

# MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: **March 21, 2019**

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager 

**SUBJECT: SAM Flow Report for January 2019**

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The Sewer Authority Mid-Coastside (SAM) has prepared the following attached reports for the SAM Board of Directors and the California Regional Water Quality Control Board:

- Flow Report for January 2019.
- Collection System Monthly Overflow Report – January 2019.

The Average Daily Flow for Montara was 0.373 MGD in January 2019. There was no reportable overflow in January in the Montara System. SAM indicates there were 4.79 inches of rain in January 2019.

RECOMMENDATION:

Review and file.

Attachments

# Sewer Authority Mid-Coastside

Monthly Collection System Activity/SSO Distribution Report, January 2019

## January 2019

Total	Number of S.S.O.'s			
	HMB	GCSD	MWSD	SAM
Roots	0	0	0	0
Grease	0	0	0	0
Mechanical	0	0	0	0
Wet Weather	0	0	0	0
Other	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## 12 Month Moving Total

Total	12 month rolling Number			
	HMB	GCSD	MWSD	SAM
Roots	0	0	0	0
Grease	0	0	0	0
Mechanical	0	0	0	0
Wet Weather	0	0	0	0
Other	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>

## Reportable SSOs

Total	Reportable Number of S.S.O.'s			
	HMB	GCSD	MWSD	SAM
January 2019	0	0	0	0
12 Month Moving Total	0	0	0	0

## SSOs / Year / 100 Miles

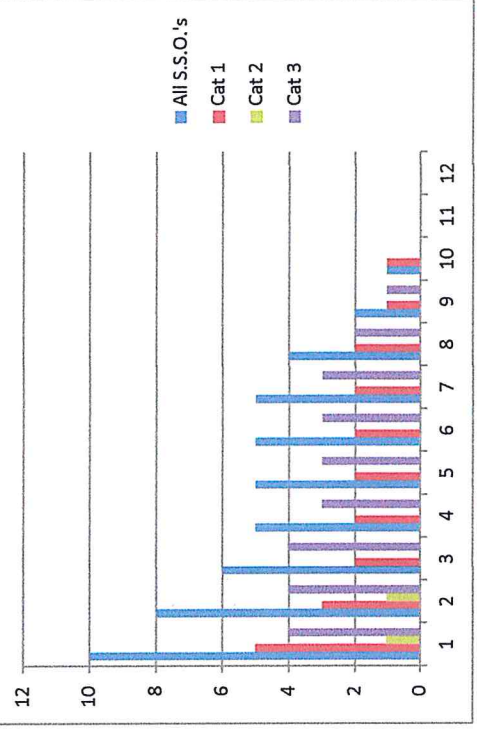
Total	Number of S.S.O.'s/Year/100 Miles			
	HMB	GCSD	MWSD	SAM
January 2019	0.0	0.0	0.0	0.0
12 Month Moving Total	0.0	0.0	0.0	0.0
Category 1	0.0	0.0	0.0	0.0
Category 2	0.0	0.0	0.0	0.0
Category 3	0.0	0.0	0.0	0.0
Miles of Sewers	104.5	37.0	33.2	27.0
		35.4%	31.8%	25.8%
				7.3
				7.0%

## 12 Month Rolling Total Sewer Cleaning Summary

Month	HMB	GCSD	MWSD	Total Feet	Total Miles
Feb - 18	10,011	6,913	11,998	28,922	5.5
Mar - 18	15,529	10,672	9,585	35,786	6.8
Apr - 18	13,294	11,588	11,614	36,496	6.9
May - 18	12,081	12,563	10,730	35,374	6.7
June - 18	17,720	17,272	9,086	44,078	8.3
July - 18	29,678	19,093	9,715	58,486	11.1
Aug - 18	22,610	22,232	16,155	60,997	11.6
Sep - 18	15,448	16,407	11,416	43,271	8.2
Oct - 18	21,189	10,969	14,786	46,944	8.9
Nov - 18	19,571	27,546	10,338	57,455	10.9
Dec - 18	27,756	17,357	9,422	54,535	10.3
Jan - 19	17,682	11,504	11,240	40,426	7.7
<b>Annual ft</b>	<b>222,569</b>	<b>184,116</b>	<b>136,085</b>	<b>542,770</b>	

Annual Mi.	42.2	34.9	25.8	102.8
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12 Month Moving SSO Totals Through January 2019



