

Village of Beverly Hills
Regular Village Council Meeting
Tuesday, July 6, 2021

Municipal Building
18500 W. 13 Mile Road
7:30 p.m.

Zoom link: <https://us02web.zoom.us/j/87319735471>

Meeting ID: 873 1973 5471

Dial in Number: 1-646-876-9923 (US)

AGENDA

Roll Call/Call to order

Pledge of Allegiance

Amendments to Agenda/Approve Agenda

Community Announcements

Public Comments on items not on the published agenda

Consent Agenda

1. Review and consider approval of **minutes** of a regular Council meeting held June 15, 2021.
2. Review and file **bills** recapped as of Monday, June 21, 2021.
3. Review and file **bills** recapped as of Tuesday, July 6, 2021.
4. Review and consider annual funding **request** from Birmingham Bloomfield Community Coalition.
5. Review and consider Parks & Recreation Board's **recommendation** to approve ITP 5K Walk at Beverly Park on September 11, 2021.
6. Review and consider Parks & Recreation Board's **recommendation** to approve Roeper School's Cross Country Meet at Beverly Park on September 27, 2021.

Business Agenda

1. Review and consider Parks & Recreation Board's **request** to host a Concert in the Park in August 2021.
2. First **announcement** of a vacancy on the Zoning Board of Appeals.
3. Receive and file MERS **Annual Actuarial Valuation** for year ending December 31, 2020.

Public comments

Manager's **report**

Council comments

Adjournment

This will be a hybrid meeting held in person in the Village Council Chambers with a remote participation option available via Zoom due to the COVID-19 pandemic.

The Village of Beverly Hills will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audiotapes of printed materials being considered at the meeting, to individuals with disabilities attending the meeting upon three working days' notice to the Village. Individuals with disabilities requiring auxiliary aids or services should contact the Village by writing or phone, 18500 W. Thirteen Mile Beverly Hills, MI 48025 (248) 646-6404.

REGULAR COUNCIL MEETING MINUTES – JUNE 15, 2021 – PAGE 1

Present: President George; President Pro-Tem Hrydziusko; Members: Abboud, Kecskemeti, Mooney, O’Gorman, and Peddie
All members participated remotely via Zoom from Beverly Hills, Michigan.

Absent: None

Also Present: Village Manager, Wilson
Village Clerk / Assistant Manager, Rutkowski
Village Attorney, Ryan
Public Safety Deputy Director, Shock

President George called the regular Village Council meeting to order at 7:30 p.m. virtually via Zoom due to the ongoing COVID-19 pandemic. The Pledge of Allegiance was recited by those in attendance.

AMENDMENTS TO AGENDA/APPROVE AGENDA

Motion by Mooney, second by Kecskemeti, be it resolved, the agenda is approved as published.

Roll Call Vote:
Motion passed (7-0)

COMMUNITY ANNOUNCEMENTS

None.

PUBLIC COMMENTS

Cris Frisone, Elizabeth Street, commented on communication in the Village.

CONSENT AGENDA

Motion by Mooney, second by Abboud, be it resolved, the consent agenda is approved as published.

1. Review and consider approval of minutes of a regular Council meeting held June 1, 2021
2. Review and file bills recapped as of Monday, June 7, 2021.

Roll Call Vote:
Motion passed (7-0)

BUSINESS AGENDA**PUBLIC HEARING TO RECEIVE COMMENTS ON THE DRINKING WATER STATE REVOLVING FUND PROJECT PLAN**

George opened the public hearing at 7:38 p.m. Renee Ogden, stenographer, was in attendance.

Wilson provided an overview of the Drinking Water State Revolving Fund.

Bradley Shepler, Hubbell, Roth, & Clark, Inc., gave a presentation on the DWSRF Project Plan which included the project background, alternatives, schedule, costs, social & environmental impacts, and mitigation of impacts. He answered questions from the Council.

Karen Gilbert, Beverly Hills, commented on the proposed project area and asked about ranking of other areas in the Village.

Adam Beslove, Beverly Hills, supported the Village working on this project preemptively to avoid any major problems. He asked about putting utility lines in the existing pipes.

Sarah Peters, Beverly Hills, asked if there would be any impacts to the landscaping in the back of residents' properties.

Kathleen Tootell, Beverly Hills, asked for clarification about the proposed connections. She also asked about filling the lines with concrete.

No one else from the public wished to be heard, so the public hearing was closed at 8:28 p.m.

REVIEW AND CONSIDER RESOLUTION ADOPTING A FINAL PROJECT PLAN FOR WATER SYSTEM IMPROVEMENTS

The following resolution was made in a motion by Kecskemeti, second by Mooney:

WHEREAS, the Village of Beverly Hills recognizes the need to make improvements to its existing residential drinking water system; and

WHEREAS, the Village of Beverly Hills authorized *Hubbell, Roth and Clark* to prepare a Project Plan, which recommends the installation of over 8,000 feet of 8-inch water main, abandonment of approximately 16,000 feet of vintage 4-inch water main, and reconnection of approximately 300 water services; and

WHEREAS, said Project Plan was presented at a Public Hearing held on June 15, 2021 and all public comments have been considered and addressed.

NOW THEREFORE BE IT RESOLVED, that the Village of Beverly Hills formally adopts said Project Plan and agrees to implement the selected alternative (Alternative No. 3 – “Upgrading Existing System - Abandon Backyard Water Main”).

BE IT FURTHER RESOLVED, that the Village Manager, a position currently held by Chris Wilson, is designated as the authorized representative for all activities associated with the project referenced above, including the submittal of said Project Plan as the first step in applying to the State of Michigan for a revolving fund loan to assist in the implementation of the selected alternative.

Roll Call Vote:
Motion passed (7-0)

REVIEW AND CONSIDER SUBCOMMITTEES' RECOMMENDATIONS FOR VARIOUS BOARD/COMMISSION VACANCIES

Several board and commission members' terms expire on June 30, 2021. Announcements of these vacancies were made at the May 4th and May 18th Council meetings as well as published on the Village website. Applications were due Wednesday, June 2, 2021.

Pursuant to Council policy, a subcommittee has been formed for each board/commission to review the new applicants and those members who wish to be considered for reappointment. Each subcommittee will meet on Tuesday, June 15, 2021 via Zoom prior to the regular Council meeting.

George thanked all of the applicants for submitting applications and encouraged them to stay involved in the community. He thanked all of the outgoing board/commission members for their service to the Village. He thanked the subcommittees for their time and effort.

Motion by Mooney, second by O’Gorman, be it resolved, the Beverly Hills Village Council appoints Ray Kamoo to the Birmingham Area Cable Board for a full term beginning July 1, 2021 and ending June 30, 2024.

Roll Call Vote:

Motion passed (7-0)

Motion by Hrydziuszko, second by Abboud, be it resolved, the Beverly Hills Village Council appoints Janice Hausman, Jennifer Ruprich, and Eli Bayless to the Parks & Recreation Board for full terms beginning July 1, 2021 and ending June 30, 2024.

Roll Call Vote:

Motion passed (7-0)

Motion by Peddie, second by Mooney, be it resolved, the Beverly Hills Village Council appoints Andrew Drummond, Ahmad Jawad, and Ashley Harper to the Planning Commission for full terms beginning July 1, 2021 and ending June 30, 2024 with the condition that Mr. Jawad resign from his current seat on the Zoning Board of Appeals.

Roll Call Vote:

Motion passed (7-0)

Motion by O’Gorman, second by Abboud, be it resolved, the Beverly Hills Village Council appoints David Crawford, Andrew Erickson, and Charlotte Keller to the Zoning Board of Appeals for full terms beginning July 1, 2021 and ending June 30, 2024. Be it further resolved, the Village Council appoints Jeffrey Buehner to the Zoning Board of Appeals as an Alternate Member for a term beginning July 1, 2021 and ending June 30, 2023 and the Village Council appoints Leslie Rott Welsbacher to the Zoning Board of Appeals as an Alternate Member for a term beginning July 1, 2021 and ending June 30, 2024.

Roll Call Vote:

Motion passed (7-0)

REVIEW AND CONSIDER METRO ACT PERMIT APPLICATION FROM 123NET

On May 13, 2021, Administration received a Metro Permit application from 123NET. The application is for existing infrastructure this company has in the Village under a prior permit, which expired on January 7, 2021. This Permit anticipates no further construction in the Village. This application is for the continuing access and ongoing use of public ways as regulated by the Telecommunications Providers under Metropolitan Extension Telecommunications right-of-way oversight ACT 202 PA 48, MCLA sections 484.3101 to 484.3120. (Metro Act)

THESE MINUTES ARE NOT OFFICIAL. THEY HAVE NOT BEEN APPROVED BY THE VILLAGE COUNCIL.

Village Attorney Ryan has reviewed the Application and found the application to be complete. The Five Hundred (\$500.00) Dollar application fee as required by the statute has been provided as well as the Certificate of Insurance naming the Village on the insurance policy. A route map showing the existing underground cable and existing aerial within the village limits is also included, as required.

Under the Metro Act, the Village has 45 days to either approve or deny the request and Ryan found that the application and attachments are in order and would recommend approval by Village Council. Under the statute the Village has to render a decision on or about June 28, 2021.

Motion by O’Gorman, second by Hrydziuszko, be it resolved, the Beverly Hills Village Council approves the Metro Act Permit Application submitted by 123NET dated May 13, 2021 and authorizes the Village Manager to sign the Right-of-Way Telecommunications Permit.

Roll Call Vote:
Motion passed (7-0)

REVIEW AND CONSIDER REQUEST FROM THE PUBLIC SAFETY DEPARTMENT TO PURCHASE BALLISTIC VESTS AND CARRIERS

Ballistic vests have a 5-year service life. The Public Safety Department’s ballistic vests have reached the end of its service life. Administration contacted our preferred uniform supplier, Nye Uniform to measure officers. Twenty-two officers required a replacement vest. Four officers require a replacement exterior carrier. Six pair of high caliber plates were replaced in the patrol vehicles.

Department policy require officers to wear a ballistic vest while serving the community. Administration will submit a request for grant funding through the Department of Justice (DOJ). The DOJ provides 50% reimbursement for each ballistic vest with a \$20,000.00 cap on the total purchase cost.

Equipment: Point Blank Body Armor and Guardian external carrier.

Cost: Ballistic vest and carrier \$1,291.00.00 X 22 officers = \$28,402.00
Ballistic Vest Carrier \$241.00 X 4 officers = \$964.00
Rifle plates \$275.00 X 6 = \$1,650.00
Rifle plates \$230.00 X 6 = \$1,380.00

Motion by Peddie, second by Mooney, be it resolved, the Village Council approve invoices submitted by Nye Uniform 1030 Scribner NW Grand Rapids, MI 49504 totaling \$31,528.00 from account 205-900-980.02.

Roll Call Vote:
Motion passed (7-0)

REVIEW AND CONSIDER REQUEST FROM THE PUBLIC SAFETY DEPARTMENT TO PURCHASE OFFICE FURNITURE

Office furniture located in the patrol supervisor office and patrol report writing room have reached the end of life. Most of the drawers on the cabinets are broken and all of the desktops have cracked

THESE MINUTES ARE NOT OFFICIAL. THEY HAVE NOT BEEN APPROVED BY THE VILLAGE COUNCIL.

and chipped tops. Supervisors are not able to secure documents because locks are broken. The office furniture is used on a 24/7 basis and is 25 years old.

Administration contacted the Village of Beverly Hills preferred vendor, Interior Environments which provides office equipment for the Village Office. Interior Environments evaluated the space in terms of use and provided a proposal. Administration requested the quality or grade of furniture match the Village Office furniture. Interior Environments offers a 1-year warranty while Allsteel offers a 5-year warranty. Funds for this project have been budgeted for in the 20/21 FY budget.

Motion by Peddie, second by Mooney, be it resolved, the Village Council approves proposal 5028 provided by Interior Environments in the amount of \$22,899.13 located at 48700 Grand River Ave. Novi, MI 48374. Funds for this purchase are available in account 205-900-976.01.

Roll Call Vote:
Motion passed (7-0)

REVIEW AND CONSIDER FISCAL YEAR 2020-2021 BUDGET AMENDMENTS

Proposed FY 2020-2021 Village of Beverly Hills final Budget Amendments were provided to the Council for review.

There are General Fund amendments adjusting various revenue and expenditure accounts to estimated year end balances. Included in the amendments is an additional Local Community Stabilization Share payment received from the State and increased Constitutional State sales tax. Public Service salaries were decreased. Interfund transfers to the Capital Fund and Major Fund were increased to cover the additional accrued expenditures on the Federal Project and the additional expenditures for the Public Safety parking lot. The effect of the amendments is a net of revenue and expenditure decrease of \$77,418.

In Major Roads and Local Roads there are amendments adjusting various revenue and expenditure accounts to estimated year end balances. There are amendments increasing the contribution from General to Major and decreasing the contribution from Major to Local. Other amendments are to reflect the contribution that will be received in FY21 from the City of Southfield and the Road Commission of Oakland County on the 13 Mile Federal Road Project. The Project will be finalized and closed out in FY22. The effect of the amendments is a net of revenue and expenditure increase of \$248 in Major Roads and a net of revenue and expenditure decrease of \$107,171 in Local Roads.

In the Public Safety Fund there are various revenue and expenditure adjustments to expected actuals. Salaries and wages were adjusted downward due to unfilled positions throughout the year along with adjustments to benefits and various expenditures. Overtime was adjusted slightly upward for the continued effect of COVID and capital outlay was adjusted downward to reflect the difficulty in purchasing capital. The effect of the amendments is a net of revenue and expenditure increase of \$189,328.

In the Water Fund there are amendments adjusting capital equipment purchases and sewage and storm disposal charges to actuals. The effect of the amendments is a net of revenue and expenditure decrease of \$58,953.

In the Capital Fund there are amendments increasing the contribution from General and increasing the budget for an unanticipated repair along with site improvements at Public Safety that included the public safety parking lot. The effect of the amendments is a net of revenue and expenditure decrease of \$102,813.

These proposed FY 2020-2021 Budget Amendments have been reviewed by Village Administration and are recommended for approval.

Motion by Abboud, second by Hrydziusko, be it resolved, the Village of Beverly Hills Council authorizes Village Administration to transfer or adjust monies reserved in the General, Major Roads, Local Roads, Public Safety Fund, Capital Fund and Library fund as reflected in the June 11, 2021 memorandum from Finance Director, Sheila McCarthy.

Roll Call Vote:
Motion passed (7-0)

PUBLIC COMMENTS

None.

MANAGER'S REPORT

Beverly Greenfield Intersection – Village Administration met with representatives from Royal Oak and the Road Commission this week to discuss preliminary design work for potential modifications to the intersection of Greenfield and Beverly/Normandy. Per the Road Commission, they are examining options to incorporate a compact or single lane roundabout at this intersection. It is their opinion that such a design could be incorporated in the existing right-of-way footprint at the intersection. The Village has requested that a storm drain outlet be incorporated into the design so that we could potentially use our adjacent land for storm retention/detention in the future. To the extent that we were waiting on potential impact on this project before proceeding with design of Park #5, I think it would be ok to proceed at this point. Any encroachment into the park area by this project would be minimal. It is anticipated that a full design and cost estimates will be ready by August or September of this year. Should all parties agree to move forward it is anticipated that construction would be in 2023.

14 Mile Rd. Funding – The Village received notification this week from the Office of Representative Andy Levin that our request for \$1.2 million in funding for 14 Mile had made it through the initial analysis and was going to committee markup. Representative Levin's office submitted twelve projects for funding and ours is one of five to make it to markup. Rep. Levin's office will keep us apprised of any further updates.

July 4th Trash Pickup – As the July 4th holiday is on a Sunday, Car Trucking has informed SOCRRA and the Village that they will continue with normal trash recycling and yard waste collection that week. Monday trash collection will occur as normal on Monday, July 5th, as will Tuesday collection on Tuesday, July 6th.

Cranbrook Rd. Construction – The Road Commission has announced that reconstruction on Cranbrook between 14 Mile and Maple will begin the week of June 14th with the road to be closed to through traffic on Thursday, June 17th. The official posted detour will be along 14 Mile to Lahser and back along Maple. Construction is expected to last through August.

THESE MINUTES ARE NOT OFFICIAL. THEY HAVE NOT BEEN APPROVED BY THE VILLAGE COUNCIL.

Office Closed – Village offices will be closed on Monday, July 5th for Independence Day.

COUNCIL COMMENTS

Kecskemeti thanked everyone who applied for Board and Commission positions. She stated that SOCRRA is continuing with drop-offs by appointment only. She reminded residents that there are water and sewer resources on the Village website.

Abboud gave an update on SEMCOG University. He provided an update about his meetings with MML, the Senior Advisory Council, and Next. He talked about proposed automated delivery services on public sidewalks. He thanked residents for applying to the Boards/Commission and congratulated the newly appointed members. He thanked the Public Safety Department for always putting residents first and for being approachable. He congratulated the new Birmingham Public Schools Superintendent, Dr. Embekka Roberson on her appointment.

Mooney thanked Public Safety Deputy Director Howard Shock for all of the improvements he has made to the Village during his tenure. He thanked Bob Ruprich and George Ostrowski for their service to the community on the Planning Commission. He thanked Bill Kondak for his years spent as a Scout Master and Parks & Recreation Board member.

Hrydziuszko echoed Mr. Mooney and stated she has learned so much from the outgoing Board/Commission members. She thanked all of the residents who applied for Board/Commission positions. She stated the June 4th Concert in the Park was a success and thanked the Parks & Recreation Board and Rutkowski for their work on the event. She stated the DIA Inside|Out art reproductions have been installed around the Village. She also noted that there is a Parks & Recreation Board meeting on June 17, 2021.

George congratulated Deputy Director Shock on his new opportunity. He commented on Code Enforcement, buckthorn, and communication in the Village. He thanked all of the applicants who applied for the Boards/Commission. He thanked the outgoing Board and Commission members for their service.

Wilson thanked Shock for his dedicated work in Beverly Hills.

Shock thanked the community. He appreciated the kind words from Council.

ADJOURNMENT

Motion by Abboud, second by Mooney, to adjourn the meeting at 9:30 p.m.

Roll Call Vote:
Motion passed (7-0)

John George
Council President

Kristin Rutkowski
Village Clerk



TO PRESIDENT GEORGE & MEMBERS OF THE VILLAGE COUNCIL. THE FOLLOWING IS A LIST OF
EXPENDITURES FOR APPROVAL. ACCOUNTS PAYABLE RUN FROM 06/08/2021 THROUGH 07/06/2021.

ACCOUNT TOTALS:

101	GENERAL FUND	\$94,377.55
202	MAJOR ROAD FUND	\$35,561.43
203	LOCAL STREET FUND	\$27,966.34
205	PUBLIC SAFETY DEPARTMENT FUND	\$211,114.98
285	RETIREE HEALTH CARE FUND	\$3,150.00
401	CAPITAL PROJECTS FUND	\$847.08
592	WATER/SEWER OPERATION FUND	\$271,072.25
701	TRUST & AGENCY FUND	\$151,202.34
	TOTAL	<u>\$795,291.97</u>
	MANUAL CHECKS- COMERICA	\$0.00
	MANUAL CHECKS- INDEPENDENT	\$0.00
	ACCOUNTS PAYABLE	<u>\$795,291.97</u>
	GRAND TOTAL	<u>\$795,291.97</u>

07/02/2021 09:55 AM
User: JAY
DB: Beverly Hills

CHECK REGISTER FOR VILLAGE OF BEVERLY HILLS
CHECK DATE FROM 06/21/2021 - 07/06/2021

Page: 1/3

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank COM COMERICA					
06/21/2021	COM	83803	60249	5 ALARM	1,005.90
06/21/2021	COM	83804	60217	AMAZON CAPITAL SERVICES	815.92
06/21/2021	COM	83805	60447	AMY GAMBLE	250.00
06/21/2021	COM	83806	31164	APOLLO FIRE APPARATUS	580.30
06/21/2021	COM	83807	51802	ARROW OFFICE SUPPLY CO.	67.43
06/21/2021	COM	83808	30920	BELLE TIRE	1,254.97
06/21/2021	COM	83809	51409	BEVERLY HILLS ACE	945.33
06/21/2021	COM	83810	02400	BEVERLY HILLS WATER DPT	399.48
06/21/2021	COM	83811	60442	BIRMINGHAM PUBLIC SCHOOLS	250.00
06/21/2021	COM	83812	30861	BLUE CARE NETWORK	38,564.49
06/21/2021	COM	83813	50489	BOB ADAMS TOWING	130.00
06/21/2021	COM	83814	60058	BOB MERVAK	400.00
06/21/2021	COM	83815	59779	CANFIELD EQUIPMENT SERVICE INC	100.00
06/21/2021	COM	83816	58597	CATHY WHITE	368.01
06/21/2021	COM	83817	59347	CINTAS CORPORATION #31	45.74
06/21/2021	COM	83818	30909	CMP DISTRIBUTORS	2,187.00
06/21/2021	COM	83819	31925	COALITION OF PUBLIC SAFETY	17,627.74
06/21/2021	COM	83820	31987	COLMAN-WOLF SANITARY	292.85
06/21/2021	COM	83821	51439	COMCAST	101.85
06/21/2021	COM	83822	04500	COMEAU EQUIPMENT CO INC.	24,157.51
06/21/2021	COM	83823	50826	CONSUMERS ENERGY	607.54
06/21/2021	COM	83824	60445	CYNDY HESS	250.00
06/21/2021	COM	83825	60443	DAVID KACHEL	250.00
06/21/2021	COM	83826	60448	DEBORAH SIMONS MOHATAREM	250.00
06/21/2021	COM	83827	51385	DTE ENERGY	3,546.90
06/21/2021	COM	83828	60449	EMERGENCY TRAINING SOLUTIONS	440.00
06/21/2021	COM	83829	31228	EXXONMOBIL	3,419.51
06/21/2021	COM	83830	59813	FIRE DEFENSE EQUIPMENT CO.	83.09
06/21/2021	COM	83831	60206	GREAT LAKES WATER AUTHORITY	969.72
06/21/2021	COM	83832	08500	HUBBELL ROTH & CLARK INC	39,362.62
06/21/2021	COM	83833	08500	HUBBELL ROTH & CLARK INC	17,471.44
06/21/2021	COM	83834	59010	HUNT SIGN COMPANY	63.00
06/21/2021	COM	83835	59839	J.C. EHRLICH	51.00
06/21/2021	COM	83836	59423	JAMES HEALY	460.00
06/21/2021	COM	83837	59158	JASON'S OUTDOOR SERVICES LLC	195.00
06/21/2021	COM	83838	60419	JOHN MCGRATH	250.00
06/21/2021	COM	83839	59582	JOHNSON THERMOL-TEMP INC.	448.80
06/21/2021	COM	83840	60441	KARYN ARATARI-STONE	374.00
06/21/2021	COM	83841	58974	KERRY CALLAGHAN	515.00
06/21/2021	COM	83842	51792	LEXISNEXIS RISK SOLUTIONS	150.00
06/21/2021	COM	83843	49491	MAINS LANDSCAPE SUPPLY	30.59
06/21/2021	COM	83844	59116	MARGARET A.S. BEKE	128.33
06/21/2021	COM	83845	59458	MARGARET BORIO	250.00
06/21/2021	COM	83846	60335	MICHAEL ZIEGELE	250.00
06/21/2021	COM	83847	52030	MICHIGAN GRAPHICS & AWARDS	1,800.00
06/21/2021	COM	83848	59330	MIKE SAVOIE CHEVROLET	1,945.88
06/21/2021	COM	83849	58903	MUNIWEB	188.00
06/21/2021	COM	83850	51799	NYE UNIFORM EAST	15,492.00
06/21/2021	COM	83851	51799	NYE UNIFORM EAST	11,292.00
06/21/2021	COM	83852	51799	NYE UNIFORM EAST	1,291.00
06/21/2021	COM	83853	51799	NYE UNIFORM EAST	189.50
06/21/2021	COM	83854	51799	NYE UNIFORM EAST	334.50
06/21/2021	COM	83855	51799	NYE UNIFORM EAST	30.00
06/21/2021	COM	83856	51799	NYE UNIFORM EAST	290.00
06/21/2021	COM	83857	51799	NYE UNIFORM EAST	3,030.00
06/21/2021	COM	83858	51799	NYE UNIFORM EAST	36.50
06/21/2021	COM	83859	51799	NYE UNIFORM EAST	191.00
06/21/2021	COM	83860	51799	NYE UNIFORM EAST	36.50
06/21/2021	COM	83861	51799	NYE UNIFORM EAST	36.50
06/21/2021	COM	83862	51799	NYE UNIFORM EAST	258.85
06/21/2021	COM	83863	51540	O'REILLY AUTO PARTS	15.92
06/21/2021	COM	83864	51751	O.C.W.R.C.	33,807.83
06/21/2021	COM	83865	59735	OAKLAND COMMUNITY COLLEGE/CREST	1,300.00
06/21/2021	COM	83866	50830	OAKLAND COUNTY TREASURER'S	198,348.59
06/21/2021	COM	83867	60028	PHOENIX SAFETY OUTFITTERS	2,592.00
06/21/2021	COM	83868	60446	PRIYA THOTTAM-WHITEHEAD	250.00
06/21/2021	COM	83869	60444	ROBERT CAZA	250.00
06/21/2021	COM	83870	16500	S.O.C.R.R.A.	30,463.00
06/21/2021	COM	83871	60432	SCOTT CASSADY	6,725.00
06/21/2021	COM	83872	60282	SHARON BENITEZ	250.00
06/21/2021	COM	83873	17700	SUNSET MAINTENANCE SERVICE	1,475.00
06/21/2021	COM	83874	59674	THE KNOX COMPANY	1,829.00
06/21/2021	COM	83875	52092	THE UPS STORE	13.28
06/21/2021	COM	83876	14800	VILLAGE OF BEVERLY HILLS	440.00
07/06/2021	COM	83877	60249	5 ALARM	44,791.40
07/06/2021	COM	83878	58787	ABEL ELECTRONICS	142.50
07/06/2021	COM	83879	51128	ADVANCED MARKETING PARTNERS,	610.00
07/06/2021	COM	83880	60459	ALLEGRA PITERA	250.00

07/02/2021 09:55 AM
User: JAY
DB: Beverly Hills

CHECK REGISTER FOR VILLAGE OF BEVERLY HILLS
CHECK DATE FROM 06/21/2021 - 07/06/2021

Page: 2/3

Check Date	Bank	Check	Vendor	Vendor Name	Amount
07/06/2021	COM	83881	60217	AMAZON CAPITAL SERVICES	502.63
07/06/2021	COM	83882	53284	APPLIED IMAGING	160.46
07/06/2021	COM	83883	51802	ARROW OFFICE SUPPLY CO.	182.09
07/06/2021	COM	83884	59980	AVANTE ENTERPRISES, LLC	73.50
07/06/2021	COM	83885	MISC	B-DRY	300.00
07/06/2021	COM	83886	MISC	BASEMENT WATERPROOFING OF MI	200.00
07/06/2021	COM	83887	32748	BEIER HOWLETT,P.C.	518.00
07/06/2021	COM	83888	51409	BEVERLY HILLS ACE	157.87
07/06/2021	COM	83889	02400	BEVERLY HILLS WATER DPT	463.69
07/06/2021	COM	83890	34063	BIRMINGHAM AREA CABLE BOARD	150,000.00
07/06/2021	COM	83891	52071	BLUE CROSS BLUE SHIELD	27,810.51
07/06/2021	COM	83892	59778	BLUE360 MEDIA	132.60
07/06/2021	COM	83893	58959	CADILLAC ASPHALT, LLC	571.55
07/06/2021	COM	83894	59093	CAREY AND PAUL GROUP	1,400.00
07/06/2021	COM	83895	MISC	CERTIFIED FLOORING INSTALLATION INC	100.00
07/06/2021	COM	83896	59347	CINTAS CORPORATION #31	45.74
07/06/2021	COM	83897	MISC	COBB, KEVIN	700.00
07/06/2021	COM	83898	51439	COMCAST	80.02
07/06/2021	COM	83899	04500	COMEAU EQUIPMENT CO INC.	25,339.54
07/06/2021	COM	83900	MISC	COY CONSTRUCTION INC	300.00
07/06/2021	COM	83901	59835	DIANE SLON	250.00
07/06/2021	COM	83902	MISC	DIEHL CONTRACTING LLC	500.00
07/06/2021	COM	83903	60456	DONNA ARMSTRONG	250.00
07/06/2021	COM	83904	60372	EAGLE LANDSCAPING & SUPPLY	110.00
07/06/2021	COM	83905	60454	ELIZABETH HARDING	250.00
07/06/2021	COM	83906	60463	EMERY PENCE	250.00
07/06/2021	COM	83907	30685	ERIC KOENIG	1,050.00
07/06/2021	COM	83908	MISC	ERIN J SPELLER	416.50
07/06/2021	COM	83909	60468	ERIN SPELLER	500.00
07/06/2021	COM	83910	58795	G&M ENTERPRISES, LTD.	3,481.75
07/06/2021	COM	83911	60450	GEORGE LELLIS	42.99
07/06/2021	COM	83912	53489	GREAT AMERICA FINANCIAL SVCS.	600.00
07/06/2021	COM	83913	MISC	HALE, THEODORE R	400.00
07/06/2021	COM	83914	31202	HOME DEPOT CREDIT SERVICES	598.31
07/06/2021	COM	83915	58950	HYDROCORP	290.00
07/06/2021	COM	83916	MISC	IGOR K CONSTRUCTION	300.00
07/06/2021	COM	83917	59337	INTERIOR ENVIRONMENTS	22,899.13
07/06/2021	COM	83918	39070	J.H. HART URBAN FORESTRY	1,290.00
07/06/2021	COM	83919	59423	JAMES HEALY	860.00
07/06/2021	COM	83920	60460	JANE BOWMAN	250.00
07/06/2021	COM	83921	59158	JASON'S OUTDOOR SERVICES LLC	200.00
07/06/2021	COM	83922	59005	JODI FORQUER	250.00
07/06/2021	COM	83923	30521	JOHN MILLIRON	1,050.00
07/06/2021	COM	83924	59582	JOHNSON THERMOL-TEMP INC.	4,233.50
07/06/2021	COM	83925	60452	JULIE O'REILLY	250.00
07/06/2021	COM	83926	60462	KAREN DONEGAN	250.00
07/06/2021	COM	83927	60458	KATERINA LYUBLIN	250.00
07/06/2021	COM	83928	60464	KATHERINE MILLER	250.00
07/06/2021	COM	83929	60451	KATHLEEN HUGEL	64.03
07/06/2021	COM	83930	60465	KATHLEEN MURAWSKI	250.00
07/06/2021	COM	83931	51939	KEATON PUBLICATION GROUP LLC	500.00
07/06/2021	COM	83932	60466	KRISTEN FOLEY	250.00
07/06/2021	COM	83933	60077	KRISTIN RUTKOWSKI	168.11
07/06/2021	COM	83934	53316	LANG'S ON-SITE SERVICES	417.00
07/06/2021	COM	83935	60467	LAUREN DECLAIRE	5,000.00
07/06/2021	COM	83936	MISC	LAUREN DECLAIRE	25.00
07/06/2021	COM	83937	49491	MAINS LANDSCAPE SUPPLY	23.79
07/06/2021	COM	83938	60457	MARY WILUSZ	250.00
07/06/2021	COM	83939	59703	MATTHEW GOODRICH	250.00
07/06/2021	COM	83940	31794	MICHAEL MILES	1,050.00
07/06/2021	COM	83941	59799	MICHAEL MINEWISER	250.00
07/06/2021	COM	83942	60461	MICHELLE O'BRIEN ST. ANDREW	250.00
07/06/2021	COM	83943	58953	MICHIGAN ASSOCIATION OF PLANNING	80.00
07/06/2021	COM	83944	52030	MICHIGAN GRAPHICS & AWARDS	700.00
07/06/2021	COM	83945	51408	MICRO CENTER A/R	279.99
07/06/2021	COM	83946	59330	MIKE SAVOIE CHEVROLET	689.61
07/06/2021	COM	83947	51182	NELSON BROTHERS SEWER &	1,057.00
07/06/2021	COM	83948	59112	NEXT	1,613.76
07/06/2021	COM	83949	30658	OAKLAND COUNTY CLERKS ASSOC.	25.00
07/06/2021	COM	83950	49769	OFFICE EXPRESS	499.21
07/06/2021	COM	83951	60453	PAUL TURNER	250.00
07/06/2021	COM	83952	MISC	PELLA WINDOWS & DOORS INC	200.00
07/06/2021	COM	83953	MISC	PINTICAN BUILDING AND MAINTENANCE L	200.00
07/06/2021	COM	83954	30035	PLANTE & MORAN, PLLC	2,230.00
07/06/2021	COM	83955	60386	PTS COMMUNICATIONS	60.00
07/06/2021	COM	83956	16100	ROAD COMMISSION FOR OAKLAND	729.64
07/06/2021	COM	83957	60274	ROSE CAMPBELL	250.00
07/06/2021	COM	83958	MISC	SCHOENHERR HOMES	300.00
07/06/2021	COM	83959	58642	ST. JAMES EPISCOPAL CHURCH	250.00
07/06/2021	COM	83960	60455	SUZANNE RHEN	250.00
07/06/2021	COM	83961	49829	THOMAS DANIELSON	250.00

07/02/2021 09:55 AM
User: JAY
DB: Beverly Hills

CHECK REGISTER FOR VILLAGE OF BEVERLY HILLS
CHECK DATE FROM 06/21/2021 - 07/06/2021

Page: 3/3

Check Date	Bank	Check	Vendor	Vendor Name	Amount
07/06/2021	COM	83962	59597	TRULINE INC.	3,875.00
07/06/2021	COM	83963	38205	VERIZON WIRELESS MESSAGING	600.93
07/06/2021	COM	83964	MISC	WALLSIDE WINDOWS	1,200.00
07/06/2021	COM	83965	53572	WOW! BUSINESS	1,236.71

COM TOTALS:

Total of 163 Checks:	795,291.97
Less 0 Void Checks:	0.00
Total of 163 Disbursements:	795,291.97



To: Honorable President George; Village Council Members
Chris Wilson, Village Manager

From: Kristin Rutkowski, Village Clerk/Assistant Village Manager

Subject: Birmingham Bloomfield Community Coalition Funding Request

Date: June 30, 2021

The Village of Beverly Hills entered into an agreement with the Birmingham Bloomfield Community Coalition (BBCC) to provide substance abuse prevention services to its residents. The BBCC agrees to furnish such services and the Village agrees to contribute funds annually. The agreement automatically renews each fiscal year, with the amount of the annual contribution by the Village to be determined each year by Council. The BBCC has requested funding in the amount of \$1,800.00, which is the same amount as last year.

