



**Regular City Council Meeting
7:00 p.m., Monday, January 6, 2020
Conference Room
23600 Liberty Street
Farmington, MI 48335**

REGULAR MEETING AGENDA

- 1. Roll Call**
- 2. Approval of Agenda**
- 3. Public Comment**
- 4. Consideration to Adopt Resolution Approving the 2020 DDA Community Events Calendar, Temporary Liquor License Applications, Street Closures and Sidewalk Shopping Dates**
- 5. Sanitary Sewer Discussion**
- 6. Consideration to Accept the Resignation of Council Member Bill Galvin**
- 7. Discuss Process for Vacant Council Position**
- 8. Scheduling of March Board of Review**
- 9. Other Business**
- 10. Public Comment**
- 11. Council Comment**
- 12. Adjournment**

Farmington City Council Staff Report	Council Meeting Date: January 6, 2020	Item Number 4
Submitted by: Kate Knight, DDA Director		
<u>Agenda Topic:</u> Consideration to Adopt Resolution Approving the 2020 DDA Community Events Calendar, Temporary Liquor License Applications, Street Closures and Sidewalk Shopping Dates		
<u>Proposed Motion:</u> Move to adopt resolution approving the 2020 DDA community events calendar, temporary liquor license applications, street closures, and designated sidewalk shopping dates as presented.		
<u>Background:</u> The Farmington Downtown Development Authority, on behalf of the Downtown Farmington business community, is requesting that the City Council adopt a resolution approving the 2020 community events calendar, temporary liquor license applications, and street closures. In addition, the DDA respectfully requests the Mayor and Council permission on behalf of all the businesses within the Farmington DDA district, to participate in Sidewalk Shopping on any event day during 2020.		
<u>Materials:</u> Draft Resolution 2020 DDA Community Events Calendar		

2020 Event Specifications

Event	Proposed 2020 Dates	Date details	Event Specs	Issues/Comments	Business or Community-Oriented	Ranking (Opportunity for Business Engagement)	Budget Impact
Public Art Event	February 22th	Saturday from 7-9pm	Hosted at Legato, liquor license needed		Community	5	PSD/Public Art Budget
Ladies Night Out	April 23, Nov 12	Last Thursday in April, 2 nd Thursday in Nov	Open House: 5-9pm	Business participation is high.	Business	1	PSD
Art on the Grand	June 6-7 (Sat. – Sun.) Set up starts June 5	First weekend in June	Saturday: 10 am – 7 pm Sunday: 11 am – 5 pm	In partnership with City of Farmington Hills Cultural Arts.	Both, structured to be in scale with and beneficial to business and restaurants	3	Sponsor/revenue funded
Rhythms in Riley Park	June 5 - Aug. 28	13 concert dates	Fridays: 7pm – 9pm	Attendance is consistent, experienced growth in 2019/	Community	7	Sponsor funded
Rhythms Beer Garden Pop Up	June 12, July 10, August 14	3 pop ups-second Friday of each month	Open from 6-9pm, partnering with Farmington Brew	New program	Community with opportunity for business participation	4	Sponsor/revenue funded
Lunch Beats	June 3– Aug 26	13 concert dates	Wednesdays: 12pm-1pm	Series attendance more than double after first season. Average attendance 100 each week. Need to extend reach to nearby office complexes.	Community, specifically bringing in employees who may not live in Farmington	6	PSD/ Sponsor funded
Fall Programming	Friday Night in Sept & October	Friday Night 7-9pm	Bonfires and films or other programming	New program	Community	8	Sponsor
Harvest Moon Celebration	Sept. 17, 18, 19 (Thurs. – Fri.) Set up starts Sept. 14	Third full weekend in Sept.	<u>Thursday: 6 pm-11pm</u> “Low-Key Social Night” <u>Friday: 6pm-11pm</u> Harvest Moon Dance Taste of Farmington <u>Saturday: 6pm-11pm</u> Harvest Party	Needs a strong HMC Committee and more volunteer support; three night formula worked!	Community, for the most part. The Taste on Friday night welcomes restaurant participation.	4	Sponsor and revenue funded
Small Business Saturday	November 28	Saturday after Thanksgiving	Open House, 10am-4pm	Business participation is good.	Business	2	PSD

Considerations:

1. Update sponsor packages in preparation for maximizing window of opportunity for sales
2. Support Staff for Events:

Public Art Event	Legato/Businesses/Knight/Westendorf
Art on the Grand	Knight/Westendorf
Rhythms in Riley Park	Go2Guy, LLC/Knight/Westendorf
Lunch Beats	Go2Guy, LLC/Knight/Westendorf
Harvest Moon Celebration	Volunteers/Knight/Westendorf
Fall Programming	Volunteers/Knight/Westendorf
Small Business Saturday	Volunteers/Businesses/Westendorf
Ladies Night Out	Volunteers/Businesses/Westendorf

DRAFT RESOLUTION

A RESOLUTION OF THE FARMINGTON CITY COUNCIL APPROVING THE DOWNTOWN DEVELOPMENT AUTHORITY'S 2020 EVENT CALENDAR WHICH INCLUDES DATES, TIMES, LOCATIONS, AUTHORIZATION FOR ROAD CLOSURES, AND AUTHORIZATION TO APPLY FOR TEMPORARY LIQUOR LICENSES.

WHEREAS, the Farmington Downtown Development Authority (DDA) has approved a 2020 schedule of events which includes: Public Art Event, Ladies Night Out, Art on the Grand, Lunch Beats, Rhythms in Riley Park including beer gardens, Harvest Moon, New Fall Programming, and Small Business Saturday.

WHEREAS, the DDA requests approval for the entire year to assist their efforts with planning, cross promoting, and sponsorship opportunities; and

WHEREAS, the proposed calendar of events will require authorization from the City Council to close roads for certain events and to authorize the DDA to apply for temporary liquor licenses.

NOW, THEREFORE BE IT RESOLVED that the Farmington City Council hereby approves the DDA's 2020 Calendar of Community Events with the following conditions:

1. Public Art Event
 - a. *Temporary Liquor License*: Authorization for the DDA to apply for a temporary liquor license February 22th, 2020.
2. Ladies Night Out
 - a. Days: Thursday April 23rd, Thursday November 12th
3. Art On the Grand
 - a. Days: Saturday, June 6, 10am-7pm, and Sunday, June 7, 11am-5pm
Location: Closure of Grand River (from Farmington Rd. to Grove St.) and Market Place from Grand River to alley to the south of 33171 Grand River Avenue (Tubby's)
 - b. *Other*: Hold the State of Michigan Department of Transportation harmless for liability, which may result in the closing of Grand River and authorize City departments to provide the service required for the Art on the Grand.
4. Lunch Beats
 - a. Days: *Wednesdays*, June 3-August 26, 12:00pm-1:00pm
 - b. Location: Pavilion Area and Riley Park
5. Rhythms in Riley Park
 - a. Days: Fridays, June 5 – August 28, hours 7-9pm
 - b. Location: Pavilion area and Riley Park
 - c. *Temporary Liquor License*: Authorization for the DDA to apply for a temporary liquor license for pop up beer garden to be held on June 12th, July 10th, and August 14th 2020.
6. Harvest Moon Celebration
 - a. Days: Thursday, September 17, Friday, September 18, and Saturday, September 19 2020. Hours Each Night: 6pm-11pm.

- b. *Location*: Pavilion/Riley Park area and the adjacent parking lot
 - c. *Temporary Liquor License*: Authorization for the DDA to apply for a temporary liquor license September 17, 18, 19
- 7. Fall Programming
 - a. Friday Nights in September & October
 - b. Location: Riley Park
- 8. Small Business Saturday
 - a. Day: Saturday November 28th
- 9. Sidewalk Shopping
 - a. The Farmington DDA requests to implement downtown-wide Sidewalk Shopping on *any* event day during 2020.

**Farmington City Council
Staff Report**

**Council Meeting
Date:**
January 6, 2020

**Item
Number
5**

Submitted by: Charles Eudy, Superintendent

Agenda Topic: Financial impacts of increased sanitary sewer flow volumes to Great Lakes Water Authority (GLWA)

Proposed Motion: For discussion only

Background:

Early in November 2019 the City administration was informed by Great Lakes Water Authority (GLWA) and one of their engineering firms (CDM Smith) has noticed an increase in the sanitary sewage flow volume's in beginning in Fiscal Year 2018 and continuing into Fiscal Year 2019.

- Dry weather I/I increase from 0.474 mgd to 0.678 mgd (204,000 gallons a day increase).
- GLWA records and invoices the sewage volume's in 1000's cubic feet
- Flow increase has been confirmed at the 9 Mile Retention meter and FA-01 Sewer Meter.
- 9 Mile retention and FA-01 meters are correlated.
- Historic low water purchase volume from GLWA, following the national trend.
- FY 18 & FY 19 rain totals up 14.3% annually.
- 10% increase of DTE kwh power consumption at 9 Mile Retention.
- GLWA, CDM Smith & OCWRC flow tested FA-01 meter 12/30/2019 (data to be provided after it has been reviewed by GLWA, CDM Smith and OHM)
- OCWRC confirmed the EFSDS (west of Drake Road) flow volumes were the highest in a number of years
- Engineers and Administration visually investigated all sanitary sewer river crossings. From the visual inspection, it was determined it was no necessary to install flow meters.
- Consulted former Director and Assistant Director about flow increase. They are convinced the flow increase is likely from footing drains due to the increased rain events.

The flow increase could/will result in a share increase of 9,708,416 cu/ft annually, or about 1/3 of a wet month sewage flow volume (+/- \$33,000). The financial impacts could be known in late March when GLWA updates the cost allocations for the upcoming Fiscal Year. The flow increase impacts will be added to the annual cost increase.

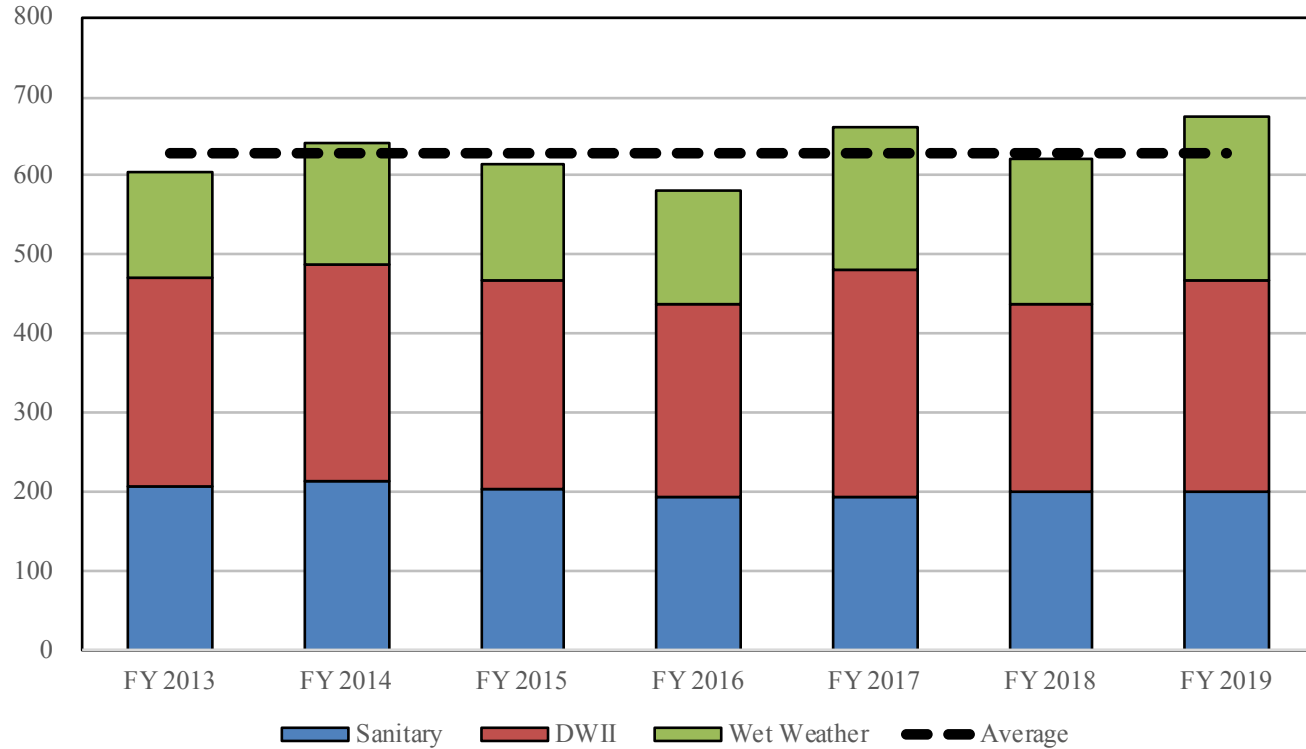
The City of Farmington was developed at a greater housing density than other nearby communities. The increased density of housing along with the increased rain events affects the footing drain sewage flows. Other communities have tried to "dry" out their systems by CIPP lining, but the best way to dry out systems is both CIPP lining and footing drain disconnect projects.