## Attachment A

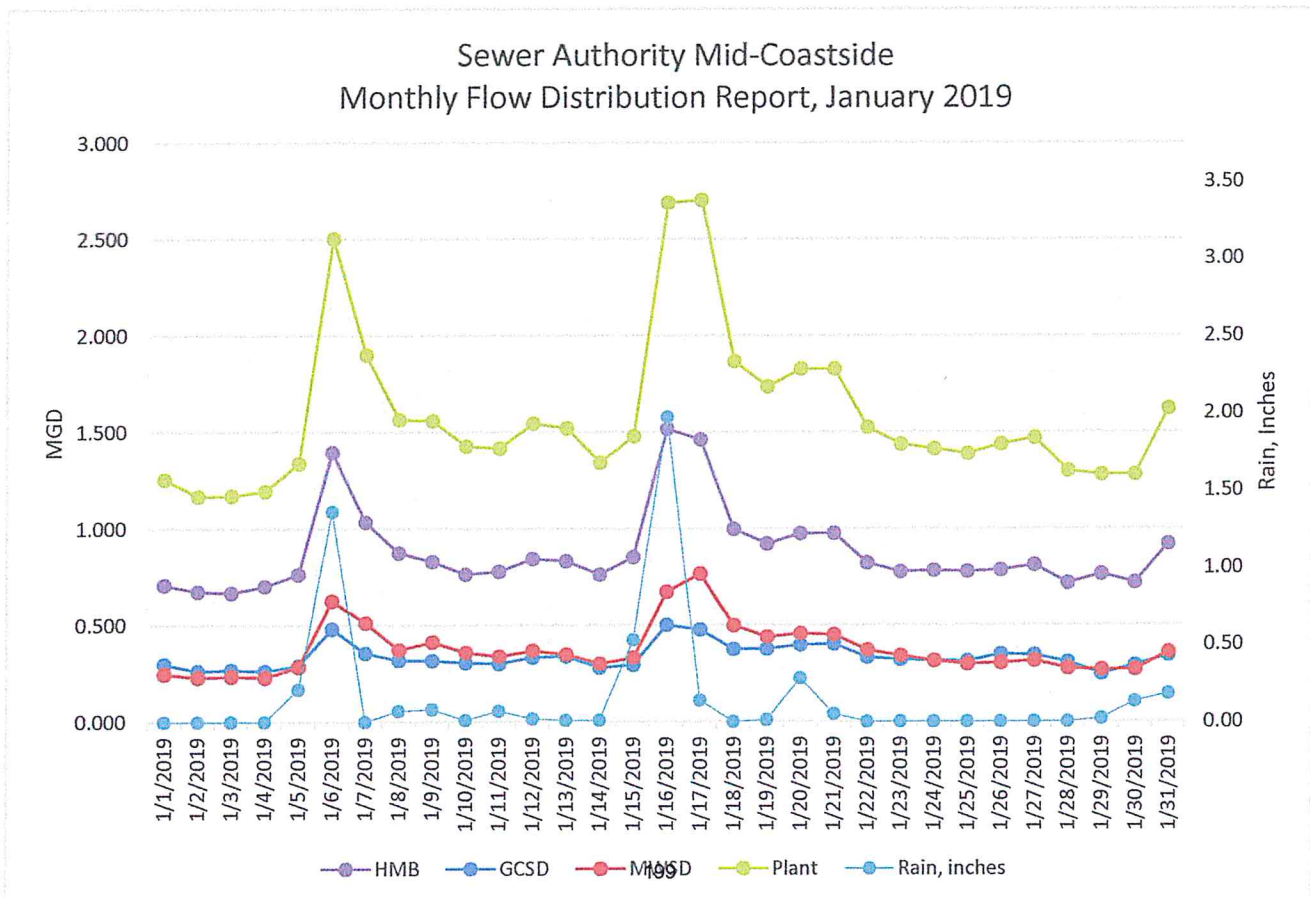
### Flow Distribution Report Summary for January 2019

The daily flow report figures for the month of January 2019  
have been converted to an Average

Daily Flow (ADF) for each Member Agency.  
The results are attached for your review.