BBCC has several programs and offers many services to the community such as: Youth Action Board (YAB), Bi-annual Teen Substance Use Survey, Covey 7 Habits of Highly Effective Teens Training, Parent directed campaigns, Middle School Transitions Program, YAB 5k Event, and other substance-free community opportunities and activities.

A copy of the agreement is attached.

Suggested Resolution:

Be it resolved, the Beverly Hills Village Council approves the funding request from the Birmingham Bloomfield Community Coalition in the amount of \$1,800.00 for the provision of substance abuse prevention services and authorizes Administration to sign the contract providing for this continuing community service. Funds are available in Account #101-747-890.02 (Community Action Programs: Contribution Bham Com Coalition).

Attachments



Together We Can... Keep Our Youth Safe & Substance Free

June 22, 2021

Mr. John George
Village President
18500 W. 13 Mile Road
Beverly Hills, MI 48025

Dear Mr. George:

Please accept this letter as the Birmingham Bloomfield Community Coalition's (BBCC) funding request for substance abuse prevention services provided to the Village of Beverly Hill's residents. Our request is for \$1,800, the same amount as last year.

BBCC and its Youth Action Board are continuing to provide education, tools, activities, and support to help youth rise above life's challenges by making informed decisions about their safety, health and wellness, as well as encouraging adults to thoughtfully support them. To support our efforts, we now have an updated website making it even easier for community members to access information and resources about youth-focused substance abuse prevention, health and wellness. We have also taken as many programs as possible to an on-line virtual format to be COVID safety compliant.

BBCC is continuing to focus on making inroads with the youth vaping epidemic, alcohol reduction, and marijuana use along with the high levels of stress youth are experiencing in today's world. We have particularly focused on the additional stress youth, families and schools are experiencing as a result of the pandemic. Our goal is to be a resource that provides practical tools for our youth and families and provide programming to schools to assist them.

If you have any questions or need additional information, please contact me at the office: 248.203.4615, cell: 248.506.1594 or cmastroianni@bbcoalition.org. I look forward to continuing our mutual efforts to make the Village of Beverly Hills a positive and healthy place to live, work, worship, and play.

Sincerely,

Carol Mastroianni
Executive Director

2019 BIRMINGHAM BLOOMFIELD KEY FINDINGS REPORT



The Birmingham Bloomfield Community Coalition (BBCC) takes a research driven, youth-led approach to substance abuse prevention, health, and wellness. BBCC and the Youth Action Board (YAB), its high school teen group, provide education, tools, activities, and support to help youth rise above life's challenges by making informed decisions about their safety, health and wellness, as well as encouraging adults to thoughtfully support them.

- Most Youth are not using substances
- Those youth that do use substances are more likely to have mental health issues
- Friend are the most influential when it comes to youth substance use

MOST

Middle and High School
Students are **NOT**
Using Drugs & Alcohol

In the past 30 days,

- 94.6% of middle schoolers and 77.8% of high schoolers did NOT use alcohol
- 99.7% of middle schoolers and 97.9% of high schoolers did NOT use cigarettes
- 98.9% of middle schoolers and 98.9% of high schoolers did NOT misuse prescription drugs
- 97.1% of middle schoolers and 80.4% of high schoolers did NOT use any e-cigarette or vaping device
- 97.6% of middle schoolers and 85.6% of high schoolers did NOT use any e-cigarette or vaping device with nicotine
- 98.2% of middle schoolers and 86.4% of high schoolers did NOT use any e-cigarette or vaping device with THC
- 98.0% of middle schoolers and 92.0% of high schoolers did NOT use any e-cigarette or vaping device with flavor only

High School Students

Alcohol

Nearly 8 out of 10 Birmingham Bloomfield high school students did **not** drink alcohol in the past 30 days.



Cigarettes

Nearly 10 out of 10 Birmingham Bloomfield high school students did **not** smoke cigarettes in the past 30 days.



Prescription Drugs

Nearly 10 out of 10 Birmingham Bloomfield high school students did **not** misuse prescription drugs in the past 30 days.



Any Vaping

8 out of 10 Birmingham Bloomfield high school students did **not** use any e-cigarette or vaping device in the past 30 days.



Vaping Nicotine

More than 8.5 out of 10 Birmingham Bloomfield high school students did **not** use any e-cigarette or vaping device with nicotine in the past 30 days.



Vaping THC (Marijuana)

More than 8.5 out of 10 Birmingham Bloomfield high school students did **not** use any e-cigarette or vaping device with THC in the past 30 days.



Vaping Flavor Only

More than 9 out of 10 Birmingham Bloomfield high school students did **not** use any e-cigarette or vaping device with flavor only in the past 30 days.



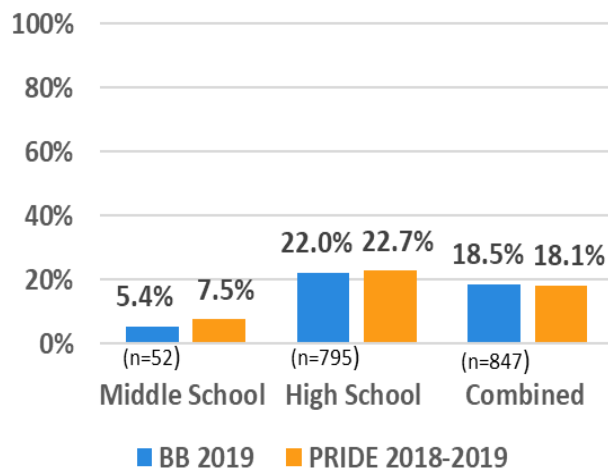
Survey Background

Data was obtained from the 2019 Birmingham Bloomfield Student Survey. The 2018-2019 PRIDE national survey was one national benchmark used. 2019 Monitoring the Future (MTF) data was also used as a national benchmark. For Birmingham Bloomfield data, High school students consist of 9th –12th grade students, and Middle school students consist of 8th grade students. Percentages may not add up to 100% due to rounding.

Past 30 Day Use

The graphs below depict past 30 day use of alcohol, cigarette, and prescription drugs for high school and middle school students compared to the national benchmark.

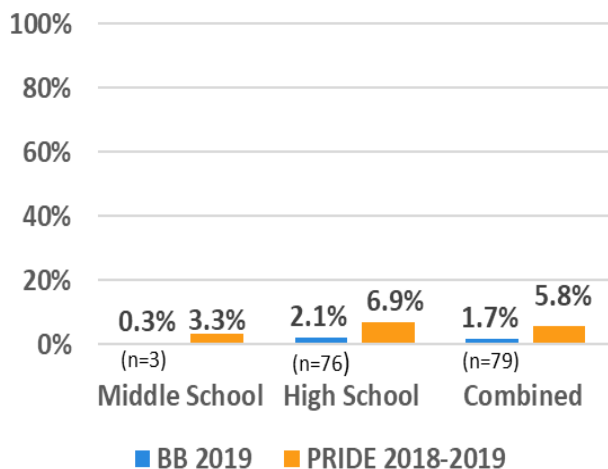
Past 30 Day Use: Alcohol



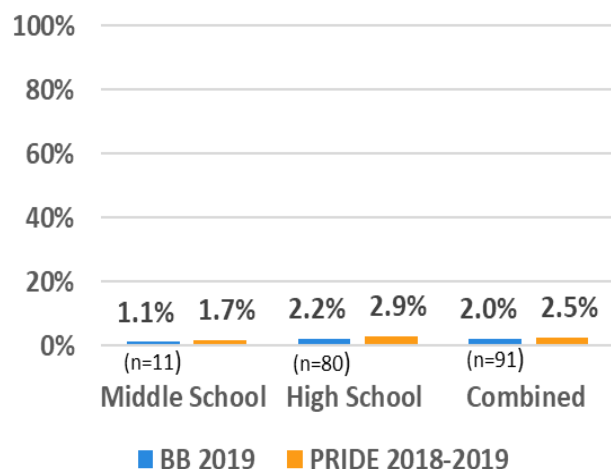
High School and Middle School

- Past 30 day use of alcohol, cigarettes and prescription drugs for high school students is lower than the national comparison.
- Past 30 day use of alcohol, cigarettes and prescription drugs for middle school students is lower than the national comparison.
- Past 30 day use is lower for high school and middle school students combined than the national comparison with the exception of alcohol.

Past 30 Day Use: Cigarettes



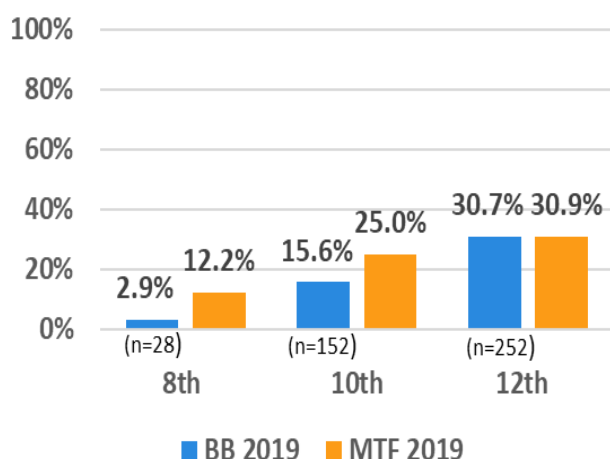
Past 30 Day Use: Prescription Drugs



Past 30 Day Use: Vaping

The graphs below depict past 30 day use of e-cigarettes or vape devices for 8th, 10th, and 12th grade students compared to the national Monitoring the Future benchmark.

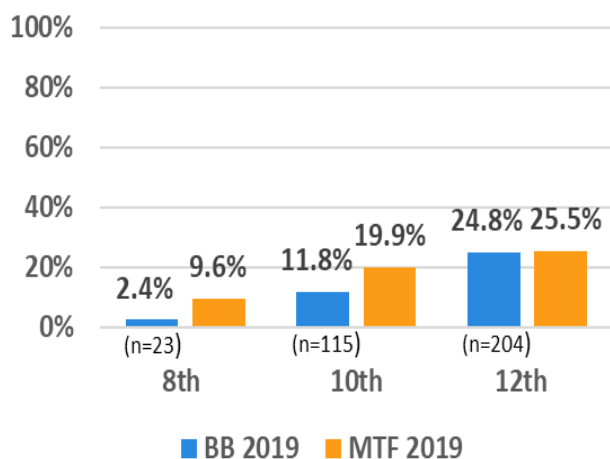
**Past 30 Day Use:
Any Vape**



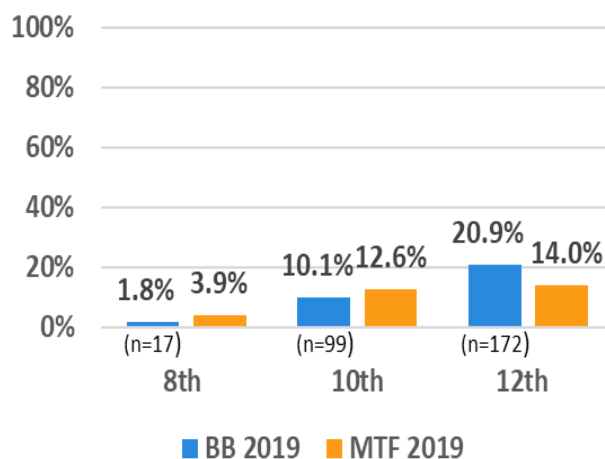
8th, 10th, and 12th Grade Students

- Past 30 day use any vape product (nicotine, THC, and flavor only) is lower than the national comparison
- Past 30 day use of vaping with nicotine is lower than the national comparisons.
- Past 30 day for vaping with THC is lower for 8th and 10th grade students but higher for 12th grade students compared to the national comparisons.

**Past 30 Day Use:
Vape with Nicotine**

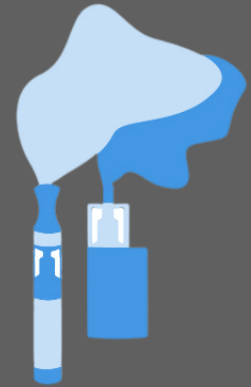


**Past 30 Day Use:
Vape with THC**

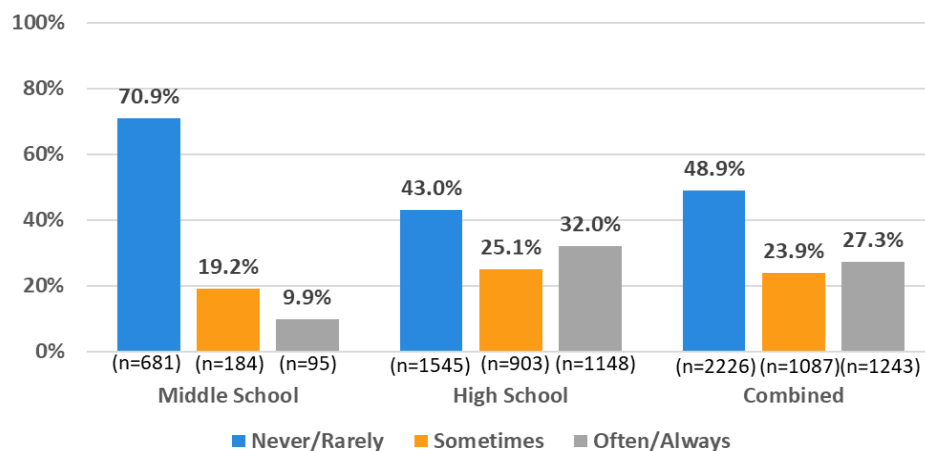


Vaping

Birmingham Bloomfield youth were asked how easy it was to get vaping products and how often they had been in the presence of others who vape or use e-cigarettes.

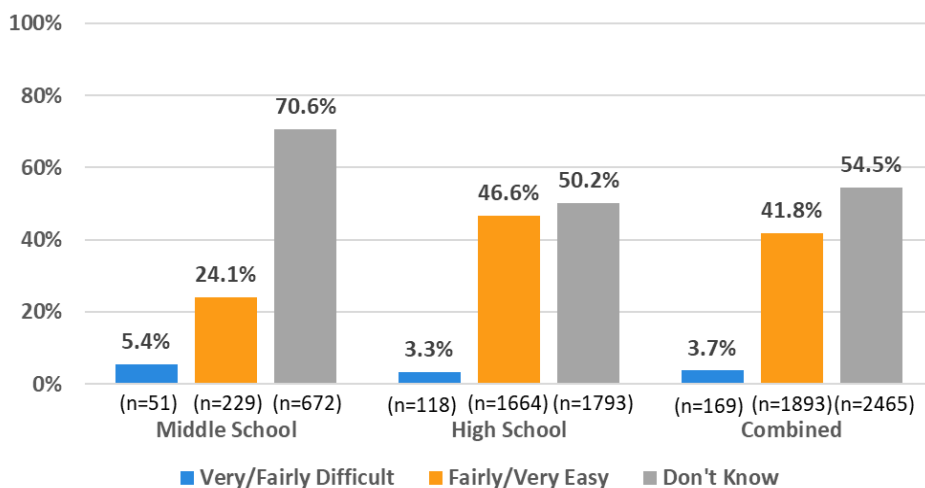


How often are you in the presence of others who vape or use e-cigarettes?



High school students (32.0%) are more often in the presence of those who are vaping than middle school students (9.9%)

How easy is it to get vapes/e-cigarettes?

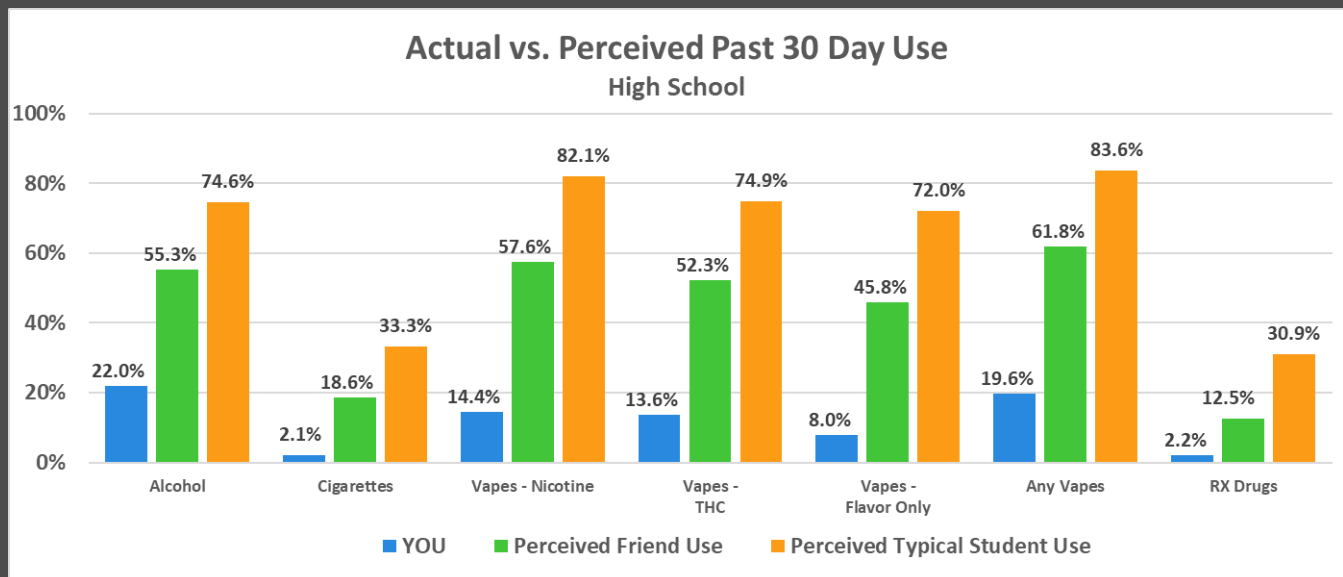


Almost half of high school students (46.6%) report that it is fairly easy or very easy to get vaping products whereas, less than one-fourth (24.1%) of middle school states report that it is fairly or very easy to get vaping products.

Youth Perceptions of Use

Birmingham Bloomfield youth were asked if they have used substances the past 30 days, as well as if they believed their friends and the typical students in their school had used in the past 30 days.

Many youth over-estimate the prevalence of substance use among their peers, which puts them at greater risk for using substances themselves.



	Alcohol	Cigarettes	Vapes - Nicotine	Vapes - THC	Vapes - Flavor Only	Any Vapes	RX Drugs
YOU	n = 795	n = 76	n = 522	n = 490	n = 288	n = 706	n = 80
Perceived Friend Use	n = 1993	n = 668	n = 2084	n = 1891	n = 1651	n = 2235	n = 450
Perceived Typical Student Use	n = 2684	n = 1197	n = 2969	n = 2710	n = 2597	n = 3027	n = 1109

The **largest perception gap** is between actual use and perceived typical student use for **vaping nicotine**.

The **smallest perception gap** is between actual use and typical student **prescription drug use**.

While most students are not using substances, many believe their friends and the typical student are using substances.

Top Influences

Most influential factors regarding teen substance misuse.



Perception of friend use and friend disapproval are top influences for all substances.

Alcohol Top Influences

- #1 Perceived Friend Use
- #2 Perception of Harm - Underage Drinking
- #3 Perceived Typical Student Use
- #4 Student Perception Risk (Binge)
- #5 Clear Home Rules on Alcohol/Drug use
- #6 Club/group participation
- #7 Typical Student Perception of Harm—Underage Drinking
- #8 Thoughts of Self-Harm (Past Month)
- #9 Friend Disapproval
- #10 Sports

Prescription Drug Top Influences

- #1 Perceived Friends' Use
- #2 Perception of Harm
- #3 Thoughts of Self-Harm (Past Month)
- #4 Friend Disapproval
- #5 Perceived Typical Student Use
- #7 Club/group participation
- #6 Perception of Risk

Vaping Nicotine Top Influences

- #1 Perception of Harm – Occasional Use
- #2 Being in the presence of others who vape
- #3 Perceived Friends' Use
- #4 Confidence to resist
- #5 Typical Student Perception of Harm – Occasional Use
- #6 Perceived Typical Student Use
- #7 Friend Disapproval
- #8 Clear Home Rules on Alcohol/Drug use
- #9 Sports
- #10 Perception of Risk – Everyday

Vaping THC (Marijuana) Top Influences

- #1 Perceived Friends' Use
- #2 Friend Disapproval
- #3 Typical Student Perception of Harm – Try once or twice
- #4 Confidence to resist
- #5 Being in the presence of others who vape (Frequency)
- #6 Perception of Harm – Occasional Use
- #7 Perception of Harm – Try once or twice
- #8 Perceived Typical Student Use
- #9 Perception of Harm – Everyday
- #10 Sports

Cigarette Top Influences

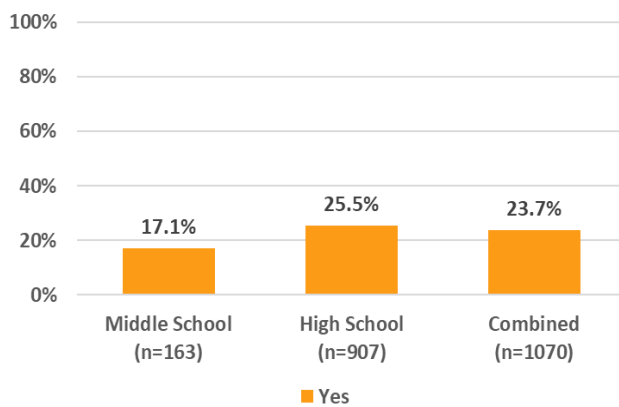
- #1 Perceived Friends' Use
- #2 Friend Disapproval
- #3 Parent Disapproval

Youth Mental Health

Students were asked about their mental health and suicide.

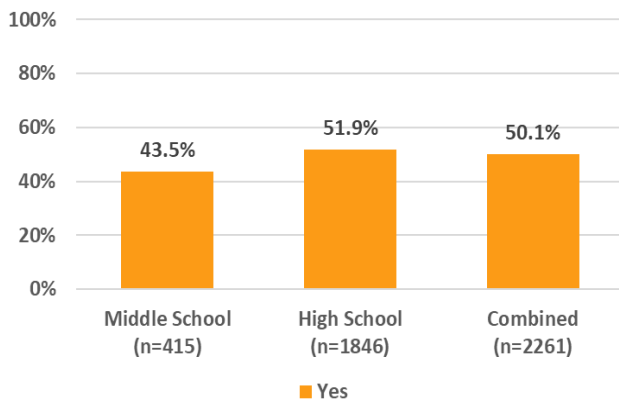
Higher levels of depression, anxiety, other mental illnesses are strongly related to thoughts and attempts of suicide. Addressing mental health issues is essential for reducing suicide amongst students.

During the last month, did you ever feel so sad or hopeless every day for two weeks or more in a row that you stopped doing your usual activities?

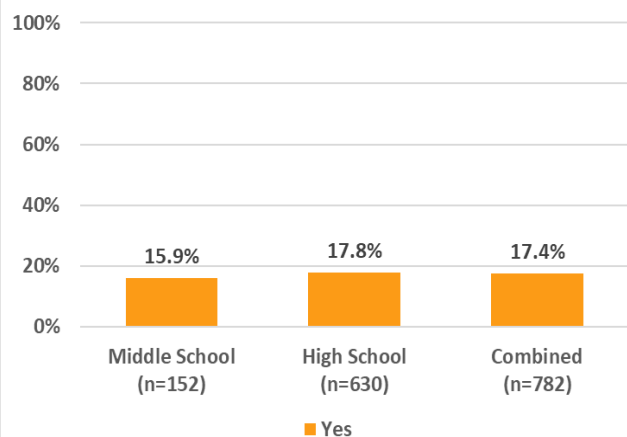


- **1 out of 2 Birmingham Bloomfield students report feeling so anxious or stressed they found it difficult to do everyday activities during the last month.**
- **17.4% (n = 782) of Birmingham Bloomfield students report having thoughts of self-harm in the last month.**

During the last month, did you ever feel so overly anxious or stressed that you found it difficult to do your work, take care of things at home, and/or get along with other people?



During the last month, have you ever felt so sad or depressed that you had thoughts of harming yourself?



Birmingham Bloomfield teachers, administrators, counselors and parents need resources that make them aware of the signs and symptoms of depression, suicidal ideation and behaviors, as well as contact information for professionals who can help. Birmingham Bloomfield would also benefit from a mental health awareness and anti-stigma campaign.

Mental Health & Substance Misuse

Comorbidity and co-occurring disorders can describe when an individual has both a mental illness and is struggling with a drug or alcohol use disorder. Based off research provided by the National Institute on Drug Abuse, around 50% of those who struggle with substance use will also experience mental illness and vice versa. This is also true for youth. Over 60% of adolescences who are currently in treatment programs for substance use are also diagnosed with co-occurring mental health disorder¹.

(1) NIDA. 2020, May 28. Part 1: The Connection Between Substance Use Disorders and Mental Illness. Retrieved from <https://www.drugabuse.gov/publications/research-reports/common-comorbidities-substance-usedisorders/part-1-connection-between-substance-use-disorders-mental-illness> on 2020.

Alcohol and Mental Health

- Students who reported that past year alcohol use are **2.1 times MORE LIKELY** to report feeling so anxious or stressed, they found it difficult to do their work, take care of things at home, and/or get along with other people, compared to those that did not use alcohol.
- For 12th grade students who reported past 30 day alcohol use, they were also **2 times MORE LIKELY** to be depressed and anxious. Overall, 762 Birmingham Bloomfield students experienced both anxiety and alcohol use in the past year.



Vaping and Mental Health

Students who reported past 30 day vape use with nicotine, were also more than **2 times MORE LIKELY** to report they were depressed.

12th grade students who reported past 30 day “vape use with THC for the purpose of getting high,” were also more than **2 times MORE LIKELY** to report they were depressed, anxious or had thoughts of self-harm.

Gender and Mental Health

Females were **2.6 times MORE LIKELY** to report that they felt “So overly anxious or stressed they found it difficult to do their work, take care of things at home, and/or get along with other people” compared to those who did not identify as female.

