



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: **September 7, 2023**

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager

A handwritten signature in black ink, appearing to be 'C Heldmaier'.

SUBJECT: SAM Flow Report for July 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 July 2023.
- Collection System Monthly Overflow Report – July 2023.

The Average Daily Flow for Montara was 0.242 MGD in July 2023 . There was 0 reportable overflows in July in the Montara System. SAM indicates there were 0.17 inches of rain in July 2023 in Montara.

RECOMMENDATION:

Review and file.

Attachments

Sewer Authority Mid-Coastside

Monthly Collection System Activity/SSO Distribution Report, July 2023

July 2023

	Number of S.S.O's				
	Total	HMB	GCS D	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

	12 month rolling Number				
	Total	HMB	GCS D	MWSD	SAM
Roots	3	0	1	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	16	5	1	4	6
		31%	6%	25%	38%

Reportable SSOs

	Reportable Number of S.S.O.'s				
	Total	HMB	GCS D	MWSD	SAM
July 2023	0	0	0	0	0
12 Month Moving Total	16	5	1	4	6

SSOs / Year / 100 Miles

	Number of S.S.O.'s /Year/100 Miles				
	Total	HMB	GCS D	MWSD	SAM
July 2023	0.0	0.0	0.0	0.0	0.0
12 Month Moving Total	15.3	13.5	3.0	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	4.8	2.7	3.0	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%

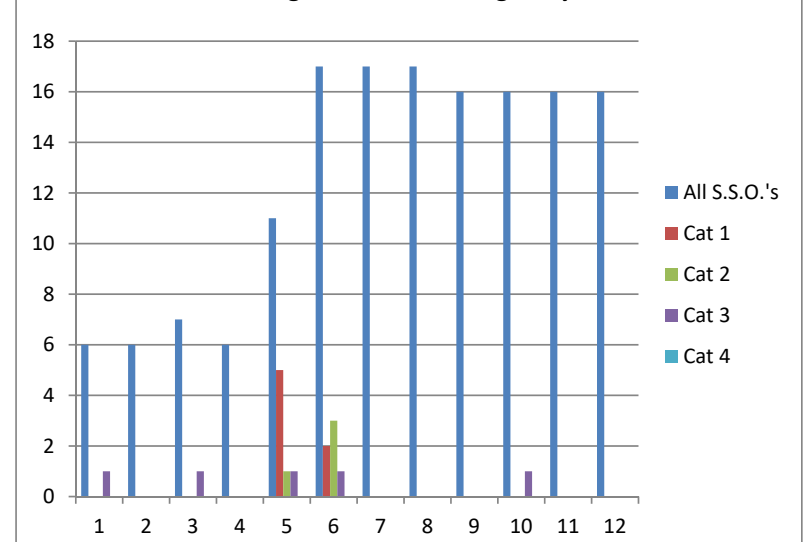
12 Month Rolling Total Sewer Cleaning Summary

Month	HMB	GCS D	MWSD	Total Feet	Total Miles
Aug - 22	15,041	7,358	11,197	33,596	6.4
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

Annual ft	136,090	122,360	89,019	347,469	
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Annual Mi.	25.8	23.2	16.9		65.8
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12 Month Moving SSO Totals Through July 2023



