



General Manager's Report Items 7 & 8:

Status Report on Cal-Am Compliance
with SWRCB Orders and Seaside Basin
Decision as of October 1, 2021

Meeting Date: October 18, 2021

Staff contact: David J. Stoldt

Actual versus Target Production

Oct – Sep Water Year 2021

(All Values in Acre-Feet)

Year-to-Date Values	MPWRS				
	Carmel River Basin ^{2, 6}	Seaside Groundwater Basin			MPWRS Total
		Coastal	Laguna Seca	Ajudication Compliance	
Target	5,262	1,247	0	1,247	6,509
Actual ⁴	4,896	1,479	187	1,667	6,563
Difference	366	-232	-187	-420	-54
WY 2020 Actual	7,025	1,882	337	2,218	9,234

1. This table is current through the date of this report.
2. For CDO compliance, ASR, Mal Paso, and Table 13 diversions are included in River production per State Board.
3. Sand City Desal, Table 13, and ASR recovery are also tracked as water resources projects.
4. To date, 66 AF and 17 AF have been produced from the River for ASR and Table 13 respectively.
5. All values are rounded to the nearest Acre-Foot.
6. For CDO Tracking Purposes, ASR production for injection is capped at 600 AFY.
7. Table 13 diversions are reported under water rights but counted as production from the River for CDO tracking.

Actual versus Target Production

Oct – Sep Water Year 2021

(All Values in Acre-Feet)

Water Projects and Rights					
Year-to-Date Values					Water Projects and Rights Total
	ASR Recovery	Table 13 ⁷	Pure Water Monterey	Sand City ³	
Target	0	114	2,688	300	3,102
Actual ⁴	0	17	3,027	147	3,191
Difference	0	97	-339	153	-89
WY 2020 Actual	753	218	0	195	1,166

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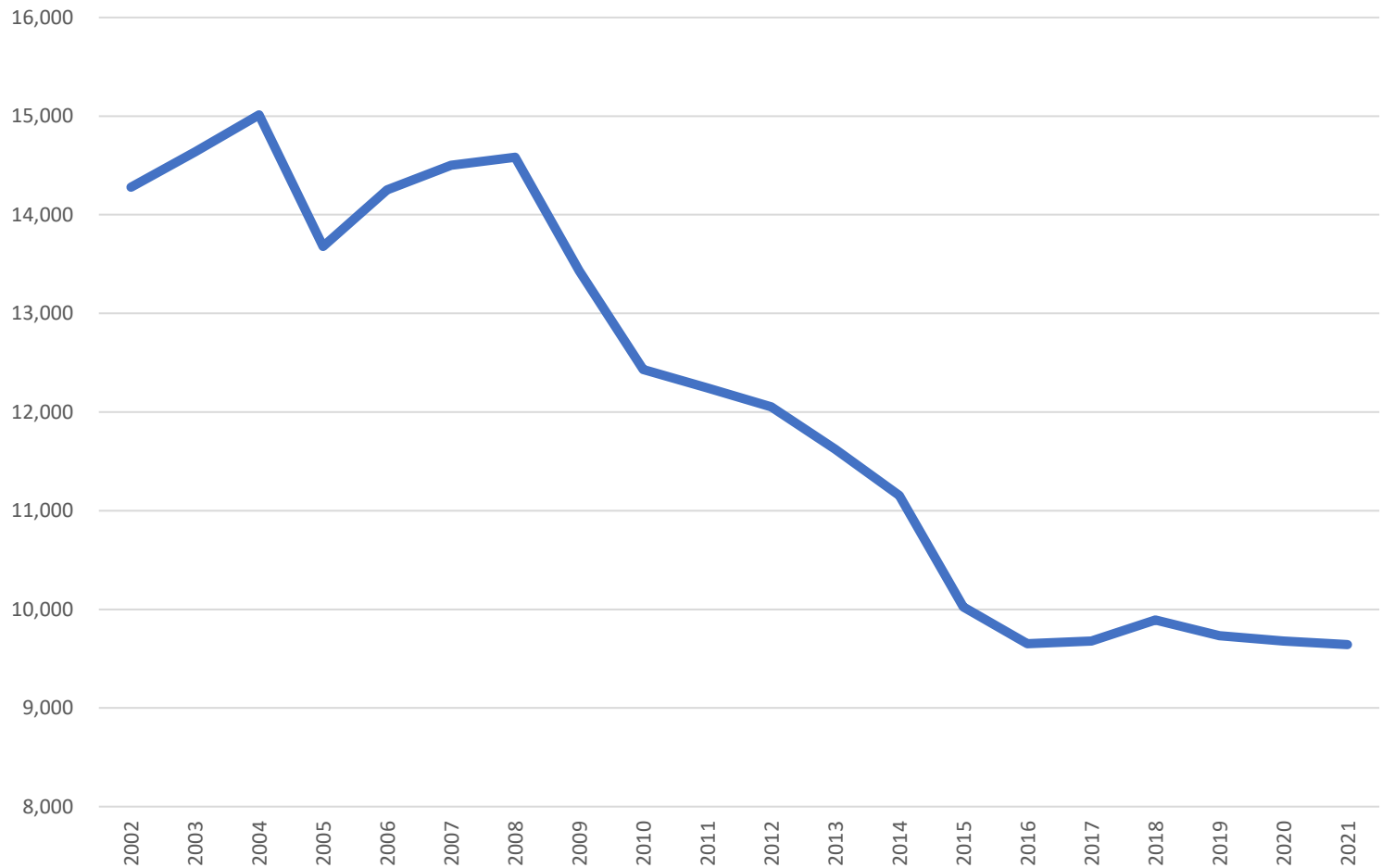
Production for Customer Service for Cal-Am: Water Year 2021 (All Values in Acre-Feet)