Students who identified as Transgender, were **4.3 times MORE LIKELY** to have thoughts of self-harm compared to those who did not identify as Transgender.



Youth Perceptions of Disapproval

Birmingham Bloomfield youth were asked about their friends' and parents' perception of teen drug and alcohol use on a scale from not wrong, a little wrong, wrong, to very wrong.

Disapproval is categorized as wrong and very wrong.

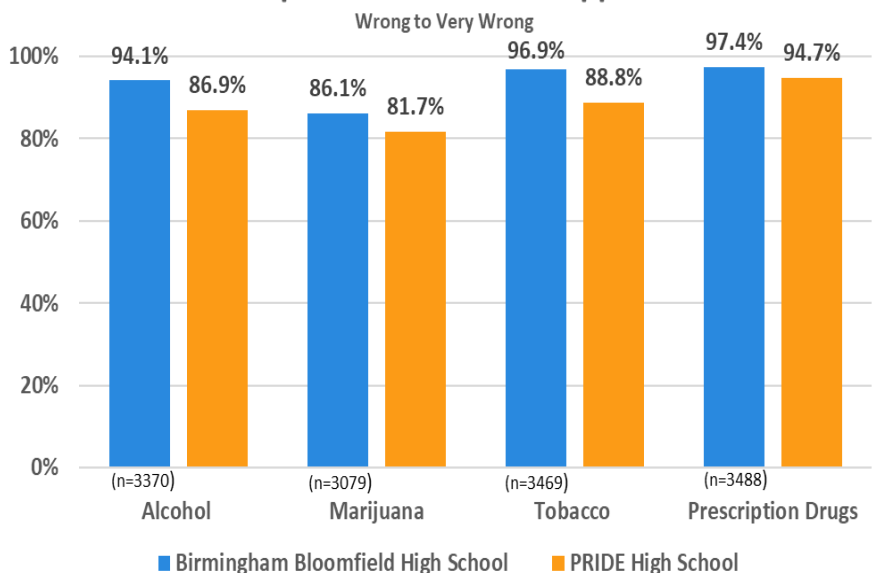
Higher perceptions of disapproval often result in lower use of substances, therefore, it is beneficial that Birmingham Bloomfield youth have higher disapproval than national benchmarks.

MOST YOUTH

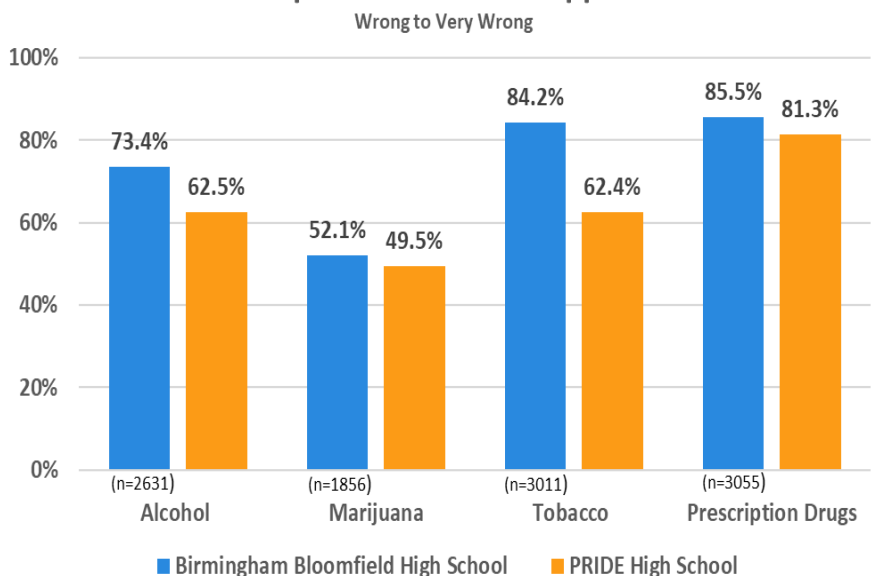
think friends & parents disapprove of drug & alcohol use

Birmingham Bloomfield high school youth perceptions of parents' and friends' disapproval are higher than national perceptions.

Perception of Parental Disapproval



Perception of Friend Disapproval



MIDDLE SCHOOL STUDENTS

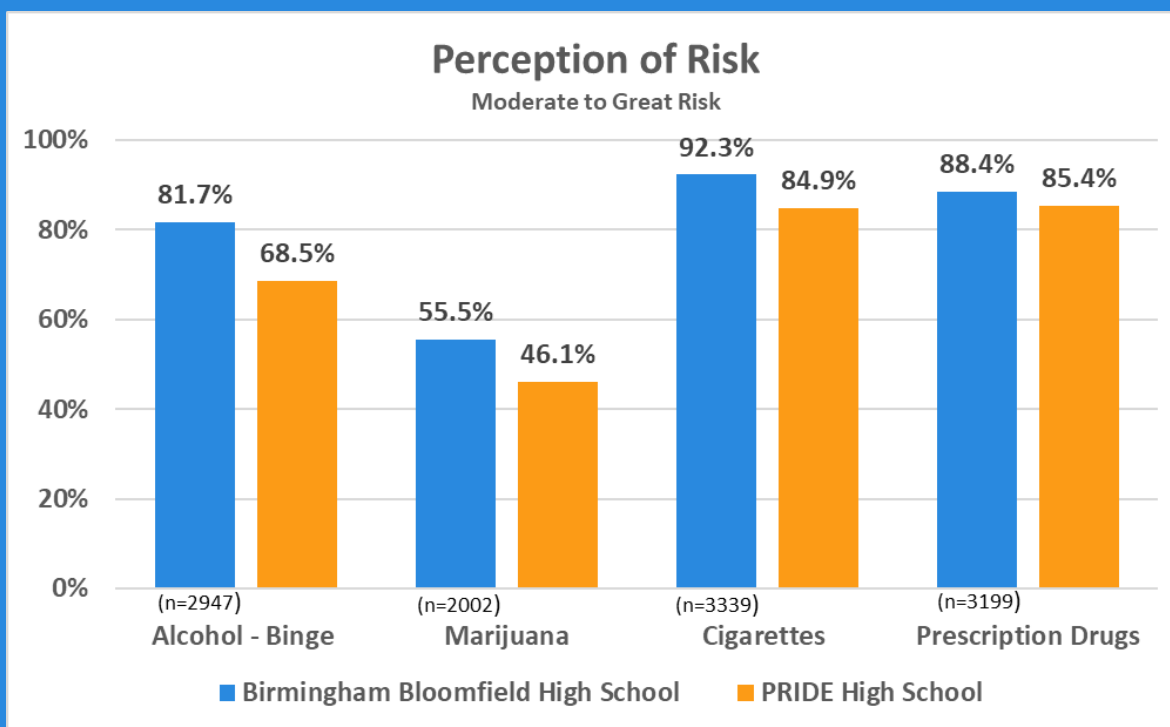
Parent & friend disapproval for 8th grade students is higher than the national perceptions.

Birmingham Bloomfield 8th grade students perceived parent disapproval of alcohol, marijuana, cigarettes, and prescription drugs at 95% or higher, and friend disapproval at 85% or higher.

Perception of Risk

Birmingham Bloomfield youth were asked about their perception of drug and alcohol risk of harm on a scale from no risk, slight risk, moderate risk, to great risk. Risk is categorized as moderate risk and great risk.

Higher perceptions of risk often result in lower use of substances, therefore, it is ideal to have perceptions higher or comparable to national benchmarks.



MOST YOUTH

Think the risk associated with alcohol, cigarettes, and prescription drug misuse is moderate or great risk.

Birmingham Bloomfield high school students **perceptions of risk are higher than national perceptions** for marijuana, alcohol, cigarettes, & prescription drugs.

Contact Us

Birmingham Bloomfield
Community Coalition
248.203.4615
office@bbcoalition.org
1525 Covington Road
Bloomfield Hills, MI 48301
<https://bbcoalition.org/>



Find Us on Social Media





Together We Can... Keep Our Youth Safe & Substance Free

CONTRACT FOR YOUTH-FOCUSED SUBSTANCE ABUSE PREVENTION SERVICES

Agreement made and entered into this date _____ between Birmingham Bloomfield Community Coalition (hereinafter “the BBCC”), 1525 Covington Road, Bloomfield Hills, MI 48301 and the Village of Beverly Hills, 18500 W. 13 Mile Road, Beverly Hills, MI 48025 (hereinafter “the Village”).

As a research-driven, evidenced-based, community-serving organization, the BBCC strives to provide timely, useful news, information, programs, activities, and events designed to keep parents, youth, schools, and other community members highly aware and provide opportunities to actively engage and participate in substance abuse prevention efforts.

In consideration of the premises and the covenants contained herein, the BBCC and the Village agree as follows:

1. The BBCC agrees to furnish to the residents of the Village of Bingham Farms (as well as residents of other communities within the Birmingham and Bloomfield Hills Public School Districts) services and programs, which, by way of illustration, currently include:
 - a. Substance-free community opportunities and activities specifically for 7th-12th grade students and their families
 - b. Youth Action Board and youth leadership development and training
 - c. Mid Action Board for 8th grade students
 - d. Parent directed campaigns, surveys, groups, and resources
 - e. Student directed campaigns, surveys, groups, and resources
 - f. Alcohol, Marijuana, Vaping, Prescription Drug, and Mental Healthy Campaigns developed by teens for teens
 - g. *CHOICES Youth-led Dialogue Day* for high school teens, parents and interested community members
 - h. *Teen Transitions Program* for 8th graders
 - i. An expanded focus on raising the awareness on teen stress, anxiety, depression, and other mental health issues
 - j. Tobacco and Alcohol Retailer Educational Visits and Synar Checks
 - k. Informational resources via the website and other social media
2. For such services and programs, the Village agrees to contribute the sum of \$1,800.00 to the BBCC for the July 1, 2021 to June 30, 2022 Fiscal Year.
3. The BBCC will furnish the Village, and the members of the Village Council, with an annual update.



Together We Can... Keep Our Youth Safe & Substance Free

4. This Agreement shall automatically renew each Fiscal Year, with the amount of the annual contribution by the Village to be determined each year by the Village of Beverly Hills Council, unless either party notifies the other in writing at least sixty (60) days prior to the anniversary date that it desires to modify or terminate this Agreement.
5. This Agreement sets forth the entire understanding between the BBCC and the Village of Beverly Hills, and cannot be changed except by a writing signed by both the BBCC and the Village. This Agreement shall inure to the benefit of and shall be governed by and construed under the laws of the State of Michigan. If any provision of this Agreement is held to be invalid or unenforceable, the validity and enforceability of the remaining provisions shall not in any way be affected thereby.

Birmingham Bloomfield Community Coalition

Village of Beverly Hills

By: _____
Chris Wilson

Its: Village Manager

By: _____
Carol Mastroianni

Its: Executive Director



To: Honorable President George; Village Council Members

From: Kristin Rutkowski, Village Clerk/Assistant Village Manager

Subject: ITP 5K at Beverly Park on September 11, 2021

Date: July 1, 2021

Administration received a request on behalf of the Platelet Disorder Support Association to hold an ITP 5K Walk at Beverly Park on Saturday, September 11, 2021. ITP, or immune thrombocytopenia, is a blood disorder that can lead to easy or excessive bruising and bleeding. The bleeding results from unusually low levels of platelets, which are the cells that help blood clot. The Platelet Disorder Support Association is dedicated to enhancing the lives of people with ITP and other platelet disorders through education, advocacy, research and support.

A similar request from this group was approved last year, but the event was canceled due to COVID-19.

At their June 17, 2021 meeting, the Parks and Recreation Board recommended that the Village Council approve the request from the Platelet Disorder Support Association to hold the ITP 5K at Beverly Park on Saturday, September 11, 2021 from 9:00 a.m. to 12:00 p.m.

Recommended Resolution:

Be it resolved, the Beverly Hills Village Council approves the request from the Platelet Disorder Support Association to hold the ITP 5K at Beverly Park on Saturday, September 11, 2021 from 9:00 a.m. to 12:00 p.m.



To: Honorable President George; Village Council Members

From: Kristin Rutkowski, Village Clerk/Assistant Village Manager

Subject: Roeper Cross Country Meet September 27, 2021

Date: July 1, 2021

Administration received a request from the Roeper School's Athletic Department to host a Cross Country Meet on Monday, September 27, 2021 at 4:30 p.m. at Beverly Park. The Athletic Department would be responsible for spray painting the route. They are anticipating 50-75 participants. They are not requesting use of the pavilion.

At their June 17, 2021 meeting, the Parks and Recreation Board recommended that the Village Council approve the request from the Roeper School to host a Cross Country Meet at Beverly Park on Monday, September 27, 2021 as long as there is no spray paint on the park sidewalks.

Suggested Resolution:

Be it resolved, the Beverly Hills Village Council approves the Roeper School's request to host a Cross Country Meet at Beverly Park on Monday, September 27, 2021 at 4:30 p.m.



To: Honorable Council President George; Village Council Members
Chris Wilson, Village Manager

From: Kristin Rutkowski, Village Clerk/Assistant Village Manager

Subject: Concert in the Park 2021

Date: July 1, 2021

The Parks & Recreation Board is requesting Council's approval to host a third Concert in the Park this summer on Friday, August 13, 2021 at Beverly Park beginning at 7:00 p.m. The Board held a successful concert event in June of 2021 and has one scheduled for July 16, 2021.

Part of the concert expense would include a stage rental from Oakland County Parks in the amount of \$550.00 (agreement attached). The band(s) are to be determined and would receive a stipend to perform at the concert.

Suggested Resolution:

Be it resolved, the Beverly Hills Village Council approves the Parks & Recreation Board's request to host a Concert in the Park on Friday, August 13, 2021 at 7:00 p.m., with expenses not to exceed \$1,500.00. Be it further resolved, the Council authorizes Administration to execute the Facility/Property Use Agreement with Oakland County Parks. Funds for this expense are available in account 101-747-894.00.

Attachment



FACILITY/PROPERTY USE AGREEMENT

This Agreement is between the Oakland County Parks and Recreation Commission ("OCPRC") and the entity/person listed below for the use of the facility/property described below. This Agreement includes the General Terms and Conditions, the Insurance Requirements, and the Rules for Specific Facility/Property (collectively the "Agreement").

Name of Entity/Person using Facility/Property (hereinafter "User"):

Address:

Contact Person:

Telephone Number:

E-Mail Address:

Facility/Property to be used (hereinafter "Property"):

Event/Activity:

Date/Start Time and End Time:

Fee:

Amount of Security Deposit:

Insurance Requirements: (If User answers "Yes" to any of the below questions, then user shall provide and maintain, at its expense, the insurance as set forth herein, beginning on page 6.)

Yes No

Is this reservation/event for a Wedding?

Is there expected to be more than 250 people in attendance at the event/facility?

Is the reservation being booked by an organized entity/group (not an individual)?

Will there be alcohol provided (not sold) at the event?

Will there be alcohol SOLD at the event? (Subject to OCPRC approval)

Reservation Number:

By signing, I acknowledge that I have received and read the entire Agreement and I agree to comply with all the terms and conditions of this Agreement. I certify that all information provided to OCPRC, in connection with this Agreement, is true and accurate. If, at any time, before the Event/Activity any information that I provided changes, I will inform OCPRC of the changes. The Property will not be reserved until this Agreement is signed and the Fee and Security Deposit are paid in full.

Signature

Date

Name & Title:

GENERAL TERMS AND CONDITIONS

1. Use of Property.

- 1.1. **Use:** User may exclusively use the Property according to this Agreement and for the purposes set forth herein and for no other purposes. OCPRC provides the Property for use by the public on a first-come, first-served basis with the primary intent to provide quality recreation experiences, promote healthy lifestyles, and promote the protection of natural resources.
- 1.2. **Payment of Fee and Security Deposit:** The Fee and Security Deposit are due, in full, at the time this Agreement is signed. Payment may be made by cash, check, or credit card (VISA, Mastercard, or Discover). If the reservation is made less than 14 calendar days before the Date/Start Time listed in this Agreement, payment may only be made by cash or credit card.
- 1.3. **Cancellation/Termination by User & Refunds:** User may cancel/terminate this Agreement up to the Date/Start Time listed in this Agreement with the following charges:
 - 1.3.1. **Cancellation/Termination 30 Days or More Before Date/Start Time.** If User cancels/terminates this Agreement 30 calendar days or more prior to the Date/Start Time listed in this Agreement, then the entire Fee and Security Deposit will be refunded to User, except for \$25 or 10% of the Fee, whichever amount is greater. This amount shall be kept by OCPRC to cover administrative costs.
 - 1.3.2. **Cancellation/Termination Less than 30 Days Before Date/Start Time.** If User cancels/terminates this Agreement less than 30 days from the Date/Start Time listed in this Agreement, then only the Security Deposit will be refunded to User. OCPRC will keep the entire Fee as a cancellation/termination charge to cover administrative costs and missed business opportunities.
- 1.4. **Change in Reservation.** If User changes its reservation for use of the Property prior to the Date/Start Time listed in this Agreement, User may be responsible for additional costs or additional fees associated with such change.
- 1.5. **Return of Security Deposit.** The Security Deposit will be returned in full to User within twenty-one (21) business days from the Date/End Time listed in this Agreement, unless one or more of the following events occur: (1) User or its employees, agents, volunteers, subcontractors, invitees, and/or any other persons on or using the Property because of this Agreement violates or does not comply with any term or condition of this Agreement or (2) User does not return the Property in the same condition as User received it, normal wear and tear excepted. If one of the above-listed events occurs, then User forfeits the entire Security Deposit and OCPRC shall keep the Security Deposit to cover its costs. There will be no partial refunds of the Security Deposit.
- 1.6. **Manner of Security Deposit Refund.** If User pays the Security Deposit with a check or cash, the Security Deposit will be refunded (if warranted) by check. If User pays the Security Deposit with a credit card, the Security Deposit will be refunded (if warranted) to the credit card; however, OCPRC reserves the right to refund the Security Deposit via check. If the Security Deposit is refunded by check, the check will be made out to the person(s) or entity(ies) who are party to this Agreement.
- 1.7. **Condition of Property.** User shall keep the Property in good order, in a clean and safe condition, and free of trash. Except for normal wear and tear, User's use of the Property shall not cause damage or waste to the Property and shall not disrupt OCPRC's operations on or around the Property. User is responsible for putting all trash and debris into trash cans and removing and disposing of all decorations used on or around the Property.

- 1.8. **Condition of Property upon end of Agreement.** Except for normal wear and tear, User shall leave or return the Property in the same condition that User found it. The Property must be clean and free of all trash and debris at the end of this Agreement. All trash and debris shall be placed in the appropriate trash receptacle.
- 1.9. **Compliance with Law and Park Rules.** User, including its employees, agents, invitees, volunteers, subcontractors, and any other persons on the Property because of User's use of the Property, must comply with all applicable federal, state, and local laws, regulations, and ordinances, the OCPRC Rules and Regulations, the provisions of this Agreement, and any specific rules for the Property. Failure to comply with this Section may result in the immediate termination of the use of the Property, without advance notice to User and without refund of the Fee or Security Deposit, at OCPRC's sole discretion.
- 1.10. **Signs/Advertisement.** User shall not place any signs or advertisements on the Property without the prior written approval of the OCPRC Park Supervisor. User shall not use the Property in User advertising or informational documents (either electronic or printed copies) without the prior written approval of OCPRC Executive Officer or his/her designee.
- 1.11. **Alterations, Additions, Changes to Property.** User shall not make any alterations, additions, or changes to the Property, unless prior written approval is given by OCPRC Executive Officer or his/her designee.
- 1.12. **Property AS IS.** USER ACCEPTS THE PROPERTY "AS IS." USER ACKNOWLEDGES THAT USER HAD THE OPPORTUNITY TO INSPECT THE PROPERTY AND EITHER INSPECTED THE PROPERTY OR CHOSE NOT TO INSPECT THE PROPERTY.
- 1.13. **Alcohol Use on Property.**
 - 1.13.1. Alcoholic beverages may be consumed, served, and/or sold on the Property, subject to law and the OCPRC Rules and Regulations; except that there are no alcoholic beverages permitted at park beaches, waterparks, or waterpark parking lots.
 - 1.13.2. User shall not sell or allow anyone to sell alcoholic beverages on the Property, unless prior written approval is given by the OCPRC.
 - 1.13.3. BY LAW, NO ONE UNDER 21 MAY CONSUME OR TASTE ALCOHOLIC BEVERAGES ON THE PROPERTY OR OTHER OAKLAND COUNTY PROPERTY. USER AGREES AND WARRANTS THAT THERE SHALL BE NO SERVICE OR SALE TO OR CONSUMPTION OF ALCOHOLIC BEVERAGES BY PERSONS UNDER AGE 21.
 - 1.13.4. User shall monitor service and consumption of alcoholic beverages at the Property. User specifically acknowledges that it is solely liable for the service and consumption of any alcoholic beverages at the Property and that such liability shall extend to any aspect regarding the service or consumption of alcoholic beverages.
- 1.14. **User Not Agent of County/OCPRC.** User, including its employees, agents, invitees, volunteers, subcontractors, and any other persons on the Property because of User's use of the Property, shall not, in any manner, hold themselves out to be agents, employees, or volunteers of OCPRC or Oakland County, Michigan ("County").
- 1.15. **Permits/Licenses.** User is responsible for and shall obtain, at its sole expense, all necessary licenses, permits, and other governmental approvals that are necessary for use of the Property, including a liquor license for the sale of alcoholic beverages (if the sale of alcoholic beverages is approved by the OCPRC).

2. **Liability/Assurances.**

- 2.1. **Damage to County or OCPRC Property.** User shall be responsible for any damage to the Property or to any County or OCPRC facility/property that is caused by User, its employees, agents, invitees, volunteers, subcontractors, vendors, or any other persons on or at the Property because of User's use of the Property. If there is more than one User, they shall be jointly and severally liable for such damage. If damage occurs, OCPRC shall make the necessary repairs and/or replacements or cause a third party to make the necessary repairs and/or replacements, provided, however, that User shall reimburse OCPRC the cost for repairing

and/or replacing the damaged facilities/property. OCPRC shall invoice User for such costs and User shall pay such costs within thirty (30) days of receiving the bill.

- 2.2. **Damage to User's Property.** User shall be solely and entirely liable and responsible for any loss or damage resulting from fire, theft or other means to its personal property located, kept, or stored on the Property.
- 2.3. **Liability for Claims.** User shall be solely liable and responsible for any Claims, as defined herein, occurring at or on the Property, which arise out of User's or its employees, agents, invitees, volunteers or subcontractors use of the Property.
- 2.4. **Hazardous Material/Waste.** User shall not cause or allow any person or entity to discharge any hazardous material, waste, or debris on or around any OCPRC or County Property.
- 2.5. **Indemnification.** User shall indemnify, hold harmless, and defend the County, its Boards, Commissions, officials, and employees from any and all Claims, as defined herein, that are incurred by or asserted against the County or its Boards, Commissions, officials, and employees by any person or entity, which are alleged to have occurred during the use of Property, or which are alleged to have been caused by or found to arise from the acts or omissions of User or its employees, agents, volunteers, subcontractors, invitees, vendors, or any other persons on the Property because of User's use of the Property.
- 2.6. **Definition of Claim.** "Claim" means any loss; complaint; demand for relief or damages; lawsuit; cause of action; proceeding; judgment; penalty; costs or other liability of any kind which is imposed on, incurred by, or asserted against the County or for which the County may become legally or contractually obligated to pay or defend against, whether commenced or threatened, including, but not limited to, reimbursement for reasonable attorney fees, mediation, facilitation, arbitration fees, witness fees, court costs, investigation expenses, litigation expenses, or amounts paid in settlement.
- 2.7. **Reservation of Rights/Limitation of Liability.** In no event shall the County be liable for any consequential, incidental, indirect, special, and punitive or other damages arising out of this Agreement. This Agreement does not, and is not intended to impair, divest, delegate, or contravene any constitutional, statutory, or other legal right, privilege, power, obligation, duty, or immunity of the County.
- 2.8. **Attorney Fees.** The County shall be entitled to reasonable costs and attorney fees from User to enforce any provision of this Agreement.
- 2.9. **Survival.** Section 2 and the duties and obligations contained herein shall survive the expiration or termination of this Agreement.
3. **Force Majeure.** Notwithstanding any other term or condition of this Agreement, neither Party shall be liable for failure to perform duties or obligations contained herein caused by events beyond their reasonable control, including but not limited to: (a) acts of public enemies; (b) natural disasters; (c) terrorism; (d) war; (e) insurrection or riot; (f) strikes, lockouts, work stoppages, or other labor difficulties; (g) closure of OCPRC Property or County Property; or (h) compliance with law ("Force Majeure Event"). Reasonable notice shall be given to the affected Party of a Force Majeure Event. Notwithstanding any other term or condition of this Agreement, if User is not able to use the Property due to a Force Majeure Event, the entire Fee and Security Deposit shall be refunded to User.
4. **Successors and Assigns.** This Agreement shall be binding upon and inure to the benefit of the successors and assigns of the Parties. Notwithstanding the foregoing, User shall not assign or transfer any portion of this Agreement without the prior written approval of the OCPRC Executive Officer.
5. **Waiver.** Waiver of any term or condition under this Agreement must be in writing. No written waiver, in one or more instances, shall be deemed or construed as a continuing waiver of any term or condition of this Agreement. No waiver by either Party shall subsequently affect its right to require strict performance of this Agreement.
6. **Cumulative Remedies.** A Party's exercise of any remedy shall not preclude the exercise of any other remedies, all of which shall be cumulative. A Party shall have the right, in its sole discretion, to determine which remedies are to be exercised and in which order.

7. **Amendments.** This Agreement cannot be amended or modified unless reduced to writing and signed by both Parties.
8. **Severability.** If a court of competent jurisdiction finds a term or condition of this Agreement to be illegal or invalid, then the term or condition shall be deemed severed from this Agreement. All other terms or conditions shall remain in full force and effect. Notwithstanding the above, if User's promise to indemnify, defend, and hold the County harmless is found illegal or invalid, User shall contribute the maximum it is permitted to pay by law toward the payment and satisfaction of any Claims against the County.
9. **Governing Law.** This Agreement shall be governed, interpreted, and enforced by the laws of the State of Michigan.
10. **Counterparts.** This Agreement may be executed in one or more counterparts, including electronic copies or facsimile copies, each of which shall be deemed an original, but all of which shall together constitute one instrument.
11. **Entire Agreement.** This Agreement represents the entire agreement and understanding between the Parties regarding the facilities/property. This Agreement supersedes all other prior oral or written understandings, communications, agreements, or contracts between the Parties regarding the facilities/property.

INSURANCE REQUIREMENTS

A. Insurance Questions.

Yes No

1. Is this reservation/event for a Wedding?
2. Is there expected to be more than 250 people in attendance at the event/facility?
3. Is the reservation being booked by an organized entity/group (not an individual)?
4. Will there be alcohol provided (not sold) at the event?
5. Will there be alcohol SOLD at the event? (Subject to OCPRC approval)

B. Insurance Coverages. If User answers “yes” to any of the above-listed “insurance questions,” then User shall provide and maintain, at its expense, all insurance as set forth below. The insurance shall be written for not less than any minimum coverage herein specified or required by law, whichever is greater.

1. **Commercial General Liability Insurance:** with the following minimum limits:

\$1,000,000 Bodily Injury & Property Damage Each Occurrence Limit

\$1,000,000 Personal & Advertising Injury Limit

\$1,000,000 Products/Completed operations

\$5,000 Medical Expense (Any One Person)

\$2,000,000 General Aggregate Limit

Commercial General Liability Insurance shall contain the following minimum coverages:

- Occurrence Form
- Premises/Operations
- Personal and Advertising Injury
- Independent Contractors
- Broad Form Property Damage
- (Blanket) Broad Form Contractual (including coverage for obligations assumed in this Agreement)

2. Supplemental Coverages – As Needed

- ☐ **Host Liquor Liability Insurance with a limit of \$1,000,000 each occurrence shall be required** when alcohol is served to guest with no charge.
 - ☐ **Liquor Legal Liability Insurance** with a limit of \$1,000,000 each occurrence shall be required when a cash bar is present and/or alcohol is served by a Caterer.
 - ☐ **Other:**
3. **Workers’ Compensation Insurance** with limits statutorily required by any applicable Federal or State Law and Employers Liability insurance with limits of no less than \$500,000 each accident, \$500,000 disease each employee, and \$500,000 disease policy limit. This requirement is waived if there are no User owners or employees.
 - ☐ Fully Insured or State approved self-insurer.
 - ☐ Sole Proprietors must submit a signed Sole Proprietor form.
 - ☐ Exempt entities, Partnerships, LLC, etc., must submit a State of Michigan form WC-337 Certificate of Exemption.

4. **Commercial Automobile Liability Insurance** covering bodily injury or property damage arising out of the use of any owned, hired, or non-owned automobile with a combined single limits of \$1,000,000 each accident. This requirement is waived if there are no company owned, hired or non-owned automobiles utilized in the performance of this Agreement.

C. **General Insurance Provisions.** All certificates of insurance and insurance policies shall contain the following provisions and/or clauses with evidence of same provided to the County of Oakland, 1200 North Telegraph Road, Pontiac, Michigan 48341:

1. All policies of insurance shall be on a primary, non-contributory basis with any other insurance and/or self-insurance carried by the County of Oakland.
2. The insurance company(s) issuing the policy or policies shall have no recourse against the County of Oakland for subrogation, payment of any premiums, deductibles, or assessments under any form of policy.
3. Any and all deductibles in the required insurance policies shall be assumed by and be at the sole risk of the User.
4. All policies must be endorsed to include a written waiver of subrogation in favor of the County of Oakland.
5. All insurance policies must be endorsed to name as Additional Insured: the County of Oakland and its officers, directors, employees, appointees and commissioners.
6. User shall require their contractors or sub-contractors not protected under User's insurance policies, to procure and maintain insurance with coverages, limits, provisions, and/or clauses equal to those required of User in this Agreement.
7. Certificates of insurance must bear evidence of all required endorsements and clauses and must be provided no less than thirty (30) days prior to the event and/or use of the Property; provided however, if the Property is reserved less than thirty (30) days prior to the event and/or use of the Property, the insurance certificate must be provided three (3) business days prior to the event and/or use of the Property.
8. All policies of insurance required in this Agreement shall be issued by companies that are licensed and approved to do business in Michigan and shall have and maintain a minimum A.M. Best rating of A:V or greater.