Attachment C

Attachment A

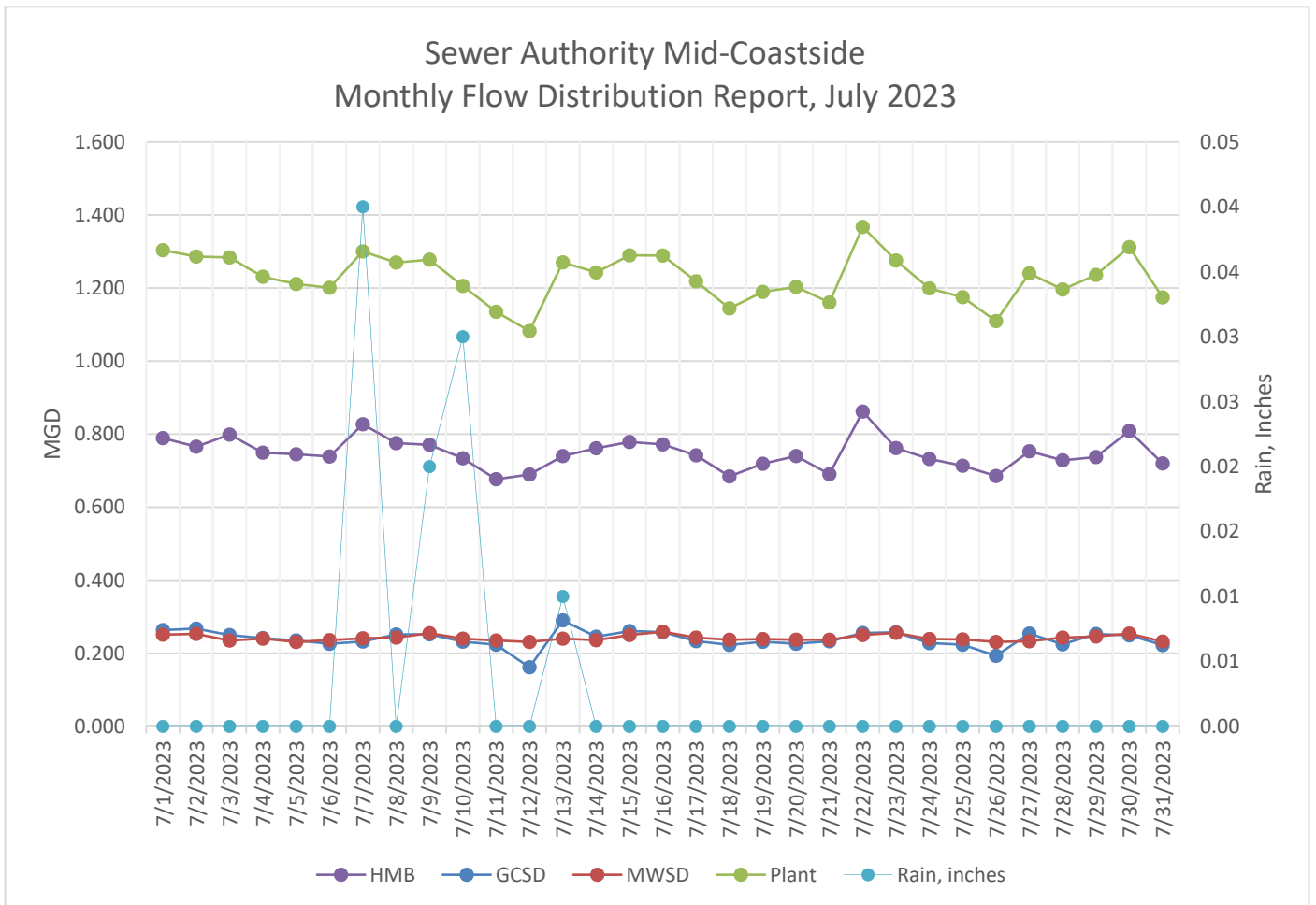
Flow Distribution Report Summary for July 2023

The daily flow report figures for the month of July 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	0.748	60.90%
Granada Community Services District	0.239	19.43%
Montara Water and Sanitary District	<u>0.242</u>	<u>19.67%</u>
Total	1.228	100.0%