Materials:

Flow Balance SHARE"S Chart
Meters no. 4 Farmington

GLWA Wastewater Charge Methodology / SHAREs Development
Flow Volume Data: FY 2013 - FY 2019 (mgd)
Total Reported @ WRRF

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	206.545	212.808	204.478	193.576	194.471	200.137	199.989	201.715
2	DWII	265.309	276.681	264.273	244.619	285.095	237.837	268.746	263.223
3	Wet Weather	133.931	150.991	144.680	143.744	181.868	184.929	205.697	163.691
4	Total	605.785	640.480	613.431	581.939	661.435	622.904	674.432	628.629

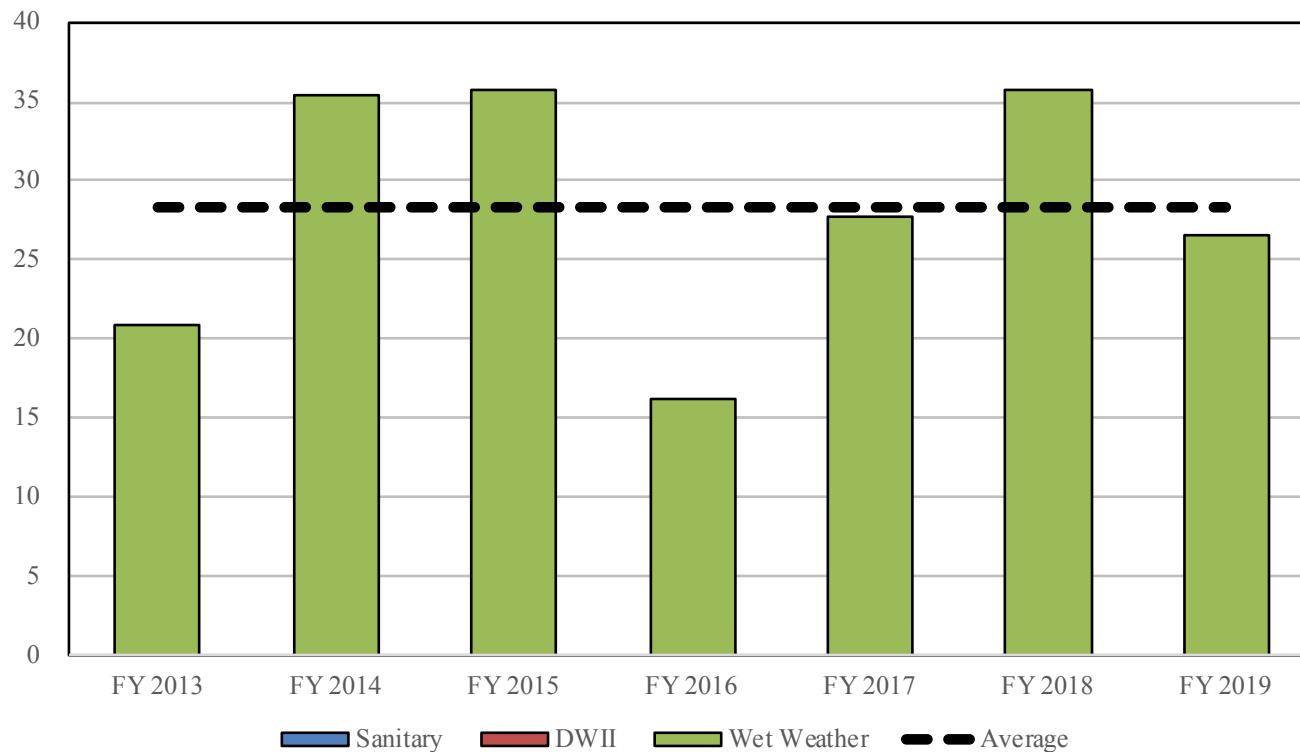


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Total Reported Overflow

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	DWII	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	Wet Weather	20.897	35.454	35.702	16.215	27.668	35.778	26.578	28.328
4	Total	20.897	35.454	35.702	16.215	27.668	35.778	26.578	28.328

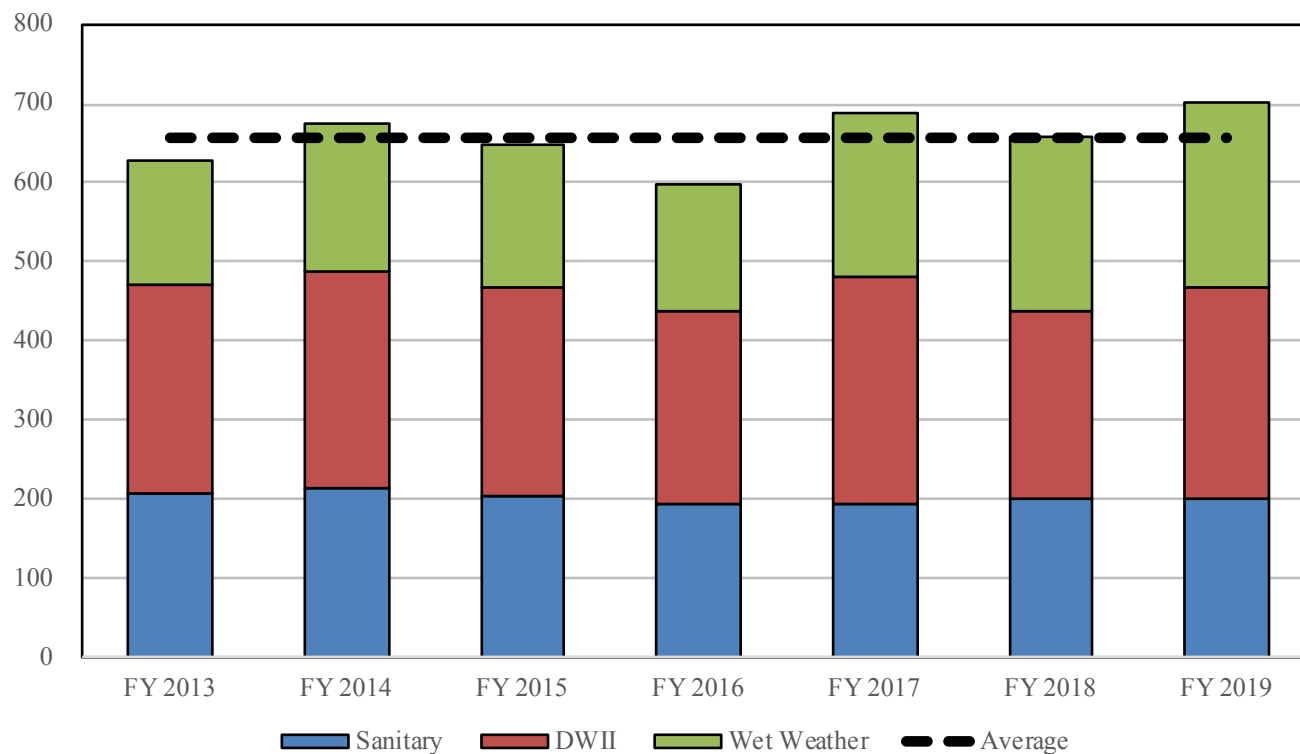


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Total Influent to System

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	206.545	212.808	204.478	193.576	194.471	200.137	199.989	201.715
2	DWII	265.309	276.681	264.273	244.619	285.095	237.837	268.746	263.223
3	Wet Weather	154.828	186.445	180.382	159.959	209.537	220.707	232.275	192.019
4	Total	626.682	675.934	649.133	598.154	689.103	658.682	701.010	656.957

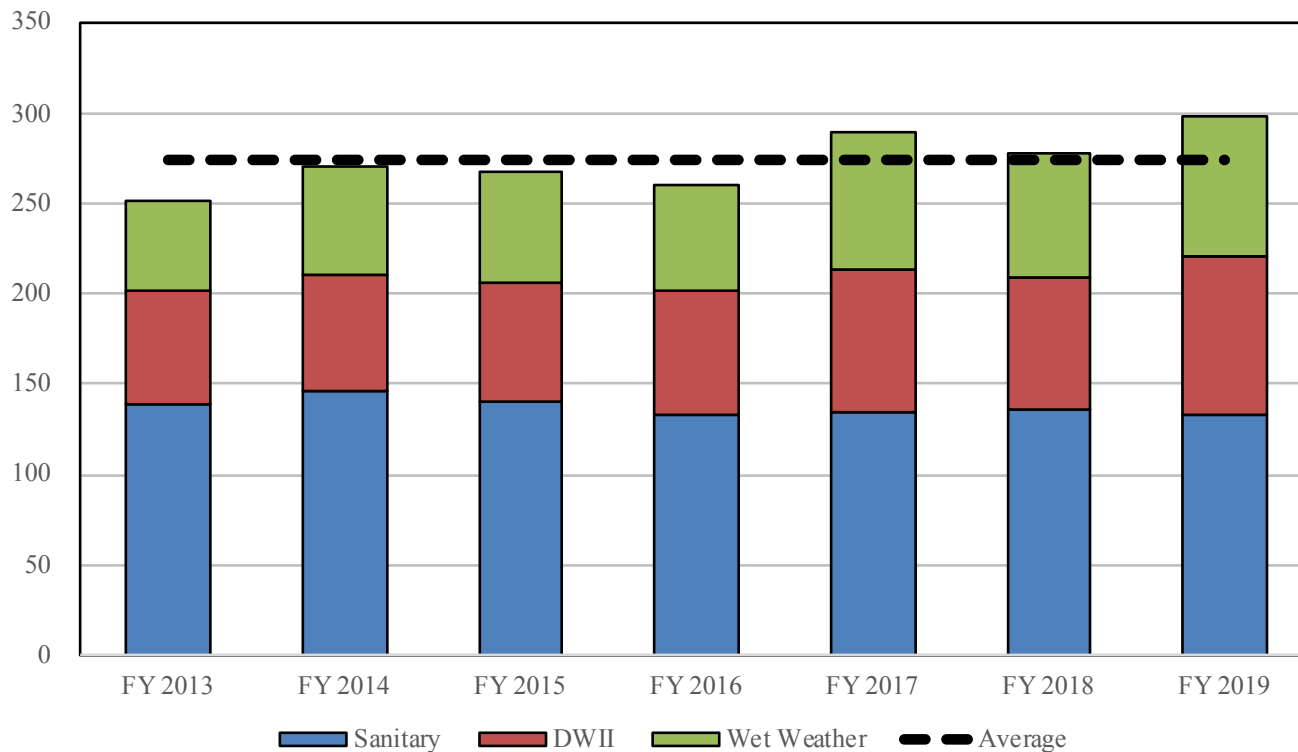


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Subtotal Master Metered

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	139.268	145.759	140.913	133.493	134.140	135.992	133.766	137.619
2	DWII	62.103	64.408	64.516	67.596	79.550	73.408	87.672	71.322
3	Wet Weather	50.390	60.847	62.750	59.549	76.127	69.076	77.221	65.137
4	Total	251.761	271.014	268.179	260.638	289.817	278.477	298.660	274.078



