



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: **October 5, 2023**

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager *[Signature]*

SUBJECT: SAM Flow Report for August 2023

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 August 2023.
- Collection System Monthly Overflow Report – August 2023.

The Average Daily Flow for Montara was 0.243 MGD in August 2023. There was 0 reportable overflows in August in the Montara System. SAM indicates there were 0.21 inches of rain in August 2023 in Montara.

RECOMMENDATION:

Review and file.

Attachments

Sewer Authority Mid-Coastside

Monthly Collection System Activity/SSO Distribution Report, August 2023

August 2023

	Total	Number of S.S.O's			
		HMB	GCSO	MWSD	SAM
Roots	0	0	0	0	0
Grease	0	0	0	0	0
Mechanical	0	0	0	0	0
Wet Weather	0	0	0	0	0
Other	0	0	0	0	0
Total	0	0	0	0	0

12 Month Moving Total

	Total	12 month rolling Number			
		HMB	GCSO	MWSD	SAM
Roots	2	0	0	2	0
Grease	0	0	0	0	0
Mechanical	2	0	0	0	2
Wet Weather	10	4	0	2	4
Other	1	1	0	0	0
Total	15	5	0	4	6
		33%	0%	27%	40%

Reportable SSOs

	Total	Reportable Number of S.S.O.'s			
		HMB	GCSO	MWSD	SAM
August 2023	0	0	0	0	0
12 Month Moving Total	15	5	0	4	6

SSOs / Year / 100 Miles

	Total	Number of S.S.O.'s /Year/100 Miles			
		HMB	GCSO	MWSD	SAM
August 2023	0.0	0.0	0.0	0.0	0.0
12 Month Moving Total	14.4	13.5	0.0	14.8	82.2
Category 1	6.7	0.0	0.0	3.7	82.2
Category 2	3.8	10.8	0.0	0.0	0.0
Category 3	3.8	2.7	0.0	11.1	0.0
Category 4	0.0	0.0	0.0	0.0	0.0
Miles of Sewers	104.5	37.0	33.2	27.0	7.3
		35.4%	31.8%	25.8%	7.0%

12 Month Rolling Total Sewer Cleaning Summary

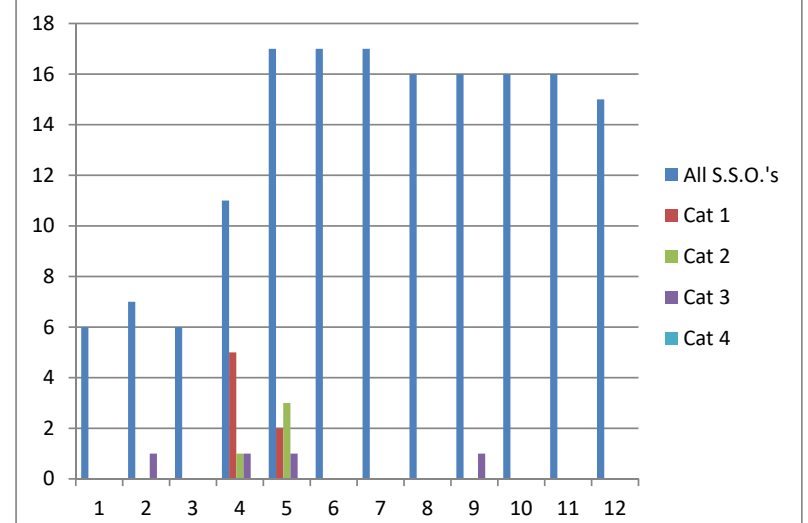
Month	HMB	GCSO	MWSD	Total Feet	Total Miles
Sep - 22	11,786	11,227	4,455	27,468	5.2
Oct - 22	12,220	8,847	9,308	30,375	5.8
Nov - 22	17,708	10,924	9,483	38,115	7.2
Dec - 22	2,384	9,393	5,101	16,878	3.2
Jan - 23	6,748	10,481	8,748	25,977	4.9
Feb - 23	14,417	9,983	6,822	31,222	5.9
Mar - 23	12,243	9,395	10,140	31,778	6.0
Apr - 23	10,883	12,375	8,290	31,548	6.0
May - 23	12,239	11,619	5,356	29,214	5.5
June - 23	11,096	10,472	5,375	26,943	5.1
July - 23	9,325	10,286	4,744	24,355	4.6
Aug - 23	22,726	8,469	9,951	41,146	7.8