Monthly Production from all Sources for Customer Service: WY 2021

	Carmel River Basin	Seaside Basin	ASR Recovery	Table 13	Sand City	Mal Paso	Pure Water Monterey	Total
Oct-20	293	266	0	0	10	5	300	874
Nov-20	233	219	0	0	0	5	300	757
Dec-20	314	276	0	0	7	6	100	703
Jan-21	343	130	0	13	12	5	150	652
Feb-21	531	26	0	4	20	5	32	617
Mar-21	464	29	0	0	15	5	195	708
Apr-21	351	43	0	0	0	5	389	787
May-21	371	42	0	0	9	5	440	868
Jun-21	400	50	0	0	28	5	424	906
Jul-21	494	266	0	0	10	5	142	918
Aug-21	476	196	0	0	18	5	250	944
Sep-21	453	125	0	0	18	5	305	906
Total	4,723	1,667	0	17	147	61	3,027	9,641
WY 2020	6,140	2,219	753	218	195	67	88	9,680

1. This table is produced as a proxy for customer demand.
2. Numbers are provisional and are subject to correction.

Production for Customer Service for Cal-Am: Last 20 Years (All Values in Acre-Feet)



Cease and Desist Order Milestones

2019-2020	(1) Drilling activity for at least one MPWSP Desalination Plant source water production well ²¹ complete; (2) foundation and structural framing complete for MPWSP Desalination Plant pretreatment seawater reverse osmosis, and administration buildings at desalination plant; (3) excavation complete for MPWSP Desalination Plant brine and backwash storage basins; and (4) 25% of MPWSP Desalination Plant transmission pipelines installed based on total length, including 100% installation of the "Monterey Pipeline and other ASR related improvements".	September 30, 2020
2020-2021	For MPWSP Desalination Plant: (1) 50% of drilling activity complete for source water production wells based on total number of wells required; (2) mechanical systems for brine and backwash storage basins complete; (3) construction of filtered water tanks and finished water tanks complete; (4) 50% of transmission pipelines installed based on total length.	September 30, 2021
2021-2022 and beyond	Substantial completion of the Cal-Am Components of the MPWSP Desalination Plant, meaning the Cal-Am Components are sufficiently complete and appropriately permitted to allow delivery of MPWSP Desalination Plant produced potable water to Cal-Am's Monterey Main system, eliminating further Cal-Am diversions of Carmel River water without valid basis of right	December 31, 2021

