such as insect repellent and larvicide. Some of these qualifying products are available at the Village Office free to residents while supplies last.

Visit OakGov.com/Health for more information.



From the Building Department:

Planning on replacing your windows, siding, or gutters this summer? Make sure the proper permits are pulled with the Building Department! Final inspections are required as well.

Yard Waste Collection

Yard waste collection began on Monday, April 1, 2019. Curbside collection is provided from the first Monday in April to the third Tuesday in December. When a holiday falls on a weekday, curbside collection will be delayed one day. Collection begins at 7:00 am and containers must be removed from the curb by 7:00 am the following day.

Yard waste must remain separate from trash and recyclables. Yard waste items include, but are not limited to: leaves, twigs, roots, and vines. You may place yard waste in 30-gallon brown paper waste bags or in trash bins that

are labeled “yard waste.” “Yard waste” stickers are available at the Village Office. Yard waste containers shall not weigh over 50 pounds. Yard waste must be small enough in length (under 4 feet) to fit in a designated container. Brush that is less than 2 inches in diameter may be bundled with twine for collection. Larger branches (over 2 inches in diameter) may be disposed of as trash, if properly bundled. Chipping services are also available in the area, but residents must arrange that at their own expense.

The following items are NOT considered yard waste:

- Meat, fish, bones
- Charcoal
- Coffee grounds
- Dairy products
- Oils and fats
- Pet manure, cat litter
- Plastic pots or flats
- Plastics marked “biodegradable”
- Noxious weeds (e.g. garlic mustard)
- Newspaper; paper products
- Bread
- Cooked food
- Egg shells

These items are trash and should be placed in the appropriate container manufactured for refuse disposal.



Compost

Composting certain types of waste can provide several benefits for healthy soils and water quality. Composting increases water-holding capacity of sandy soils, enhances the permeability of clay soils, prevents soil erosion, and slowly releases nutrients to plant roots. Fruit and vegetable scraps, grass clippings, sod, spent flowers, straw bales, saw dust, and wood shavings are some of the materials that can be composted. For a complete list, visit www.socrra.org.

There’s an app for that!

Around the Community



Having Issues with Your Cable Provider?

The Birmingham Area Cable Board represents the communities of Beverly Hills, Birmingham, Bingham Farms and Franklin and works with escalation teams established by the cable companies to resolve issues (cable service, billing, wires). Cable concerns may be submitted via the BACB website (www.birminghamareacableboard.org) or by calling our Executive Director Cathy White at 248-336-9445.

The BACB meets on the third Wednesday of every month at 7:45 am at the Beverly Hills Village office and members of the public are welcome to attend.

BACB meetings are broadcast on Comcast channel 15, AT&T channel 99, and WOW! channel 10.



Your Place to Stay Active & Connected

Active adults have enjoyed the programs and support services offered at Next for over 40 years! We continue to evolve to meet the diverse interests of today's residents over the age of 50. Each month, Next has over 250 activities on the calendar to keep you active and connected. From creative arts, fitness, and enrichment, to the many spring offerings such as cycling groups, golf leagues, Pickleball at the Birmingham Ice Rink, the outdoor Fit Park, and men's softball, Next is offering a greater variety of programs than ever before! Check out our website for more information on all we offer: www.BirminghamNext.org

Next also offers support services that focus on allowing older adults to live independently and age in place. Our comprehensive Support Service Department provides information and referrals, transportation services, nutritional support and much, much more. Ask us anything – we are here to help!

Call (248) 203-5270 or stop in for a tour - Next is located at 2121 Midvale Street right behind Seaholm High School.



BALDWIN PUBLIC LIBRARY

248-647-1700 www.baldwinlib.org 300 W. Merrill St. Birmingham, MI 48009
HOURS: M–Th 9:30 to 9 p.m. F–Sat 9:30 to 5:30 p.m. Sun 12 to 5 p.m.