Sewer Authority Mid-Coastside

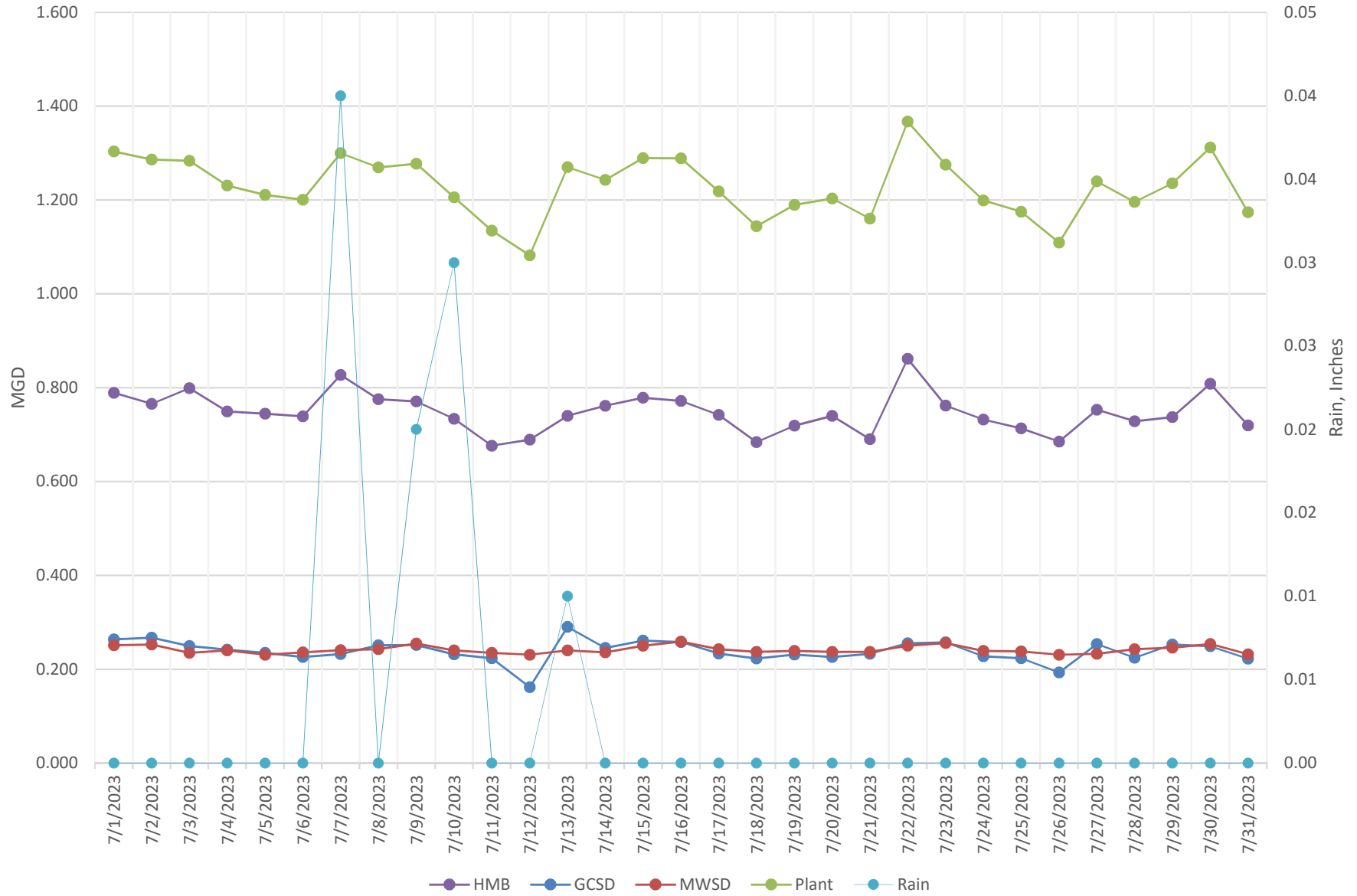
Monthly Flow Distribution Report for July 2023