RULES FOR SPECIFIC FACILITY/PROPERTY

Activity Centers/Lodges/Club Houses

- **Security Deposit:** \$200
- User must place tablecloths on all tables (disposable are acceptable).
- No sound system equipment is provided. User must bring own sound system equipment.
- User shall not use tape, tacks, nails, screws, staples, 3M hooks, poster putty or other adhesive materials on the walls, tables, ceilings, drapes etc.... User shall not use helium balloons, confetti, glitter, streamers, fog-machines or candles (unless enclosed in a hurricane-type holder). The use of any of the above-listed items will result in the forfeit of the security deposit.
- Some locations may have limitations regarding layouts or floor plans. Please check with the staff at the facility.
- Where required, all vehicles entering a park to attend an event/activity must have an OPCRC annual pass or an OPCRC daily vehicle pass ("daily pass").
- Upon request to Park staff, User may choose to pre-pay for the vehicle entry into the Park for the event/activity through a vehicle tally. A vehicle tally allows a User to pay for a specific number of daily passes for its event/activity in advance, so each vehicle attending the event does not have to pay. To use a vehicle tally, User must give Park staff the number of daily passes it wishes to purchase, prior to the event/activity. The number of daily passes should have some connection to the number of persons or vehicles attending the event/activity. User will pre-pay for a certain number of daily passes. Park staff will keep a tally or a record of the number of vehicles entering the Park for User's event/activity. If the prepaid number of daily passes exceeds the number of vehicles actually attending the event/activity, then User shall receive a refund. If User prepaid with a credit card, refunds will be processed the same day. If User prepaid with a check or cash, refunds may take up to 21 days. If the prepaid number of daily passes is less than the number of vehicles actually attending the event/activity, then User shall be charged for the additional daily passes.

Bleachers/Stages

- **Security Deposit:** \$200
- User shall not use tape, tacks, nails, screws, staples, 3M hooks, poster putty or other adhesive materials on any areas of the bleachers or stages.

Buses

- **Security Deposit:** \$50
- No bachelor/bachelorette parties are permitted on the buses.
- Bus hours of operation are 6am-1am.
- User must provide one chaperone per 10 children on any trips, except for school functions.

Ellis Barn

- **Security Deposit:** \$500
- No sound system equipment is provided. User must bring own sound system equipment.
- User must keep coolers, beverage containers, and kegs on a tray or protective container to prevent condensation and spillage.

- User shall not use tape, tacks, nails, screws, staples, 3M hooks, poster putty or other adhesive materials on the walls, tables, ceilings, drapes etc.... User shall not use balloons (of any type), confetti, glitter, streamers, fog-machines, candles, and open flames of any type (including sternos) in the Ellis Barn. User shall not use any items with heating elements in the Ellis Barn, including but not limited to, hair dryers, curling irons, coffee makers, crock pots, slow cookers, popcorn machines, or heaters. The use of any of the above-listed items will result in the forfeit of the security deposit. User may use fans in the Ellis Barn.
- No vehicles are permitted in the Ellis Barn at any time.
- Vehicles may only be on the ramps to the Ellis Barn for drop-off or pick-up of persons or supplies and only for that period of time that is necessary for drop-off and pick-up of person or supplies.
- No smoking within a hundred feet of the Ellis Barn or any of the surrounding buildings.
- No food preparation in the Ellis Barn.
- Music and alcohol service ends at 11 p.m. each night.
- The Ellis Barn and surrounding area must be vacated by midnight each night.
- Only registered campers paid-in-full may relocate to the camping area
- Springfield Oaks is a multi-use park. Other events or programs may be held near the Ellis Barn before or during User's Event. Some events or programs may call for temporary fencing to be installed along the perimeter of the Ellis Barn property.
- Catering and food and beverage set-up shall only be in designated areas.

Horse Barns

- **Security Deposit:** \$0
- No unloading horses by barn; park in horse trailer parking to unload.
- Horses must enter from outside wings of barn only.
- An equine waiver/release must be executed for all persons riding horses.

Pavilions (Not applicable to Shelters located in Waterparks)

- **Security Deposit:** \$0
- A pavilion may or may not be equipped with electric and water service. If electric and water service is provided, there is no guarantee that it will be available on the date and time of use. User is responsible for determining whether the electric service at a pavilion will meet its needs.
- Reservation of a pavilion does not give User exclusive rights to playground equipment and restroom facilities. These areas are open to the public and cannot be reserved. Sports fields, where available, may be reserved in addition to a pavilion for an additional fee.
- No sound system equipment is provided. User must bring own sound system equipment.
- User shall not use glitter or confetti of any kind in a pavilion.
- All vehicles must remain within the designated parking areas for unloading and loading of supplies and persons. No vehicles are to be driven on sidewalks, grass areas, or other non-designated parking areas. OCPRC staff will not provide assistance to transport supplies to the pavilion or provide carts/vehicles to transport supplies to the pavilion. Reasonable accommodations will be made for persons with disabilities. At the discretion of the Park Supervisor, reasonable accommodations may be made for tent and inflatable companies, caterers, or other businesses providing services at an event/activity.
- Where required, all vehicles entering a park to attend an event/activity at a pavilion must have an OCPRC annual pass or an OCPRC daily vehicle pass ("daily pass").

- Upon request to Park staff, User may choose to pre-pay for the vehicle entry into the Park for the event/activity through a vehicle tally. A vehicle tally allows a User to pay for a specific number of daily passes for its event/activity in advance, so each vehicle attending the event does not have to pay. To use a vehicle tally, User must give Park staff the number of daily passes it wishes to purchase, prior to the event/activity. The number of daily passes should have some connection to the number of persons or vehicles attending the event/activity. User will pre-pay for a certain number of daily passes. Park staff will keep a tally or a record of the number of vehicles entering the Park for User's event/activity. If the prepaid number of daily passes exceeds the number of vehicles actually attending the event/activity, then User shall receive a refund. If User prepaid with a credit card, refunds will be processed the same day. If User prepaid with a check or cash, refunds may take up to 21 days. If the prepaid number of daily passes is less than the number of vehicles actually attending the event/activity, then User shall be charged for the additional daily passes.

Waterpark Shelters

- **Security Deposit:** \$0
- All guests must pay regular admission rates to enter the waterpark or utilize the shelter. Admission sales stop one hour before close.
- A shelter reservation does not guarantee waterpark admission. Admission is subject to capacity.
- Waterpark admission is non-refundable and non-transferable.
- Advance tickets for waterpark admission for the date of the reservation can be purchased up to 24 hours in advance.
- The shelter reservation time (start time and end time) is listed on the reservation receipt. A representative of User shall be present at the waterpark and shelter at the start time. Signs will be posted in the shelter to signify that the shelter is reserved.
- If there is not a representative of User present at the waterpark and shelter 2 hours from the start time, the reservation shall be deemed cancelled and the reserved signs shall be taken down. After this time, the general public will have the ability to use the shelter. No refund will be issued to User in this situation.
- No rain checks or refunds are provided if the waterpark closes early due to inclement weather after opening on the day of User's reservation. Please visit "oaklandcountyparks.com" for complete inclement weather, mechanical failure and low attendance procedures.
- If a waterpark does not open on the day of your reservation, User's shelter payment will be refunded in full.
- No additional equipment can be brought into the waterpark for use in shelter, including but not limited to, catering equipment, additional tables, tents, bouncer houses/inflatables, or other equipment.
- User is not permitted to drive to the shelter to drop off supplies. OCPRC staff will not provide assistance to transport supplies to the shelter or provide carts/vehicles to transport supplies to the shelter.
- Coin operated lockers are available on site both inside and outside the locker rooms. Two locker sizes are available: Regular and Family size. Regular lockers are \$1.00 each time the locker is locked. Family size lockers are \$1.50 each time the locker is locked. There is a \$25 replacement fee for a lost locker key.



To: Honorable President George; Village Council Members

From: Kristin Rutkowski, Village Clerk/Assistant Village Manager

Subject: First Announcement of Zoning Board of Appeals Vacancy

Date: July 1, 2021

There is a vacancy on the Zoning Board of Appeals for a partial term ending June 30, 2022. The vacancy was created when the Village Council appointed member Ahmad Jawad to the Planning Commission at their June 15, 2021 meeting, which resulted in his subsequent resignation from the ZBA.

All interested and eligible residents of Beverly Hills are encouraged to apply to become a member of the ZBA. Applications are available on the Village website or by emailing the Village Clerk at krutkowski@villagebeverlyhills.com. Applications may be submitted via email, regular mail, or using the drop box located outside of the Village office (18500 W. 13 Mile Road, Beverly Hills, MI 48025).

Applications are due Monday, July 26, 2021.

The ZBA meets the second Monday of the month at 7:30 p.m., as necessary.

This constitutes the first announcement of a vacancy on the Zoning Board of Appeals.



To: Honorable President George; Village Council Members
Chris Wilson, Village Manager

From: Kristin Rutkowski, Village Clerk/Assistant Village Manager

Subject: MERS Annual Actuarial Valuation Report

Date: July 2, 2021

Village Manager Wilson is currently out of the office, so he will provide an overview of the MERS Annual Actuarial Valuation Report Year Ending December 31, 2020 in person at the July 6, 2021 Village Council Meeting.



1134 Municipal Way
Lansing, MI 48917
(800) 767-6377

Peggy Linkswiler
Village of Beverly Hills
18500 W 13 Mile Rd
Beverly Hills, MI 48025

**Statement of Fiduciary Net Position
For the Year Ending 12/31/2020**

Customer Number: 632101

Reserve for Employee Contributions

Bargaining Unit	Balance as of 12/31/2019	Invoiced & Other Contributions	Transfers	EE Refunds	Interest on EE Balance	Balance as of 12/31/2020
63210102	\$856,470.23	\$362,295.73	\$0.00	\$0.00	\$856.47	\$1,219,622.43
63210110	\$188.47	\$0.00	\$0.00	\$0.00	\$0.19	\$188.66
Total	\$856,658.70	\$362,295.73	\$0.00	\$0.00	\$856.66	\$1,219,811.09

Reserve for Employer Contributions and Benefit Payments

Bargaining Unit	Balance as of 12/31/2019	Invoiced & Other Contributions	Transfers & Fees	Benefits Paid	Net Investment Income	Admin Expenses	Balance as of 12/31/2020
63210102	\$9,251,072.47	\$308,088.00	\$0.00	(\$422,835.36)	\$1,361,827.51	(\$21,047.53)	\$10,477,105.09
63210110	\$3,669,844.39	\$56,728.38	\$0.00	(\$273,555.67)	\$448,268.89	(\$7,257.71)	\$3,894,028.28
63210120	\$3,633,487.32	\$83,886.00	\$0.00	(\$383,178.96)	\$427,042.96	(\$7,067.38)	\$3,754,169.94
63210121	\$4,019,352.25	\$81,540.00	\$0.00	(\$636,520.80)	\$436,341.88	(\$7,580.24)	\$3,893,133.09
Total	\$20,573,756.43	\$530,242.38	\$0.00	(\$1,716,090.79)	\$2,673,481.24	(\$42,952.86)	\$22,018,436.40

Combined Reserves

	Balance as of 12/31/2019	Invoiced & Other Contributions	Transfers	Benefits Paid	Net Investment Income	Admin Expenses	Balance as of 12/31/2020
Total	\$21,430,415.13	\$892,538.11	\$0.00	(\$1,716,090.79)	\$2,674,337.90	(\$42,952.86)	\$23,238,247.49

Outstanding Accounts Receivable at 12/31/2020: \$53,802.66



Municipal Employees' Retirement System of Michigan

Annual Actuarial Valuation Report
December 31, 2020 - Beverly Hills, Vlg of (6321)





Spring, 2021

Beverly Hills, Vlg of

In care of:
Municipal Employees' Retirement System of Michigan
1134 Municipal Way
Lansing, Michigan 48917

This report presents the results of the Annual Actuarial Valuation, prepared for Beverly Hills, Vlg of (6321) as of December 31, 2020. The report includes the determination of liabilities and contribution rates resulting from the participation in the Municipal Employees' Retirement System of Michigan ("MERS"). This report contains the minimum actuarially determined contribution requirement, in alignment with the MERS Plan Document, Actuarial Policy, the Michigan Constitution, and governing statutes. Beverly Hills, Vlg of is responsible for the employer contributions needed to provide MERS benefits for its employees and former employees.

The purposes of this valuation are to:

- Measure funding progress as of December 31, 2020,
- Establish contribution requirements for the fiscal year beginning July 1, 2022,
- Provide information regarding the identification and assessment of risk,
- Provide actuarial information in connection with applicable Governmental Accounting Standards Board (GASB) statements, and
- Provide information to assist the local unit of government with state reporting requirements.

This valuation assumed the continuing ability of the plan sponsor to make the contributions necessary to fund this plan. A determination regarding whether or not the plan sponsor is actually able to do so is outside our scope of expertise and was not performed.

The findings in this report are based on data and other information through December 31, 2020. The valuation was based upon information furnished by MERS concerning Retirement System benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We checked for internal reasonability and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of the information provided by MERS.

The Municipal Employees' Retirement Act, PA 427 of 1984 and the MERS' Plan Document Article VI sec. 71 (1)(d), provides the MERS Board with the authority to set actuarial assumptions and methods after consultation with the actuary. As the fiduciary of the plan, MERS Retirement Board sets certain assumptions for funding and GASB purposes. These assumptions are checked regularly through a comprehensive study, called an Experience Study. Studies were completed in 2018 and 2020, and are the basis of the economic and demographic assumptions and methods currently in place. Updated economic assumptions were adopted by the MERS Retirement Board at the February 28, 2019 board meeting and were effective with the December 31, 2019 annual actuarial valuation. **At the February 27, 2020 board meeting, the MERS Retirement Board adopted demographic assumptions effective with the December 31, 2020 annual actuarial valuation, which will impact contributions beginning in 2022.**

The Michigan Department of Treasury provides required assumptions to be used for purposes of Public Act 202 reporting. These assumptions are for reporting purposes only and do not impact required contributions. Please refer to the State Reporting page found at the end of this report for information for this filing.

For a full list of all the assumptions used, please refer to the division-specific assumptions described in table(s) in this report, and to the Appendix on the MERS website at:

<http://www.mersofmich.com/Portals/0/Assets/Resources/AAV-Appendix/MERS-2020AnnualActuarialValuation-Appendix.pdf>

The actuarial assumptions used for this valuation, including the assumed rate of investment return, are reasonable for purposes of the measurement.

This report reflects the impact of COVID-19 experience through December 31, 2020. It does not reflect the ongoing impact of COVID-19, which is likely to influence demographic and economic experience, at least in the short-term. We will continue to monitor these developments and their impact on the MERS Defined Benefit and Hybrid plans. Actual future experience will be reflected in each subsequent annual valuation, as experience emerges.

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge the information contained in this report is accurate and fairly presents the actuarial position of Beverly Hills, Vlg of as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, with the Actuarial Standards of Practice issued by the Actuarial Standards Board, and with applicable statutes.

David T. Kausch, Rebecca L. Stouffer, and Mark Buis are members of the American Academy of Actuaries. These actuaries meet the Academy's Qualification Standards to render the actuarial opinions contained herein. The signing actuaries are independent of the plan sponsor. GRS maintains independent consulting agreements with certain local units of government for services unrelated to the actuarial consulting services provided in this report.

The Retirement Board of the Municipal Employees' Retirement System of Michigan confirms that the System provides for payment of the required employer contribution as described in Section 20m of Act No. 314 of 1965 (MCL 38.1140m).



This information is purely actuarial in nature. It is not intended to serve as a substitute for legal, accounting or investment advice.

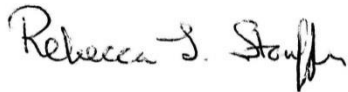
This report was prepared at the request of the MERS Retirement Board and may be provided only in its entirety by the municipality to other interested parties (MERS customarily provides the full report on request to associated third parties such as the auditor for the municipality). GRS is not responsible for the consequences of any unauthorized use. This report should not be relied on for any purpose other than the purposes described herein. Determinations of financial results, associated with the benefits described in this report, for purposes other than those identified above may be significantly different.

If you have reason to believe that the plan provisions are incorrectly described, that important plan provisions relevant to this valuation are not described, that conditions have changed since the calculations were made, that the information provided in this report is inaccurate or is in anyway incomplete, or if you need further information in order to make an informed decision on the subject matter in this report, please contact your Regional Manager at 1.800.767.MERS (6377).

Sincerely,



David T. Kausch, FSA, FCA, EA, MAAA



Rebecca L. Stouffer, ASA, FCA, MAAA



Mark Buis, FSA, FCA, EA, MAAA



Table of Contents

Executive Summary	6
Table 1: Employer Contribution Details for the Fiscal Year Beginning July 1, 2022	13
Table 2: Benefit Provisions	14
Table 3: Participant Summary	16
Table 4: Reported Assets (Market Value)	17
Table 5: Flow of Valuation Assets	18
Table 6: Actuarial Accrued Liabilities and Valuation Assets as of December 31, 2020	19
Table 7: Actuarial Accrued Liabilities - Comparative Schedule	20
Tables 8 and 9: Division-Based Comparative Schedules	21
Table 10: Division-Based Layered Amortization Schedule	25
GASB Statement No. 68 Information	29
Benefit Provision History	30
Plan Provisions, Actuarial Assumptions, and Actuarial Funding Method	32
Risk Commentary	33
State Reporting	35



Executive Summary

Funded Ratio

The funded ratio of a plan is the percentage of the dollar value of the actuarial accrued liability that is covered by the actuarial value of assets. While funding ratio may be a useful plan measurement, understanding a plan's funding trend may be more important than a particular point in time. Refer to Table 7 to find a history of this information.

	12/31/2020	12/31/2019
Funded Ratio*	78%	80%

* Reflects assets from Surplus divisions, if any.

Throughout this report are references to valuation results generated prior to the 2018 valuation date. Results prior to 2018 were received directly from the prior actuary or extracted from the previous valuation system by MERS's technology service provider.

Required Employer Contributions

Your required employer contributions are shown in the following table. Employee contributions, if any, are in addition to the employer contributions.

Effective for the December 31, 2020 valuation, the MERS Retirement Board has adopted updated demographic assumptions. Changes to these assumptions are effective for contributions beginning in 2022. Effective with the 2019 valuation, the MERS Retirement Board adopted updated economic assumptions. The combined impact of these assumption changes may be phased in. This valuation reflects the second year of phase-in for the economic assumption update and the first year of phase-in for the demographic assumption update. The remaining combined phase-in period is four years for all assumption changes.

By default, MERS will invoice you based on the amount in the “No Phase-in” columns. This amount will be considered the minimum required contribution unless you request to be billed the “Phase-in” rates. If you wish to be billed using the phased-in rates, please contact MERS, at which point the alternate minimum required contribution will be the amount in the “Phase-in” columns.

	Percentage of Payroll				Monthly \$ Based on Projected Payroll			
	Phase-in	No Phase-in	Phase-in	No Phase-in	Phase-in	No Phase-in	Phase-in	No Phase-in
Valuation Date:	12/31/2020	12/31/2020	12/31/2019	12/31/2019	12/31/2020	12/31/2020	12/31/2019	12/31/2019
Fiscal Year Beginning:	July 1, 2022	July 1, 2022	July 1, 2021	July 1, 2021	July 1, 2022	July 1, 2022	July 1, 2021	July 1, 2021
Division								
02 - Cmmd Off & Pub Sfty & Ret w/1	-	-	-	-	\$ 33,537	\$ 40,248	\$ 34,586	\$ 38,387
10 - General Nonunion & AFSCME	-	-	-	-	7,186	8,950	5,802	6,528
20 - Cmmd Off & Pub Sfty Ret w/2%	-	-	-	-	10,084	12,415	9,979	11,419
21 - Cmmd Off & Pub Sfty Def&Ret n	-	-	-	-	14,772	16,539	12,971	14,159
Total Municipality -								
Estimated Monthly Contribution					\$ 65,579	\$ 78,152	\$ 63,338	\$ 70,493
Total Municipality -								
Estimated Annual Contribution					\$ 786,948	\$ 937,824	\$ 760,056	\$ 845,916

Employee contribution rates:

Valuation Date:	Employee Contribution Rate	
	12/31/2020	12/31/2019
Division		
02 - Cmmd Off & Pub Sfty & Ret w/1	5.00%	5.00%
10 - General Nonunion & AFSCME	0.00%	0.00%
20 - Cmmd Off & Pub Sfty Ret w/2%	0.00%	0.00%
21 - Cmmd Off & Pub Sfty Def&Ret n	0.00%	0.00%

The employer may contribute more than the minimum required contributions, as these additional contributions will earn investment income and may result in lower future contribution requirements. Employers making contributions in excess of the minimum requirements may elect to apply the excess contribution immediately to a particular division, or segregate the excess into one or more of what MERS calls “Surplus” divisions. An election in the first case would immediately reduce any unfunded accrued liability and lower the amortization payments throughout the remaining amortization period. An election to set up Surplus divisions would not immediately lower future contributions, however the assets from the Surplus division could be transferred to an unfunded division in the future to reduce the unfunded liability in future years, or to be used to pay all or a portion of the minimum required contribution in a future year. For purposes of this report, the assets in any Surplus division have been included in the municipality’s total assets, unfunded accrued liability and funded status, however, these assets are not used in calculating the minimum required contribution.

MERS strongly encourages employers to contribute more than the minimum contribution shown above.



Assuming that experience of the plan meets actuarial assumptions:

- To accelerate to a 100% funding ratio in 10 years, estimated monthly employer contributions for the fiscal year beginning in 2022 for the entire employer would be \$79,381, instead of \$78,152.

How and Why Do These Numbers Change?

In a defined benefit plan, contributions vary from one annual actuarial valuation to the next as a result of the following:

- Changes in benefit provisions (see Table 2),
- Changes in actuarial assumptions and methods (see the Appendix), and
- Experience of the plan (investment experience and demographic experience); this is the difference between actual experience of the plan and the actuarial assumptions.

These impacts are reflected in various tables in the report. For more information, please contact your Regional Manager.

Comments on Investment Rate of Return Assumption

A defined benefit plan is funded by employer contributions, participant contributions, and investment earnings. Investment earnings have historically provided a significant portion of the funding. The larger the share of benefits being provided from investment returns, the smaller the required contributions, and vice versa. Determining the contributions required to prefund the promised retirement benefits requires an assumption of what investment earnings are expected to add to the fund over a long period of time. This is called the **Investment Return Assumption**.

The MERS Investment Return Assumption is **7.35%** per year. This, along with all of our other actuarial assumptions, is reviewed at least every five years in an Experience Study that compares the assumptions used against actual experience and recommends adjustments if necessary. If your municipality would like to explore contributions at lower assumed investment return assumptions, please review the “what if” projection scenarios later in this report.

Assumption Change in 2020

A 5-year experience study analyzing historical experience from 2013 through 2018 was completed in February 2020. In addition to changes to the economic assumptions which took effect with the fiscal year 2021 contribution rates, the experience study recommended updated demographic assumptions, including adjustments to the following actuarial assumptions: mortality, retirement, disability, and termination rates. Changes to the demographic assumptions resulting from the experience study have been approved by the MERS Retirement Board and are effective beginning with the December 31, 2020 actuarial valuation, first impacting 2022 contributions. A complete description of the assumptions may be found in the Appendix to the valuation.

Comments on Asset Smoothing

To avoid dramatic spikes and dips in annual contribution requirements due to short term fluctuations in asset markets, MERS applies a technique called **asset smoothing**. This spreads out each year’s investment gains or losses over the prior year and the following four years. This smoothing method is used to determine your



actuarial value of assets (valuation assets), which is then used to determine both your funded ratio and your required contributions. **The (smoothed) actuarial rate of return for 2020 was 8.17%, while the actual market rate of return was 12.70%.** To see historical details of the market rate of return, compared to the smoothed actuarial rate of return, refer to this report's Appendix, or view the "[How Smoothing Works](#)" video on the [Defined Benefit resource page](#) of the MERS website.

As of December 31, 2020, the actuarial value of assets is 97% of market value due to asset smoothing. This means that the rate of return on the actuarial value of assets should exceed the actuarial assumption in the next few years provided that the annual market returns exceed the 7.35% investment return assumption. When all assumptions are met, contribution rates are expected to stay approximately level as a percent of payroll (dollar amounts are expected to increase with wage inflation of 3.0% each year).

If the December 31, 2020 valuation results were based on market value instead of actuarial value:

- The funded percent of your entire municipality would be 80% (instead of 78%); and
- Your total employer contribution requirement for the fiscal year starting July 1, 2022 would be \$851,976 (instead of \$937,824).

Alternate Scenarios to Estimate the Potential Volatility of Results ("What If Scenarios")

The calculations in this report are based on assumptions about long-term economic and demographic behavior. These assumptions will never materialize in a given year, except by coincidence. Therefore, the results will vary from one year to the next. The volatility of the results depends upon the characteristics of the plan. For example:

- Open divisions that have substantial assets compared to their active employee payroll will have more volatile employer contribution rates due to investment return fluctuations.
- Open divisions that have substantial accrued liability compared to their active employee payroll will have more volatile employer contribution rates due to demographic experience fluctuations.
- Small divisions will have more volatile contribution patterns than larger divisions because statistical fluctuations are relatively larger among small populations.
- Shorter amortization periods result in more volatile contribution patterns.

Many assumptions are important in determining the required employer contributions. In the following table, we show the impact of varying the Investment Return assumption. Lower investment returns would result in higher required employer contributions, and vice-versa. The three economic scenarios below provide a quantitative risk assessment for the impact of investment returns on the plan's future financial condition for funding purposes.

The relative impact of the economic scenarios below will vary from year to year, as the participant demographics change. The impact of each scenario should be analyzed for a given year, not from year to year. The results in the table are based on the December 31, 2020 valuation, and are for the municipality in total, not by division. These results do not reflect a phase-in of the impact of the new actuarial assumptions.

It is important to note that calculations in this report are mathematical estimates based upon assumptions regarding future events, which may or may not materialize. Actuarial calculations can and do vary from one valuation to the next, sometimes significantly depending on the group's size. Projections are not predictions. Future valuations will be based on actual future experience.



12/31/2020 Valuation Results	Lower Future Annual Returns	Lower Future Annual Returns	Valuation Assumptions
Investment Return Assumption	5.35%	6.35%	7.35%
Accrued Liability	\$ 36,533,178	\$ 32,417,213	\$ 29,024,647
Valuation Assets ¹	\$ 22,595,872	\$ 22,595,872	\$ 22,595,872
Unfunded Accrued Liability	\$ 13,937,306	\$ 9,821,341	\$ 6,428,775
Funded Ratio	62%	70%	78%
Monthly Normal Cost	\$ 26,024	\$ 19,514	\$ 14,631
Monthly Amortization Payment	\$ 130,607	\$ 95,513	\$ 63,521
Total Employer Contribution²	\$ 156,631	\$ 115,027	\$ 78,152

¹ The Valuation Assets include assets from Surplus divisions, if any.

² If assets exceed accrued liabilities for a division, the division may have an overfunding credit to reduce the division's employer contribution requirement. If the overfunding credit is larger than the normal cost, the division's full credit is included in the municipality's amortization payment above but the division's total contribution requirement is zero. This can cause the displayed normal cost and amortization payment to not add up to the displayed total employer contribution.

Projection Scenarios

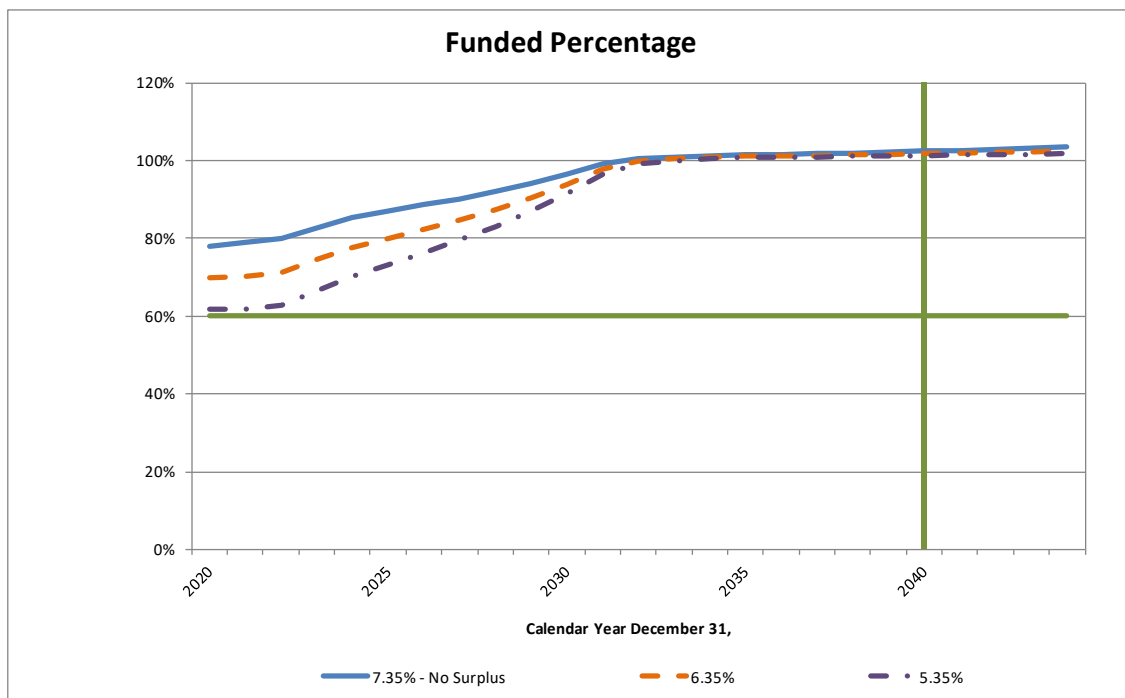
The next two pages show projections of the plan's funded ratio and computed employer contributions under the actuarial assumptions used in the valuation and alternate economic assumption scenarios. All three projections take into account the past investment experience that will continue to affect the actuarial rate of return in the short term.