Summer Reading Open House: A Universe of Stories

*FRIDAY, JUNE 14
FROM 1:00 PM TO 4:00 PM*

*Enjoy special programs for all ages
throughout the summer.*

Join us for a fun-filled afternoon celebrating the start of Summer and our 2019 Summer Reading Program. Sign up and earn the chance to win prizes all summer just by reading great books!

Can't make it on June 14th? No problem! Stop by the Library any time this summer to sign up.

Youth Room Expansion & Renovation

Baldwin's Youth Room expansion and renovation project will begin in late August after Summer Reading ends. The project, which is expected to be completed in spring 2020, will bring the following enhancements:

- Expansion of Youth Room by 40%, or approximately 2,000 square feet
- Larger play area, story room, seating areas, and a separate room for strollers
- New furniture, carpeting, and lighting
- New display cases and a large aquarium
- ADA compliance
- Modernized restrooms with increased capacity
- Outdoor children's terrace and garden
- Exposure of brick on original 1927 building
- Energy-efficient, glare-reducing glass from floor to ceiling

During the project, some Youth materials will be moved into storage, although the highest-demand items will be available in a temporary Youth area. If you're unable to locate an item you need, a librarian can arrange for you to obtain it through interlibrary loan.

Follow project updates at baldwinlib.org/renovation.



Other Upcoming Programs

Frank Lloyd Wright Homes of Southeast Michigan –
Wednesday, May 8 at 7:00 p.m.

Endangered Species, with Howell Nature Center –
Saturday, May 11 at 11:00 a.m.

Teen Ani-May Night – Thursday, May 16 at 6:30 p.m.

Starlab for Grades K-5 – Thursday, June 20 at 2:00, 2:40 or
3:20 p.m.

Sign up for our Youth, Teen, and Adult Events newsletters at www.baldwinlib.org/library-newsletter

Baffling Bill's Blast Off with Books Magic Show –
Tuesday, July 9 at 2:00 p.m.

Chill with Dr. Nitro – Thursday, July 18 at 6:30 p.m.

History of the Blues with Joey Leone – Saturday, July 27 at
7:00 p.m.

Around the Community



Programs for Young Learners

A world of opportunities awaits for young learners in the Birmingham Public Schools.

Wee Care - infants, toddlers, 3 and 4 year old preschool

Early Childhood Center - toddlers, 3 and 4 year old preschool

BPS Elementary Schools - Preschool programs for 3 and 4 year olds

Great Start Readiness Program - Free preschool for those who qualify

Let us help you find a preschool program that fits your young learner! Please contact 248-203-5805 for more information.



Kindergarten Registration

Do you have a child who will be 5 years old by September 1, 2019? It's time to register him/her for Kindergarten! Please visit the Prospective Families tab of the BPS website for enrollment requirements and information. You will need to make an appointment with the enrollment coordinator to complete the enrollment process. Please plan to register your child soon, so that he/she can attend the Kindergarten visit day(s) at their new school.

Project Kidsight



Lions District 11-A2

Project Kidsight provides free vision screenings to children ages 6 months and up. It's fast, non-invasive, and has an accuracy rating of 98%. Screenings are held at Baldwin Public Library and are sponsored by the Beverly Hills Lions Club.



Beverly Hills Lions Club
Interested in joining us?

For more information call 248-270-8108, or email us at bhmi.lions.info@gmail.com

website: e-clubhouse.org/sites/beverlyhillsmi/index.php

Serving our Community Since 1972



All are welcome to attend Rouge Rescue Day 2019! Come out to the Douglas Evans Nature Preserve (31835 Evergreen Road) on Saturday, May 18th from 10:00 am to 12:00 pm for a fun day for the entire family! There will be a cleanup and invasive species removal, along with educational activities and a nature walk. Dress comfortably.

The Friends of the Rouge is a 501(c)(3) nonprofit organization committed to raising awareness about the need to clean up the Rouge River in southeast Michigan. Its mission is to restore, protect, and enhance the Rouge River watershed through stewardship, education, and collaboration. Rouge Rescue is an annual river clean up event where volunteers across the region come together at numerous work sites to restore a clean and healthy Rouge River environment.