The summary of the ADF information is as follows:

	<u>MGD</u>	<u>%</u>
The City of Half Moon Bay	0.878	55.4%
Granada Community Services District	0.335	21.1%
Montara Water and Sanitary District	<u>0.373</u>	<u>23.5%</u>
Total	1.585	100.0%



# Sewer Authority Mid-Coastside

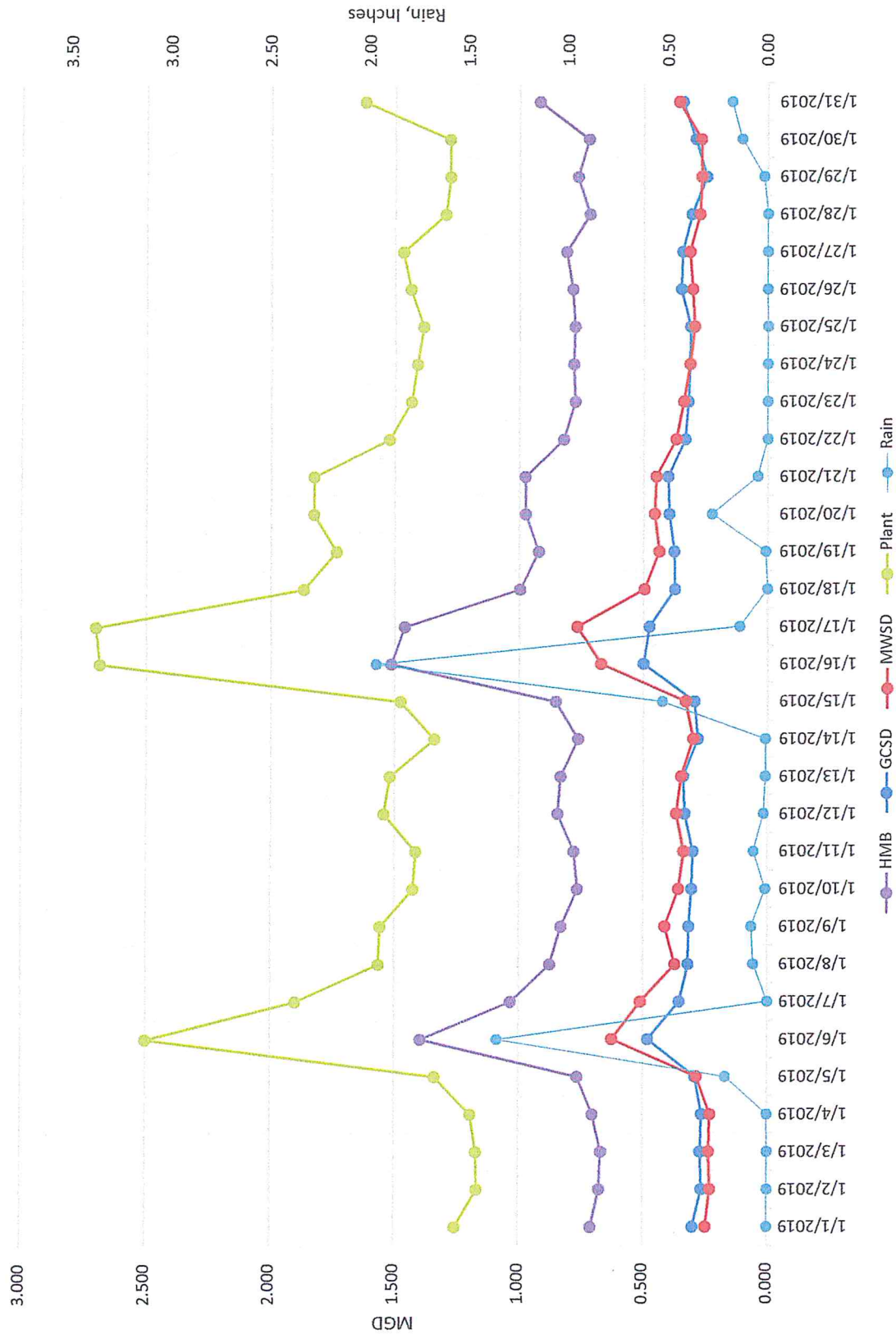
## Monthly Flow Distribution Report for January 2019