The 7.35% scenario provides an estimate of computed employer contributions based on current actuarial assumptions, and a projected 7.35% market return. The other two scenarios may be useful if the municipality chooses to budget more conservatively, and make contributions in addition to the minimum requirements. The 6.35% and 5.35% projection scenarios provide an indication of the potential required employer contribution if these assumptions were met over the long-term.

Valuation Year Ending 12/31	Fiscal Year Beginning 7/1	Actuarial Accrued Liability	Valuation Assets ²	Funded Percentage	Estimated Annual Employer Contribution
7.35%¹ - NO PHASE-IN					
2020	2022	\$ 29,024,647	\$ 22,595,872	78%	\$ 937,824
2021	2023	\$ 29,500,000	\$ 23,300,000	79%	\$ 926,000
2022	2024	\$ 30,000,000	\$ 24,000,000	80%	\$ 935,000
2023	2025	\$ 30,300,000	\$ 25,100,000	83%	\$ 881,000
2024	2026	\$ 30,600,000	\$ 26,100,000	85%	\$ 841,000
2025	2027	\$ 30,800,000	\$ 26,800,000	87%	\$ 844,000
6.35%¹ - NO PHASE-IN					
2020	2022	\$ 32,417,213	\$ 22,595,872	70%	\$ 1,380,324
2021	2023	\$ 32,900,000	\$ 23,100,000	70%	\$ 1,380,000
2022	2024	\$ 33,400,000	\$ 23,800,000	71%	\$ 1,400,000
2023	2025	\$ 33,700,000	\$ 25,100,000	74%	\$ 1,360,000
2024	2026	\$ 34,000,000	\$ 26,300,000	77%	\$ 1,330,000
2025	2027	\$ 34,100,000	\$ 27,200,000	80%	\$ 1,340,000
5.35%¹ - NO PHASE-IN					
2020	2022	\$ 36,533,178	\$ 22,595,872	62%	\$ 1,879,572
2021	2023	\$ 37,000,000	\$ 22,900,000	62%	\$ 1,900,000
2022	2024	\$ 37,500,000	\$ 23,500,000	63%	\$ 1,930,000
2023	2025	\$ 37,800,000	\$ 25,100,000	67%	\$ 1,900,000
2024	2026	\$ 38,000,000	\$ 26,600,000	70%	\$ 1,870,000
2025	2027	\$ 38,100,000	\$ 27,900,000	73%	\$ 1,890,000

¹ Represents both the interest rate for discounting liabilities and the future investment return assumption on the Market Value of assets.

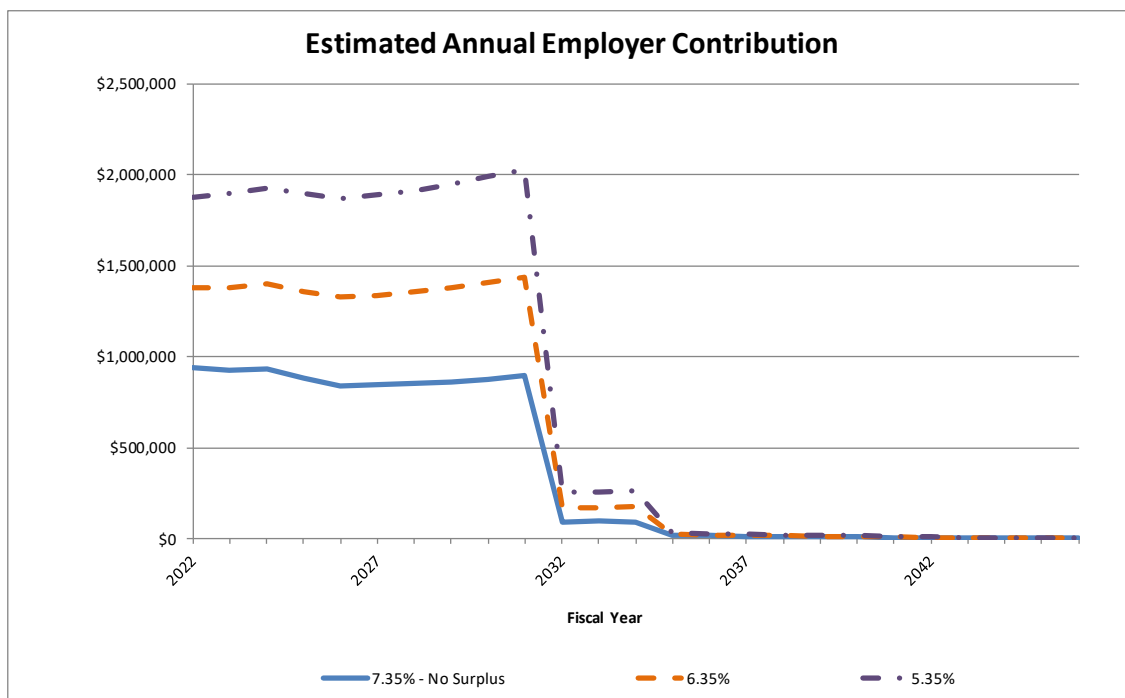
² Valuation Assets do not include assets from Surplus divisions, if any.



Notes:

All projected funded percentages are shown with no phase-in.

The green indicator lines have been added at 60% funded and 20 years following the valuation date for PA 202 purposes.



Notes:

All projected contributions are shown with no phase-in.

Table 1: Employer Contribution Details for the Fiscal Year Beginning July 1, 2022

Division	Total Normal Cost	Employee Contribut. Rate	Employer Contributions ¹			Computed Employer Contribut. With Phase-In	Blended ER Rate No Phase-In ⁵	Blended ER Rate With Phase-In ⁵	Employee Contribut. Conversion Factor ²
			Employer Normal Cost ⁶	Payment of the Unfunded Accrued Liability ⁴	Computed Employer Contribut. No Phase-In				
Percentage of Payroll									
02 - Cmmd Off & Pub Sfty & Ret w/1	20.43%	5.00%	-	-	-	-	-	-	-
10 - General Nonunion & AFSCME	11.30%	0.00%	-	-	-	-	-	-	-
20 - Cmmd Off & Pub Sfty Ret w/2%	0.00%	0.00%	-	-	-	-	-	-	-
21 - Cmmd Off & Pub Sfty Def&Ret n	0.00%	0.00%	-	-	-	-	-	-	-
Estimated Monthly Contribution³									
02 - Cmmd Off & Pub Sfty & Ret w/1			\$ 11,087	\$ 29,161	\$ 40,248	\$ 33,537			
10 - General Nonunion & AFSCME			3,544	5,406	8,950	7,186			
20 - Cmmd Off & Pub Sfty Ret w/2%			0	12,415	12,415	10,084			
21 - Cmmd Off & Pub Sfty Def&Ret n			0	16,539	16,539	14,772			
Total Municipality			\$ 14,631	\$ 63,521	\$ 78,152	\$ 65,579			
Estimated Annual Contribution³			\$ 175,572	\$ 762,252	\$ 937,824	\$ 786,948			

¹ The above employer contribution requirements are in addition to the employee contributions, if any.

² If employee contributions are increased/decreased by 1.00% of pay, the employer contribution requirement will decrease/increase by the Employee Contribution Conversion Factor. The conversion factor is usually under 1%, because employee contributions may be refunded at termination of employment, and not used to fund retirement pensions. Employer contributions will all be used to fund pensions.

³ For divisions that are open to new hires, estimated contributions are based on projected fiscal year payroll. Actual contributions will be based on actual reported monthly pays, and will be different from the above amounts. For divisions that will have no new hires (i.e., closed divisions), invoices will be based on the above dollar amounts which are based on projected fiscal year payroll. See description of Open Divisions and Closed Divisions in the Appendix.

⁴ Note that if the overfunding credit is larger than the normal cost, the full credit is shown above but the total contribution requirement is zero. This will cause the displayed normal cost and unfunded accrued liability contributions to not add across.

⁵ For linked divisions, the employer will be invoiced the Computed Employer Contribution No Phase-in rate shown above for each linked division (a contribution rate for the open division; a contribution dollar for the closed-but-linked division), unless the employer elects to contribute the Blended Employer Contribution rate shown above, by contacting MERS at 800-767-MERS (6377).

⁶ For divisions with a negative employer normal cost, employee contributions cover the normal cost and a portion of the payment of any unfunded accrued liability.

Please see the Comments on Asset Smoothing in the Executive Summary of this report.



Table 2: Benefit Provisions

02 - Cmmd Off & Pub Sfty & Ret w/1: Closed to new hires

	2020 Valuation	2019 Valuation
Benefit Multiplier:	2.50% Multiplier (80% max)	2.50% Multiplier (80% max)
Normal Retirement Age:	55	55
Vesting:	10 years	10 years
Early Retirement (Unreduced):	25 & Out	25 & Out
Early Retirement (Reduced):	-	-
Final Average Compensation:	2 years	2 years
COLA for Future Retirees:	1.00% (Compound)	1.00% (Compound)
Employee Contributions:	5.00%	5.00%
D-2:	D2 (25%)	D2 (25%)
DC Plan for New Hires:	6/1/2013	6/1/2013
	DROP+ (4%)	DROP+ (4%)
Act 88:	Yes (Adopted 12/19/2017)	Yes (Adopted 12/19/2017)

10 - General Nonunion & AFSCME: Closed to new hires

	2020 Valuation	2019 Valuation
Benefit Multiplier:	2.50% Multiplier (80% max)	2.50% Multiplier (80% max)
Normal Retirement Age:	60	60
Vesting:	10 years	10 years
Early Retirement (Unreduced):	-	-
Early Retirement (Reduced):	50/25	50/25
	55/15	55/15
Final Average Compensation:	3 years	3 years
Employee Contributions:	0.00%	0.00%
DC Plan for New Hires:	7/1/2015	7/1/2015
Act 88:	Yes (Adopted 12/19/2017)	Yes (Adopted 12/19/2017)

20 - Cmmd Off & Pub Sfty Ret w/2%: Closed to new hires

	2020 Valuation	2019 Valuation
Benefit Multiplier:	Old Plan Benefits	Old Plan Benefits
Normal Retirement Age:	-	-
Vesting:	-	-
Early Retirement (Unreduced):	-	-
Early Retirement (Reduced):	-	-
Final Average Compensation:	-	-
COLA for Current Retirees:	2.00% (Compound) payable Years 6-15	2.00% (Compound) payable Years 6-15
Employee Contributions:	-	-
Act 88:	Yes (Adopted 12/19/2017)	Yes (Adopted 12/19/2017)

21 - Cmmd Off & Pub Sfty Def&Ret n: Closed to new hires

	2020 Valuation	2019 Valuation
Benefit Multiplier:	Old Plan Benefits	Old Plan Benefits
Normal Retirement Age:	-	-
Vesting:	-	-
Early Retirement (Unreduced):	-	-
Early Retirement (Reduced):	-	-
Final Average Compensation:	-	-
Employee Contributions:	-	-
Act 88:	Yes (Adopted 12/19/2017)	Yes (Adopted 12/19/2017)

Table 3: Participant Summary

Division	2020 Valuation		2019 Valuation		2020 Valuation		
	Number	Annual Payroll ¹	Number	Annual Payroll ¹	Average Age	Average Benefit Service ²	Average Eligibility Service ²
02 - Cmmd Off & Pub Sfty & Ret w/1							
Active Employees	11	\$ 1,035,105	11	\$ 1,028,178	47.9	20.8	21.5
Vested Former Employees	2	68,460	2	68,460	44.8	15.7	15.7
Retirees and Beneficiaries	7	427,059	7	422,835	52.9		
Pending Refunds	0		0				
10 - General Nonunion & AFSCME							
Active Employees	5	\$ 406,614	6	\$ 437,079	48.9	13.5	15.2
Vested Former Employees	8	76,958	8	114,072	48.0	7.3	16.1
Retirees and Beneficiaries	20	312,674	18	254,735	73.8		
Pending Refunds	1		1				
20 - Cmmd Off & Pub Sfty Ret w/2%							
Active Employees	0	\$ 0	0	\$ 0	0.0	0.0	0.0
Vested Former Employees	1	22,742	1	22,742	53.8	0.0	14.0
Retirees and Beneficiaries	10	390,843	10	383,179	61.3		
Pending Refunds	0		0				
21 - Cmmd Off & Pub Sfty Def&Ret n							
Active Employees	0	\$ 0	0	\$ 0	0.0	0.0	0.0
Vested Former Employees	0	0	0	0	0.0	0.0	0.0
Retirees and Beneficiaries	21	637,861	21	636,521	77.2		
Pending Refunds	0		0				
Total Municipality							
Active Employees	16	\$ 1,441,719	17	\$ 1,465,257	48.2	18.5	19.5
Vested Former Employees	11	168,160	11	205,274	47.9	8.2	15.8
Retirees and Beneficiaries	58	1,768,437	56	1,697,271	70.4		
Pending Refunds	<u>1</u>		<u>1</u>				
Total Participants	86		85				

¹ Annual payroll for active employees; annual deferred benefits payable for vested former employees; annual benefits being paid for retirees and beneficiaries.

² Descriptions can be found under Miscellaneous and Technical Assumptions in the Appendix.

Table 4: Reported Assets (Market Value)

Division	2020 Valuation		2019 Valuation	
	Employer and Retiree ¹	Employee ²	Employer and Retiree ¹	Employee ²
02 - Cmmd Off & Pub Sfty & Ret w/1	\$ 10,477,105	\$ 1,219,622	\$ 9,251,072	\$ 856,470
10 - General Nonunion & AFSCME	3,894,028	189	3,669,844	188
20 - Cmmd Off & Pub Sfty Ret w/2%	3,754,170	0	3,633,487	0
21 - Cmmd Off & Pub Sfty Def&Ret n	3,893,133	0	4,019,352	0
Municipality Total³	\$ 22,018,436	\$ 1,219,811	\$ 20,573,756	\$ 856,659
Combined Assets³	\$23,238,247		\$21,430,415	

¹ Reserve for Employer Contributions and Benefit Payments.

² Reserve for Employee Contributions.

³ Totals may not add due to rounding.

The December 31, 2020 valuation assets (actuarial value of assets) are equal to 0.972357 times the reported market value of assets (compared to 1.013179 as of December 31, 2019). Refer to the Appendix for a description of the valuation asset derivation and a detailed calculation of valuation assets.

Table 5: Flow of Valuation Assets

Year Ended 12/31	Employer Contributions		Employee Contributions	Investment Income (Valuation Assets)	Benefit Payments	Employee Contribution Refunds	Net Transfers	Valuation Asset Balance
	Required	Additional						
2010	\$ 78,319		\$ 0	\$ 128,776	\$ (200,823)	\$ 0	\$ 0	\$ 2,746,799
2011	89,247	\$ 0	0	129,283	(204,366)	0	0	2,760,963
2012	115,581	0	0	116,980	(222,246)	0	0	2,771,278
2013	16,105,069	0	41,566	2,602,962	(587,115)	0	208,875	21,142,635
2014	364,160	0	69,749	1,267,102	(1,124,891)	0	756,614	22,475,369
2015	378,302	0	74,509	1,033,374	(1,275,385)	(346,277)	0	22,339,892
2016	455,838	3,999	65,122	1,093,126	(1,402,509)	0	(132,415)	22,423,053
2017	441,990	99,812	55,225	1,283,762	(1,604,695)	(603,884)	104,618	22,199,881
2018	466,194	0	46,821	780,254	(1,704,038)	0	0	21,789,112
2019	453,554	0	47,418	994,541	(1,691,826)	0	120,047	21,712,846
2020	530,124	118	49,208	1,706,579	(1,716,091)	0	313,088	22,595,872

Notes:

Transfers in and out are usually related to the transfer of participants between municipalities, and to employer and employee payments for service credit purchases (if any) that the governing body has approved.

Additional employer contributions, if any, are shown separately starting in 2011. Prior to 2011, additional contributions are combined with the required employer contributions.

The investment income column reflects the recognized investment income based on Valuation Assets. It does not reflect the market value investment return in any given year.

The Valuation Asset balance includes assets from Surplus divisions, if any.

Years where historical information is not available will be displayed with zero values.

**Table 6: Actuarial Accrued Liabilities and Valuation Assets
as of December 31, 2020**

Division	Actuarial Accrued Liability					Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
	Active Employees	Vested Former Employees	Retirees and Beneficiaries	Pending Refunds	Total			
02 - Cmmd Off & Pub Sfty & Ret w/1	\$ 7,592,955	\$ 476,651	\$ 6,210,421	\$ 0	\$ 14,280,027	\$ 11,373,395	79.6%	\$ 2,906,632
10 - General Nonunion & AFSCME	950,290	467,546	2,980,860	189	4,398,885	3,786,569	86.1%	612,316
20 - Cmmd Off & Pub Sfty Ret w/2%	0	186,987	4,721,360	0	4,908,347	3,650,393	74.4%	1,257,954
21 - Cmmd Off & Pub Sfty Def&Ret n	0	0	5,437,388	0	5,437,388	3,785,515	69.6%	1,651,873
Total	\$ 8,543,245	\$ 1,131,184	\$ 19,350,029	\$ 189	\$ 29,024,647	\$ 22,595,872	77.9%	\$ 6,428,775

Please see the Comments on Asset Smoothing in the Executive Summary of this report.

The December 31, 2020 valuation assets (actuarial value of assets) are equal to 0.972357 times the reported market value of assets. Refer to the Appendix for a description of the valuation asset derivation and a detailed calculation of valuation assets.

Table 7: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2006	\$ 2,698,285	\$ 2,428,238	90%	\$ 270,047
2007	2,811,638	2,622,886	93%	188,752
2008	3,259,993	2,726,662	84%	533,331
2009	3,286,926	2,740,527	83%	546,399
2010	3,409,094	2,746,799	81%	662,295
2011	3,616,515	2,760,963	76%	855,552
2012	3,554,401	2,771,278	78%	783,123
2013	20,993,925	21,142,635	101%	(148,710)
2014	23,242,891	22,475,369	97%	767,522
2015	25,392,908	22,339,892	88%	3,053,016
2016	25,195,545	22,423,053	89%	2,772,492
2017	25,458,110	22,199,881	87%	3,258,229
2018	25,812,948	21,789,112	84%	4,023,836
2019	27,264,396	21,712,846	80%	5,551,550
2020	29,024,647	22,595,872	78%	6,428,775

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012, 2015, 2019 and 2020 actuarial valuations.

The Valuation Assets include assets from Surplus divisions, if any.

Years where historical information is not available will be displayed with zero values.

Throughout this report are references to valuation results generated prior to the 2018 valuation date. Results prior to 2018 were received directly from the prior actuary or extracted from the previous valuation system by MERS's technology service provider.

Tables 8 and 9: Division-Based Comparative Schedules

Division 02 - Cmmd Off & Pub Sfty & Ret w/1

Table 8-02: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2010	\$ 0	\$ 0	0%	\$ 0
2011	0	0	0%	0
2012	0	0	0%	0
2013	6,819,750	7,648,648	112%	(828,898)
2014	8,955,053	8,287,467	93%	667,586
2015	10,452,840	8,483,722	81%	1,969,118
2016	10,534,090	9,120,316	87%	1,413,774
2017	10,850,243	9,386,246	87%	1,463,997
2018	11,579,309	9,724,100	84%	1,855,209
2019	12,795,939	10,240,750	80%	2,555,189
2020	14,280,027	11,373,395	80%	2,906,632

Notes: Actuarial assumptions were revised for the 2010, 2011, 2012, 2015, 2019 and 2020 actuarial valuations.

Table 9-02: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2010	0	\$ 0	\$ 0	0.00%
2011	0	0	\$ 0	0.00%
2012	0	0	\$ 0	0.00%
2013	19	1,548,187	\$ 12,991	5.00%
2014	19	1,612,865	\$ 26,588	5.00%
2015	18	1,633,001	\$ 35,222	5.00%
2016	16	1,387,246	\$ 26,644	5.00%
2017	11	945,376	\$ 23,609	5.00%
2018	11	1,012,711	\$ 29,170	5.00%
2019	11	1,028,178	\$ 38,387	5.00%
2020	11	1,035,105	\$ 40,248	5.00%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2020 valuations do not reflect the phase-in of the change in contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available will be displayed with zero values.

Division 10 - General Nonunion & AFSCME

Table 8-10: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2010	\$ 2,502,668	\$ 1,623,677	65%	\$ 878,991
2011	2,632,347	1,629,862	62%	1,002,485
2012	2,771,945	1,658,115	60%	1,113,830
2013	2,927,907	1,729,892	59%	1,198,015
2014	3,911,797	3,836,737	98%	75,060
2015	4,207,654	3,914,528	93%	293,126
2016	3,970,968	3,781,996	95%	188,972
2017	4,003,643	3,793,988	95%	209,655
2018	3,833,343	3,738,362	98%	94,981
2019	4,044,923	3,718,400	92%	326,523
2020	4,398,885	3,786,569	86%	612,316

Notes: Actuarial assumptions were revised for the 2010, 2011, 2012, 2015, 2019 and 2020 actuarial valuations.

Table 9-10: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2010	9	\$ 504,998	19.16%	0.00%
2011	9	512,168	20.72%	0.00%
2012	11	655,135	21.29%	0.00%
2013	11	671,265	21.96%	0.00%
2014	11	696,962	10.68%	0.00%
2015	8	524,413	\$ 6,348	0.00%
2016	8	517,981	\$ 5,849	0.00%
2017	7	478,539	\$ 5,794	0.00%
2018	6	418,496	\$ 4,313	0.00%
2019	6	437,079	\$ 6,528	0.00%
2020	5	406,614	\$ 8,950	0.00%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2020 valuations do not reflect the phase-in of the change in contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available will be displayed with zero values.

Division 20 - Cmmd Off & Pub Sfty Ret w/2%

Table 8-20: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2010	\$ 0	\$ 0	0%	\$ 0
2011	0	0	0%	0
2012	0	0	0%	0
2013	5,698,413	2,382,199	42%	3,316,214
2014	5,731,234	5,671,400	99%	59,834
2015	6,608,648	6,027,818	91%	580,830
2016	6,674,184	5,940,040	89%	734,144
2017	6,218,061	5,327,998	86%	890,063
2018	5,372,363	4,359,150	81%	1,013,213
2019	4,887,606	3,681,373	75%	1,206,233
2020	4,908,347	3,650,393	74%	1,257,954

Notes: Actuarial assumptions were revised for the 2010, 2011, 2012, 2015, 2019 and 2020 actuarial valuations.

Table 9-20: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2010	0	\$ 0	\$ 0	0.00%
2011	0	0	\$ 0	0.00%
2012	0	0	\$ 0	0.00%
2013	0	0	\$ 17,906	0.00%
2014	0	0	\$ 0	0.00%
2015	0	0	\$ 3,332	0.00%
2016	0	0	\$ 5,281	0.00%
2017	0	0	\$ 6,736	0.00%
2018	0	0	\$ 8,385	0.00%
2019	0	0	\$ 11,419	0.00%
2020	0	0	\$ 12,415	0.00%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2020 valuations do not reflect the phase-in of the change in contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available will be displayed with zero values.

Division 21 - Cmmd Off & Pub Sfty Def&Ret n

Table 8-21: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2010	\$ 0	\$ 0	0%	\$ 0
2011	0	0	0%	0
2012	0	0	0%	0
2013	4,753,319	8,266,476	174%	(3,513,157)
2014	4,644,807	4,679,765	101%	(34,958)
2015	4,123,766	3,913,824	95%	209,942
2016	4,016,303	3,580,701	89%	435,602
2017	4,386,163	3,691,649	84%	694,514
2018	5,027,933	3,967,500	79%	1,060,433
2019	5,535,928	4,072,323	74%	1,463,605
2020	5,437,388	3,785,515	70%	1,651,873

Notes: Actuarial assumptions were revised for the 2010, 2011, 2012, 2015, 2019 and 2020 actuarial valuations.

Table 9-21: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2010	0	\$ 0	\$ 0	0.00%
2011	0	0	\$ 0	0.00%
2012	0	0	\$ 0	0.00%
2013	0	0	\$ 0	0.00%
2014	0	0	\$ 0	0.00%
2015	0	0	\$ 1,472	0.00%
2016	0	0	\$ 3,176	0.00%
2017	0	0	\$ 5,398	0.00%
2018	0	0	\$ 9,074	0.00%
2019	0	0	\$ 14,159	0.00%
2020	0	0	\$ 16,539	0.00%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2020 valuations do not reflect the phase-in of the change in contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available will be displayed with zero values.

Table 10: Division-Based Layered Amortization Schedule

Division 02 - Cmmd Off & Pub Sfty & Ret w/1

Table 10-02: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 7/1/2022		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
Initial	12/31/2015	\$ 1,969,118	19	\$ 2,013,680	10	\$ 249,504
(Gain)/Loss	12/31/2016	(763,800)	17	(777,487)	10	(96,336)
(Gain)/Loss	12/31/2017	74,797	15	76,661	10	9,504
(Gain)/Loss	12/31/2018	420,905	13	437,904	10	54,264
(Gain)/Loss	12/31/2019	201,253	11	213,659	10	26,472
Assumption	12/31/2019	479,347	11	497,217	10	61,608
Experience	12/31/2020	325,871	10	362,451	10	44,916
Total				\$ 2,824,085		\$ 349,932

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2020 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2020 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

Division 10 - General Nonunion & AFSCME

Table 10-10: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 7/1/2022		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
Initial	12/31/2015	\$ 293,126	21	\$ 253,717	13	\$ 25,608
(Gain)/Loss	12/31/2016	(73,493)	19	(78,329)	13	(7,908)
(Gain)/Loss	12/31/2017	23,370	17	24,921	13	2,520
(Gain)/Loss	12/31/2018	(114,179)	15	(122,602)	13	(12,372)
(Gain)/Loss	12/31/2019	128,583	14	139,377	13	14,064
Assumption	12/31/2019	112,314	14	120,497	13	12,156
Experience	12/31/2020	274,460	13	305,269	13	30,804
Total				\$ 642,850		\$ 64,872

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2020 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2020 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

Division 20 - Cmmd Off & Pub Sfty Ret w/2%

Table 10-20: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 7/1/2022		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
Initial	12/31/2015	\$ 580,830	19	\$ 484,000	10	\$ 59,976
(Gain)/Loss	12/31/2016	222,040	17	226,013	10	28,008
(Gain)/Loss	12/31/2017	119,471	15	122,437	10	15,168
(Gain)/Loss	12/31/2018	106,961	13	111,272	10	13,788
(Gain)/Loss	12/31/2019	16,591	11	17,608	10	2,184
Assumption	12/31/2019	172,693	11	177,586	10	22,008
Experience	12/31/2020	56,909	10	63,297	10	7,848
Total				\$ 1,202,213		\$ 148,980

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2020 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2020 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

Division 21 - Cmmd Off & Pub Sfty Def&Ret n

Table 10-21: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 7/1/2022		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
Initial	12/31/2015	\$ 209,942	19	\$ 213,729	10	\$ 26,484
(Gain)/Loss	12/31/2016	209,528	17	213,284	10	26,424
(Gain)/Loss	12/31/2017	234,311	15	240,152	10	29,760
(Gain)/Loss	12/31/2018	340,350	13	354,098	10	43,872
(Gain)/Loss	12/31/2019	236,831	11	251,426	10	31,152
Assumption	12/31/2019	138,639	11	139,677	10	17,304
Experience	12/31/2020	170,285	10	189,400	10	23,472
Total				\$ 1,601,766		\$ 198,468

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2020 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2020 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

GASB Statement No. 68 Information

The following information has been prepared to provide some of the information necessary to complete GASB Statement No. 68 disclosures. GASB Statement No. 68 is effective for fiscal years beginning after June 15, 2014. Additional resources, including an Implementation Guide, are available at <http://www.mersofmich.com/>.

Actuarial Valuation Date:	12/31/2020
Measurement Date of the Total Pension Liability (TPL):	12/31/2020

At 12/31/2020, the following employees were covered by the benefit terms:

Inactive employees or beneficiaries currently receiving benefits:	58
Inactive employees entitled to but not yet receiving benefits (including refunds):	12
Active employees:	<u>16</u>
	86

Total Pension Liability as of 12/31/2019 measurement date:	\$ 26,570,396
--	---------------

Total Pension Liability as of 12/31/2020 measurement date:	\$ 28,270,044
--	---------------

Service Cost for the year ending on the 12/31/2020 measurement date:	\$ 258,595
--	------------

Change in the Total Pension Liability due to:

- Benefit changes ¹ :	\$ 0
- Differences between expected and actual experience ² :	\$ 272,445
- Changes in assumptions ² :	\$ 920,735

Average expected remaining service lives of all employees (active and inactive):	1
--	---

¹ A change in liability due to benefit changes is immediately recognized when calculating pension expense for the year.

² Changes in liability due to differences between actual and expected experience, and changes in assumptions, are recognized in pension expense over the average remaining service lives of all employees.

Covered employee payroll (Needed for Required Supplementary Information):	\$ 1,441,719
---	--------------

Note: Covered employee payroll may differ from the GASB Statement No. 68 definition.

Sensitivity of the Net Pension Liability to changes in the discount rate:

	1% Decrease (6.60%)	Current Discount Rate (7.60%)	1% Increase (8.60%)
Change in Net Pension Liability as of 12/31/2020:	\$ 3,238,165	\$ 0	\$ (2,705,601)

Note: The current discount rate shown for GASB Statement No. 68 purposes is higher than the MERS assumed rate of return. This is because for GASB Statement No. 68 purposes, the discount rate must be gross of administrative expenses, whereas for funding purposes it is net of administrative expenses.

Benefit Provision History

The following benefit provision history is provided by MERS. Any corrections to this history or discrepancies between this information and information displayed elsewhere in the valuation report should be reported to MERS. All provisions are listed by date of adoption.