Annual ft	143,775	123,471	87,773	355,019	
-----------	---------	---------	--------	---------	--

Annual Mi.	27.2	23.4	16.6		67.2
------------	------	------	------	--	------

Attachment C

12 Month Moving SSO Totals Through August 2023



Attachment A

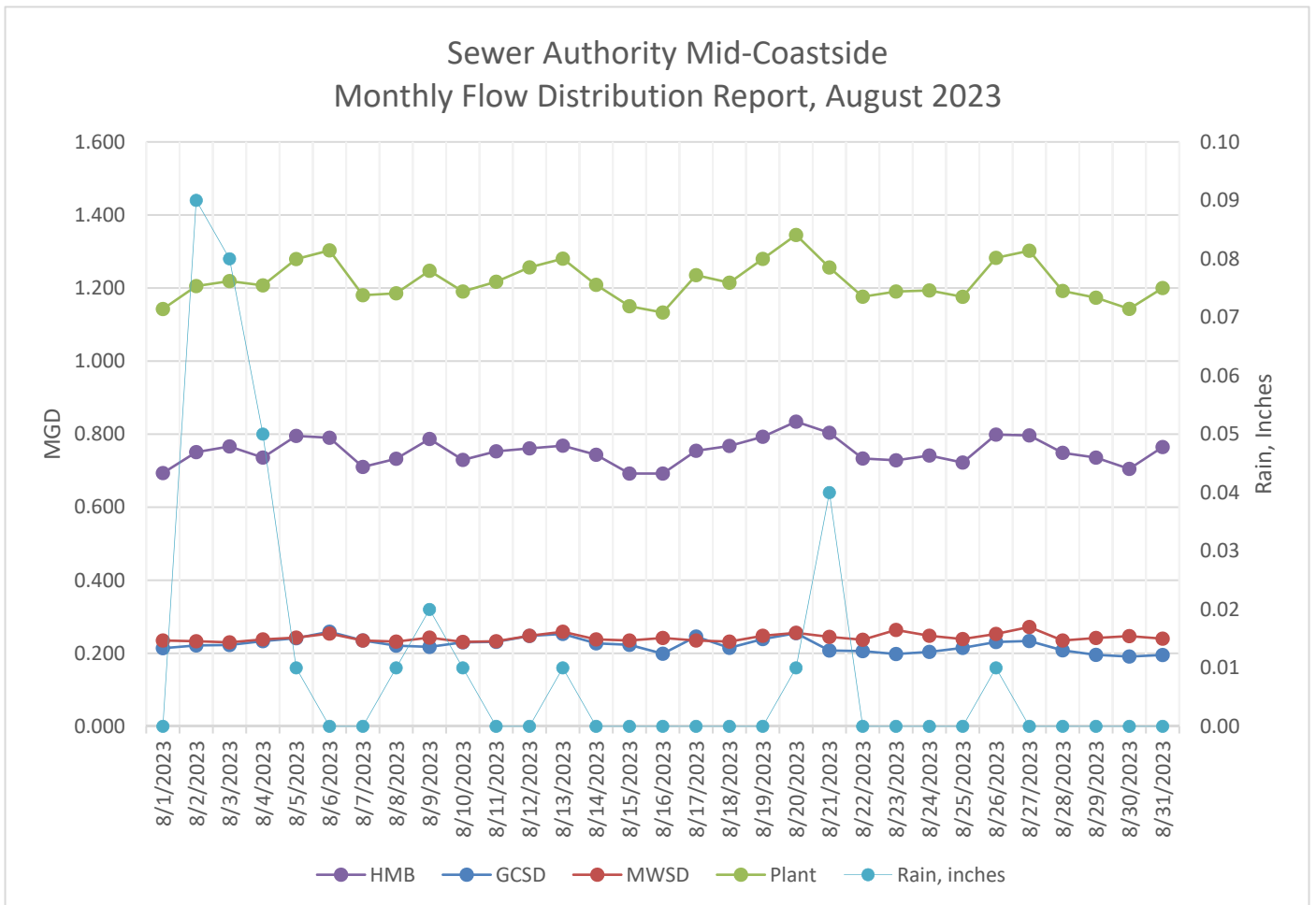
Flow Distribution Report Summary for August 2023