<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>
7/1/2023	0.789	0.264	0.251	1.304	0.00	0.00	0.00
7/2/2023	0.766	0.267	0.253	1.286	0.00	0.00	0.00
7/3/2023	0.799	0.250	0.235	1.284	0.00	0.00	0.00
7/4/2023	0.749	0.242	0.240	1.231	0.00	0.00	0.00
7/5/2023	0.745	0.235	0.231	1.211	0.00	0.00	0.00
7/6/2023	0.739	0.226	0.236	1.201	0.00	0.00	0.00
7/7/2023	0.827	0.232	0.241	1.300	0.04	0.04	0.06
7/8/2023	0.775	0.251	0.243	1.270	0.00	0.00	0.00
7/9/2023	0.771	0.252	0.255	1.278	0.02	0.01	0.04
7/10/2023	0.734	0.232	0.240	1.206	0.03	0.05	0.04
7/11/2023	0.677	0.223	0.235	1.135	0.00	0.00	0.00
7/12/2023	0.690	0.162	0.231	1.082	0.00	0.00	0.01
7/13/2023	0.740	0.290	0.240	1.270	0.01	0.01	0.01
7/14/2023	0.761	0.245	0.236	1.243	0.00	0.00	0.01
7/15/2023	0.779	0.261	0.250	1.290	0.00	0.00	0.00
7/16/2023	0.772	0.258	0.259	1.289	0.00	0.00	0.00
7/17/2023	0.742	0.233	0.243	1.218	0.00	0.00	0.00
7/18/2023	0.684	0.223	0.237	1.144	0.00	0.00	0.00
7/19/2023	0.719	0.232	0.239	1.190	0.00	0.00	0.00
7/20/2023	0.740	0.226	0.237	1.203	0.00	0.00	0.00
7/21/2023	0.690	0.233	0.237	1.160	0.00	0.00	0.00
7/22/2023	0.862	0.256	0.250	1.367	0.00	0.00	0.00
7/23/2023	0.762	0.257	0.256	1.275	0.00	0.00	0.00
7/24/2023	0.732	0.228	0.239	1.199	0.00	0.00	0.00
7/25/2023	0.714	0.223	0.238	1.175	0.00	0.00	0.00
7/26/2023	0.685	0.193	0.231	1.110	0.00	0.00	0.00
7/27/2023	0.753	0.254	0.233	1.240	0.00	0.00	0.00
7/28/2023	0.728	0.225	0.243	1.196	0.00	0.00	0.00
7/29/2023	0.737	0.253	0.246	1.236	0.00	0.00	0.00
7/30/2023	0.809	0.249	0.254	1.312	0.00	0.00	0.00
7/31/2023	0.720	0.223	0.232	1.174	0.00	0.00	0.00
Totals	23.189	7.399	7.491	38.079	0.10	0.11	0.17