02 - Cmmd Off & Pub Sfty & Ret w/1

12/1/2020	Non-Accelerated Amortization
12/31/2018	Accelerated to 5-year Amortization
12/19/2017	Covered by Act 88
12/1/2016	Service Credit Purchase Estimates - Yes
6/1/2013	DROP+ Program - 4% Reduction
6/1/2013	Day of work defined as 12 Hours a Day for All employees.
6/1/2013	Benefit D2 Plan
6/1/2013	25 Years & Out
6/1/2013	Benefit FAC-2 (2 Year Final Average Compensation)
6/1/2013	Non Standard Compensation Definition
6/1/2013	10 Year Vesting
6/1/2013	Benefit B-4 (80% max)
6/1/2013	Benefit F55 (With 10 Years of Service)
6/1/2013	Member Contribution Rate 5.00%
6/1/2013	E2 1% Comp COLA for future retirees (06/01/2013)
6/1/2013	DC Adoption Date 06-01-2013
	Fiscal Month - July
	Defined Benefit Normal Retirement Age - 60
	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years

10 - General Nonunion & AFSCME

12/1/2020	Non-Accelerated Amortization
12/19/2017	Covered by Act 88
12/1/2016	Service Credit Purchase Estimates - Yes
7/1/2015	Accelerated to 15-year Amortization
7/1/2015	DC Adoption Date 07-01-2015
12/1/2001	Benefit B-4 (80% max)
7/1/1998	Benefit FAC-3 (3 Year Final Average Compensation)
7/1/1998	10 Year Vesting
7/1/1998	Benefit B-3 (80% max)
7/1/1998	Member Contribution Rate 0.00%
	Fiscal Month - July
	Defined Benefit Normal Retirement Age - 60
	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years

20 - Cmmd Off & Pub Sfty Ret w/2%

12/1/2020	Non-Accelerated Amortization
12/31/2018	Accelerated to 5-year Amortization
12/19/2017	Covered by Act 88
12/1/2016	Service Credit Purchase Estimates - Yes
8/1/2013	E1 2% Comp COLA for past retirees (08/01/2013)
6/1/2013	Benefit FAC-3 (3 Year Final Average Compensation)



20 - Cmmd Off & Pub Sfty Ret w/2%

6/1/2013	6 Year Vesting
6/1/2013	Benefit B-1
	Fiscal Month - July
	Defined Benefit Normal Retirement Age - 60
	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years

21 - Cmmd Off & Pub Sfty Def&Ret n

12/1/2020	Non-Accelerated Amortization
12/31/2018	Accelerated to 5-year Amortization
12/19/2017	Covered by Act 88
12/1/2016	Service Credit Purchase Estimates - Yes
6/1/2013	Benefit FAC-3 (3 Year Final Average Compensation)
6/1/2013	6 Year Vesting
6/1/2013	Benefit B-1
	Fiscal Month - July
	Defined Benefit Normal Retirement Age - 60
	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years

Plan Provisions, Actuarial Assumptions, and Actuarial Funding Method

Details on MERS plan provisions, actuarial assumptions, and actuarial methodology can be found in the Appendix. Some actuarial assumptions are specific to this municipality and its divisions. These are listed below.

Increase in Final Average Compensation

Division	FAC Increase Assumption
All Divisions	1.00%

Miscellaneous and Technical Assumptions

Loads – For divisions with the DROP+ provision, the present value of future benefits, actuarial accrued liability, and total normal costs are increased by 16%.

Amortization Policy for Closed Not Linked Divisions: The default funding policy for closed not linked divisions, including open divisions with zero active members, is to follow a non-accelerated amortization, where each closed period decreases by one-year each year until the period is exhausted. In select instances, closed not linked division(s) may follow an accelerated amortization policy.

Risk Commentary

Determination of the accrued liability, the employer contribution, and the funded ratio requires the use of assumptions regarding future economic and demographic experience. Risk measures, as illustrated in this report, are intended to aid in the understanding of the effects of future experience differing from the assumptions used in the course of the actuarial valuation. Risk measures may also help with illustrating the potential volatility in the accrued liability, the actuarially determined contribution and the funded ratio that result from the differences between actual experience and the actuarial assumptions.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions due to changing conditions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period, or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. The scope of an actuarial valuation does not include an analysis of the potential range of such future measurements.

Examples of risk that may reasonably be anticipated to significantly affect the plan's future financial condition include:

- **Investment Risk** – actual investment returns may differ from the expected returns;
- **Asset/Liability Mismatch** – changes in asset values may not match changes in liabilities, thereby altering the gap between the accrued liability and assets and consequently altering the funded status and contribution requirements;
- **Salary and Payroll Risk** – actual salaries and total payroll may differ from expected, resulting in actual future accrued liability and contributions differing from expected;
- **Longevity Risk** – members may live longer or shorter than expected and receive pensions for a period of time other than assumed; and
- **Other Demographic Risks** – members may terminate, retire or become disabled at times or with benefits other than assumed resulting in actual future accrued liability and contributions differing from expected.

The effects of certain trends in experience can generally be anticipated. For example, if the investment return since the most recent actuarial valuation is less (or more) than the assumed rate, the cost of the plan can be expected to increase (or decrease). Likewise, if longevity is improving (or worsening), increases (or decreases) in cost can be anticipated.

PLAN MATURITY MEASURES

Risks facing a pension plan evolve over time. A young plan with virtually no investments and paying few benefits may experience little investment risk. An older plan with a large number of members in pay status and a significant trust may be much more exposed to investment risk. Generally accepted plan maturity measures include the following:

	<u>12/31/2020</u>	<u>12/31/2019</u>	<u>12/31/2018</u>
1. Ratio of the market value of assets to total payroll	16.1	14.6	13.9
2. Ratio of actuarial accrued liability to payroll	20.1	18.6	18.0
3. Ratio of actives to retirees and beneficiaries	0.3	0.3	0.3
4. Ratio of market value of assets to benefit payments	13.5	12.7	11.7
5. Ratio of net cash flow to market value of assets (boy)	-3.8%	-5.4%	-5.4%

RATIO OF MARKET VALUE OF ASSETS TO TOTAL PAYROLL

The relationship between assets and payroll is a useful indicator of the potential volatility of contributions. For example, if the market value of assets is 2.0 times the payroll, a return on assets 5% different than assumed would equal 10% of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in plan sponsor contributions as a percentage of payroll.

RATIO OF ACTUARIAL ACCRUED LIABILITY TO PAYROLL

The relationship between actuarial accrued liability and payroll is a useful indicator of the potential volatility of contributions for a fully funded plan. A funding policy that targets a funded ratio of 100% is expected to result in the ratio of assets to payroll and the ratio of liability to payroll converging over time.

RATIO OF ACTIVES TO RETIREES AND BENEFICIARIES

A young plan with many active members and few retirees will have a high ratio of actives to retirees. A mature open plan may have close to the same number of actives to retirees resulting in a ratio near 1.0. A super-mature or closed plan may have significantly more retirees than actives resulting in a ratio below 1.0.

RATIO OF MARKET VALUE OF ASSETS TO BENEFIT PAYMENTS

The MERS' Actuarial Policy requires a total minimum contribution equal to the excess (if any) of three times the expected annual benefit payments over the projected market value of assets as of the participating municipality or court's Fiscal Year for which the contribution applies. The ratio of market value of assets to benefit payments as of the valuation date provides an indication of whether the division is at risk for triggering the minimum contribution rule in the near term. If the division triggers this minimum contribution rule, the required employer contributions could increase dramatically relative to previous valuations.

RATIO OF NET CASH FLOW TO MARKET VALUE OF ASSETS

A positive net cash flow means contributions exceed benefits and expenses. A negative cash flow means existing funds are being used to make payments. A certain amount of negative net cash flow is generally expected to occur when benefits are prefunded through a qualified trust. Large negative net cash flows as a percent of assets may indicate a super-mature plan or a need for additional contributions.

State Reporting

The following information has been prepared to provide some of the information necessary to complete the Public Act 202 pension reporting requirements for the State of Michigan's Local Government Retirement System Annual Report (Form No. 5572). Additional resources are available at www.mersofmich.com and on the State [website](#).

Form 5572		
Line Reference	Description	Result
10	Membership as of December 31, 2020	
11	Indicate number of active members	16
12	Indicate number of inactive members (excluding pending refunds)	11
13	Indicate number of retirees and beneficiaries	58
14	Investment Performance for Calendar Year Ending December 31, 2020¹	
15	Enter actual rate of return - prior 1-year period	13.59%
16	Enter actual rate of return - prior 5-year period	9.35%
17	Enter actual rate of return - prior 10-year period	7.91%
18	Actuarial Assumptions	
19	Actuarial assumed rate of investment return ²	7.35%
20	Amortization method utilized for funding the system's unfunded actuarial accrued liability, if any	Level Percent
21	Amortization period utilized for funding the system's unfunded actuarial accrued liability, if any ³	13
22	Is each division within the system closed to new employees? ⁴	Yes
23	Uniform Assumptions	
24	Enter retirement pension system's actuarial value of assets using uniform assumptions	\$22,437,876
25	Enter retirement pension system's actuarial accrued liabilities using uniform assumptions ⁵	\$30,140,588
27	Actuarially Determined Contribution (ADC) using uniform assumptions, Fiscal Year Ending June 30, 2021	\$929,448

- ¹. The Municipal Employees' Retirement System's investment performance has been provided to GRS from MERS Investment Staff and is included here for reporting purposes. The investment performance figures reported are net of investment expenses on a rolling calendar-year basis for the previous 1-, 5-, and 10-year periods as required under PA 530.
- ². Net of administrative and investment expenses.
- ³. Populated with the longest amortization period remaining in the amortization schedule, across all divisions in the plan. This is when each division and the plan in total is expected to reach 100% funded if all assumptions are met.
- ⁴. If all divisions within the employer are closed, "yes." If at least one division is open (including shadow divisions) indicate "no."
- ⁵. Line 25 actuarial accrued liability is determined under PA 202 uniform assumptions which differ from the valuation assumptions. In particular, the assumed rate of return for PA 202 purposes is 7.00%.



To: Honorable Council President George; Village Council Members
Chris Wilson, Village Manager

From: Kristin Rutkowski, Village Clerk/Assistant Village Manager

Subject: Manager's Report

Date: July 1, 2021

Village Manager Wilson is currently out of the office, so he will provide the Manager's Report verbally at the July 6, 2021 Village Council meeting.

Beverly Hills Public Safety Activity Report

June 15 – July 1, 2021

- The Public Safety Department is currently looking for applicants for Public Safety Officer. Please visit our website, www.beverlyhillspolice.com to see if you qualify.
- For more information on Coronavirus Disease and vaccine please visit;
<https://www.cdc.gov/coronavirus/2019-ncov/index.html>
<https://www.ready.gov/>
<https://www.Michigan.gov/coronavirus>
<https://www.oakgov.com/covid/Pages/default.aspx>
<https://oaklandcountyvaccine.com>

CALLS FOR SERVICE

- 344 Calls for Service.
- 75 Tickets issued.
- 5 Arrests.
- 114 Property/School check.
- Gun Permit.
- Radar enforcement on Evergreen.
- Medical on Buckingham.
- Assist citizen on Southfield.
- Radar enforcement on 14 Mile.
- Medical on Spruce.
- Assist citizen on Arlington.
- Accidental property damage on 13 Mile.
- PBT at the station.
- Traffic crash on 13 Mile.
- Medical on Southfield.
- Suspicious vehicles 13 mile.
- Crime prevention on Beverly.
- Fire instruction training.
- Selective enforcement on 13 Mile.
- Crime prevention on 13 Mile.
- Crime prevention on Beverly.
- Crime prevention on Southfield.
- Selective enforcement on Fairfax.

- Crime prevention on Village Pines.
- Selective enforcement on 13 Mile.
- Crime prevention on Hampton.
- Medical on 13 Mile.
- Traffic compliant Beverly.
- Occupational injury.
- Radar enforcement on Greenfield.
- Neighborhood trouble on Beverly.
- Solicitor complaint on Pickwick.
- Suspicious circumstances on Arlington.
- Crime prevention Southfield.
- Assist Medical on Lahser.
- Property damage accident on Lahser.
- Crime prevention Eastlady.
- Crime prevention Beverly.
- Radar enforcement Greenfield.
- Medical on Sunset.
- Suspicious vehicle on 14 Mile.
- Traffic complaint on Southfield.
- Crime prevention on Southfield.
- Crime prevention on Beverly.
- Crime prevention on Charrington.
- Crime prevention on Southfield.
- Crime prevention on Beverly.
- Crime prevention on Bellvine Trail.
- Crime prevention on Southfield.
- Radar on Lahser.
- Crime prevention on Southfield.
- Medical on 13 Mile.
- Crime prevention on Southfield.
- Lost property on Beverly.
- Crime prevention on 13 Mile.
- Crime prevention on Beverly.
- Miscellaneous complaint on Evergreen.
- Alarm on Beverly.
- Lift assist on Village Pines.
- Welfare check on Robinwood.
- Crime prevention on Beverly.
- Suspicious circumstance on Medford.
- Crime prevention on Southfield.
- Crime prevention on Beverly.
- Crime prevention on Southfield.
- Radar enforcement on 14 Mile.
- Wires down on Topper ct.

- Selective enforcement on Beaconsfield.
- Crime prevention on Dunblaine.
- Medical on 13 Mile.
- Suspicious circumstances on Pierce.
- Traffic accident on Southfield.
- Assist citizen on Southfield.
- Selective enforcement on 14 Mile.
- Crime enforcement on Beverly.
- Selective enforcement on Southfield.
- Alarm on Beverly.
- Traffic complaint at Beverly Park.
- Crime prevention on Southfield.
- Officers stopped a vehicle for a minor traffic violation and arrested the driver for Driving While License Suspended without incident.
- Fire training.
- Crime prevention on Southfield.
- Suspicious persons on Embassy.
- Selective enforcement on 14 Mile.
- Crime prevention on Southfield.
- Suspicious person on Saxon.
- Selective enforcement on Fairfax.
- Crime prevention on 13 Mile.
- Crime prevention on Beverly.
- Crime prevention on Turnberry.
- Crime prevention on 13 Mile.
- Crime prevention on Bellvine Trail.
- Crime prevention on Hillview.
- Radar enforcement on Bellvine.
- Mental health call on 13 Mile.
- Traffic crash on 13 Mile.
- Selective enforcement on Pierce.
- Traffic complaint on Southfield.
- Selective enforcement on Greenfield.
- Crime prevention on Beverly
- Ordinance violation on Allerton.
- Crime prevention on Beverly.
- Selective enforcement on 14 Mile.
- Crime prevention on Beverly.
- Officers stopped a subject for a traffic violation and arrested the driver for Driving While License suspended without incident.
- Crime prevention on Southfield.
- Crime prevention on Southfield.
- Crime prevention on Southfield.
- Crime prevention on Beverly.

- Crime prevention on Southfield.
- Assist Franklin Police on Telegraph road on an alarm.
- Selective enforcement on Evergreen.
- Selective enforcement on Lahser.
- Crime prevention on 13 Mile.
- Selective enforcement on Southfield.
- Radar enforcement on Greenfield.
- Missing person on Wellesley, subject found and returned safely.
- Animal complaint on Beverly.
- Alarm on Chelton.
- Property damage on Sheridan.
- PBT at the station.
- Suspicious person on Southfield.
- Crime prevention on 13 Mile.
- Selective enforcement on 13 Mile.
- Park and recreation check.
- Selective enforcement on 13 Mile.
- Fire truck checks.
- Crime prevention on 13 Mile.
- Crime prevention on Southfield.
- Traffic complaint on Evergreen.
- Crime prevention on 14 Mile.
- Crime prevention on Beverly.
- Crime prevention at Huntley square.
- Crime prevention on Churchill
- Animal complaint on Kirkshire.
- Fraud credit card on Riverside.
- Suspicious circumstance on 13 Mile.
- Medical on Eastlady.
- Traffic complaint on Birwood.
- Medical on 13 Mile.
- Family trouble on Locherbie.
- Animal complaint on Beverly.
- Alarm on Verona circle.
- Alarm on 13 Mile.
- Crime prevention on Beverly.
- Crime prevention on Turnberry.
- Crime prevention on Charrington.
- Traffic crash on 13 Mile.
- Radar enforcement on Lahser.
- Medical on Eastlady.
- Medical on Sunset.
- Medical on Vernon.
- Medical on Beverly.

- Suspicious persons on 13 Mile.
- Stolen car recovered on Locherbie.
- Lift assist on Marguerite.
- Crime prevention on Beverly.
- Crime prevention on Beverly.
- Crime prevention on Southfield.
- Crime prevention on Nottingham.
- Crime prevention on Southfield.
- Crime prevention on Tremont.
- Crime prevention on Riverside.
- Crime prevention Riverside.
- Crime prevention Rutland.
- Radar enforcement on Evergreen.
- Retail fraud on Southfield.
- Radar enforcement on Evergreen.
- Found property on 13 Mile.
- Crime prevention on Bellvine.
- Crime prevention on Lahser.
- Medical on Southfield.
- Assist citizen on Belmont.
- Alarm on Madoline.
- Suspicious circumstances on Arlington.
- Crime prevention on Beverly.
- Suspicious circumstance. Arlington.
- Crime prevention Beverly
- Crime prevention 13 Mile.
- Destruction of property on Waltham.
- Medical on Walmer.
- Crime prevention on 13 Mile.
- Medical on 14 Mile.
- Crime prevention on Southfield.
- Crime prevention on Beverly.
- Crime prevention on Southfield.
- Burglary of a trailer on 13 Mile.
- Sudden death on 13 Mile.
- Traffic crash 13 Mile.
- Suspicious person on 13 Mile.
- Suspicious Persons on Arlington.
- Medical alert on Marguerite.
- Crime prevention on Beverly road.
- Assist Birmingham police with an investigation.
- Crime prevention on Huntley Square.
- Assist Citizen on Beverly road.
- Crime prevention on 13 Mile.

- Assist Royal Oak police on an investigation.
- Crime prevention on Southfield.
- Crime prevention on Douglas Evans.
- Crime prevention on Nottingham.
- Crime prevention on Tremont.
- Hospice Death on Pickwick.
- Medical on Sunset.
- Suspicious circumstances on Beverly road.
- Credit card fraud on Lost Hollow Lane.
- Medical on 13 Mile.
- Traffic complaint on Evergreen.
- Suspicious circumstances on Embassy.
- Assist motorist on 13 Mile.
- Assist citizen on 13 Mile.
- Crime prevention on Pierce.
- Crime prevention on Beverly.
- Crime prevention on Metamora.
- Crime prevention on Beverly.
- Assist motorist on Eastlady.
- Traffic complaint on 13 Mile.
- Traffic complaint on Beechwood.
- Alarm on Evergreen.
- Radar enforcement on 14 Mile.
- Wires down on Coryell.
- Assist citizen on Eastlady.
- Traffic complaint on Hillview.
- Crime prevention on Greenfield.
- Lift assist on Village Pines.
- Crime prevention Beverly road.
- Ordinance violation on Beverly road.
- Crime prevention Woodhaven.
- Traffic complaint on Beechwood.
- Crime prevention on Evergreen.
- Drunk driver arrested on Southfield for a minor traffic incident. Subject was arrested without incident. A search warrant was obtained for blood, waiting results from the MSP lab.
- Medical on Beverly road.
- Alarm on 13 Mile.
- Alarm on 14 Mile.
- Alarm on Marlin court.
- Fire truck checks.
- Traffic crash on Waltham.
- Traffic complaint on Southfield.
- Ordinance violation on Riverside.

- Welfare check at Huntley Square apts.
- Ordinance violation on Riverside.
- Crime prevention on Beverly road.
- Crime prevention on Southfield.
- Crime prevention on Pierce.
- Crime prevention on Eastlady.
- Crime prevention on Fairfax.
- Fire alarm on Orchard way.
- Radar on Greenfield.
- Medical on Elizabeth.
- Suspicious person on Pebblestone.
- Medical on Marimoor.
- Suspicious circumstances at Huntley Square.
- Welfare check on Evergreen.
- Suspicious circumstances on 13 Mile.
- Miscellaneous Southfield.
- Officers stopped a vehicle for a minor traffic violation and arrested a subject without incident.
- Radar enforcement on 14 Mile.
- Crime prevention Eastlady.
- Suspicious persons on Normandale.
- Crime prevention Beverly road.
- Suspicious circumstance Evergreen.
- Radar enforcement on 13 Mile.
- Crime prevention on 13 Mile.
- Crime prevention on Huntley square.
- Crime prevention on Chelton.
- Crime prevention on Beverly road.
- Crime prevention on Inglewood.
- Radar enforcement on 14 Mile.
- Crime prevention on Sheridan.
- Radar enforcement o Greenfield.
- Crime prevention on Southfield.
- Crime prevention on Bellvine.
- Selective enforcement on Wilshire.
- Crime prevention on Carriage.
- Reckless driving on Sleepy Hollow.
- Medical on Marguerite.
- Alarm on Kirkshire.
- Alarm on Bellvine.
- Traffic accident on 13 Mile.
- Operation medicine cabinet.
- Assist another police agency for a hit and run.
- Medical on Kennoway.

- Fraud complaint on Buckingham.
- Wires down on Vernon.
- Alarm on Reedmere.
- Alarm on Birwood.
- Medical on Riverview.
- Animal complaint on Beverly road.
- Neighborhood trouble on Riverview.
- Medical on Orchard way.
- Officers stopped a vehicle for a minor traffic violation and arrested the driver for Driving While License Suspended without incident.
- Assist motorist on Southfield.
- Suspicious circumstances on Elizabeth
- Suspicious person on 13 Mile.
- Crime prevention on 13 Mile.
- Park and Recreation area check.
- Crime prevention on 14 Mile.
- Open building on Warwick.
- Crime prevention on 13 Mile.
- Open building on Birwood.
- Crime prevention on Southfield.
- Radar enforcement on Evergreen.
- Crime prevention on Beverly
- Radar enforcement on Lahser.
- Selective enforcement on Wilshire.
- Carbon monoxide on Riverview.
- Medical 13 Mile.
- Solicitor complaint on Chelton.
- Crime prevention on Southfield.
- Crime prevention 13 Mile.
- Crime prevention Beverly road.
- Crime prevention Southfield.
- Alarm on Sheridan.
- Crime prevention 13 Mile.
- Medical on 13 Mile.
- Crime prevention Nottingham.
- Crime prevention Robinwood.
- Radar enforcement Lahser.

FIRE PREVENTION

- 58 Fire/EMS reports reviewed.

INVESTIGATIONS

- CFS Closed and reviewed 190.
- Sent juvenile MDOP case to Oakland County.
- Investigated embezzlement case in Market Fresh.
- Received FTD Felony warrant on 3 counts.
- Issued 2 tickets for drunk driving.
- Reviewed 15 case reports, of which 10 were closed.
- Retail fraud investigation Market Fresh.
- Traffic conference at 46th District court.

Concert in the Park

Friday, July 16, 2021

7:00 PM Beverly Park

Featuring two local bands:

GT4

The Hood

Free to attend!
Family friendly!
Food trucks!

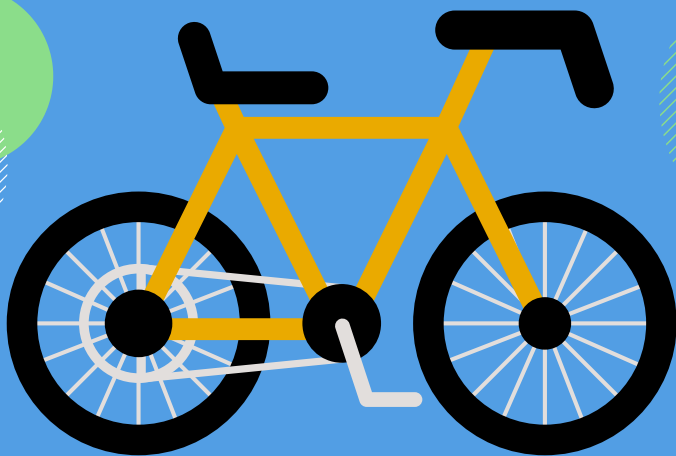


**Brought to you by the Village of Beverly Hills
Parks & Recreation Board**

Beverly Hills

Inside | Out Bike Ride

Join us for a biking tour of the DIA art reproductions in the Village of Beverly Hills on the evening of Thursday, July 22, 2021. The ride will leave from Beverly Park (18801 Beverly Road) promptly at 6:30 p.m. The ride will visit the Inside | Out reproductions installed at Riverside Park, Auburn/Beverly, and Pinecone Patch. When we return to Beverly Park, we will walk to visit the art installations there. Docent provided information will be presented at each stop. This is a slow-paced 5.5-mile ride suitable for adults 18 and over. Everyone is required to wear a helmet.



Please register in advance:
<https://www.signupgenius.com/go/9040F44A4AF2FA46-diainsideout>





- 1 Beverly Hills Village Park**
18801 Beverly Rd
The Wedding Dance, Pieter Bruegel



- 2 Beverly Hills Village Park**
18801 Beverly Rd
Head of a Woman, Unknown Artist, Egyptian



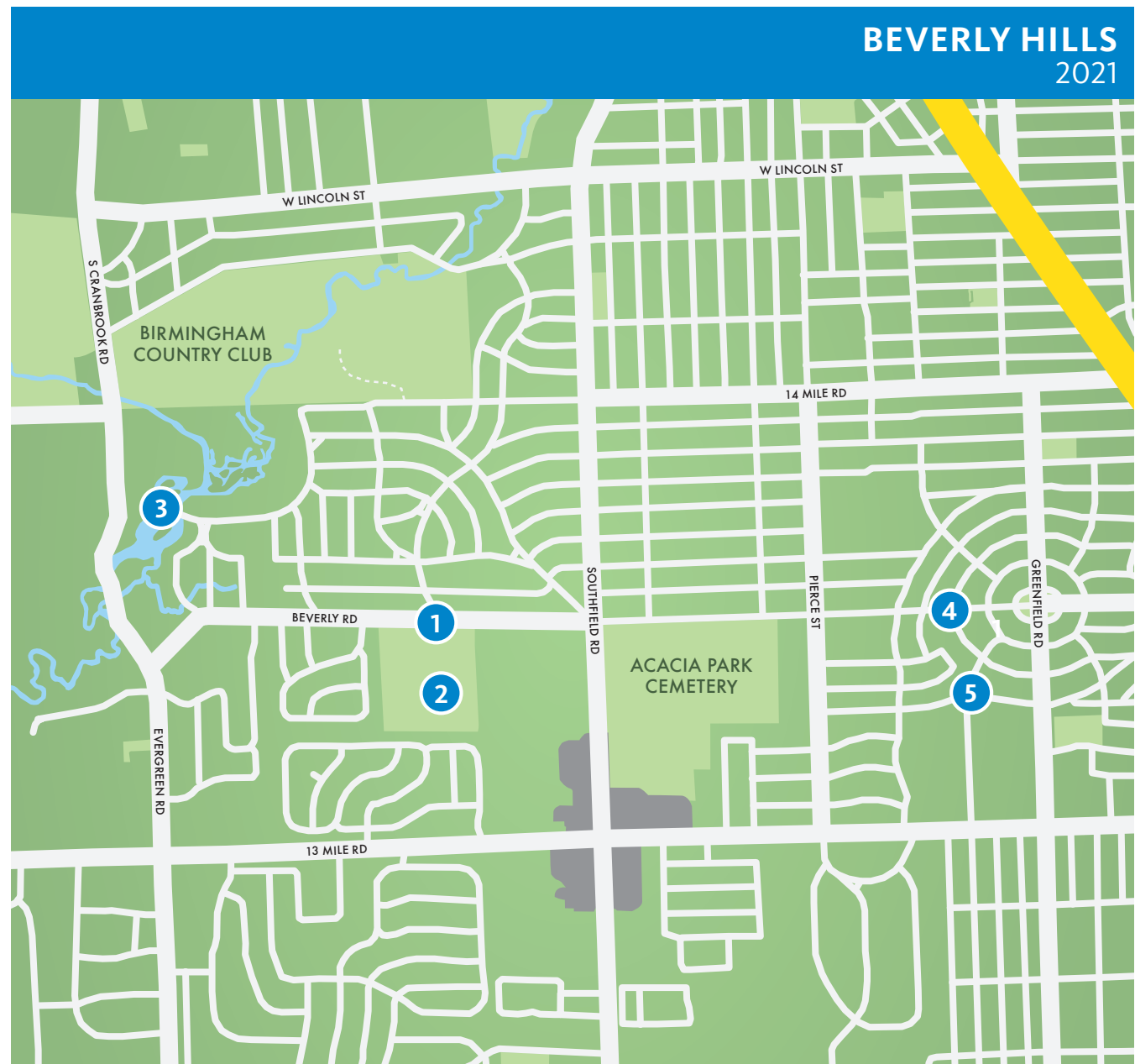
- 3 Beverly Hills Riverside Park**
The Lily Pond, Charles Harry Eaton



- 4 Auburn and Beverly**
Girl and Laurel, Winslow Homer



- 5 Pinecone Patch at Fairfax and Glencoe**
Violinist and Young Woman, Edgar Degas



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 upcoming programs.

Use hashtags [#DIAInsideOut](https://twitter.com/DIAInsideOut) and [#InsideOutUSA](https://twitter.com/InsideOutUSA) to post your experience! Follow us on:



Detroit Institute of Arts



@diadetroit



@diadetroit



@diadetroit

The Village of Beverly Hills Parks and Recreation Board Proudly Presents:

MOVIE IN THE PARK
AUGUST 24, 2021 AT DUSK
BEVERLY PARK



ROAD COMMISSION

for OAKLAND COUNTY

PRESS RELEASE PRESS RELEASE

FOR IMMEDIATE RELEASE: June 17, 2021



Contact: Craig Bryson, Public Information Officer, (248) 645-2000, ext. 2202 (e-mail: cbryson@rcoc.org)
Visit RCOC online at www.rcocweb.org

OAKLAND COUNTY TRAFFIC-FATALITY RATE REMAINS WELL BELOW STATE AND NATIONAL LEVELS

Beverly Hills, MI — Once again in 2020, Oakland County saw a substantially lower traffic-fatality rate on its roads than either the state or national rates.

The county, state and national fatality rates were recently released for 2020. For the year, Oakland County's fatality rate remained less than half of both the statewide rate and the national rate.

In fact, Oakland County has had the lowest, or among the lowest, traffic-fatality rates in the state nearly every year for decades. In part that is the result of the Road Commission for Oakland County (RCOC) making safety its top priority since the 1970s. Since that time, the agency has been a national leader in traffic safety and one of the first and most aggressive users of traffic-crash data to drive traffic-safety improvements.

For 2020, Oakland County's traffic-fatality rate was 0.64 deaths per 100 million miles of vehicle travel. For the year, the statewide rate was 1.37 fatalities per 100 million miles of vehicle travel and the national rate was 1.49.

"Despite the pandemic, we have remained focused on safety on our roads," stated Road Commission for Oakland County (RCOC) Managing Director Dennis Kolar. "Safety is our number-one priority, and while we are always striving to reduce the number of crashes, and even one fatality is too many, it is still heartening to see that our roads remain very safe compared to others across the state and nation. That is the result, in part, of all the hard work done by everyone at RCOC."