The daily flow report figures for the month of August 2023 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	0.753	61.77%
Granada Community Services District	0.223	18.31%
Montara Water and Sanitary District	<u>0.243</u>	<u>19.92%</u>
Total	1.218	100.0%



Sewer Authority Mid-Coastside

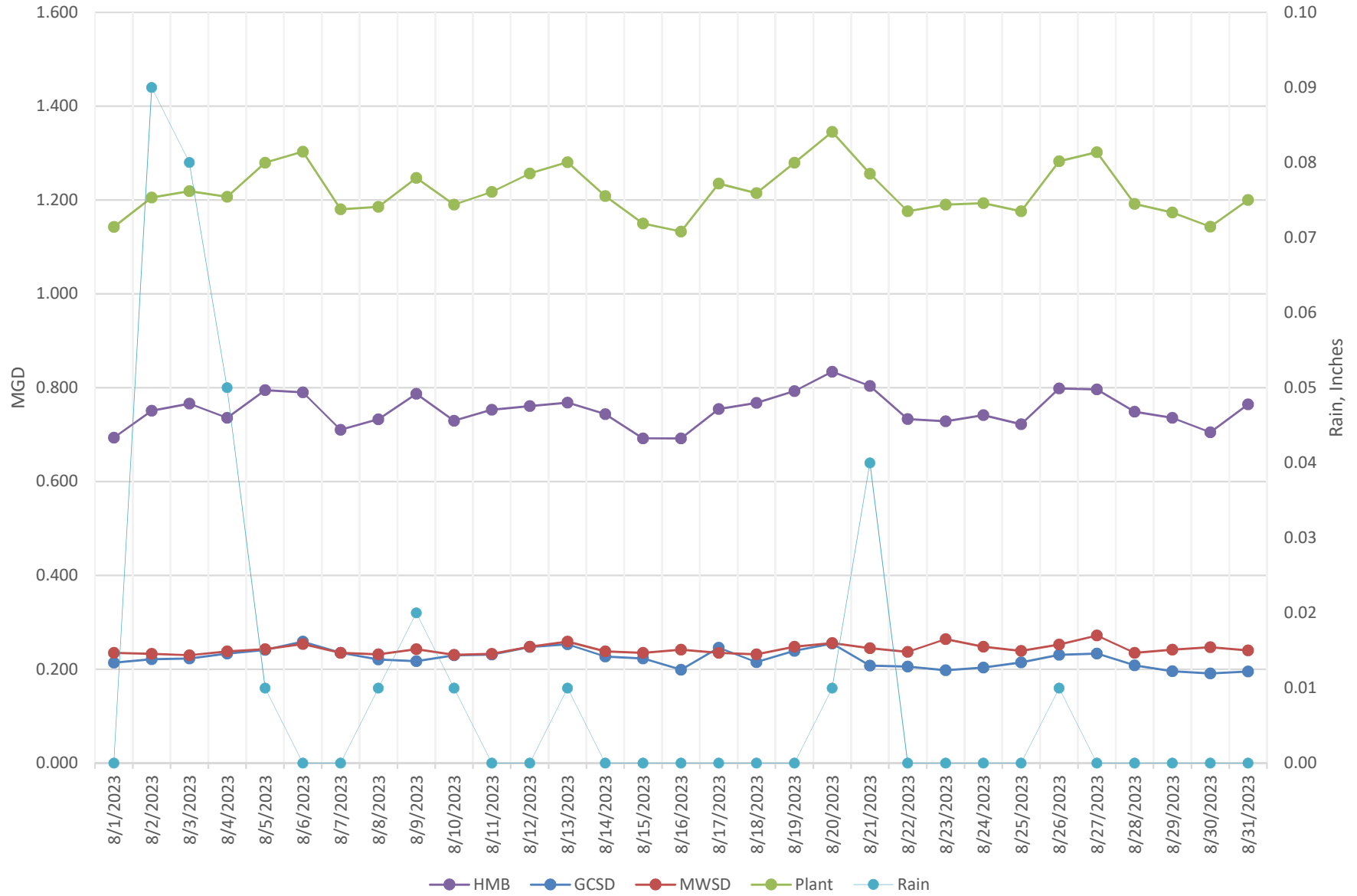
Monthly Flow Distribution Report for August 2023