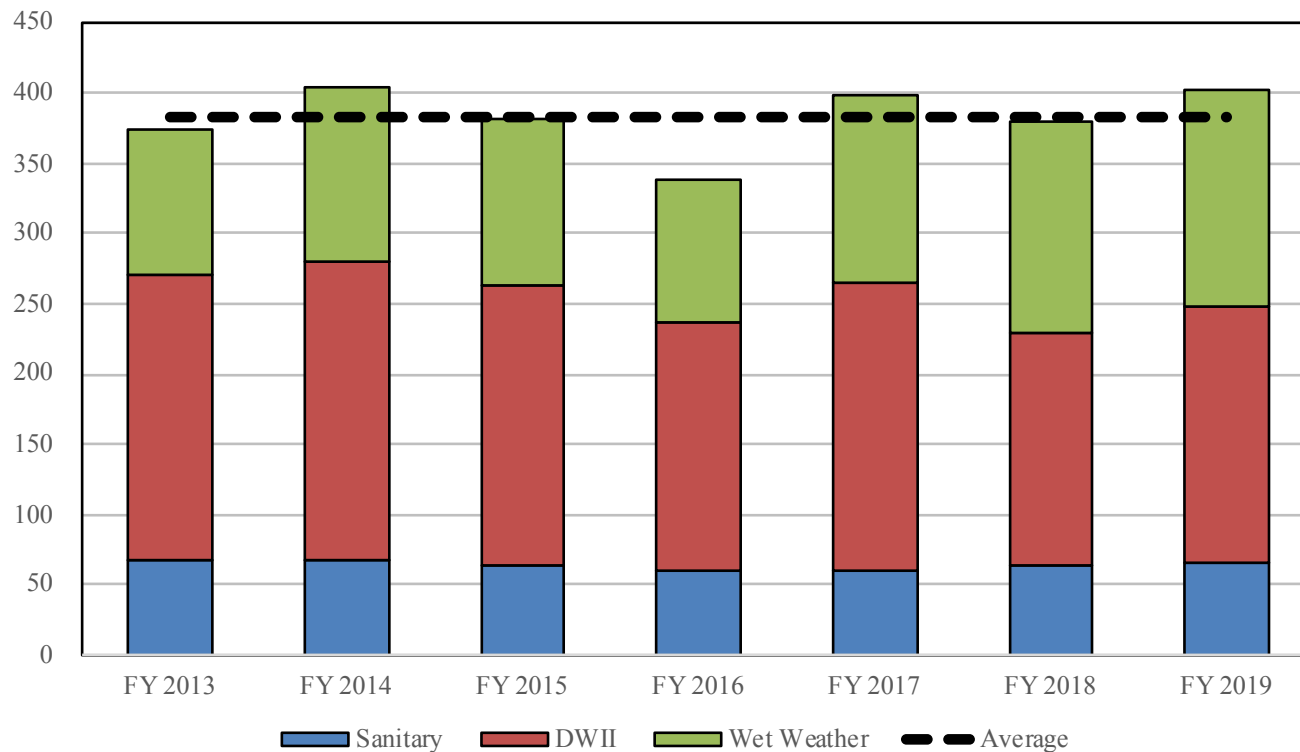
THE FOSTER GROUP

GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Balance from Non M

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	67.277	67.049	63.565	60.083	60.331	64.145	66.223	64.096
2	DWII	203.206	212.273	199.757	177.023	205.545	164.429	181.073	191.901
3	Wet Weather	104.438	125.598	117.632	100.410	133.410	151.631	155.054	126.882
4	Total	<u>374.921</u>	<u>404.920</u>	<u>380.954</u>	<u>337.516</u>	<u>399.286</u>	<u>380.205</u>	<u>402.350</u>	<u>382.879</u>

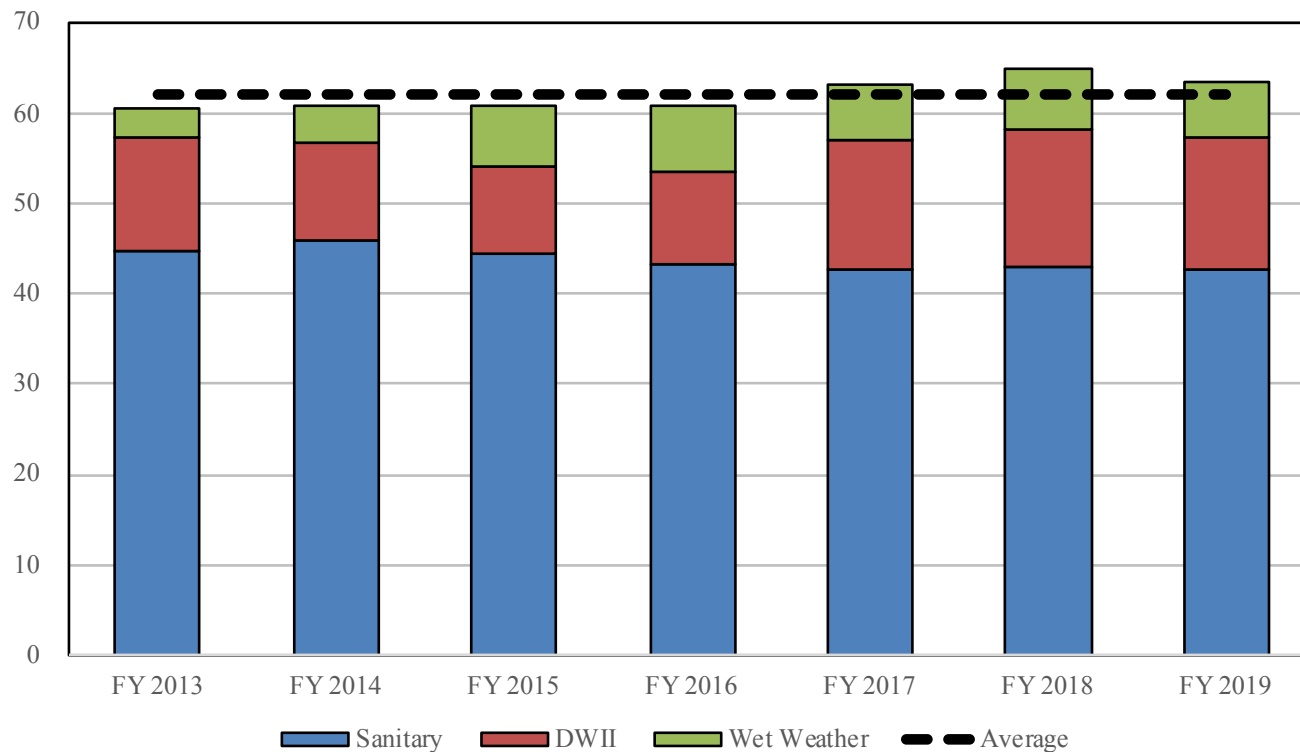


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

OMID

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	44.880	45.988	44.586	43.359	42.658	42.959	42.627	43.865
2	DWII	12.443	10.764	9.556	10.264	14.486	15.183	14.604	12.471
3	Wet Weather	3.196	4.077	6.640	7.276	5.909	6.768	6.249	5.731
4	Total	<u>60.519</u>	<u>60.829</u>	<u>60.782</u>	<u>60.899</u>	<u>63.053</u>	<u>64.910</u>	<u>63.480</u>	<u>62.067</u>

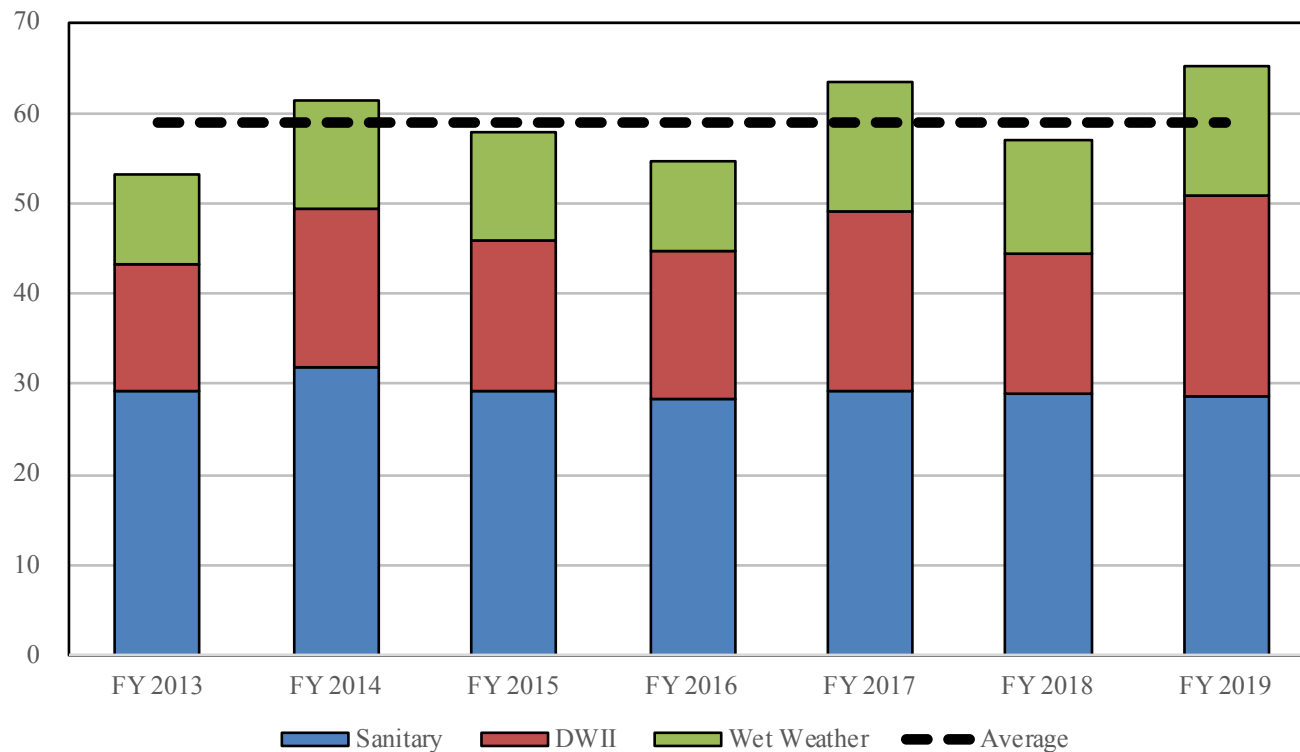


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Rouge Valley

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	29.265	31.883	29.317	28.341	29.207	29.043	28.535	29.370
2	DWII	14.090	17.664	16.487	16.255	20.020	15.512	22.319	17.478
3	Wet Weather	9.843	11.776	11.970	10.199	14.220	12.384	14.369	12.109
4	Total	<u>53.198</u>	<u>61.323</u>	<u>57.774</u>	<u>54.795</u>	<u>63.447</u>	<u>56.939</u>	<u>65.223</u>	<u>58.957</u>