<u>Date</u>	<u>HMB</u>	<u>GCSD</u>	<u>MWSD</u>	<u>Plant</u>	<u>Rain Plant</u>	<u>Rain Portola</u>	<u>Rain Montara</u>
1/1/2019	0.709	0.298	0.247	1.254	0.00	0.00	0.00
1/2/2019	0.675	0.263	0.229	1.167	0.00	0.00	0.00
1/3/2019	0.668	0.268	0.234	1.170	0.00	0.00	0.00
1/4/2019	0.702	0.262	0.229	1.194	0.00	0.00	0.00
1/5/2019	0.764	0.290	0.284	1.338	0.21	0.54	0.36
1/6/2019	1.395	0.480	0.626	2.501	1.36	1.32	1.36
1/7/2019	1.034	0.355	0.511	1.900	0.00	0.00	0.00
1/8/2019	0.875	0.318	0.371	1.563	0.07	0.00	0.02
1/9/2019	0.830	0.316	0.412	1.557	0.08	0.28	0.29
1/10/2019	0.764	0.305	0.357	1.425	0.01	0.00	0.00
1/11/2019	0.778	0.300	0.337	1.415	0.07	0.12	0.11
1/12/2019	0.844	0.333	0.367	1.544	0.02	0.04	0.05
1/13/2019	0.833	0.339	0.347	1.519	0.01	0.00	0.00
1/14/2019	0.762	0.280	0.299	1.341	0.01	0.00	0.00
1/15/2019	0.853	0.294	0.330	1.477	0.53	0.25	0.37
1/16/2019	1.515	0.501	0.672	2.687	1.97	1.47	1.29
1/17/2019	1.460	0.476	0.766	2.702	0.14	0.01	0.02
1/18/2019	0.997	0.373	0.496	1.866	0.00	0.00	0.00
1/19/2019	0.921	0.376	0.437	1.734	0.01	0.00	0.00
1/20/2019	0.974	0.397	0.455	1.826	0.28	0.30	0.33
1/21/2019	0.976	0.402	0.449	1.827	0.05	0.02	0.03
1/22/2019	0.822	0.332	0.369	1.523	0.00	0.00	0.00
1/23/2019	0.776	0.320	0.339	1.435	0.00	0.00	0.00
1/24/2019	0.783	0.314	0.314	1.411	0.00	0.00	0.00
1/25/2019	0.777	0.312	0.297	1.387	0.00	0.00	0.00
1/26/2019	0.785	0.348	0.303	1.436	0.00	0.00	0.00
1/27/2019	0.811	0.344	0.314	1.468	0.00	0.00	0.00
1/28/2019	0.717	0.307	0.274	1.298	0.00	0.00	0.00
1/29/2019	0.765	0.247	0.267	1.279	0.02	0.05	0.05
1/30/2019	0.720	0.290	0.269	1.280	0.13	0.15	0.27
1/31/2019	0.920	0.343	0.358	1.621	0.18	0.28	0.24
<b>Totals</b>	<b>27.204</b>	<b>10.383</b>	<b>11.559</b>	<b>49.145</b>	<b>5.15</b>	<b>4.83</b>	<b>4.79</b>