<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>
8/1/2023	0.693	0.214	0.235	1.142	0.00	0.00	0.01
8/2/2023	0.751	0.222	0.233	1.205	0.09	0.04	0.05
8/3/2023	0.766	0.223	0.230	1.219	0.08	0.06	0.04
8/4/2023	0.736	0.233	0.238	1.207	0.05	0.05	0.05
8/5/2023	0.795	0.241	0.243	1.279	0.01	0.01	0.01
8/6/2023	0.790	0.259	0.254	1.303	0.00	0.00	0.00
8/7/2023	0.710	0.235	0.235	1.180	0.00	0.00	0.00
8/8/2023	0.733	0.221	0.232	1.186	0.01	0.01	0.01
8/9/2023	0.787	0.217	0.243	1.247	0.02	0.01	0.01
8/10/2023	0.729	0.230	0.231	1.190	0.01	0.00	0.01
8/11/2023	0.753	0.231	0.233	1.217	0.00	0.00	0.01
8/12/2023	0.761	0.248	0.248	1.257	0.00	0.00	0.00
8/13/2023	0.768	0.253	0.259	1.280	0.01	0.01	0.00
8/14/2023	0.743	0.227	0.238	1.209	0.00	0.00	0.00
8/15/2023	0.692	0.223	0.235	1.150	0.00	0.00	0.00
8/16/2023	0.692	0.199	0.242	1.133	0.00	0.00	0.00
8/17/2023	0.754	0.246	0.235	1.235	0.00	0.00	0.00
8/18/2023	0.768	0.215	0.232	1.215	0.00	0.00	0.00
8/19/2023	0.793	0.239	0.248	1.280	0.00	0.00	0.00
8/20/2023	0.834	0.255	0.256	1.345	0.01	0.01	0.00
8/21/2023	0.804	0.208	0.245	1.256	0.04	0.00	0.01
8/22/2023	0.733	0.206	0.237	1.176	0.00	0.00	0.00
8/23/2023	0.728	0.198	0.264	1.191	0.00	0.00	0.00
8/24/2023	0.741	0.204	0.248	1.193	0.00	0.00	0.00
8/25/2023	0.722	0.215	0.239	1.176	0.00	0.00	0.00
8/26/2023	0.799	0.231	0.253	1.283	0.01	0.00	0.00
8/27/2023	0.796	0.234	0.272	1.302	0.00	0.00	0.00
8/28/2023	0.749	0.208	0.235	1.192	0.00	0.00	0.00
8/29/2023	0.736	0.196	0.242	1.174	0.00	0.00	0.00
8/30/2023	0.705	0.191	0.247	1.143	0.00	0.00	0.00
8/31/2023	0.765	0.195	0.240	1.200	0.00	0.00	0.00
Totals	23.328	6.917	7.522	37.767	0.34	0.20	0.21