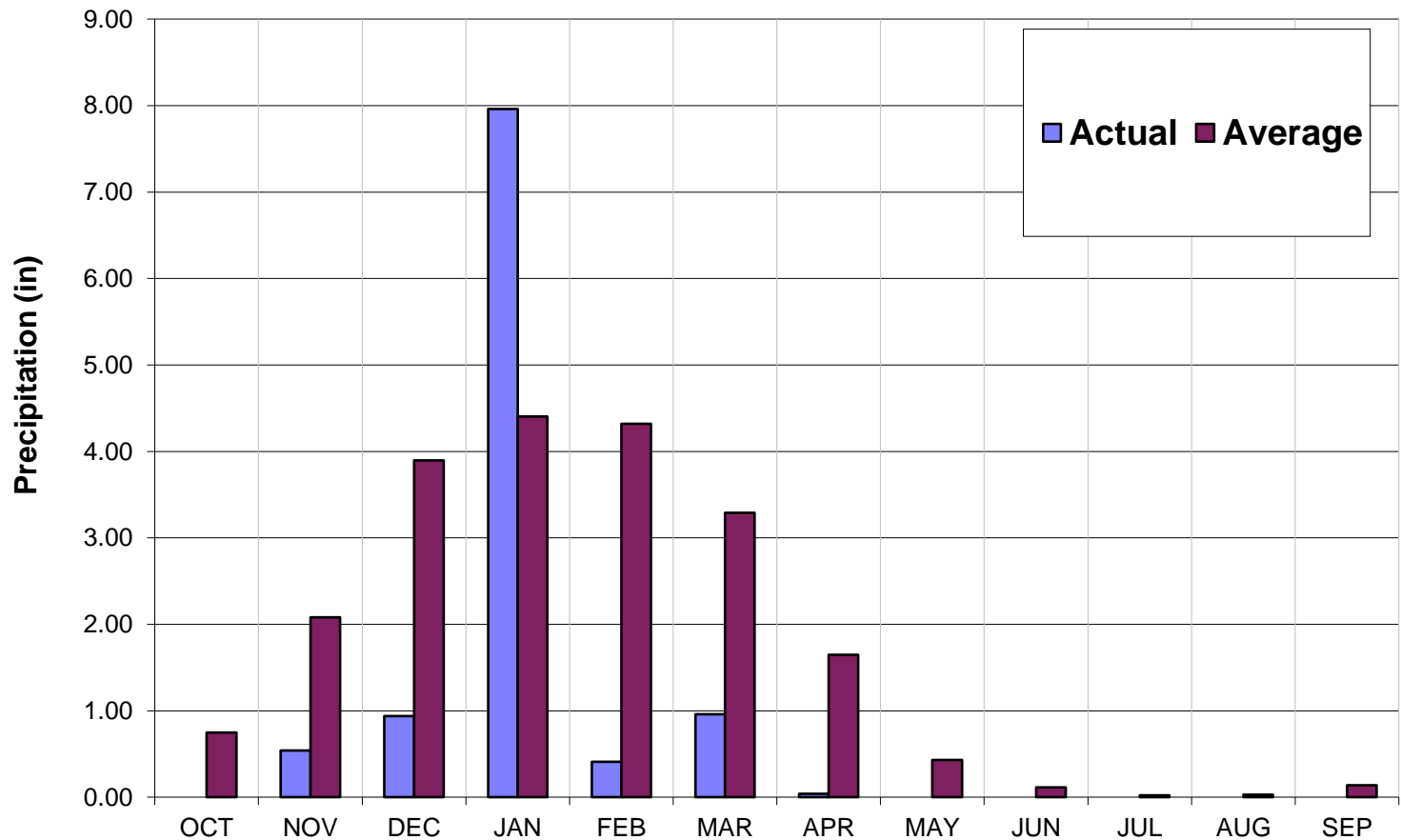
Looking Ahead: Next 3 Years

(All Values in Acre-Feet)

Source	Last Year WY 2021	Next Year WY 2022	WY 2023 and/or 2024
Carmel River	4,723	4,110	3,376
Seaside Basin	1,667	1,474	1,474
Pure Water Monterey	3,027	3,500	3,500
Sand City Desalination	147	200	200
Sub-Total Available	9,564	9,284	8,550
Total Customer Demand	9,641	9,700	9,700
Needed from ASR or Other*	77	416	1,150

Other includes Table 13, Malpasos,
additional Pure Water Monterey

Monthly Recorded Rainfall at San Clemente Rain Gage: Water Year 2021



Daily Rainfall Recorded at San Clemente Rain Gage: Water Year 2021

Monterey Peninsula Water Management District

HYPLOT V134 Output 09/20/2021

Period 1 Year 10/01/2020 to 10/01/2021

2020-21

□ SC_RAIN

San Clemente Rainfall

Rainfall (in)