### Summary

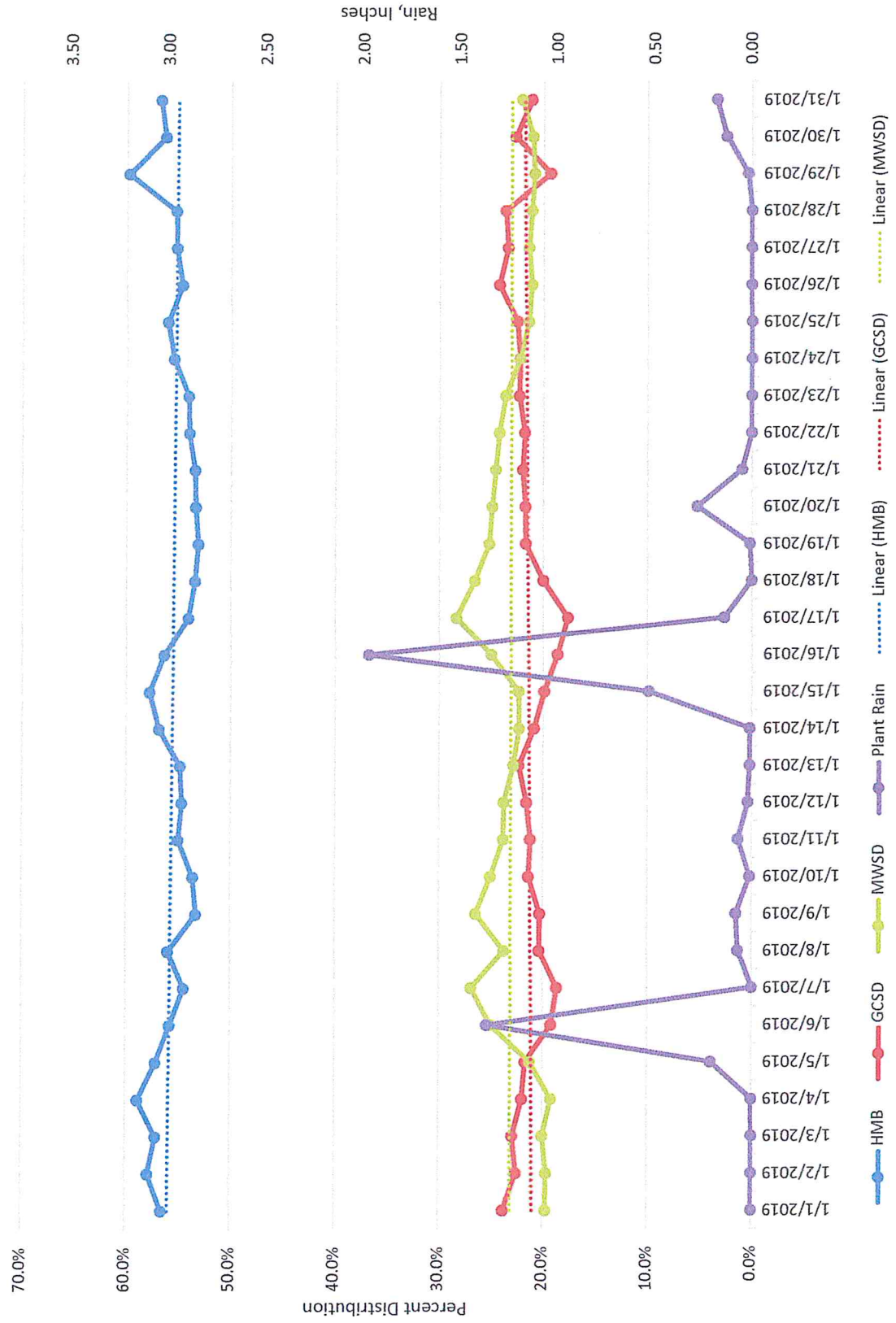
	<u>HMB</u>	<u>GCSD</u>	<u>MWSD</u>	<u>Plant</u>
Minimum	0.668	0.247	0.229	1.167
<b>Average</b>	<b>0.878</b>	<b>0.335</b>	<b>0.373</b>	<b>1.585</b>
Maximum	1.515	0.501	0.766	2.702
<b>Distribution</b>	<b>55.4%</b>	<b>21.1%</b>	<b>23.5%</b>	<b>100.0%</b>

