



## Plymouth MCES Facilities



- Meters
- Gravity Interceptor
- Forcemain

Metershed	
	M117
	M118
	M120
	M226
	M241
	M242
	M410
	M428
	M437A/B

- Unmetered**
-

### City of Plymouth 2017 MWC Determination

Plymouth Cost Allocation Year Metered Flow: 2,235.20 million gallons (MG).

Plymouth Cost Allocation Year Unmetered Flow: 43.36 MG. Depending on the total yearly precipitation, the assigned wastewater generation rate per connection count (where applicable) can vary between 60,000 and 100,000 gallons/year/REC. This rate is based on historical community responses to wet weather, age of services and other available data. The total “water equivalent precipitation” in 2015 was 36.14 inches, which was above the 30-year average of 30.61 inches. This resulted in assigned the generation rates below.

<b>Adds</b>			
<b>City Flowing To</b>	<b>Calculation</b>	<b>Flow (MG)</b>	<b>Notes Re: Source</b>
Wayzata	30 REC x 100,000 gpy	3.00	
Minnetonka	(75 REC x 100,000 gpy) + 10,230,000 gal comm. + 1,390,000 gal inst.	19.12	Commercial and institutional volumes are based on water use records submitted by the City of Plymouth
Maple Grove	217 REC x 100,000 gpy	21.70	
	<b>TOTAL ADDS</b>	<b>43.82</b>	
<b>Deducts</b>			
<b>City Flowing From</b>	<b>Calculation</b>	<b>Flow (MG)</b>	<b>Notes Re: Source</b>
Minnetonka	1 REC x 80,000 gpy	-0.08	
Medicine Lake	(2 SFU + 1 Comm.) x 100,000 gpy + {[(3 REC x 100,000 gpy)/365] x 100 weekend days}	-0.38	3 REC @100 days for catering hall
	<b>TOTAL DEDUCTS</b>	<b>-0.46</b>	

**Total: 43.36**

For the 2017 Cost Allocation Year, the total regional flow was 85,298.36 MG.

The 2017 Metropolitan Wastewater Charge to be allocated was \$211,941,538.

The City's 2017 Flow Allocation was 2,278.56 MG, which represents 2.671282% of the total regional flow. Therefore, the City's 2017 Annual Charge was \$5,661,556.81, or 2.671282% of \$211,941,538.

The City's 2017 Annual Charge represents a 7.26% increase from the 2016 Annual Charge. It should be noted that this percentage incorporates an overall budget increase of 5.4%.