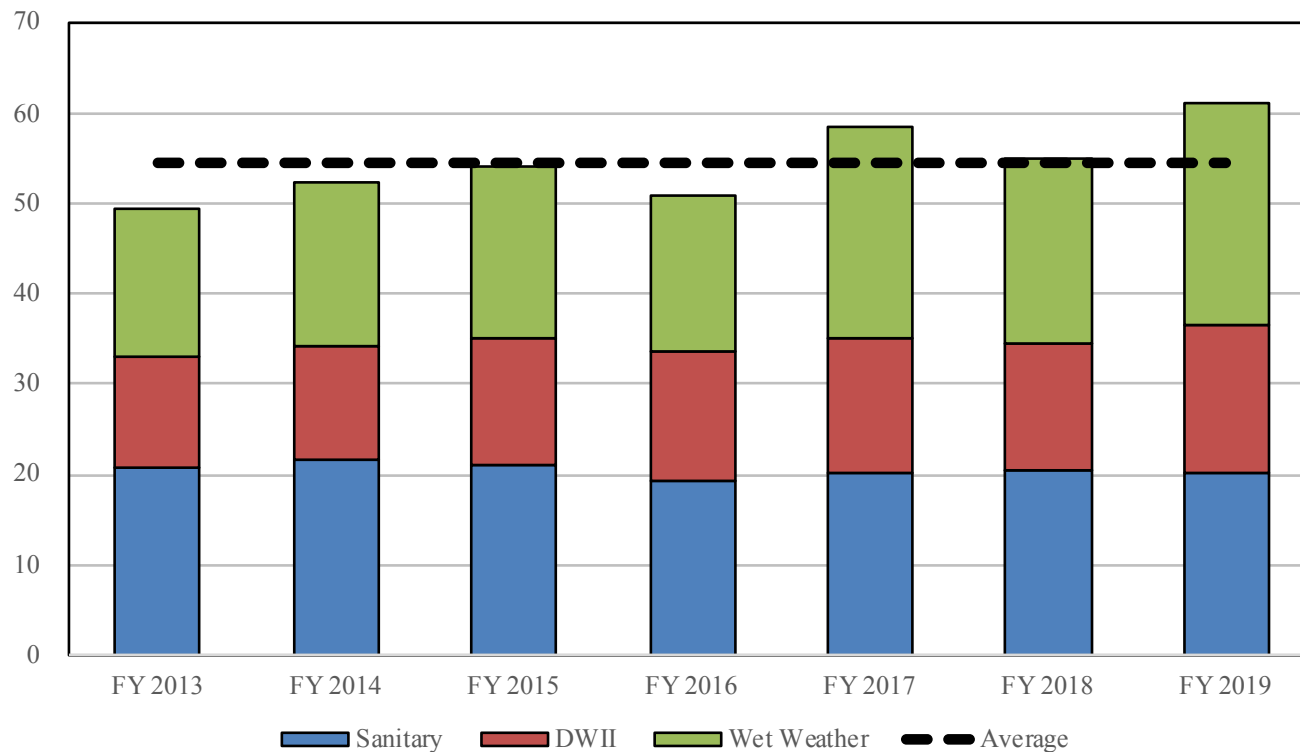


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Oakland GWK

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	20.830	21.520	21.170	19.370	20.093	20.525	20.317	20.546
2	DWII	12.216	12.567	13.985	14.170	14.922	14.120	16.308	14.041
3	Wet Weather	16.391	18.230	18.973	17.423	23.590	20.240	24.470	19.902
4	Total	<u>49.437</u>	<u>52.317</u>	<u>54.128</u>	<u>50.963</u>	<u>58.605</u>	<u>54.885</u>	<u>61.096</u>	<u>54.490</u>

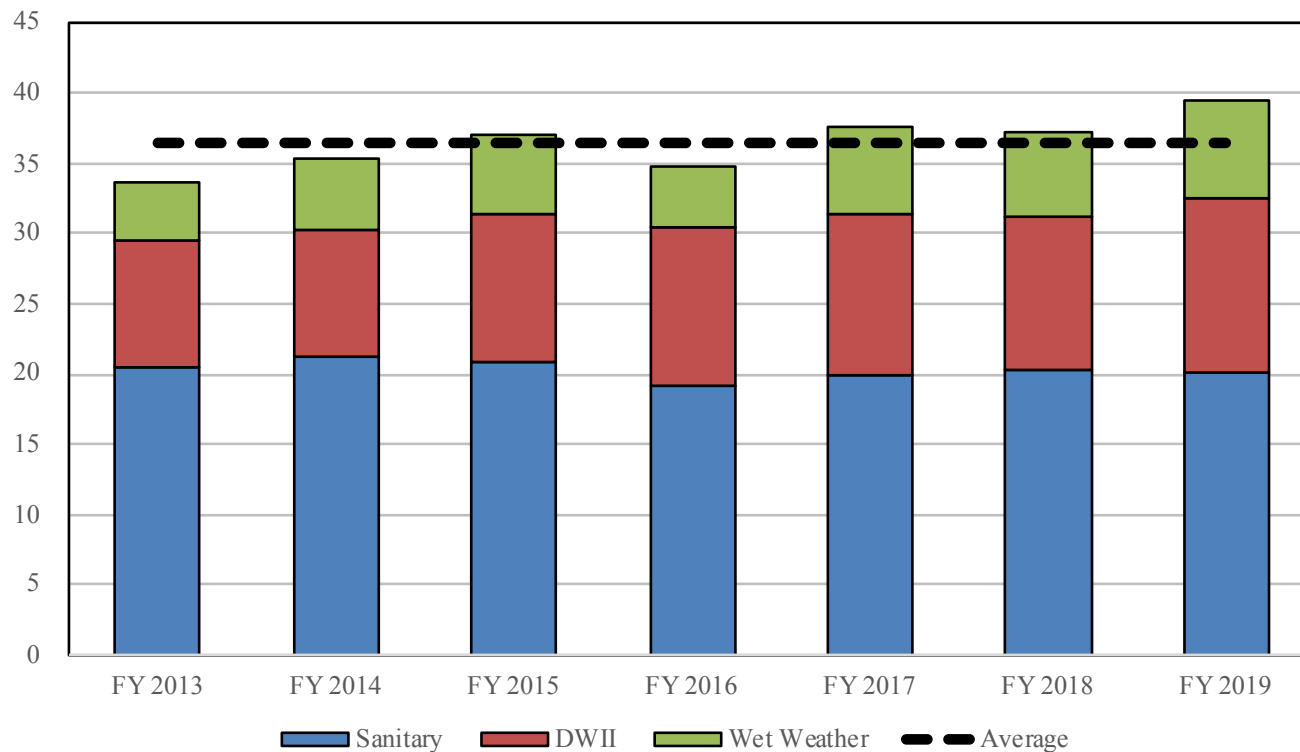


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Evergreen Farmington

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	20.530	21.220	20.890	19.130	19.851	20.296	20.103	20.288
2	DWII	9.049	8.976	10.479	11.300	11.507	10.894	12.493	10.671
3	Wet Weather	4.040	5.130	5.685	4.361	6.316	6.040	6.860	5.490
4	Total	<u>33.619</u>	<u>35.326</u>	<u>37.054</u>	<u>34.791</u>	<u>37.673</u>	<u>37.230</u>	<u>39.456</u>	<u>36.450</u>

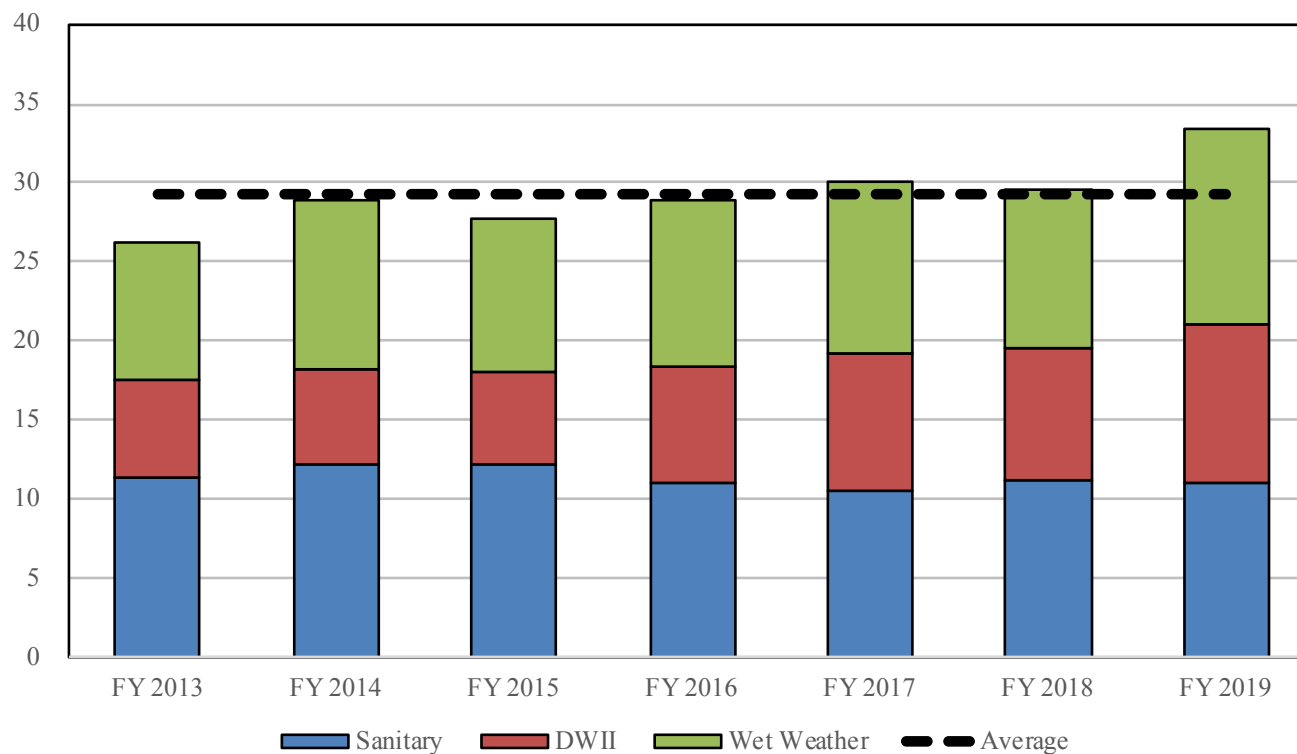


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

SE Macomb San Dist

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	11.350	12.230	12.180	11.100	10.519	11.149	10.956	11.355
2	DWII	6.279	5.907	5.933	7.355	8.724	8.356	10.070	7.518
3	Wet Weather	8.602	10.772	9.559	10.422	10.901	10.137	12.473	10.410
4	Total	<u>26.231</u>	<u>28.909</u>	<u>27.672</u>	<u>28.877</u>	<u>30.144</u>	<u>29.642</u>	<u>33.499</u>	<u>29.282</u>