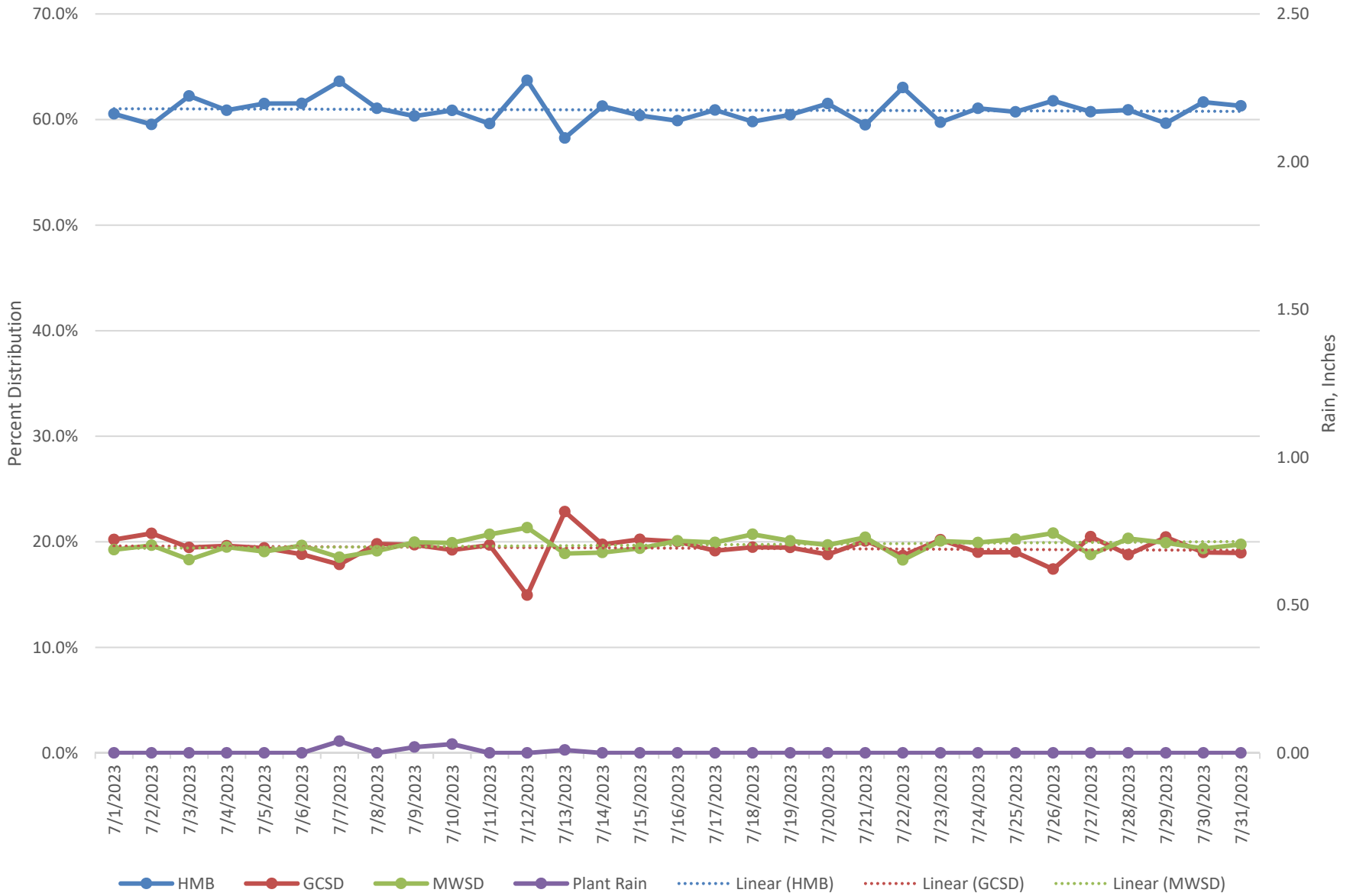
Summary

	<u>HMB</u>	<u>GCSD</u>	<u>MWSD</u>	<u>Plant</u>
Minimum	0.677	0.162	0.231	1.082
Average	0.748	0.239	0.242	1.228
Maximum	0.862	0.290	0.259	1.367
Distribution	60.90%	19.43%	19.67%	100.0%