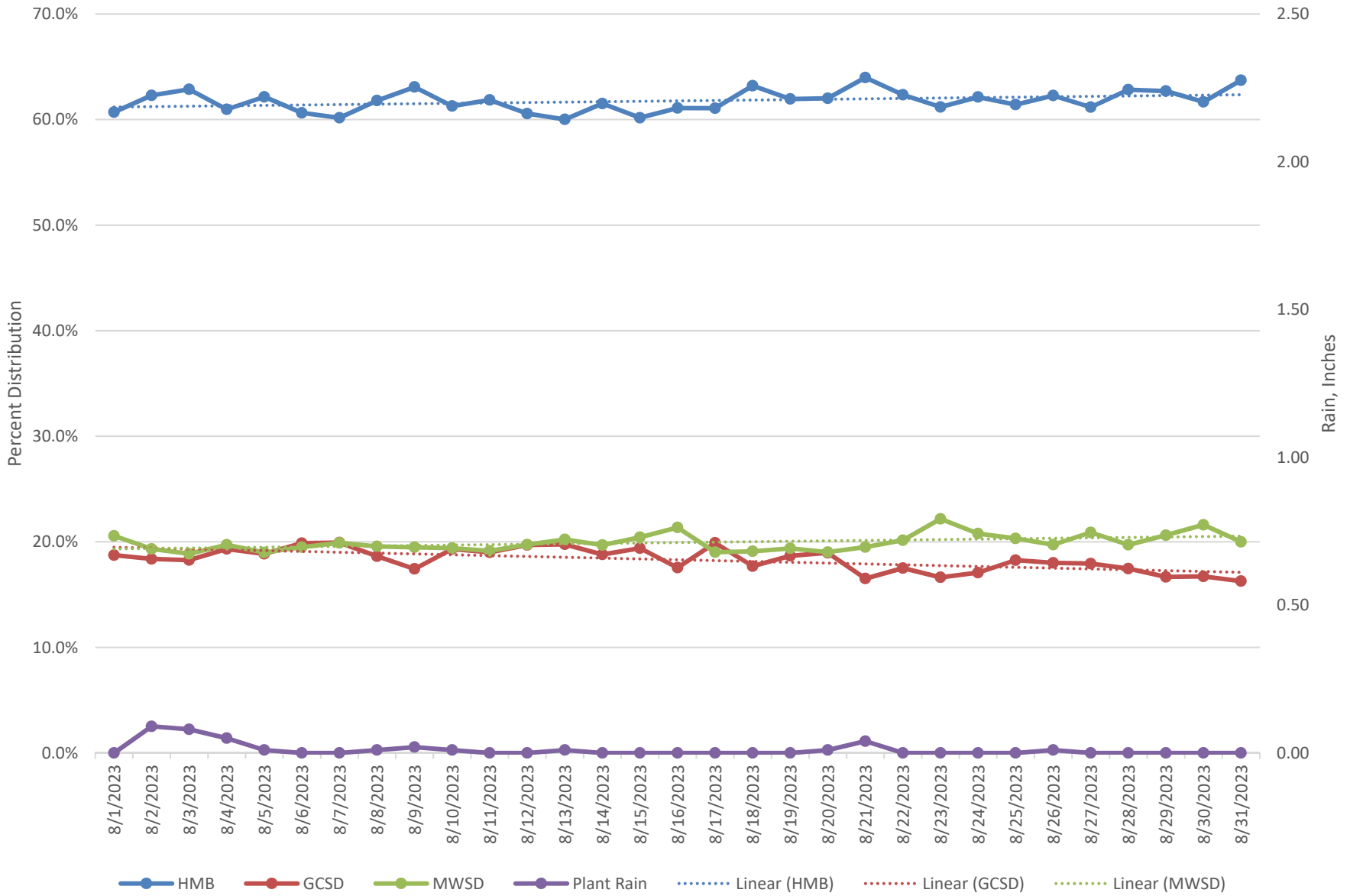
Summary

	<u>HMB</u>	<u>GCSD</u>	<u>MWSD</u>	<u>Plant</u>
Minimum	0.692	0.191	0.230	1.133
Average	0.753	0.223	0.243	1.218
Maximum	0.834	0.259	0.272	1.345
Distribution	61.77%	18.31%	19.92%	100.0%