Odds and Ends

Speaking of ends . . . don't forget to clean up after your dog! Per the Village's Municipal Code: "It shall be unlawful for any person to permit a dog owned, harbored or possessed by that person to deposit fecal matter in any place other than the premises where the dog is harbored and kept, unless such fecal matter is immediately collected and removed to the premises where the dog is harbored or kept" (Ch. 14.06). Don't get fined for Fido's fecal matter.



Pet licenses required! Residents of Beverly Hills with a dog or cat four months or older are required to obtain an annual pet license. Licenses can be paid for and obtained at the Southfield Township office (18550 W. 13 Mile Road). Please bring a current proof of rabies vaccination. Dog licenses cost \$5 on or before April 1st and \$10 after April 1st. Cats also require a license, but there is no fee for our feline friends. If you have any questions, please call 248-540-3420.

Safety First! Keep your pet on a close leash. Oakland County has seen an increase of coyotes making their way into residential areas. When food sources deplete in their regular habitat, coyotes seek food elsewhere. To deter coyotes from entering your yard, be sure that nothing is left out that they may want to eat. If you feed your pets outside, bring in their bowls when they're finished to keep pests - and predators - away.

Fences! The Village requires a permit before you can replace or install a fence on your property. Generally, fences are permitted in the rear yard, are limited to 4 foot height, and must be 35% open to air and light. In 2018, Village Council modified the fence ordinance to allow taller, solid style fencing as long as certain conditions are met. Make sure you know all the rules before you begin constructing a fence. Call the Building Department for more information!

Oakland County
MICHIGAN
WORKS!

A Proud Partner of the American
Job Center Network

YOUR TOP RESOURCE

- ✓ Recruiting & Retaining Talent
- ✓ Training Support
- ✓ Labor Market Information

Did you know?

Oakland County

- has the most workers in Michigan engaged in scientific research and development
- is the 10th among U.S. counties for those with degrees in engineering
- is higher than the national average in percentage of residents with college degrees (43% versus 29%)

Find more info at: www.OaklandCountyMIWorks.com



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Beverly Hills, MI 48025
248-646-6404
www.villagebeverlyhills.com

Council President
Lee Peddie

Council Members
Rock Abboud, President Pro-Tem
John George
Racheal Hrydziuszko
John Mooney
Phillip Mueller
Daniel Nunez

***Memorial Day Parade and Carnival
May 27, 2019!***



Printed on recycled paper



***Happy Independence Day!
July 4, 2019***

VILLAGE OF BEVERLY HILLS

2018 CONSUMERS ANNUAL REPORT ON WATER QUALITY

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

The Village of Beverly Hills, The Southeastern Oakland County Water Authority and the Great Lakes Water Authority (GLWA) are proud of the fine drinking water they supply and are honored to provide this report to you. The 2018 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 Michigan Department of Environmental Quality (MDEQ).

About the System

The Village of Beverly Hills purchases water from the Southeastern Oakland County Water Authority (SOCWA) at two locations. SOCWA provides GLWA 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, situated within the Lake St. Clair, Clinton River, Detroit River, Rouge River, Ecorse River, watersheds 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 GLWA's Detroit River source water for potential contamination. The susceptibility rating is based on a seven-tiered scale and ranges from very low to very high determined primarily using geologic sensitivity, water chemistry, and potential contaminant sources. The report described GLWA's Detroit River intakes as highly susceptible to potential contamination. However, all four GLWA water treatment plants that service the city of Detroit and draw water from the Detroit River have historically provided satisfactory treatment and meet drinking water standards.

GLWA has initiated source-water protection activities that include chemical containment, spill response, and a mercury reduction program. GLWA participates in a National Pollutant Discharge Elimination System permit discharge program and has an emergency response management plan. In 2016, the Michigan Department of Environmental Quality approved the GLWA Surface Water Intake Protection Program plan. The programs include seven elements that include the following: roles and duties of government units and water supply agencies, delineation of a source water protection areas, identification of potential of sources of contamination, management approaches for protection, contingency plans, siting of new water sources, public participation and public education activities. If you would like to know more information about the Source Water Assessment report please, contact GLWA at (313 926-8102).