# Sewer Authority Mid-Coastside Monthly Flow Distribution Report, January 2019

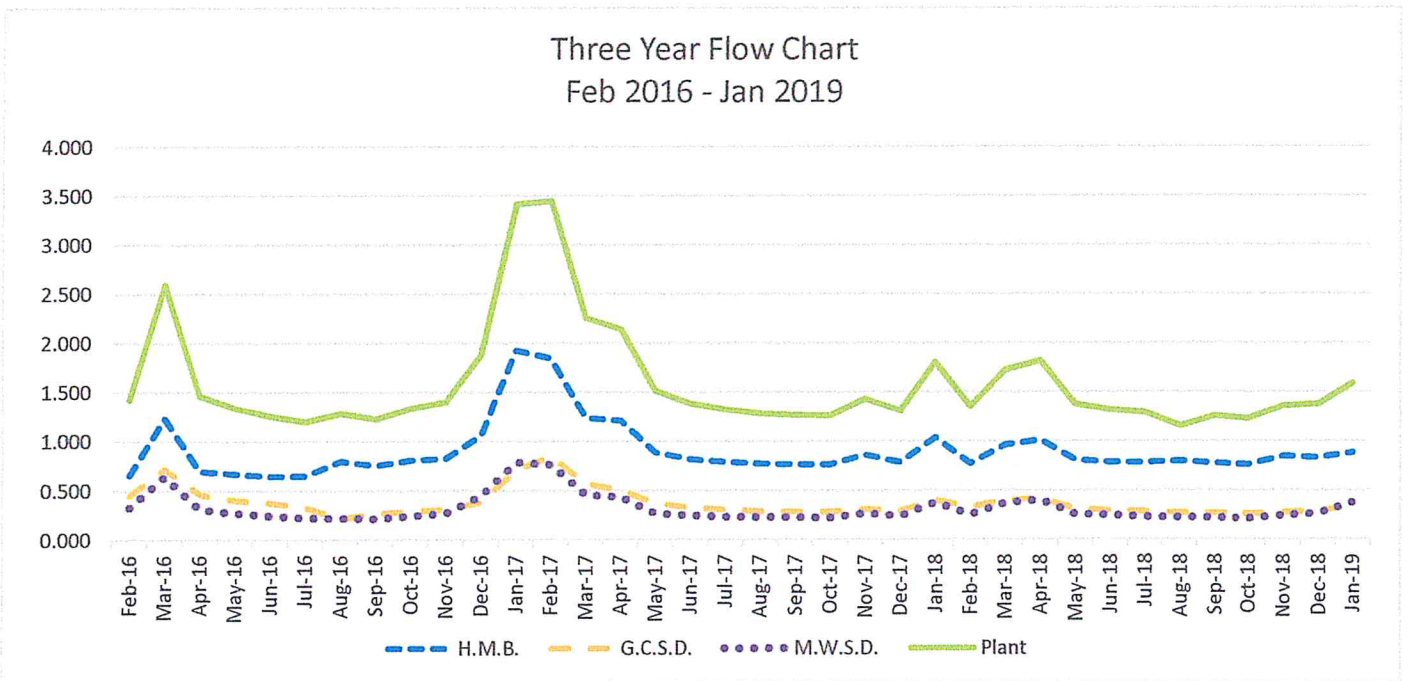
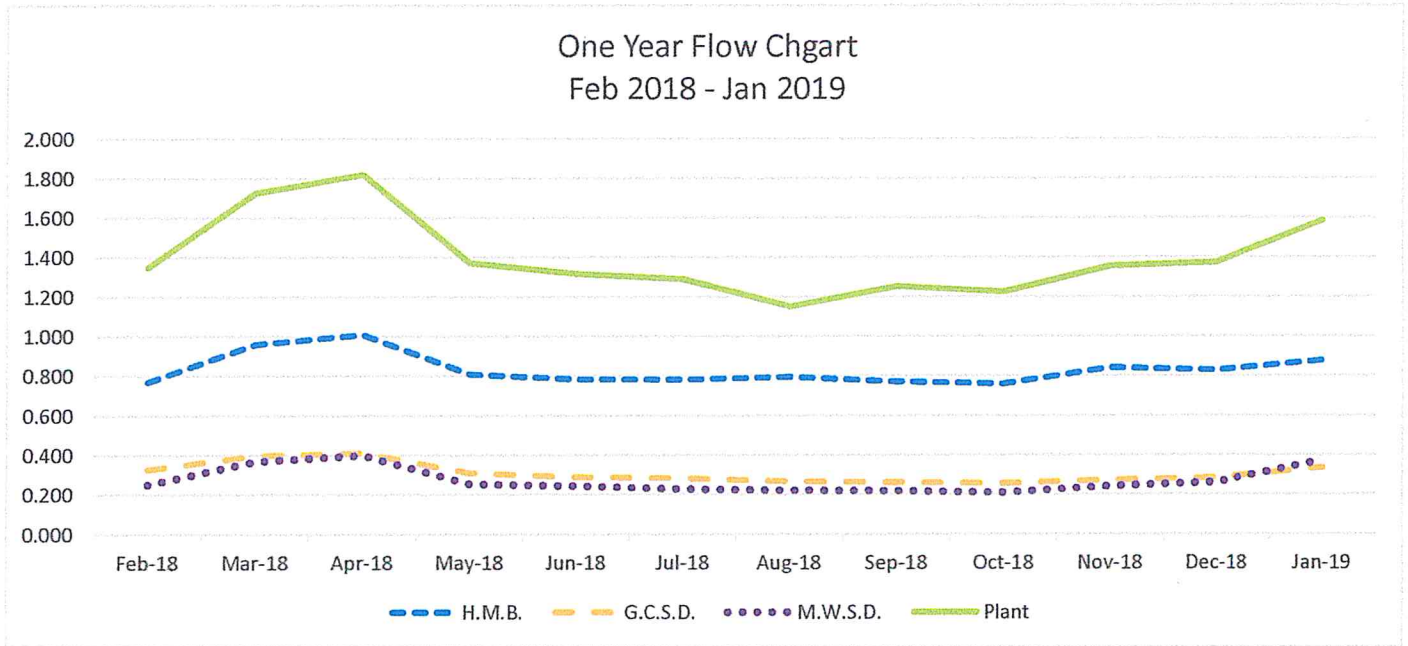




# Percent Distribution January 2019



Most recent flow calibration April 2018 PS, April 2018 Plant



# Flow based percent distribution based for past year

1 year Distribution by %  
Feb 2018 - Jan 2018