-- MORE --

FATALITY RATES / 2 OF 2

Unlike many parts of the country, the number of traffic fatalities in Oakland County dropped from 2019 to 2020. However, the fatality rate increased slightly, because traffic volumes dropped in 2020 due to the COVID-19 situation.

“While our fatality rate increased slightly for 2020 because the traffic volumes were down everywhere,” Kolar explained, “our actual drop in the number of traffic fatalities contrasts with many areas of the country that saw increased traffic fatalities despite the traffic drop.”

Kolar added that RCOC’s safety efforts are paying off. “Virtually everything we do is driven by an interest in safety,” he said, “whether it is how we select the projects we do each year, how we design those projects, how we prioritize our road maintenance activities, etc.

“Every RCOC employee contributes, in one way or another, to helping to keep our roads safe. These numbers confirm that what we are doing is making a difference.”

In fact, if Oakland’s roads experienced the same fatality rate as the national rate, another 60 to 70 people would die on our roads every year. “That’s a huge deal,” Kolar said. That’s 60 to 70 families every year that do not have to bury a loved one.”

--- # # # ---



www.therouge.org
650 Church Street Suite 209
Plymouth, MI 48170
734-927-4904

Rouge River Benthic Monitoring Program Spring 2021 Report

This report covers benthic macroinvertebrate monitoring at 35 sites on Rouge River tributaries and branches in the spring of 2021. Most were sampled during the Spring Bug Hunt on April 17, 2021 where 101 attendees sampled 25 sites in 13 teams. Two sites were sampled as part of the spring training for Team Leaders on April 10. An additional eight sites were sampled by Sue Thompson on her own and leading teams of FOTR volunteers.

FRIENDS OF THE ROUGE BENTHIC MONITORING PROGRAM

FOTR's benthic monitoring program was started in 2001 to involve a large number of volunteers in monitoring the health of the watershed by sampling the creeks of the Rouge River. The types and number of benthic macroinvertebrates found can be used to assess water quality. Each team of volunteers samples two sites under the direction of a trained team leader. Samples of each organism are collected and field identifications are verified in the lab.

Stream Quality Index, Taxa, EPT and Sensitive Families

Each site is given a **Stream Quality Index (SQI)** which is determined by weighting each type and number of organisms found by their sensitivity ratings. A higher proportion of sensitive organisms such as mayflies and caddisflies results in a higher score. A number of different organisms also results in a high score. The SQI is then given a rating:

>48 = EXCELLENT
34-48 = GOOD
19-33 = FAIR
<19 = POOR

Number of **taxa** represents the number of different families of organisms. A higher number of taxa indicate a healthier site.

EPT refers to the number of mayfly, caddisfly and stonefly families found; these three orders contain some of the most sensitive organisms.

Sensitive Families refers to insects that are rated 1 on the Hilsenhoff Sensitivity Index.

Overall Scores

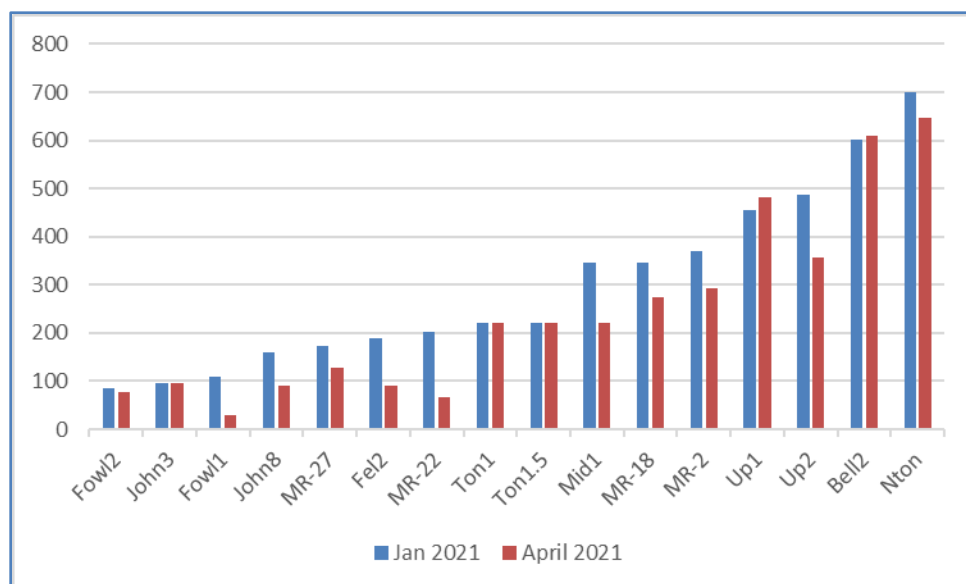
Fifty-four percent of the sites (19/35) had FAIR Stream Quality Index scores (SQI) with an average score of 30 (Table 3 p. 10, map p. 8). Eleven sites rated GOOD and four sites had POOR scores. There was one EXCELLENT score. The number of taxa at each site ranged from a low of four to a high of 21, with an average of 12. The number of insect taxa ranged from 2-15 with an average of eight. The number of EPT (see sidebar) ranged from zero to five with an average of two. Nine sites had sensitive families including Rhyacophilidae, Corydalidae, Leptophlebiidae, Lepidostomatidae, and Perlodidae and Nemouridae.

Road Salt

FOTR began testing sites for road salt during the Winter Stonefly Search in 2020 at the request of the Izaak Walton League using their simple test strip for chloride. After finding levels that would affect aquatic life at many sites in 2020 and 2021, FOTR decided to test the sites in the spring and fall to see how levels change when roads are no longer being salted. While a few sites showed a reduction in levels in spring, many were

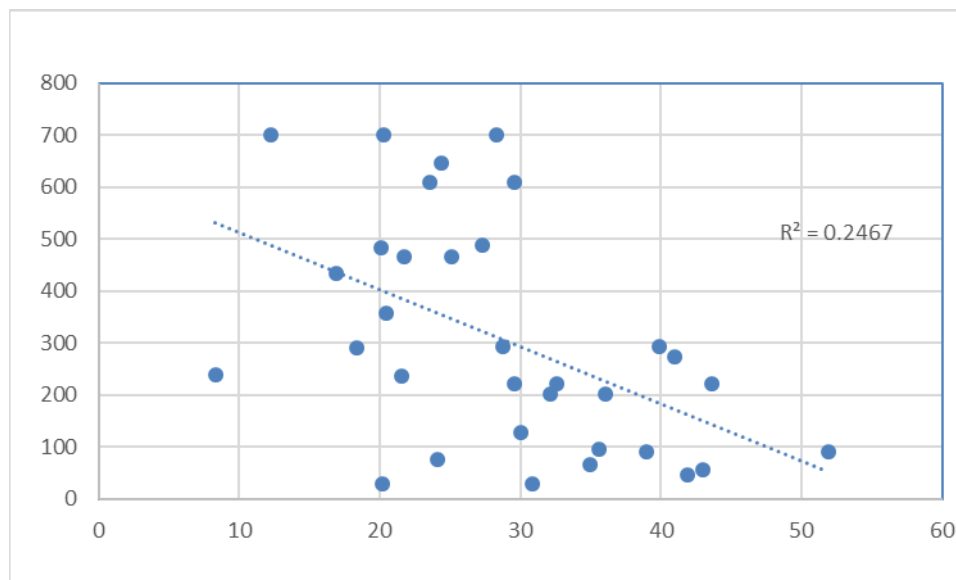
similar to their January reading or slightly increased (Chart 1)

Chart 1: Chloride ppm Winter vs. Spring 2021



Is the chloride affecting aquatic life? According to the EPA, chloride levels above 230 ppm in freshwater systems kill fish slowly and levels above 860 ppm kill fish quickly. We plotted the chloride levels against the Stream Quality Index score and found a significant negative relationship between high chloride levels and Stream Quality Index scores. All sites with SQI scores above 30 or GOOD had chloride readings below 300 ppm.

Chart 2: Chloride ppm vs Stream Quality Index



Data Trends

We compared the spring 2021 scores to the average for each site. We did not include Wall1 since major construction in the stream prevented the team from fully sampling. Of the 34 sites, four (12%) scored above a standard deviation of the mean, four (12%) were below and 26 (76%) were stable.

To compare trends over time, we analyzed the trends in SQIs over time (Table 1, p. 3; graphs p. 12-15). The Middle 1 and the Middle 3 subwatersheds are showing significant positive trends, even when combined. No other subwatershed had significant trends.

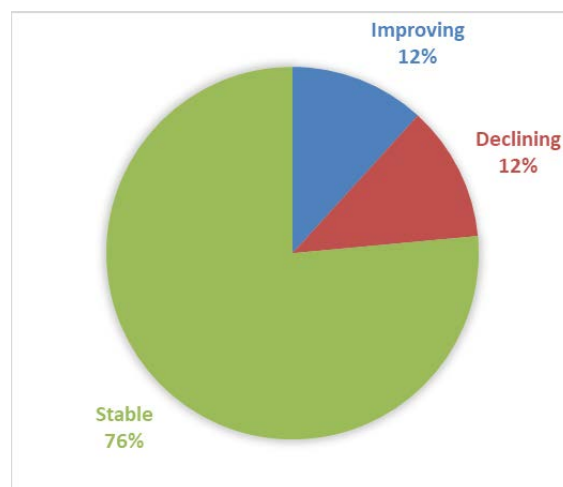


Table 1: Spring Data Summary 2001-2021					
Branch	slope	p-value	True trend	Subwatershed average score	Water Quality Rating
Main 1-2	0.0217	0.8535	no trend	27	Fair
Main3-4*	-0.1351	0.7504	no trend	25	Fair
Upper	-0.0953	0.4177	no trend	24	Fair
Johnson Creek	0.2493	0.1248	no trend	39	Good
Middle 1	0.6546	0.0002	yes, positive	30	Fair
Middle 3*	0.5756	0.0110	yes, positive	20	Fair
Lower 1	0.0885	0.5356	no trend	30	Fair
Lower 2*	-0.1050	0.6097	no trend	26	Fair
Middle 1 and Middle 3 combined	0.689	0.000005	yes, positive	27	Fair
*no sites sampled in spring 2021 in these subareas					

In addition to the trend analysis by subwatershed, a site-by-site analysis of all the sites was done (Table 2). Two sites had significant trends for the individual sites. MR-22 had a negative trend in 2019 and this continues. MR-27 just started to show a negative trend this spring. New development upstream is most likely affecting these sites.

Table 2: Spring Bug Hunt Trends by Site 2001-2021						
Site	p-value	Slope	True trend	Average SQI	Water Quality Rating	notes
MR-22	0.0190	-1.0085	yes, negative	40	Good	continues negative trend
MR-27	0.0148	-3.6774	yes, negative	46	Good	new negative trend

Lower Branch

Five sites were sampled on the Lower Branch of the Rouge (see Table 3): two sites on Fowler Creek, one on Fellows Creek and two main branch sites. Two sites scored FAIR and three GOOD. The average SQI was 34, GOOD. The number of taxa ranged from 8-16 and EPT 2-6. Two sensitive families were found at Low2: Free-living caddisflies (Rhyacophilidae) and Perlodid stoneflies (Perlodidae). Free-living caddisflies were also found at Fowl1. Chloride levels were low in all Lower sites (30-91 ppm, map p. 8).

The Lower1 and Lower 2 subwatersheds did not have significant trends though the slope was positive for the Lower 1 and negative for the Lower 2 (Table 1, graphs p. 12). In comparison to past data, three sites (Fel2, Low2 and LR-12) were above a standard deviation of the mean (Chart 3), one was below (Fowl1) and one average (Fowl2).

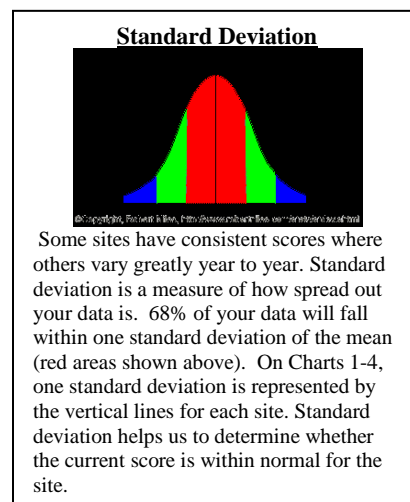
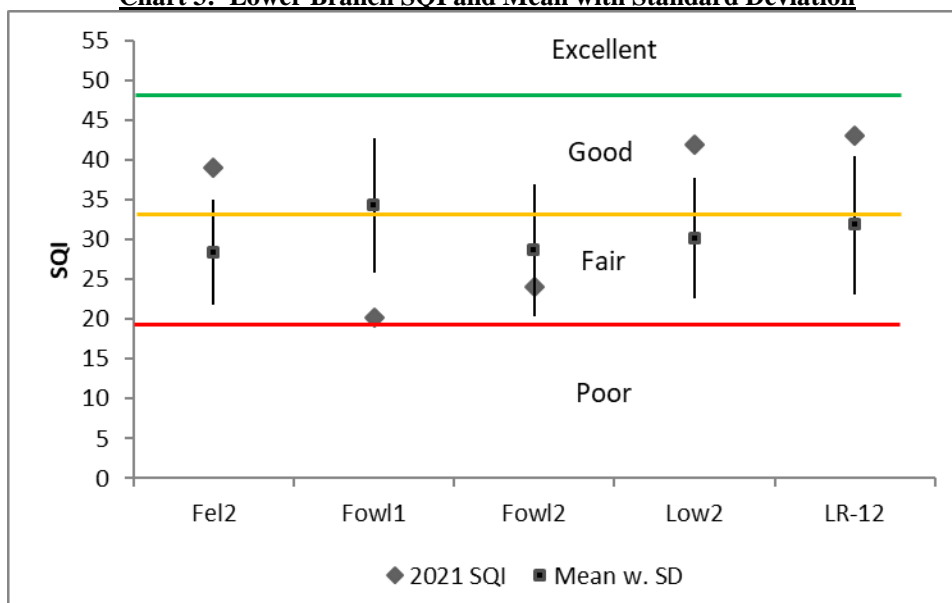


Chart 3: Lower Branch SQI and Mean with Standard Deviation



Main Branch

Six sites on the Main Branch were sampled, including Evans Creek, Sprague and Nottingham Creeks. One scored GOOD, three FAIR and two POOR with an average score of 25 (FAIR). The number of taxa ranged from 6-14 and EPT 1-3. No sensitive families were found. The Main 1/2 subwatershed did not show any significant trend (Table 1, graph p. 13). In comparison with past data (Chart 4) four sites were average, one was above a standard deviation of the mean (Main1) and one was below a standard deviation of the mean (Evan2). When analyzed by site (Table 2), no site had a significant trend. Chloride levels were all above 200 in the Main branch sites and Evan2 was at 700 ppm (map p. 8).

Chart 4: Main Branch & Tributary SQI and Mean with Standard Deviation



Middle Branch

Nineteen sites were sampled on the Middle branch including three tributaries: Johnson, Tonquish and Walled Lake Branch (includes Bishop and Ingersoll) Creeks. The average score for the Middle Branch was FAIR (32). One site scored EXCELLENT (John8), seven sites scored GOOD, nine FAIR, one and two POOR. The number of **insect** taxa ranged from 2-15 and EPT 0-6. Sensitive families were found at seven sites. Most (five) of these sites were on the Johnson Creek. Lepidostomatid casemaker caddisflies were a surprise find at MR-18 as were dobsonflies (Corydalidae) at Bish2. For both of these sites, this was a first time for any sensitive species.

Salt levels were low in the Johnson Creek (30-129), high in the Tonquish Creek and Walled Lake branches (222-700) and medium downstream in the Middle Branch (222-293) (map p. 8).

Average scores for the Middle1 and the Middle3 subwatersheds had significant positive trends (Table 1, graphs p. 14-15). In comparison with past data (Chart 5-8), most sites were within a standard deviation of the mean with the exception of MR-27 on the Johnson Creek and Wall3 which were both below. Sediment from upstream development was noted at MR-27. Wall1 was also very low but construction in the creek limited the sampling. When sites were analyzed individually, MR-22 continues a significant negative trend and MR-27 has started to decline this spring (Table 2).

Chart 5: Johnson Creek SQI and Mean with Standard Deviation

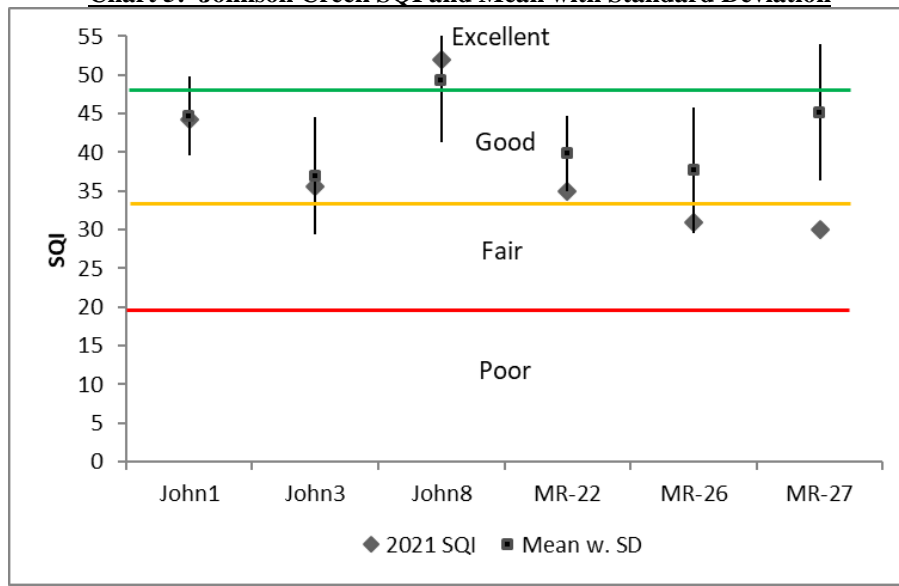


Chart 6: Walled Lake Branch SQI and Mean with Standard Deviation

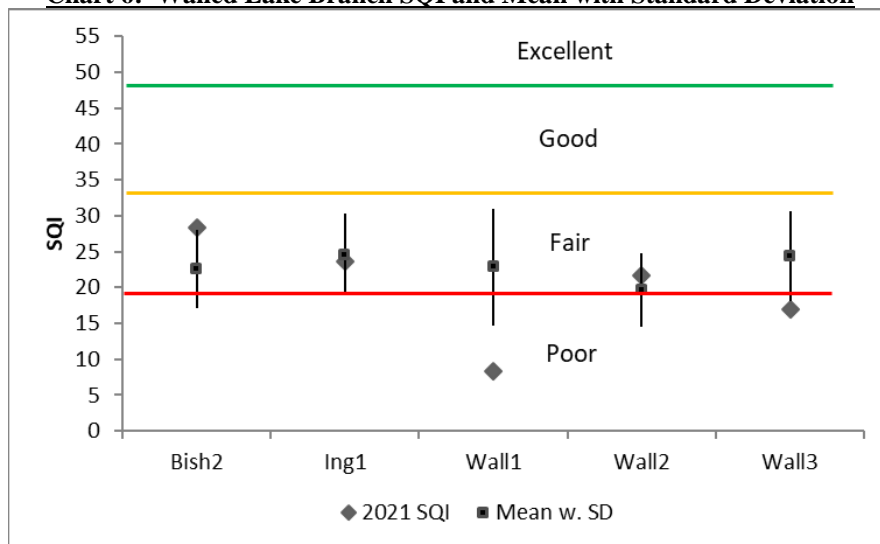


Chart 7: Tonquish Creek SQI and Mean with Standard Deviation

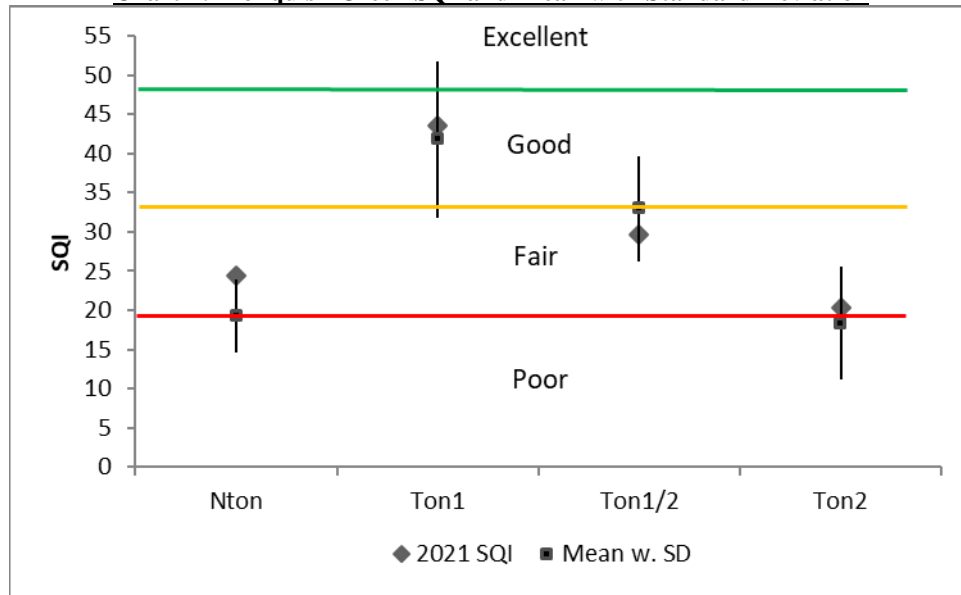
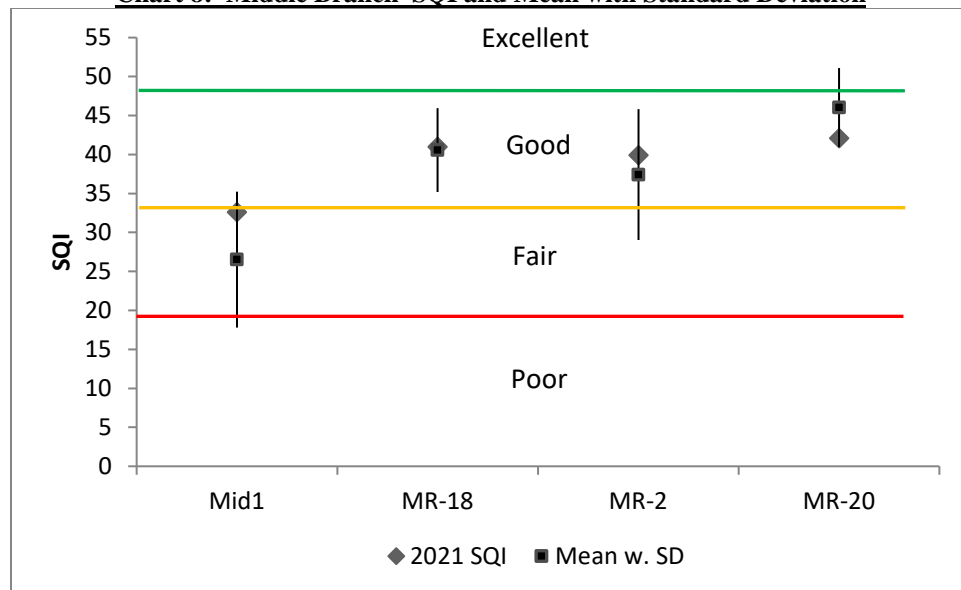


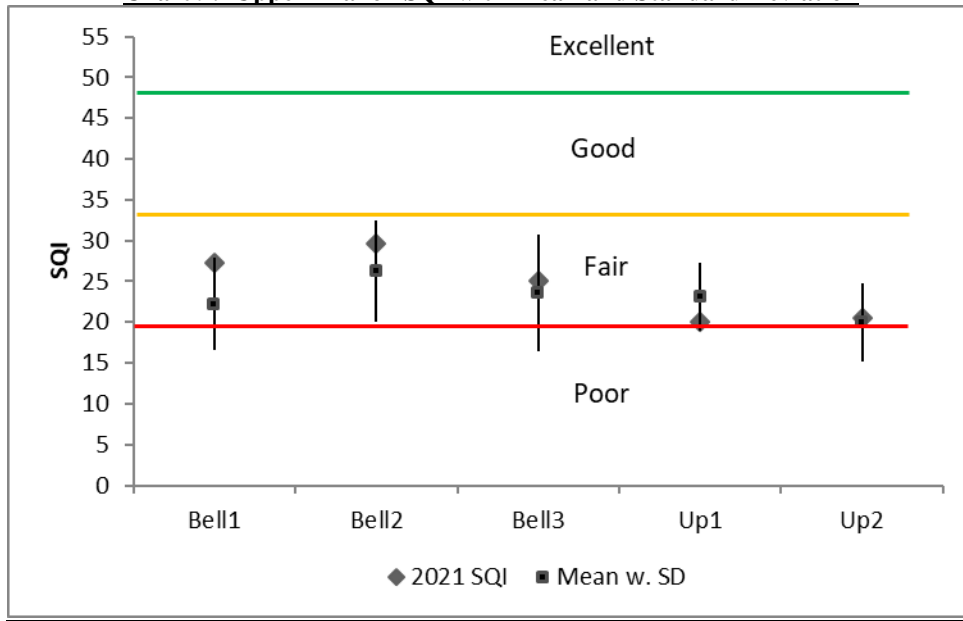
Chart 8: Middle Branch SQI and Mean with Standard Deviation



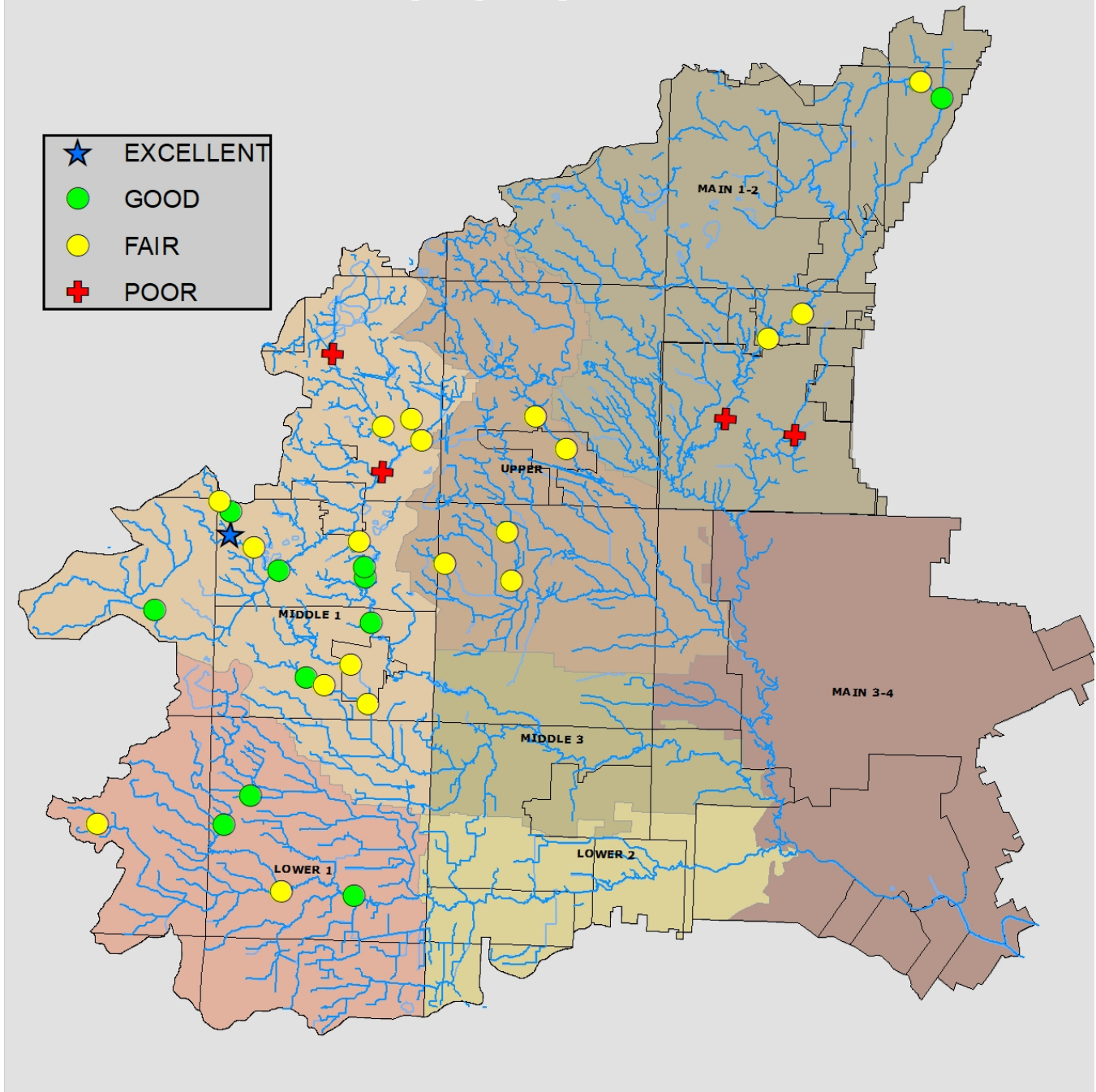
Upper Branch

Five Upper branch sites were sampled this spring, including the Bell Branch. The average score for the Upper branch was FAIR (25) and all scored FAIR. The number of taxa ranged from 8-14 and EPT 0-1. No sensitive families were found. The Upper Subwatershed did not show any overall trend though the slope was negative (Table 1, graphs p. 15). In comparison to past data, all five sites were within a standard deviation of the mean (Chart 9). Chloride levels were at harmful levels for all Upper sites (358-610).