And/or

Your source water comes from the lower Lake Huron watershed. The watershed includes numerous short, seasonal streams that drain to Lake Huron. 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 a seven-tiered scale ranging from "very low" to "very high" based primarily on geologic sensitivity, water chemistry, and contaminant sources. The Lake Huron source water intake is categorized as having a moderately low susceptibility to potential contaminant sources. The Lake

Huron water treatment plant has historically provided satisfactory treatment of this source water to meet drinking water standards.

In 2015, GLWA received a grant from the Michigan Department of Environmental Quality to develop a source water protection program for the Lake Huron water treatment plant intake. The program includes seven elements that include the following: roles and duties of government units and water supply agencies, delineation of a source water protection areas, identification of potential of source water protection area, management approaches for protection, contingency plans, siting of new sources and public participation and education. If you would like to know more information about the Source Water Assessment report please, contact GLWA at (313 926-8102).

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 storm water 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 storm water 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 storm water runoff and septic systems.

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, 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.

Key to the Detected Contaminants Table

Symbol	Abbreviation	Definition/Explanation
>	Greater than	
°C	Celsius	A scale of temperature in which water freezes at 0° and boils at 100° under standard conditions.
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.
Level 1	Level 1 Assessment	A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in the water system.
Level 2	Level 2 Assessment	A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
LRAA	Locational Running Annual Average	The average of analytical results for samples at a particular monitoring location during the previous four quarters.
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 contaminant in drinking water below which there is no known or expected risk to health.
MRDL	Maximum Residual Disinfectant Level	The highest level of 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 a drinking water disinfectant below which there is no known or expected risk to health. MRLDG's do not reflect the benefits of the use of disinfectants to control microbial contaminants.
n/a	not applicable	
ND	Not Detected	
NTU	Nephelometric Turbidity Units	Measures the cloudiness of water.
pCi/L	Picocuries Per Liter	A measure of radioactivity
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.
RAA	Running Annual Average	The average of analytical results for all samples during the previous four quarters.
TT	Treatment Technique	A required process intended to reduce the level of a contaminant in drinking water.
TTHM	Total Trihalomethanes	Total Trihalomethanes is the sum of chloroform, bromodichloromethane, dibromochloromethane and bromoform. Compliance is based on the total.
µmhos	Micromhos	Measure of electrical conductance of water

**Springwells Water Treatment Plant
2018 Regulated Detected Contaminants Tables**

2018 Inorganic Chemicals – Monitoring at the Plant Finished Water Tap								
Regulated Contaminant	Test Date	Unit	Health Goal MCLG	Allowed Level MCL	Highest Level Detected	Range of Detection	Violation yes/no	Major Sources in Drinking Water
Fluoride	6-12-2018	ppm	4	4	0.67	n/a	no	Erosion of natural deposits; Water additive, which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate	6-12-2018	ppm	10	10	0.34	n/a	no	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Barium	5-16-2017	ppm	2	2	0.01	n/a	no	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits

2018 Disinfectant Residuals – Monitoring in Distribution System by Treatment Plant								
Regulated Contaminant	Test Date	Unit	Health Goal MRDLG	Allowed Level MRDL	Highest RAA	Quarterly Range of Detection	Violation yes/no	Major Sources in Drinking Water
Total Chlorine Residual	Jan-Dec 2018	ppm	4	4	0.68	0.63-0.69	no	Water additive used to control microbes

2018 Turbidity – Monitored every 4 hours at Plant Finished Water			
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
0.25 NTU	100%	no	Soil Runoff
Turbidity is a measure of the cloudiness of water. We monitor it because it is a good indicator of the effectiveness of our filtration system.			