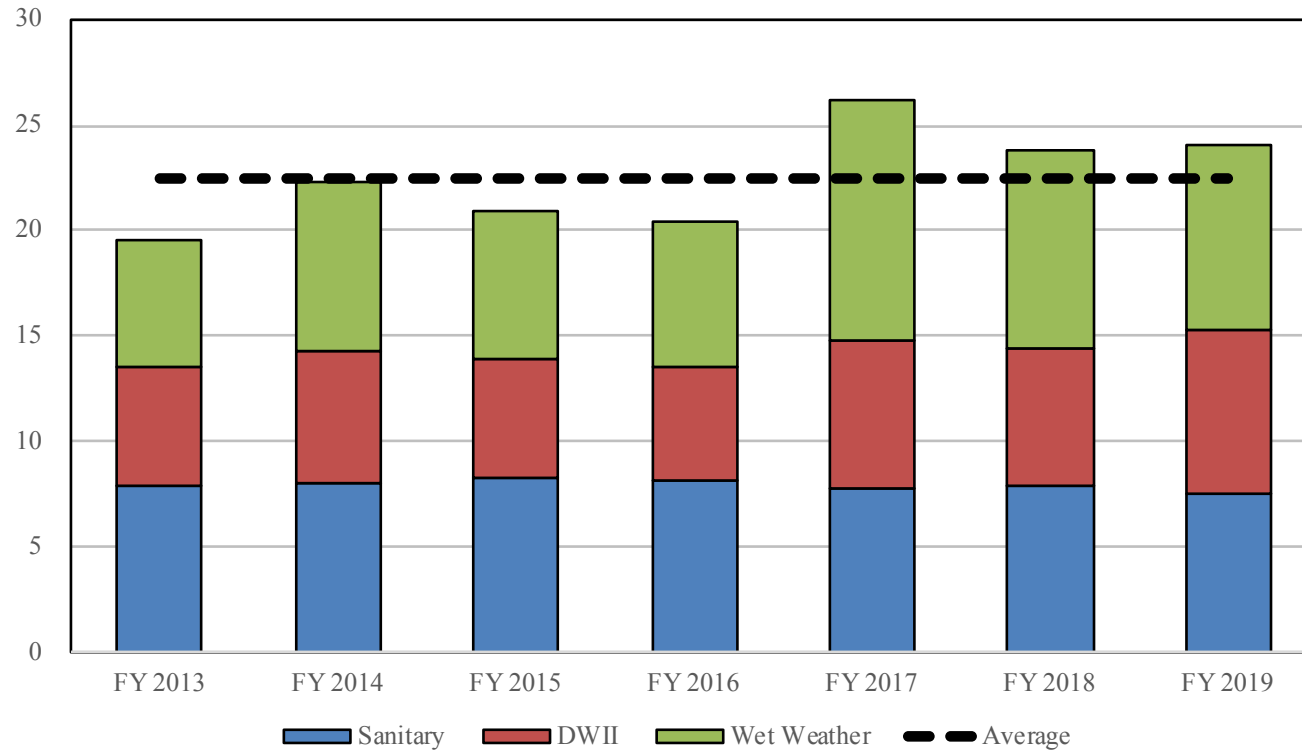


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Dearborn

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	7.904	8.001	8.312	8.124	7.795	7.937	7.579	7.950
2	DWII	5.581	6.242	5.636	5.416	6.972	6.533	7.744	6.303
3	Wet Weather	6.047	8.107	6.934	6.916	11.480	9.319	8.706	8.216
4	Total	<u>19.532</u>	<u>22.350</u>	<u>20.882</u>	<u>20.456</u>	<u>26.248</u>	<u>23.789</u>	<u>24.030</u>	<u>22.469</u>

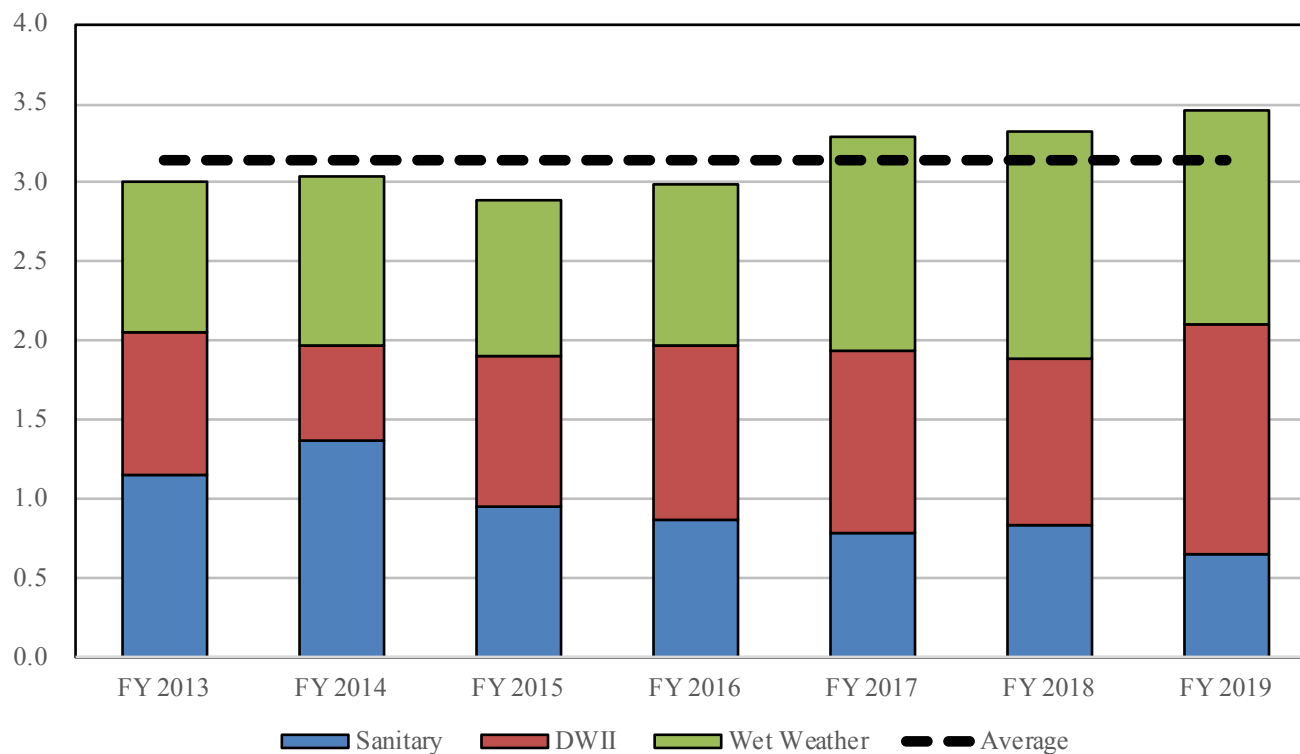


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Grosse Pointe Farms

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	1.160	1.370	0.950	0.870	0.783	0.839	0.657	0.947
2	DWII	0.887	0.598	0.947	1.102	1.156	1.053	1.444	1.027
3	Wet Weather	0.965	1.080	0.994	1.011	1.357	1.428	1.351	1.170
4	Total	<u>3.012</u>	<u>3.048</u>	<u>2.891</u>	<u>2.983</u>	<u>3.296</u>	<u>3.320</u>	<u>3.452</u>	<u>3.143</u>

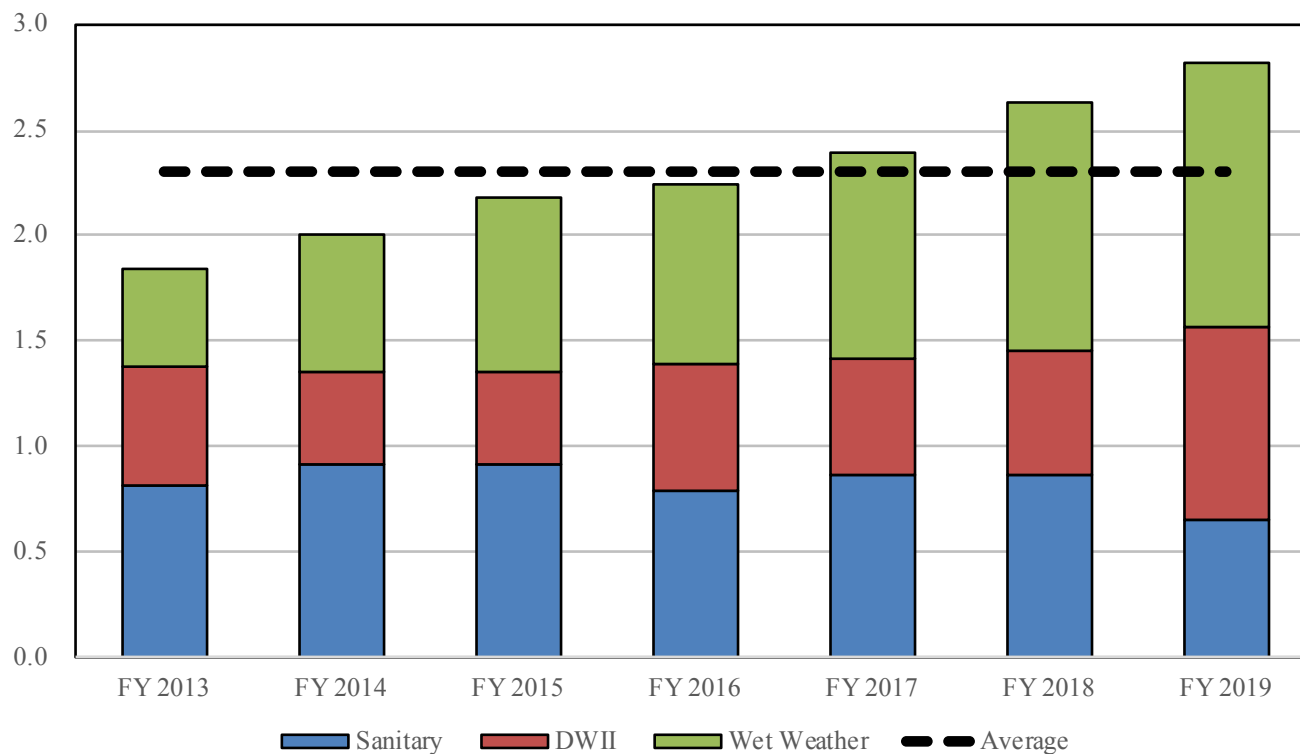


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Grosse Pointe Park

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	0.810	0.910	0.910	0.790	0.863	0.868	0.651	0.829
2	DWII	0.570	0.443	0.448	0.607	0.550	0.582	0.913	0.588
3	Wet Weather	0.468	0.657	0.827	0.840	0.982	1.176	1.258	0.887
4	Total	1.848	2.010	2.185	2.237	2.395	2.625	2.822	2.303