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

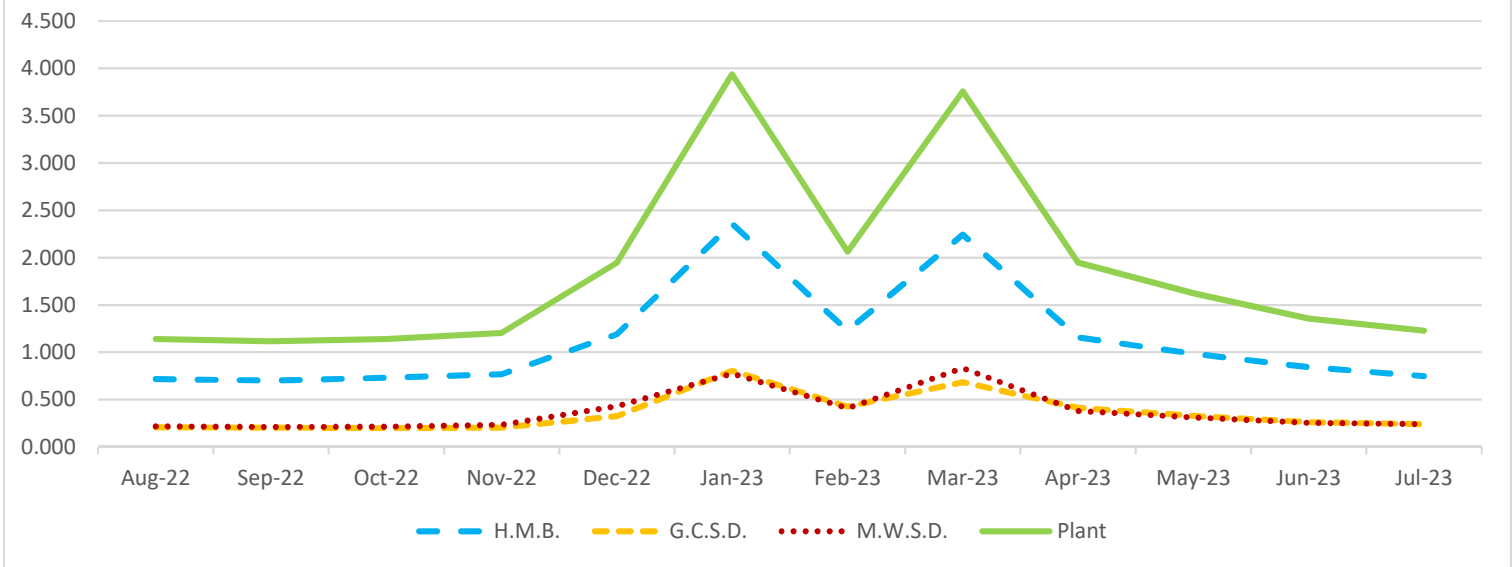


Percent Distribution July 2023

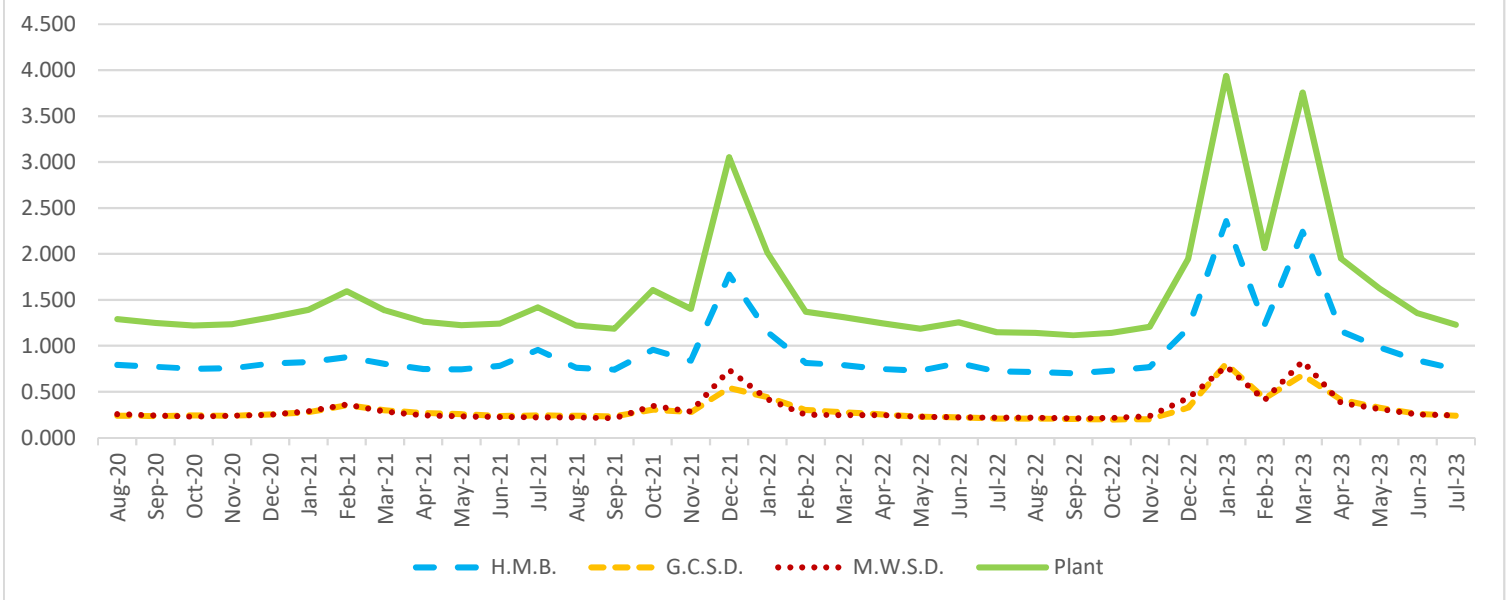


Most recent flow calibration March 2021 PS, March 2021 Plant

One Year Flow Chart
August 2022 - July 2023



Three year flow chart
August 2020 - July 2023



Flow based percent distribution based for past year