Sewer Authority Mid-Coastside Monthly Flow Distribution Report, August 2023

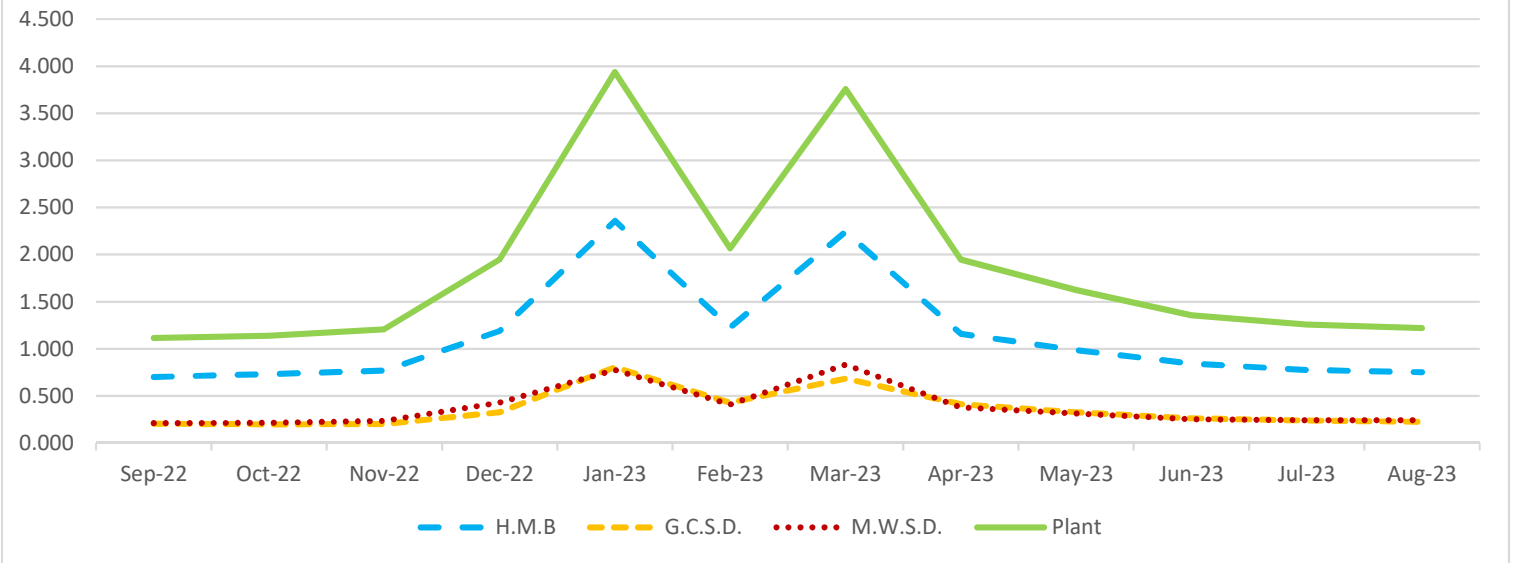


Percent Distribution August 2023

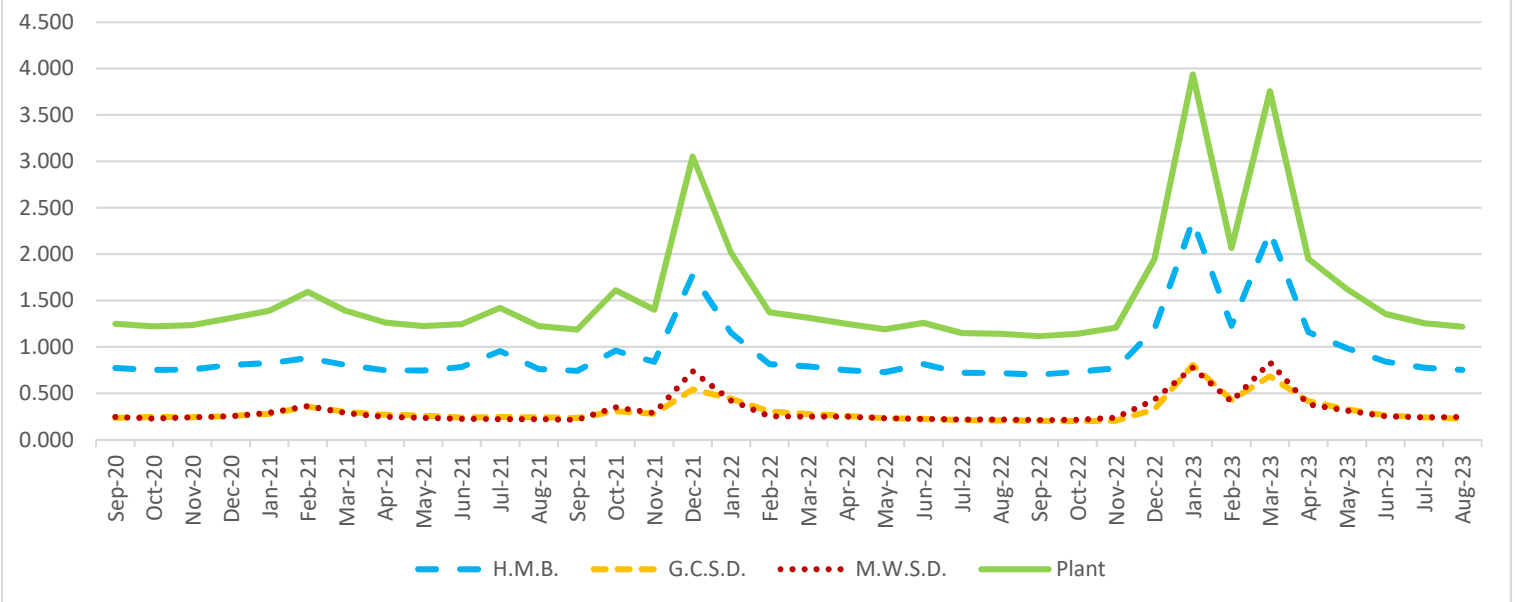


Most recent flow calibration March 2021 PS, March 2021 Plant

One Year Flow Chart
September 2022 - August 2023



Three year flow chart
September 2020 - August 2023



Flow based percent distribution based for past year