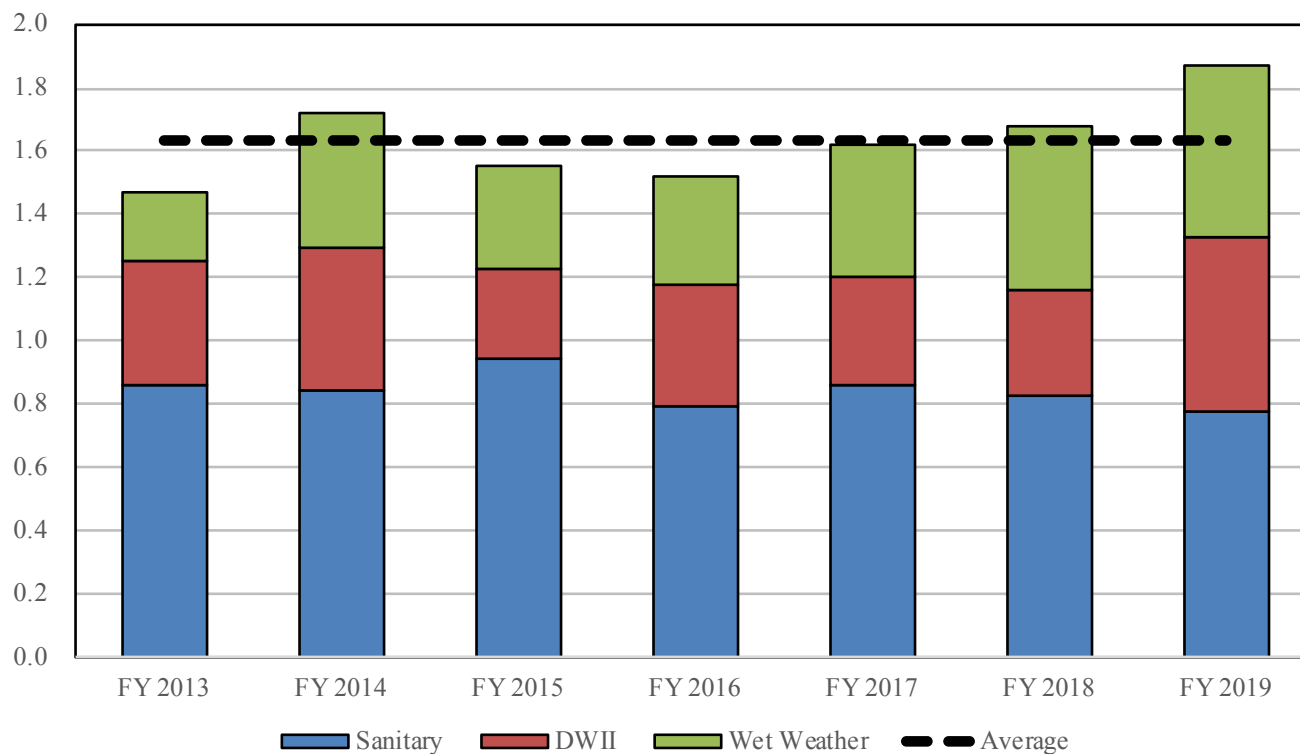


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Melvindale

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	0.860	0.840	0.940	0.790	0.857	0.828	0.779	0.842
2	DWII	0.394	0.455	0.284	0.392	0.348	0.332	0.553	0.394
3	Wet Weather	0.220	0.422	0.329	0.339	0.416	0.523	0.537	0.398
4	Total	1.474	1.717	1.553	1.521	1.622	1.682	1.869	1.634

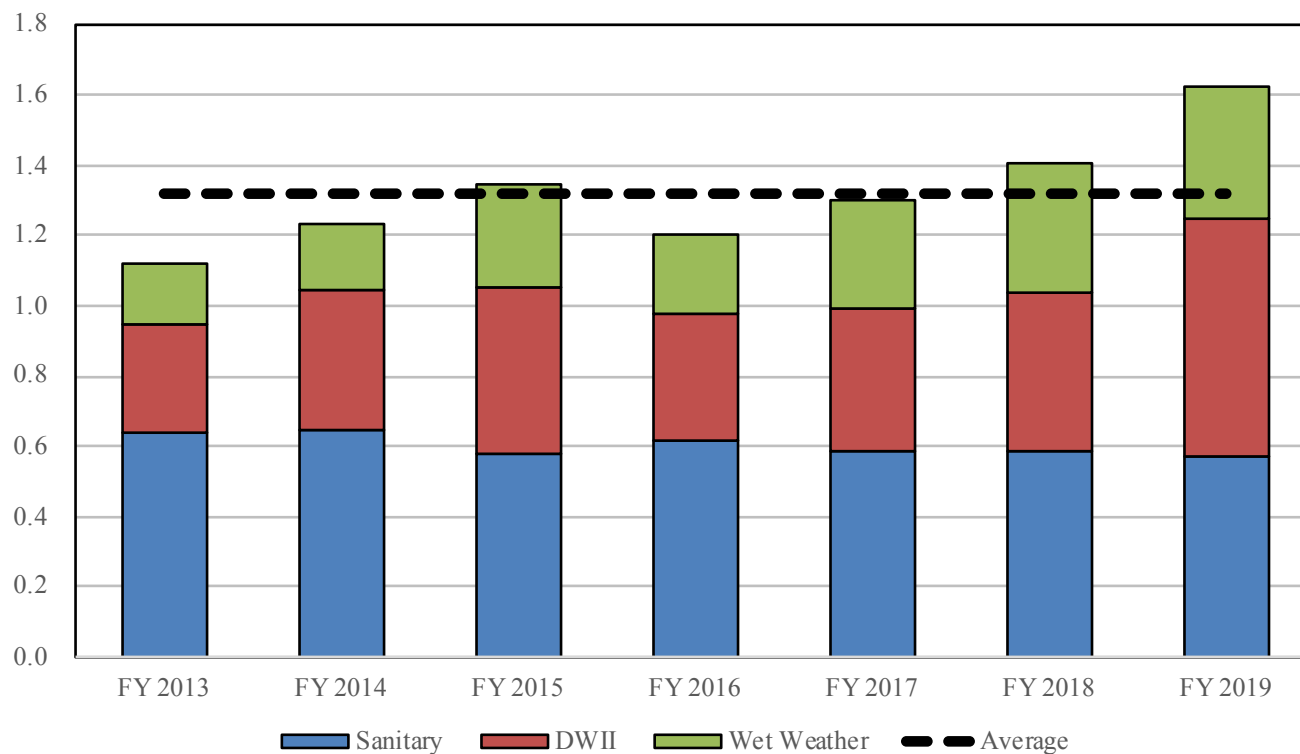


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Farmington

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	0.640	0.650	0.580	0.620	0.587	0.587	0.572	0.605
2	DWII	0.308	0.395	0.474	0.358	0.403	0.448	0.678	0.438
3	Wet Weather	0.174	0.188	0.289	0.223	0.314	0.373	0.373	0.276
4	Total	1.122	1.233	1.343	1.201	1.304	1.407	1.623	1.319

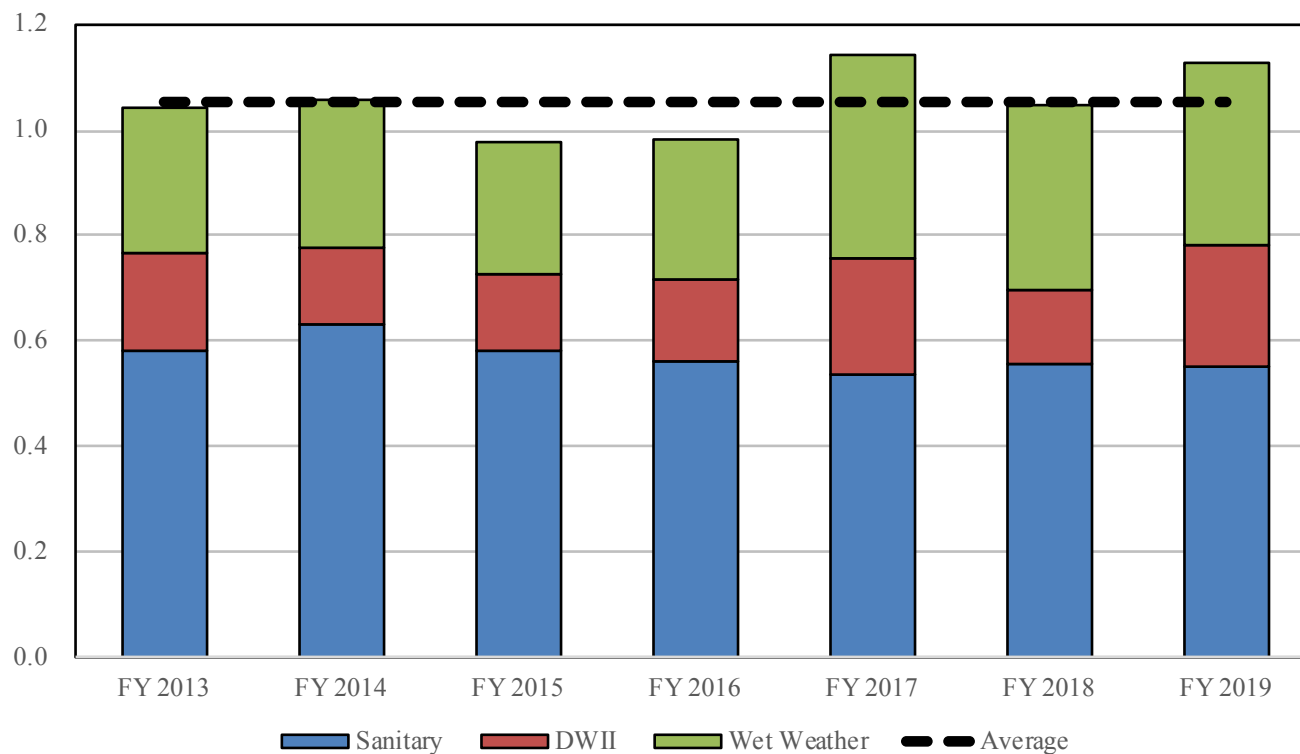


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Center Line

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	0.580	0.630	0.580	0.560	0.539	0.556	0.553	0.571
2	DWII	0.185	0.146	0.148	0.159	0.217	0.143	0.227	0.175
3	Wet Weather	0.277	0.281	0.248	0.264	0.385	0.348	0.347	0.307
4	Total	1.042	1.057	0.976	0.983	1.141	1.047	1.128	1.053

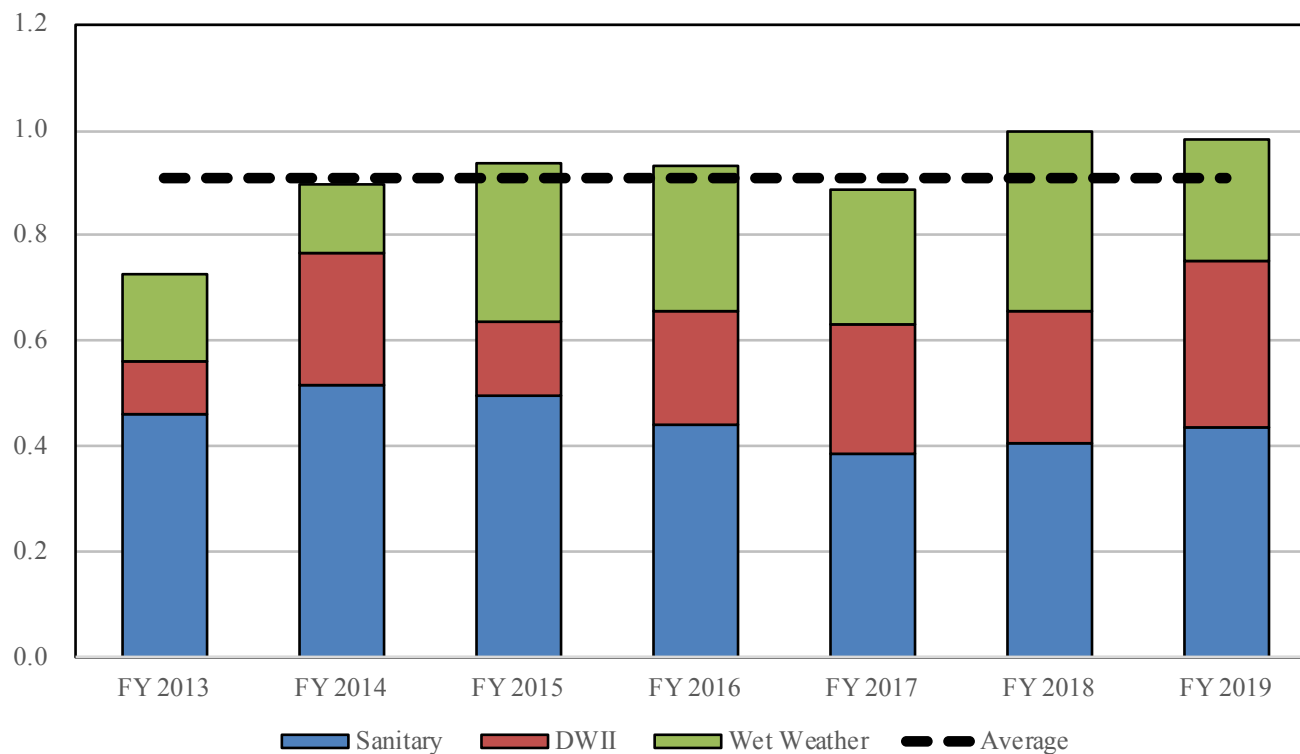


GLWA Wastewater Charge Methodology / SHAREs Development

Flow Volume Data: FY 2013 - FY 2019 (mgd)