Regulated Contaminant	Treatment Technique 2018	Typical Source of Contaminant
Total Organic Carbon (ppm)	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 quarter and because the level was low, there is no TOC removal requirement	Erosion of natural deposits

Contaminant	MCLG	MCL	Level Detected 2018	Source of Contamination
Sodium (ppm)	n/a	n/a	6.00	Erosion of natural deposits

GLWA voluntarily monitors for Cryptosporidium and Giardia in our untreated source water monthly. The March 2018 untreated water samples collected from the Belle Isle intake indicated the presence of one Giardia cyst. All other samples collected from the Belle Isle intake in the year 2018 were absent for the presence of Cryptosporidium and Giardia. Systems using surface water like GLWA must provide treatment so that 99.9 percent of Giardia lamblia is removed or inactivated.

Northeast Water Treatment Plant
2018 Regulated Detected Contaminants Tables

2018 Inorganic Chemicals – Monitoring at the Plant Finished Water Tap								
Regulated Contaminant	Test Date	Unit	Health Goal MCLG	Allowed Level MCL	Highest Level Detected	Range of Detection	Violation yes/no	Major Sources in Drinking Water
Fluoride	6-12-2018	ppm	4	4	0.65	n/a	no	Erosion of natural deposits; Water additive, which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate	6-12-2018	ppm	10	10	0.36	n/a	no	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Barium	5-16-2017	ppm	2	2	0.01	n/a	no	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits

2018 Disinfectant Residuals – Monitoring in Distribution System by Treatment Plant								
Regulated Contaminant	Test Date	Unit	Health Goal MRDLG	Allowed Level MRDL	Highest RAA	Quarterly Range of Detection	Violation yes/no	Major Sources in Drinking Water
Total Chlorine Residual	Jan-Dec 2018	ppm	4	4	0.73	0.68-0.77	no	Water additive used to control microbes

2018 Turbidity – Monitored every 4 hours at Plant Finished Water			
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
0.20 NTU	100 %	no	Soil Runoff
Turbidity is a measure of the cloudiness of water. We monitor it because it is a good indicator of the effectiveness of our filtration system.			

Regulated Contaminant	Treatment Technique 2018	Typical Source of Contaminant
Total Organic Carbon (ppm)	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 quarter and because the level was low, there is no TOC removal requirement	Erosion of natural deposits

Special Monitoring 2018				
Contaminant	MCLG	MCL	Level Detected 2018	Source of Contamination
Sodium (ppm)	n/a	n/a	5.94	Erosion of natural deposits

GLWA voluntarily monitors for Cryptosporidium and Giardia in our untreated source water monthly. The March 2018 untreated water samples collected from the Belle Isle intake indicated the presence of one Giardia cyst. All other samples collected from the Belle Isle intake in the year 2018 were absent for the presence of Cryptosporidium and Giardia from the Belle Isle intake. Systems using surface water like GLWA must provide treatment so that 99.9 percent of Giardia lamblia is removed or inactivated.

**Lake Huron Water Treatment Plant
2018 Regulated Detected Contaminants Tables**

2018 Inorganic Chemicals – Monitoring at the Plant Finished Water Tap								
Regulated Contaminant	Test Date	Unit	Health Goal MCLG	Allowed Level MCL	Highest Level Detected	Range of Detection	Violation yes/no	Major Sources in Drinking Water
Fluoride	6-12-2018	ppm	4	4	0.76	n/a	no	Erosion of natural deposits; Water additive, which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate	6-12-2018	ppm	10	10	0.33	n/a	no	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Barium	5-16-2017	ppm	2	2	0.01	n/a	no	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits

Regulated Contaminant	Test Date	Unit	Health Goal MRDLG	Allowed Level MRDL	Highest RAA	Quarterly Range of Detection	Violation yes/no	Major Sources in Drinking Water
Total Chlorine Residual	Jan-Dec 2018	ppm	4	4	0.83	0.79-0.87	no	Water additive used to control microbes

2018 Turbidity – Monitored every 4 hours at Plant Finished Water				
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
0.17 NTU	100 %		no	Soil Runoff
Turbidity is a measure of the cloudiness of water. We monitor it because it is a good indicator of the effectiveness of our filtration system.				