1 Day Total

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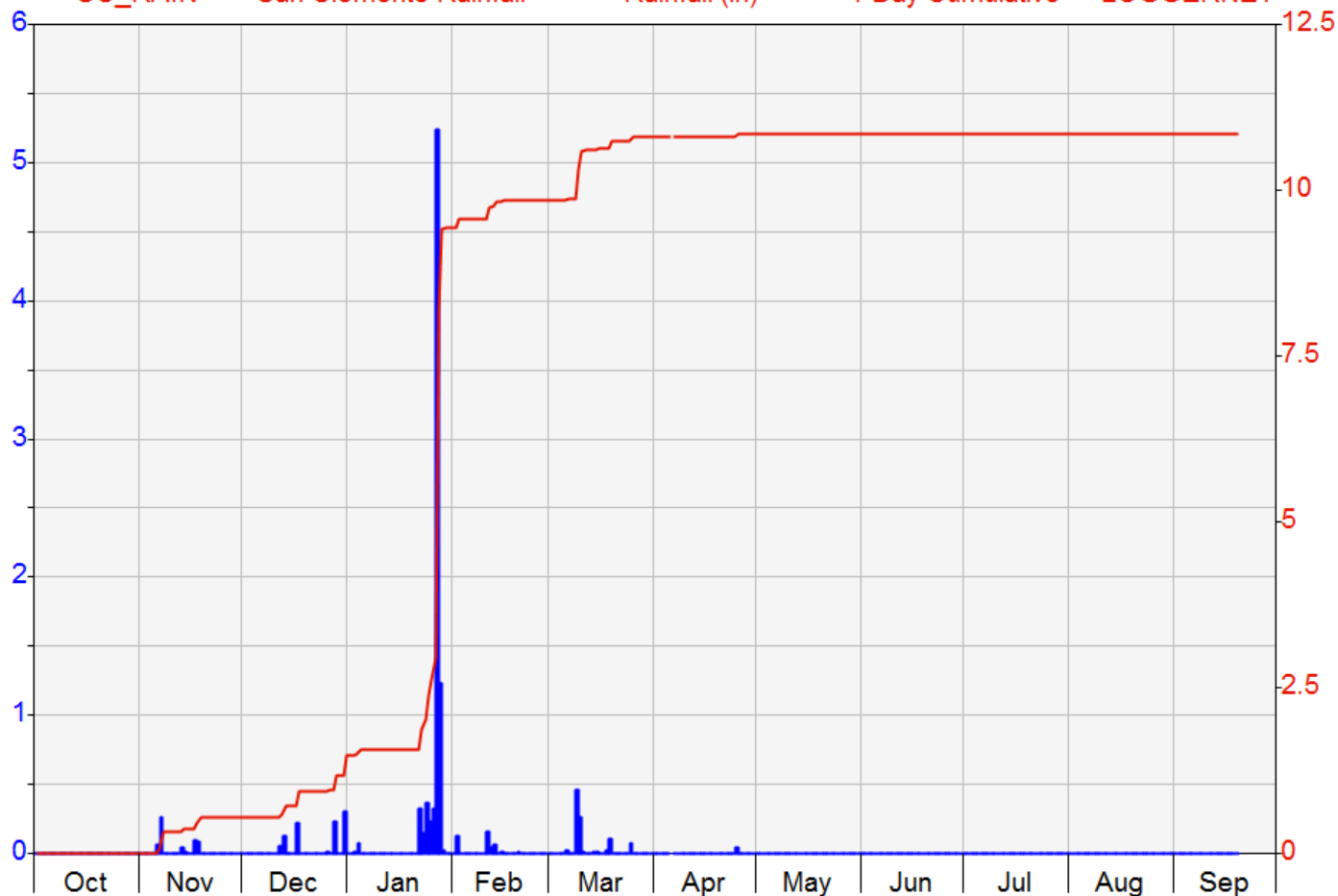
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San Clemente Rainfall

Rainfall (in)

1 Day Cumulative

LOGGERNET



Estimated Unimpaired Carmel River Flow at Sleepy Hollow Weir: Water Year 2021