Allen Park

		Contributed Volume - mgd							
		<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Average</u>
1	Sanitary	0.459	0.517	0.498	0.439	0.388	0.406	0.436	0.449
2	DWII	0.101	0.251	0.139	0.218	0.245	0.252	0.318	0.218
3	Wet Weather	0.167	0.127	0.302	0.275	0.256	0.341	0.228	0.242
4	Total	<u>0.727</u>	<u>0.895</u>	<u>0.939</u>	<u>0.932</u>	<u>0.888</u>	<u>1.000</u>	<u>0.982</u>	<u>0.909</u>



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Additional Outliers Review

Wastewater Analytics Task Force

December 6, 2019



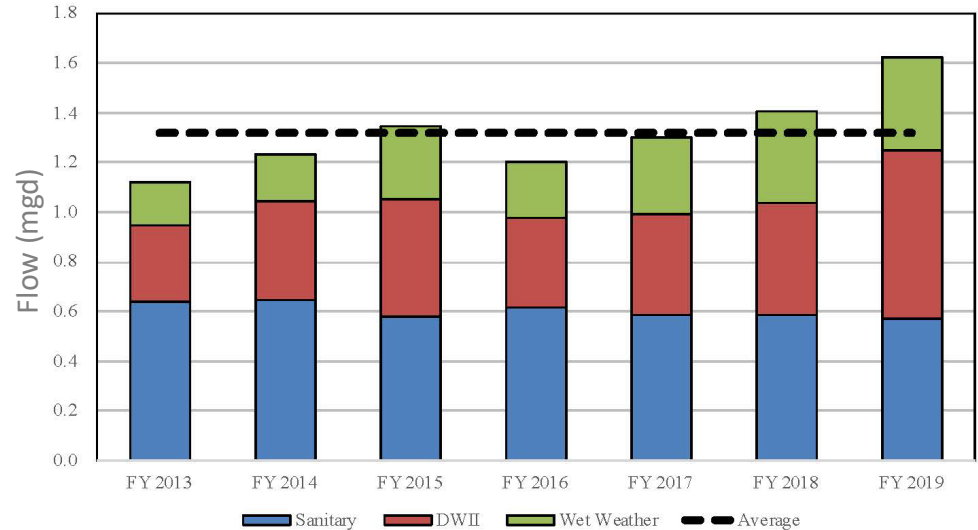
**CDM
Smith**



City of Farmington Flows

Farmington Annual Average Flows for Past 7 Years

- Total of Sanitary, DWII, and Wet Weather flows provided on annual basis for last 7 years
- Increase in flows high for FY2019 compared to long-term average
- Increase related to DWII

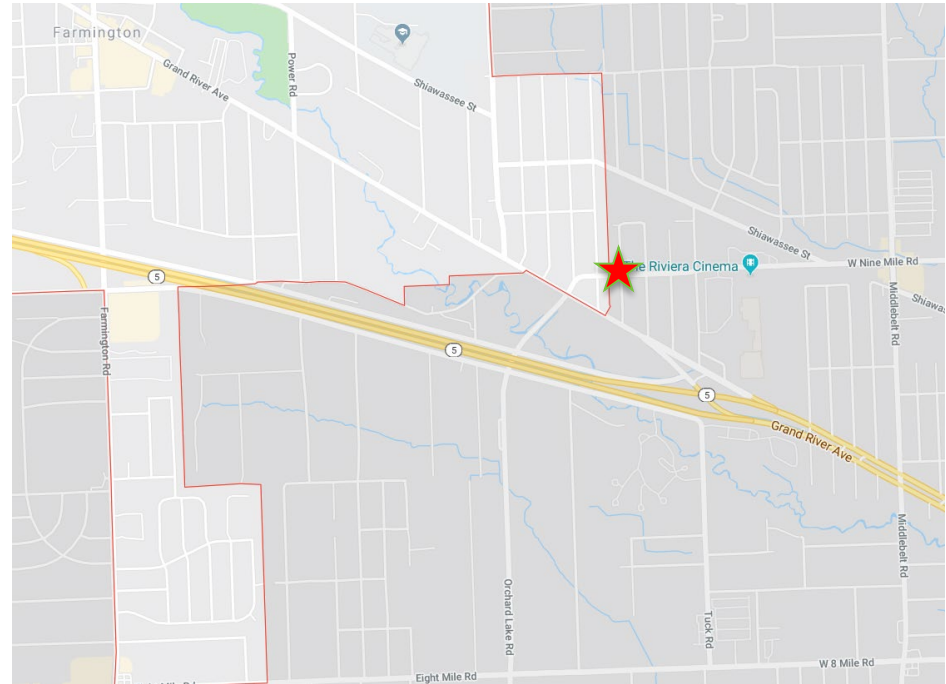


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Are the Increases Real or a Meter Issue?

Investigation – Flows Compared to Upstream Meter

- Farmington DPW maintains and operates a large detention/pumping station approximately 3.5 miles upstream of FA-S-1
- Flows discharged to GLWA are monitored (magmeter)
- Flows were requested for FY2019 for comparison



Farmington Flows Metered by Parshall Flume

- Meter FA-S-1 is a 9-inch flume located at 8-Mile and Rouge River and Roue River



Farmington Flows Metered by Parshall Flume

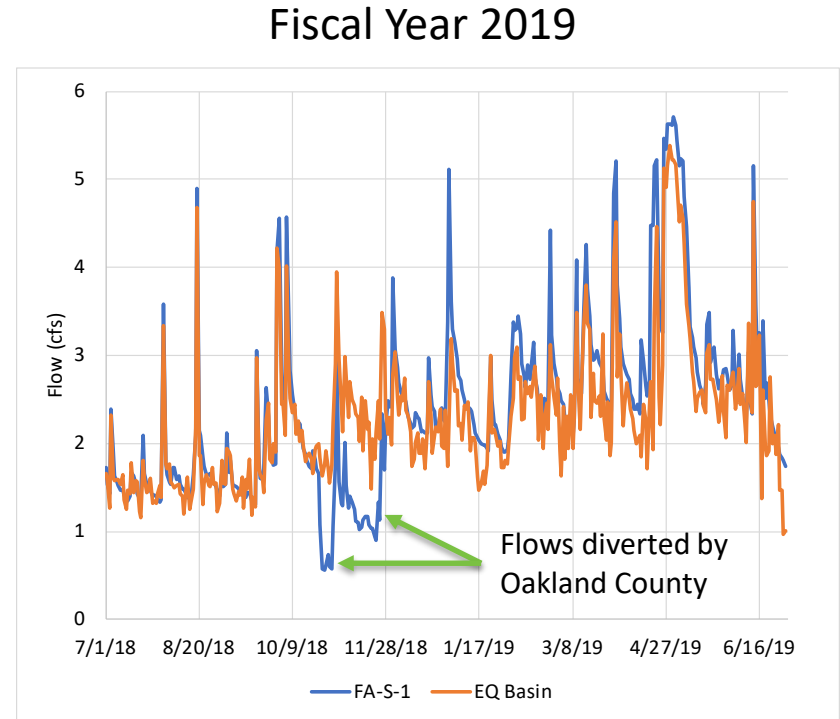
- Meter FA-S-1 is a 9-inch flume located at 8-Mile and Rouge River



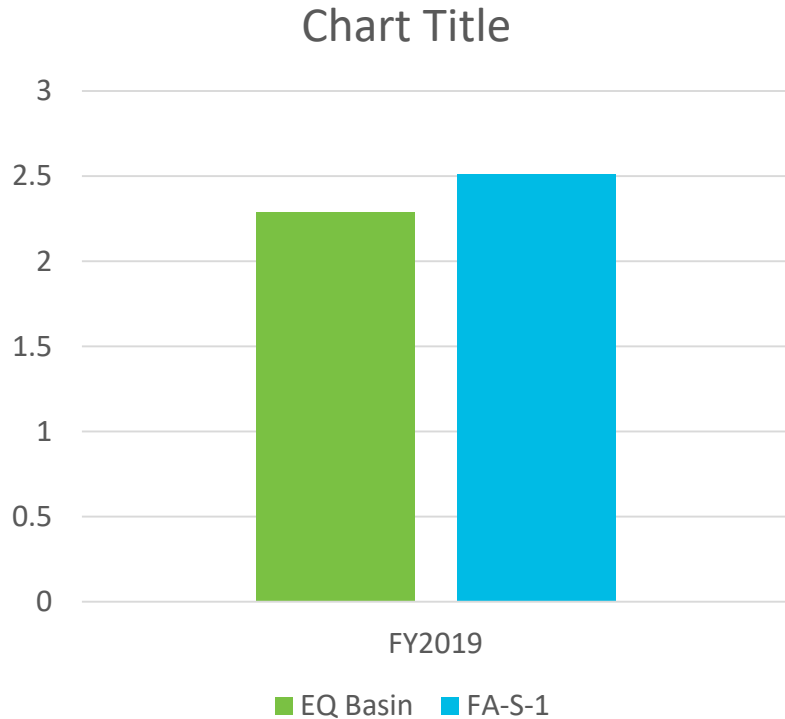
- Low volume meter so not dye tested every year
- Meter last tested 4/16/19
 - Results mostly confirm existing calibrated flume
 - However, slight deviations at beginning and end of test not well understood

Flows Confirmed Using Upstream Meter Flows

- Meter FA-S-1 flows compared to flows at upstream facility obtained from City of Farmington
- Flows diverted by OC for maintenance from 10/25 to 11/28
- Flows replaced using upstream flows



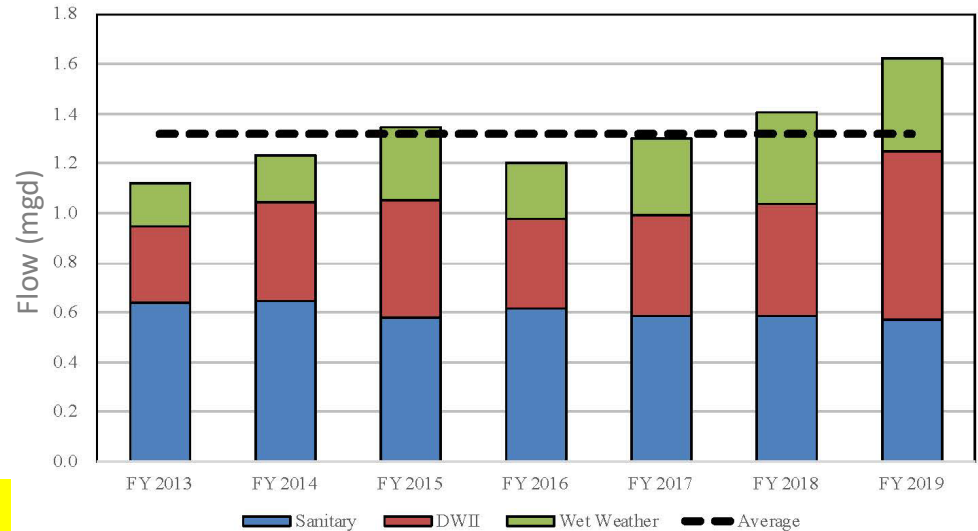
Results



- Average flow
 - FA-S-1 = 2.51 cfs (after correction)
 - EQ Basin = 2.29 cfs
- Variance considered reasonable for given meters locations and conditions