Chart 9: Upper Branch SQI with Mean and Standard Deviation



2021 Spring Bug Hunt



2021 Spring Chloride Levels

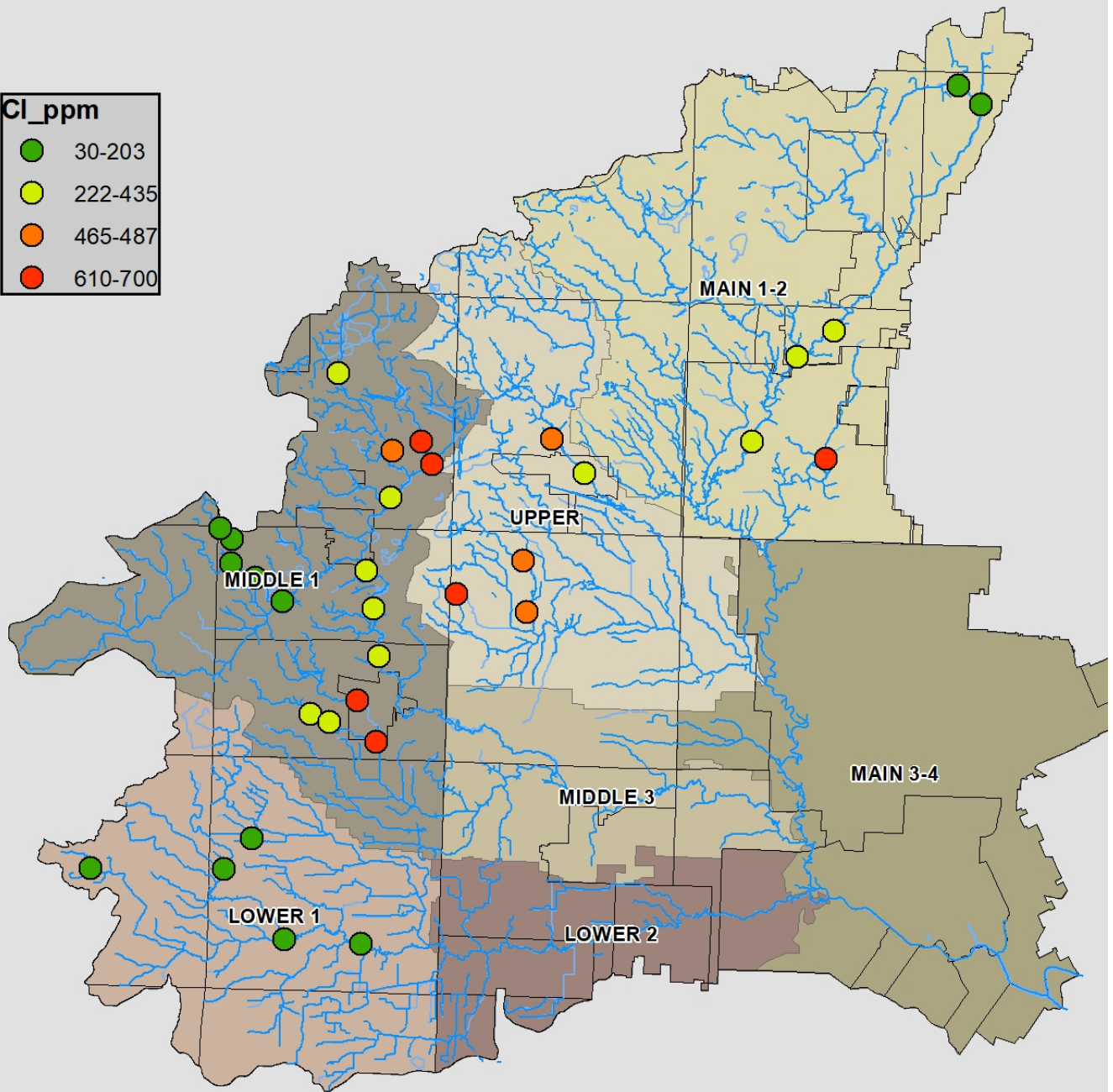
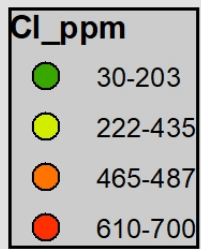


Table 3: Sites, Scores and Chloride										
Stream Name	FIELDID	City or Township	SQI	score	taxa	insect taxa	EPT	sensitive families found	sensitive families	Cl ppm
Lower Branch										
Fellows Creek	Fel2	Canton Twp	39	GOOD	15	10	2	0		91
Fowler Creek	Fowl1	Superior Twp	20	FAIR	9	7	2	1	Rhyacophilidae	30
Fowler Creek	Fowl2	Canton Twp	24	FAIR	8	4	2	0		76
Lower Rouge	Low2	Canton Twp	42	GOOD	16	12	6	2	Perlodidae, Rhyacophilidae	46
Lower Rouge	LR-12	Canton Twp	43	GOOD	15	10	3	0		56
Main Branch										
Evans Creek	Evan2	Southfield	12	POOR	6	3	1	0		700
Nottingham Creek	Nott	Beverly Hills	22	FAIR	9	4	1	0		237
Sprague Creek	Sprag	Troy	32	FAIR	14	10	2	0		203
Main Rouge	Main1	Troy	36	GOOD	13	8	3	0		203
Main Rouge	Main5	Beverly Hills	29	FAIR	10	6	2	0		293
Main Rouge	Main6	Southfield	18	POOR	8	4	2	0		290
Middle Branch										
Johnson Creek	John1	Salem Twp	44	GOOD	17	12	5	2	Rhyacophilidae, Perlodidae	
Johnson Creek	John3	Northville Twp	36	GOOD	16	11	4	1	Leptophlebiidae	97
Johnson Creek	John8	Northville Twp	52	EXCELLENT	21	15	6	2	Nemouridae, Perlodidae	91
Johnson Creek	MR-22	Northville Twp	35	GOOD	14	11	4	2	Perlodidae, Leptophlebiidae	67
Johnson Creek	MR-26	Northville Twp	31	FAIR	14	7	2	1	Leptophlebiidae	30
Johnson Creek	MR-27	Northville	30	FAIR	12	9	3	0		129
Tonquish Creek	Ton1	Plymouth Twp	44	GOOD	16	11	4	0		222
Tonquish Creek	Ton1/2	Plymouth Twp	30	FAIR	11	8	3	0		222
Tonquish Creek	Ton2	Plymouth Twp	20	FAIR	8	5	2	0		700
Tonquish Creek	Nton	Plymouth	24	FAIR	8	5	2	0		646
Bishop Creek	Bish2	Novi	28	FAIR	10	7	1	1	Corydalidae	700
Ingersoll Creek	Ing1	Novi	24	FAIR	10	5	0	0		610
Walled Lk Drainage	Wall1	Novi	8	POOR	4	2	0	0		240
Walled Lk Drainage	Wall2	Novi	22	FAIR	10	5	1	0		465
Walled Lk Drainage	Wall3	Novi	17	POOR	7	4	1	0		435
Middle Rouge	Mid1	Northville Twp	33	FAIR	13	8	1	0		222
Middle Rouge	MR-20	Northville Twp	42	GOOD	19	13	4	0		
Middle Rouge	MR-2	Northville Twp	40	GOOD	16	10	4	0		293
Middle Rouge	MR-18	Plymouth Twp	41	GOOD	17	10	5	1	Lepidostomatidae	273
Upper Branch										
Bell Branch	Bell1	Livonia	27	FAIR	12	7	1	0		487
Bell Branch	Bell2	Livonia	30	FAIR	14	8	0	0		610
Bell Branch	Bell3	Livonia	25	FAIR	10	6	1	0		465
Upper Rouge	Up1	Farmington Hills	20	FAIR	8	6	1	0		482
Upper Rouge	Up2	Farmington	21	FAIR	8	6	1	0		358

Thank you to all the **volunteers, Wayne County** and **Sue Thompson** for sampling additional sites, identifying difficult specimens and doing the trend analysis, **Bruce McCulloch** for data analysis and report review, **Deirdre Devlin** and **Schoolcraft College** students for sampling one site.

This program is supported by the Erb Family Foundation, Washtenaw County, the City of Southfield, the City of Troy, the Village of Beverly Hills, the City of Plymouth, Plymouth Township, the City of Novi, the City of Livonia and the City of Farmington.

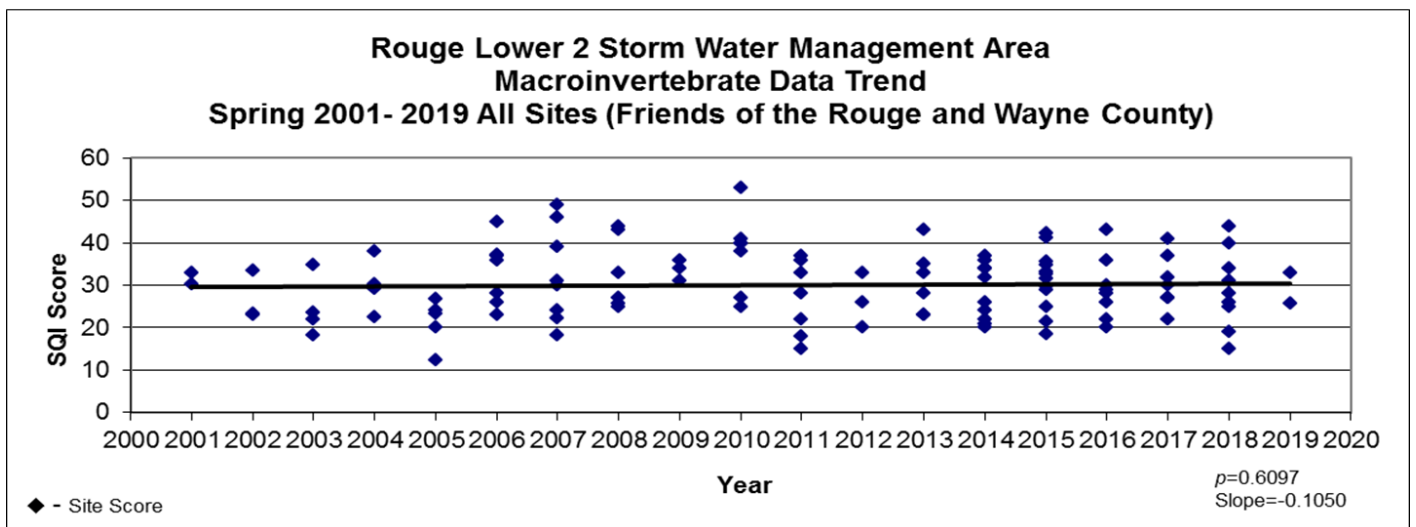
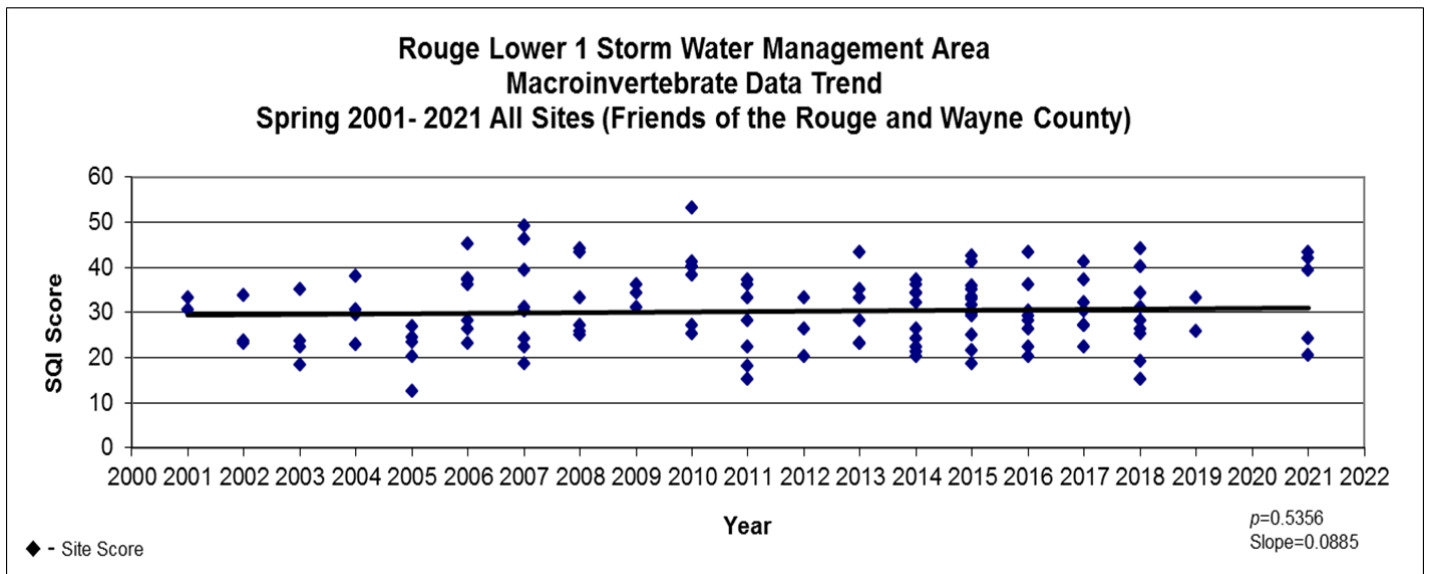
Fall Bug Hunt
Oct. 16, 2021 10 am-4pm

Sign up online today (deadline Oct. 1, 2021 at www.therouge.org)

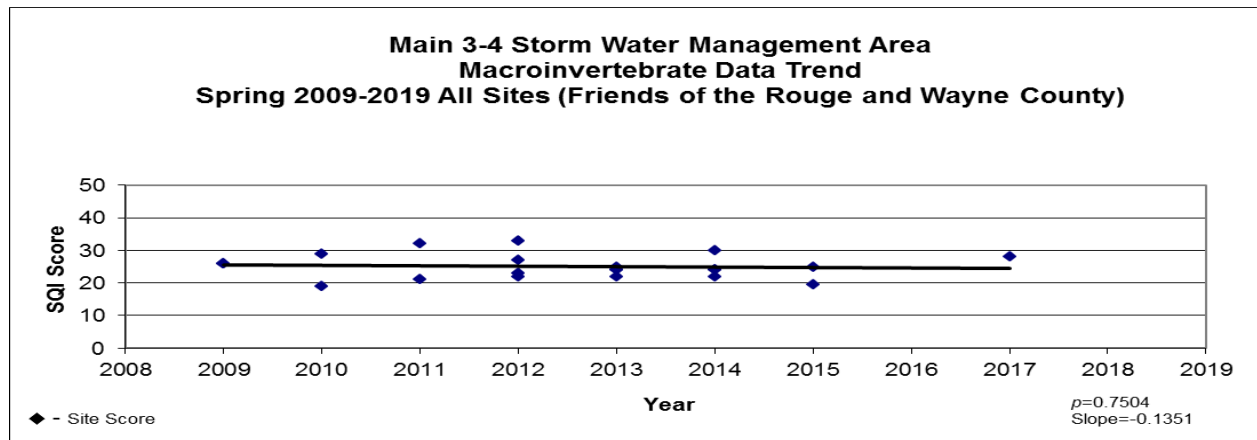
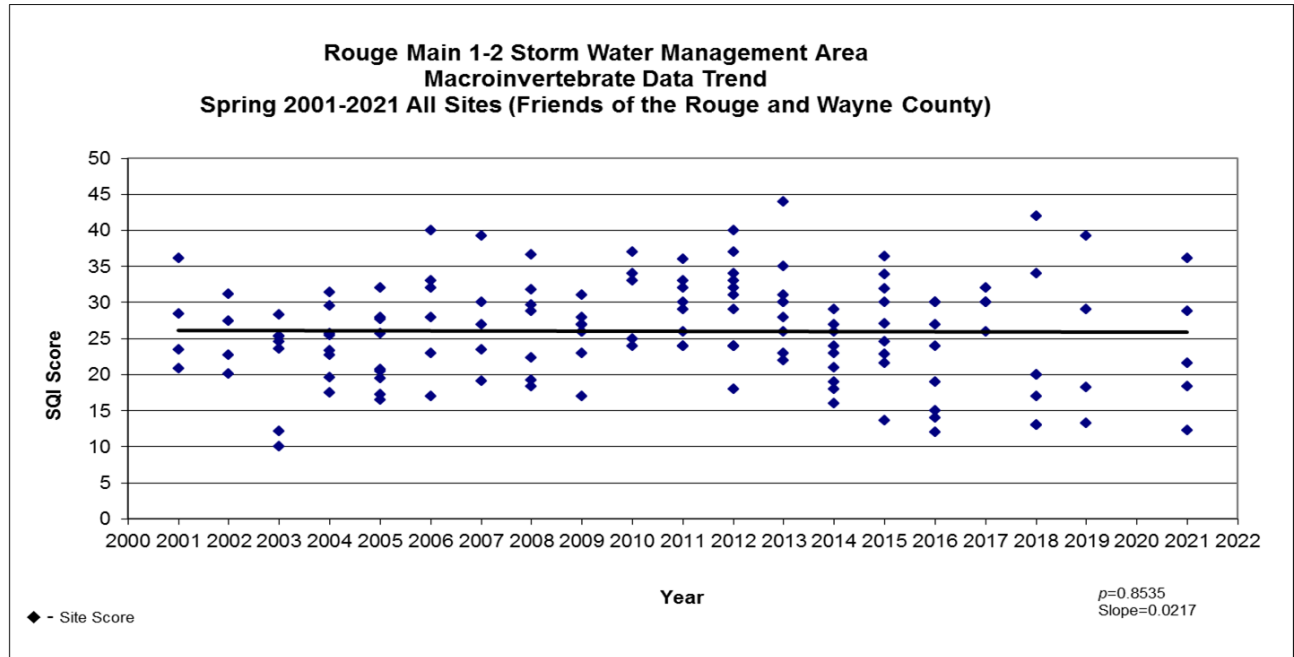
Team Leader Training – Sat. Oct. 2, 2021 9am-3pm (must have participated in a previous event)

Trend Graphs

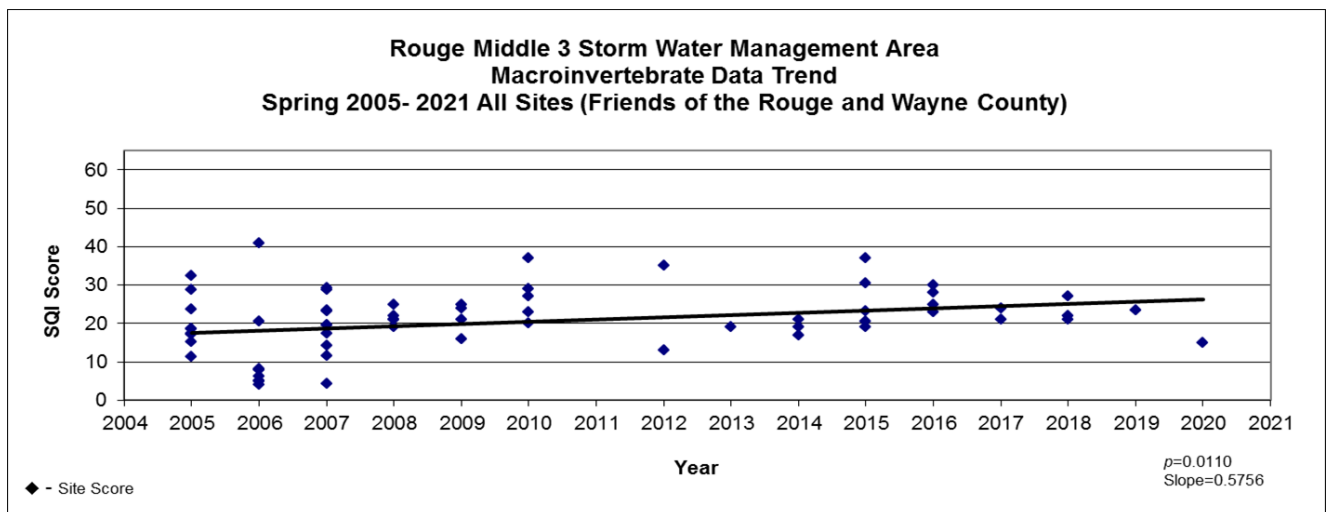
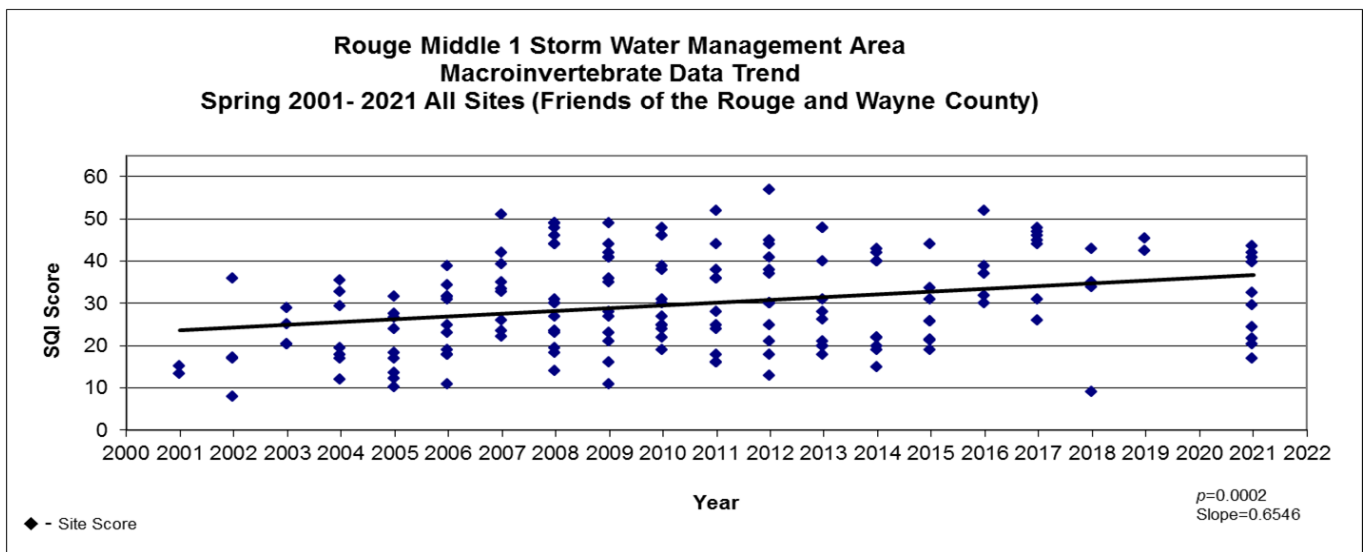
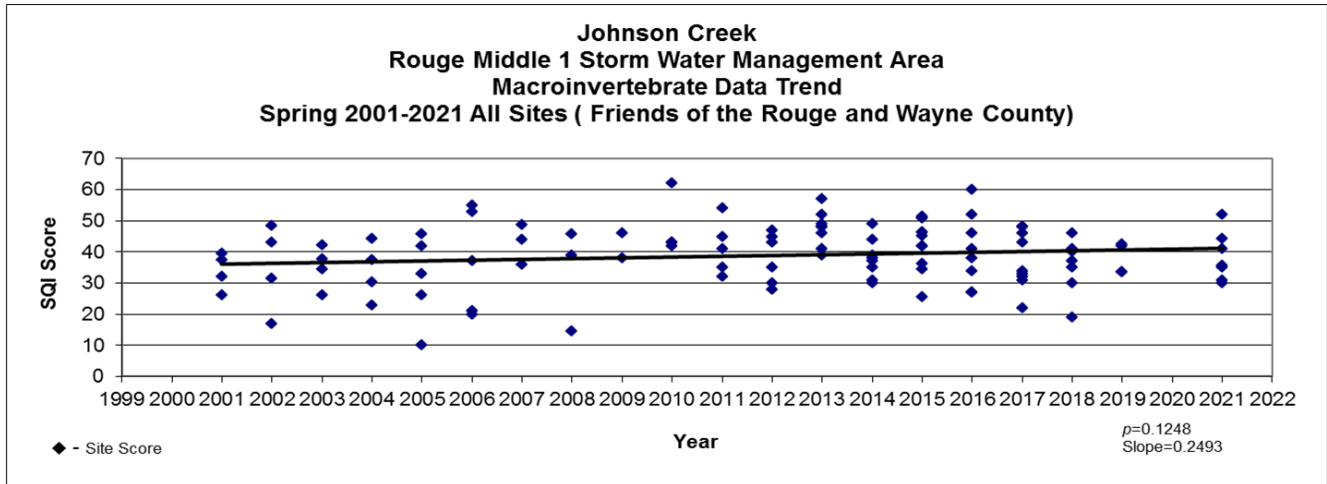
Lower Branch



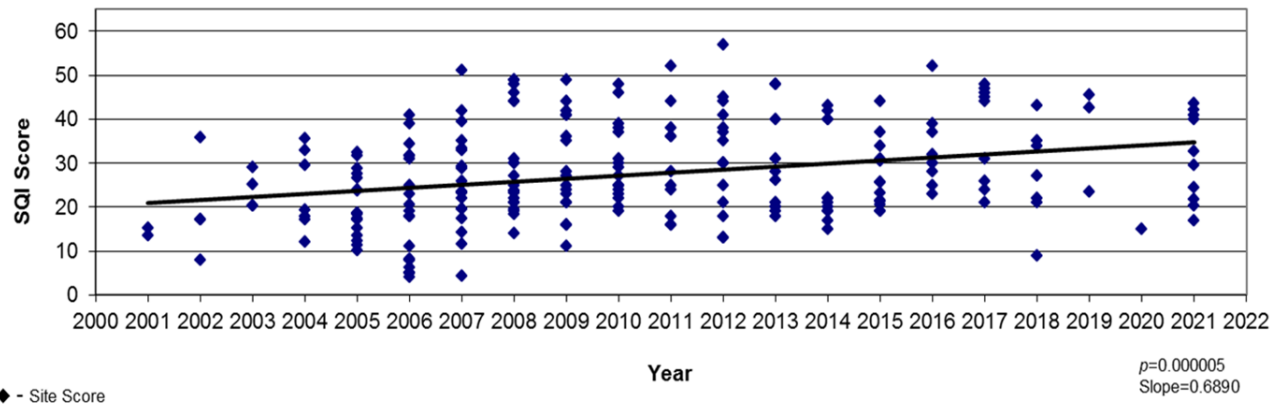
Main Branch



Middle Branch

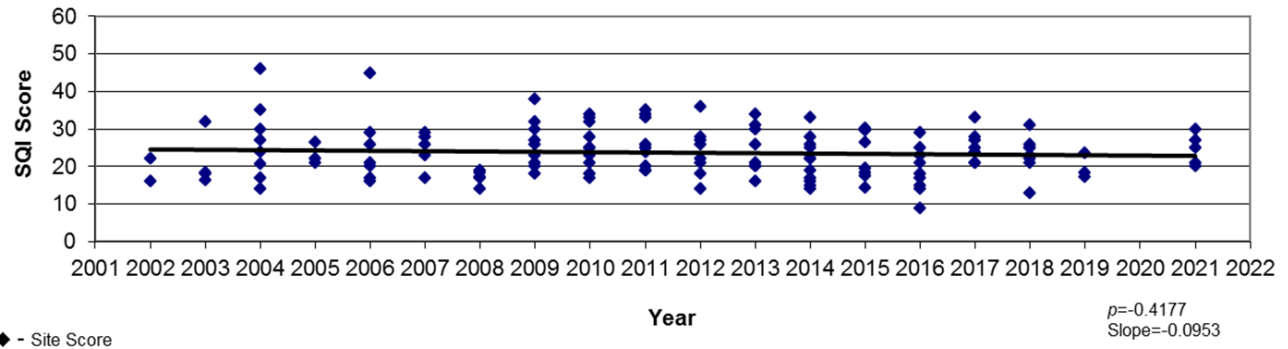


**Rouge Middle 1 and 3 Storm Water Management Area
Macroinvertebrate Data Trend
Spring 2001- 2021 All Sites (Friends of the Rouge and Wayne County)**



Upper Branch

**Upper Rouge Storm Water Management Area
Macroinvertebrate Data Trend
Spring 2002- 2021 All Sites (Friends of the Rouge and Wayne County)**





June 10, 2021

Ms. Kristin Rutkowski, Clerk
Village of Beverly Hills
18500 W. 13 Mile Road
Beverly Hills, MI 48025

RE: Programming Advisory

Dear Ms. Rutkowski:

We are committed to keeping you and our customers informed about changes to Xfinity TV services.

Xfinity has created an unprecedented ecosystem of diverse content, including permanent, curated On Demand destinations geared toward African American, Asian American, Hispanic, and LGBTQ audiences. We have more than 100 diverse networks on our Xfinity platforms that bring together a wealth of culturally relevant entertainment choices in easy-to-navigate locations.

We empower diverse content creators and have long been committed to using our storytelling platforms to deliver programming representative of the audiences we serve. We've put the full weight of our media resources behind amplifying underrepresented voices, sharing culturally representative stories, and educating our viewers on diverse and inclusive cultures, perspectives, and experiences.

Based on factors that include consumer usage, preferences, and changes in programmer offerings, we are adjusting several of our foreign language program offerings. Please see the attached summary of changes.

Please feel free to contact me at 734-359-2308 if you have any questions.

Sincerely,

Kyle V. Mazurek
Manager of External Affairs
Comcast, Heartland Region
41112 Concept Drive
Plymouth, MI 48170

Programming adjustments effective August 10, 2021:

- Customers who added the "Xfinity TV Latino" tier to their package will see the name change to "Latino Plus" and will also receive access to thousands of hours of free On Demand programming [FlixLatino and ATRES Player]. The price will remain the same and will not be available for new subscriptions. Existing customers will continue to receive the service until they make a change or receive further notice.
- Customers subscribing to the existing "Latino" tier will see the name change to the "Xfinity TV Latino" package. The package will remain priced at \$10/month for approximately 45 Spanish language channels.
- Customers will see the following changes on their bill:
 - Customers subscribing to the previously retired from sales "Brazilian 3 Pack" will see the name change to "Brazilian 4 Pack" and the Record TV Americas channel will be added to the package at no additional charge.
 - Customers subscribing to the previously retired from sales "Brazilian Jumbo Package" will see the name change to "Brazilian 4 Pack."
 - The "Filipino Elite PKG" will be renamed "Filipino 3 Pack."
 - "Zee TV / SET" will be renamed "Hindi 2 Pack."
 - "SET" will be renamed "SET: Hindi."
 - Customers subscribing to the previously retired from sales "Zee TV" will see a price decrease from \$15.95/month to \$14.99/month and will see the name change to "Zee: Hindi."
 - The "C1R" package will be renamed "Russian 2 Pack" and the NTV America channel will be added to the package at no additional charge.
 - The "Saigon Network" will be renamed "SBTN: Vietnamese."
 - "Willow Plus" will be renamed "Willow: Cricket."
- "Willow: Cricket Add-on" will no longer be available for sale.