Regulated Contaminant	Treatment Technique 2018	Typical Source of Contaminant
Total Organic Carbon (ppm)	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 quarter and because the level was low, there is no TOC removal requirement	Erosion of natural deposits

Radionuclides 2014							
Regulated contaminant	Test date	Unit	Health Goal MCLG	Allowed Level	Level detected	Violation Yes/no	Major Sources in Drinking water
Combined Radium 226 and 228	5-13-14	pCi/L	0	5	0.86 + or - 0.55	no	Erosion of natural deposits

Contaminant	MCLG	MCL	Level Detected 2018	Source of Contamination
Sodium (ppm)	n/a	n/a	5.21	Erosion of natural deposits

VILLAGE OF BEVERLY HILLS

2018 Disinfection By-Products – Monitoring in Distribution System, Stage 2 Disinfection By-Products								
Regulated Contaminant	Test Date	Unit	Health Goal MCLG	Allowed Level MCL	Highest LRAA	Range of Detection	Violation yes/no	Major Sources in Drinking Water
Total Trihalomethanes (TTHM)	2018	ppb	n/a	80	33	19.5–40.6	no	By-product of drinking water chlorination
Haloacetic Acids (HAA5)	2018	ppb	n/a	60	13	9–13	no	By-product of drinking water disinfection

Lead and Copper Monitoring at Customers' Tap - January 1, 2018 through June 30, 2018								
Regulated Contaminant	Test Date	Unit	Health Goal MCLG	Action Level AL	90 th Percentile Value*	Number of Samples over AL	Violation yes/no	Major Sources in Drinking Water
Lead	2017	ppb	0	15	0 ppb	1	no	Corrosion of household plumbing system; Erosion of natural deposits.
Copper	2017	ppm	1.3	1.3	0.1 ppm	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.								

Lead and Copper Monitoring at Customers' Tap - July 1, 2018 through December 31, 2018								
Regulated Contaminant	Test Date	Unit	Health Goal MCLG	Action Level AL	90 th Percentile Value*	Number of Samples over AL	Violation yes/no	Major Sources in Drinking Water
Lead	2017	ppb	0	15	1 ppb	0	no	Corrosion of household plumbing system; Erosion of natural deposits.
Copper	2017	ppm	1.3	1.3	0.13 ppm	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.								

2018 Microbiological Contaminants – Monthly Monitoring in Distribution System					
Regulated 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 Bacteria	0	A routine sample and a repeat sample are total coliform positive, and one is also E.coli positive.	0	no	Sanitary defects

2018 Violation Notice-Monitoring and Reporting for Lead and Copper

The records of the Department of Environmental Quality (DEQ), Drinking Water and Municipal Assistance Division (DWMAD), show that the village of Beverly Hills is in violation of the Safe drinking Water Act, 1976 PA 399, as amended (ACT 399); specifically, R 325.10710d, *Reporting Requirements for lead, copper, and corrosion control* for the 1979 Administrative Code.

In accordance with the above rule, a supplier of water shall submit a sample copy of the Consumer Notice of Lead and Copper Results in Drinking Water (Consumer Notice) along with certification the Consumer Notice has been distributed. The DEQ must receive these documents within three months following the end of the monitoring period.

On July 9, 2018, the required lead and copper report was submitted, but the Consumer Notice was not included. After email correspondence, the DEQ was able to obtain the required document on November 1, 2018.

The DEQ 's investigation is considered complete. The Village of Beverly Hills went out of compliance on September 29, 2018 and has already returned to compliance.

Important Health Information

Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Village of Beverly Hills 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 <http://www.epa.gov/safewater/lead>.

Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

People with Special Health Concerns

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

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 flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the Safe Drinking Water Hotline (800-426-4791).

Questions:

Local Distribution: Village of Beverly Hills, Public Works Administration (248) 646-6404

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

Great Lakes Water Authority – www.glwater.org

Michigan Department of Environmental Quality - (586) 753-3755 – www.michigan.gov/deg

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 <https://www.epa.gov/wqs-tech>