Findings

- Increase in flows for FY2019 confirmed using flows from Farmington's EQ Basin
- Increase primarily in DWII component of flow
 - DWII increased from 0.69 to 1.05 cfs, a 51% increase
 - If used their meter, increase would be from 0.69 to 0.83 cfs or a 20% increase
- Does conform with increases seen for other customers [though on high side!]
- City has been [will be] notified as increase in DWII may point to an issue in their system



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Dye Tests

- Low volume meter so not dye tested every year
- Dates of last 2 tests are:
 - 8/28/15
 - 4/16/19
- Results of last test confirms existing calibrated flume
 - Recommended to be accepted
 - Will slightly reduce flows for FY2019 (by ~0.1 cfs, TBD)



July 2013 - June 2014
Monthly Precipitation Totals
(in inches)

July	2.27
August	2.34
September	3.03
October	2.80
November	1.71 partial
December	1.68 partial
January	1.38 partial
February	1.40 partial
March	0.69 partial
April	2.49 partial
May	4.55
June	5.36
Total	29.70

Farmington City Council Staff Report	Council Meeting Date: Jan. 6, 2020	Item Number 6
Submitted by: City Manager David Murphy		
<u>Agenda Topic:</u> Consideration to accept the resignation of Council Member Bill Galvin		
<u>Proposed Motion:</u> Accept the resignation of Council Member Bill Galvin.		
<u>Background:</u> Council Member Bill Galvin announced his resignation from Farmington City Council at the Dec. 16 Regular Council Meeting. Galvin was re-elected in Nov. 2017 to a 4-year term to end Nov. 2021		
<u>Materials:</u> None		

**Farmington City Council
Staff Report**

**Council Meeting
Date:** January 6, 2020

**Item
Number
7**

Submitted by: City Manager

Agenda Topic: Process to fill Council vacancy.

Proposed Motion: Approve a process to fill a council vacancy.

Background: Council Member Galvin submitted his letter of resignation on December 16, 2019. According to the City Charter, Section 5.3, City Council shall act upon the resignation at their next regular meeting.

I suggest the Clerk's office put notice in the Farmington Observer for the January 12, 2020 publication and in the Farmington Press on January 15, 2020. We can post the opening on social media beginning Tuesday January 7, 2020 with the application and questionnaire available at the Clerk's office and on line, due by 4:30 pm on January 17, 2020. Council can decide on the process to interview and appoint someone to fill the vacancy, but I have included the process used in 2013 and 2011 as well as a proposed time line for this appointment.

Materials: Past practices for Council resignations, vacancy notices from 2013 and 2011, questions for potential candidates, application for City Council, City Council vacancy letter of instruction from 2011.

- PROPOSED -



2020 COUNCIL VACANCY APPOINTMENT

TIMELINE

Tuesday, Jan 7	Applications and questionnaires available in Clerk's office
Tuesday, Jan 7	Publish notice on website and in social media
Sunday, Jan 12	Publish notice in Observer & Eccentric
Wednesday, Jan 15	Publish notice in Farmington Press
Friday, Jan 17	Applications Due
Tuesday, Jan 21	Applications delivered to Council Discuss interview process, screen applications, set interview date(s)
Monday, Feb 3	Appointment (?)

PAST PRACTICES – COUNCIL RESIGNATIONS

Minutes associated with meetings cited can be found in archives at <https://farmgov.com/City-Services/Government/Agendas-and-Minutes/City-Council/2019.aspx>

2013:

5/20 – Kuiken resigned, resignation accepted at same meeting
5/21 – Applications available in Clerk’s Office (see 2013 Candidate Package for example)
5/23 – Publish notice in newspaper and on website
6/11 – Applications Due
6/13 – Applications delivered to Council
6/17 – Discuss interview process, screen applications, set interview date(s) (Start Interviews?)
6/21 (8:00 am Friday Special Meeting) – Interviews
6/24 (6:00 pm Monday Special Meeting) – Schneemann appointed

2011:

7/18 – Wiggins resigned
8/15 – Resignation accepted
(No record of application timeline)
9/6 – Last meeting for Wiggins
9/19 – Review applications at open meeting
9/26 (6:30 pm Monday Special Meeting) – Interviews
9/27 (6:30 pm Tuesday Special Meeting) – Interviews, Galvin appointed

2007:

12/18/2006 – Sutherland resigned
12/21/2006 (9:00 am Thursday Special Meeting) – Discussed process
1/3 – Resignation accepted
1/11 – Applications due
1/16 (Regular Meeting) – Review of applications
2/5 (Special Meeting) – Interviewee selection, establish interview date
2/19 (4:00 pm Special Meeting) - Interviews
2/21 (6:30 pm Special Meeting) – Interviews
2/26 (5:30 Special Meeting) – Consideration of applicants, Wright appointed

Farmington City Council Vacancy

The Farmington City Council will be accepting applications until 4:00 p.m., Tuesday, June 11, 2013 to fill a vacancy on the City Council. The vacant Council seat will be to complete a term of office through November 2015. To be eligible you must be a resident of the City for at least one year, 18 years of age or older, and not delinquent with regard to City property taxes or other bills. Applications and supplemental questionnaire are available in the City Clerk's Office, 23600 Liberty Street, Farmington, Michigan.



APPLICATION FOR CITY COUNCIL

Thank you for your interest in serving the City of Farmington as a member of City Council

Date: _____

Name: _____

Home Address: _____
Number & Street City Zip

Home Telephone: _____ Voting Precinct: _____

Email: _____

Employer: _____

Business Address: _____
Number & Street City Zip

Business Telephone: _____

Have you been a resident of Farmington for the past 12 months? _____

Please state your reasons for volunteering to serve our community as a member of City Council.

EDUCATION ACHIEVEMENT

Name of College/University	Degree	Year Attained
----------------------------	--------	---------------

Name of College/University	Degree	Year Attained
----------------------------	--------	---------------

Name of Institution/High School	Diploma/Certificate	Year Attained
---------------------------------	---------------------	---------------

(Degree or advance education is not required for appointment consideration)

EMPLOYMENT/PROFESSIONAL EXPERIENCE

Please describe your professional qualifications and/or employment experience.

COMMUNITY/PUBLIC SERVICE EXPERIENCE

Please describe you previous experience with community-based organizations or other volunteer activities.

SPECIAL SKILLS AND ABILITIES

Please describe any special skills, abilities, talents, etc., that you are willing to share.

Applicant signature

Please attach any additional pages or documents and return completed application to:

City Clerk's Office
23600 Liberty Street
Farmington, Michigan 48335
(248) 474-5500

Questions for City Council Candidates

Eligibility to serve on City Council – It is necessary to have lived in the City of Farmington for one year, must be 18 years of age or older, cannot be in default to the City or any other governmental unit in the state.

1. **Discuss your interest in serving on the City Council. Discuss your prior experience working with civic, community or governmental organizations.**

2. **What do you perceive as the three most important concerns facing Farmington?**

3. **What are your thoughts related to the City of Farmington's relationship with Farmington Hills?**

4. **All cities are facing fiscal challenges, how would you address balancing the budget and consider various alternatives and tradeoffs.**

5. **What are your thoughts related to residential and multi-family housing in Farmington? What improvements, if any, would you suggest?**

6. **What are your thoughts regarding Farmington's Historic character and assets?**

7. **What areas of Farmington do you think present an opportunity for redevelopment and revitalization? What do you think would be appropriate approach for the City?**

8. **Will you commit to running for city Council in 2015?**



City Clerk's Office
23600 Liberty Street, Farmington, MI 48335
248-474-5500
www.ci.farmington.mi.us

August 12, 2011

Subject: City Council Vacancy
Letter of Instruction

There will be a vacancy on the City Council due to the resignation of Michael Wiggins. As a result, and pursuant to Section 5.4 of the City Charter, the City Council will be establishing a process to consider filling this vacancy to complete Mr. Wiggins' term which expires in November 2013.

The City Council is requesting that anyone interested in being considered for this appointment complete the application and questionnaire available on the city's website or at the City Clerk's office. Applications and questionnaires must be returned to the City Clerk's office by **4:30 p.m. on Friday, September 9, 2011**. The applications will then be forwarded to the City Council for their review.

If you have any questions or need additional information, please feel free to contact me at 248-474-5500, x 2218.

Susan K. Halberstadt
City Clerk



City Clerk's Office
23600 Liberty Street, Farmington, MI 48335
248-474-5500
www.ci.farmington.mi.us

August 12, 2011

Name
Address
City State

Subject: City Council Vacancy

Dear _____

As you may know, there will be a vacancy on the City Council due to the resignation of Michael Wiggins. As a result, and pursuant to Section 5.4 of the City Charter, the City Council will be establishing a process to consider filling this vacancy to complete Mr. Wiggins' term which expires in November 2013.

The City Council is requesting that anyone interested in being considered for this appointment complete the attached application and questionnaire. They are requesting that the application and questionnaire be returned to the City Clerk's office by 4:30 p.m. on Friday, September 9, 2011. The applications will then be forwarded to the City Council for their review. The City Council specifically requested that a letter with the application and questionnaire be forwarded to each individual that pulled petitions from the Clerk's office for the November 2011 City Council ballot.

Thank you for your time and consideration. If you have any questions or need additional information, please feel free to contact me at 248-474-5500, x 2218.

Sincerely,

Susan K. Halberstadt
City Clerk

Enclosures

COUNCIL VACANCY
PROCESS USED FOR FEBRUARY 2007 APPOINTMENT

APPLICATION PROCESS

1. Council is required by Charter to appoint a new member within sixty (60) days from the date a resignation is received.
2. Council meets to establish a timetable for vacancy appointment process.
3. Council vacancy is published, posted and aired on cable.
4. Applications are accepted over a two-week period with an established deadline.
 - a. Applications are the same as those used for Boards and Commissions.
 - b. A questionnaire regarding current Farmington issues and projects is distributed with the application.
5. Following the application deadline, Council meets in an open meeting to review and discuss qualifications of applicants to determine who will be interviewed. Council sets special meeting date(s) for conducting interviews.
6. Council interviews applicants in twenty-five minute segments.
7. Council sets a special meeting in which the appointment will be made.

APPOINTMENT PROCESS

1. The Clerk or City Manager call for a nomination from each Council member. In submitting a nomination, each Council member provides reasons for his/her choice. The nominations are closed and a roll call vote is taken. *Possibility exists for a written signed ballot with the candidates name and the voting members name as an additional option to be used for taking the vote.*
2. The Clerk or City Manager announces the results and if there is no majority vote for one candidate, the nomination process begins again.
3. The Clerk or City Manager calls for a second round of nominations which may include *two* nominations from each Council member in order to widen the pool of top candidates. Once again, the Clerk takes a roll call vote and determines if a majority vote has been achieved.
4. The process continues until a majority vote is achieved. *If consensus cannot be reached within the 60 day time period, a special election must be set.*

Farmington City Council Staff Report	Council Meeting Date: January 6, 2020	Item Number 8
Submitted by: David Murphy, City Manager		
<u>Agenda Topic:</u> March 2020 Board of Review Schedule		
<u>Proposed Motion:</u> Move to schedule the March 2020 Board of Review on March 17 and 19.		
<u>Background:</u> Due to a scheduling conflict with the March election, Administration would like to change the dates that it is holding its MBOR from the regular schedule. Typically the MBOR would be held on March 10 and 12. This year Administration would like to schedule it on March 17 and 19.		
<u>Materials:</u> None		