

ITEM: INFORMATIONAL ITEM/STAFF REPORT

22. MONTHLY WATER SUPPLY AND CALIFORNIA AMERICAN WATER PRODUCTION REPORT

Meeting Date:	December 16,2024	Budgeted:	N/A
From:	David J. Stoldt, General Manager	Program/ Line Item No.:	N/A
Prepared By:	Jonathan Lear	Cost Estimate:	N/A

General Counsel Review: N/A
Committee Recommendation: N/A

CEQA Compliance: Exempt from environmental review per SWRCB Order Nos. 95-10 and 2016-0016, and the Seaside Basin Groundwater Basin adjudication decision, as amended and Section 15268 of the California Environmental Quality Act (CEQA) Guidelines, as a ministerial project; Exempt from Section 15307, Actions by Regulatory Agencies for Protection of Natural Resources.

Exhibit 22-A shows the water supply status for the Monterey Peninsula Water Resources System (MPWRS) as of **December 1, 2024**. This system includes the surface water resources in the Carmel River Basin, the groundwater resources in the Carmel Valley Alluvial Aquifer and the Seaside Groundwater Basin. **Exhibit 22-A** is for Water Year (WY) 2025 and focuses on three factors: rainfall, runoff, and storage. The rainfall and Streamflow values are based on measurements in the upper Carmel River Basin at Sleepy Hollow Weir.

Water Supply Status: Rainfall through **November** 2024 totaled **2.90 inches** and brings the cumulative rainfall total for WY 2025 to **2.90 inches**, which is **103%** of the long-term average through **November**. Estimated unimpaired runoff through **November** totaled **1,013 acre-feet (AF)** and brings the cumulative runoff total for WY 2025 to **1,766 AF**, which is **75%** of the long-term average through **November**. Usable storage for the MRWPRS was **29,130 acre-feet**, which is **105%** of average through **November**, and equates to **88%** percent of system capacity.

Production Compliance: Under State Water Resources Control Board (SWRCB) Cease and Desist Order No. 2016-0016 (CDO), California American Water (Cal-Am) is allowed to produce no more than 3,376 AF of water from the Carmel River in WY 2025. Through **November**, using the CDO accounting method, Cal-Am has produced **678 AF** from the Carmel River (excluding **0 AF** of Table 13 and **0 AF** of Mal Paso.) In addition, under the Seaside Basin Decision, Cal-Am is allowed to produce 1,474 AF of water from the Coastal Subareas and 0 AF from the Laguna Seca Subarea of the Seaside Basin in WY 2024. Through **November**, Cal-Am has produced **293 AF** from the Seaside Groundwater Basin. Through **November**, **0 AF** of Carmel River Basin groundwater have been diverted for Seaside Basin injection; **0 AF** have been recovered for customer use, **0 AF** have been diverted under Table 13 water rights, and **555 AF** of Pure Water Monterey recovered. Cal-Am has 1,585 AF for customer use from all sources through **November**. **Exhibit 22-B** shows production by source. Some of the values in this report may be revised in the future as Cal-Am finalizes their production values and monitoring data.

- EXHIBITS**
- 22-A** Water Supply Status: **December 1, 2024**
 - 22-B** Monthly Cal-Am production by source: WY 2025

EXHIBIT 22-A

Monterey Peninsula Water Management District Water Supply Status December 1, 2024				
Factor	Oct – Dec 2024	Average To Date	Percent of Average	Oct – Dec 2023
Rainfall (Inches)	2.90	2.81	103%	1.72
Runoff (Acre-Feet)	1,541	1,766	87%	1,504
Storage ⁵ (Acre-Feet)	28,140	27,540	102%	30,350

Notes:

1. Rainfall and runoff estimates are based on measurements at San Clemente Dam. Annual rainfall and runoff at Sleepy Hollow Weir average 21.22 inches and 67,246 acre-feet, respectively. Annual values are based on the water year that runs from October 1 to September 30 of the following calendar year. The rainfall and runoff averages at the Sleepy Hollow Weir site are based on records for the 1922-2022 and 1902-2022 periods respectively.
2. The rainfall and runoff totals are based on measurements through the dates referenced in the table.
3. Storage estimates refer to usable storage in the Monterey Peninsula Water Resources System (MPWRS) that includes surface water in Los Padres and San Clemente Reservoirs and ground water in the Carmel Valley Alluvial Aquifer and in the Coastal Subareas of the Seaside Groundwater Basin. The storage averages are end-of-month values and are based on records for the 1989-2022 period. The storage estimates are end-of-month values for the dates referenced in the table.
4. The maximum storage capacity for the MPWRS is currently 33,130 acre-feet.

EXHIBIT 22-B

Production vs. CDO and Adjudication to Date: WY 2025

(All values in Acre-Feet)

Year-to-Date Values	MPWRS					Water Projects and Rights				Water Projects and Rights Total
	Carmel River Basin ^{2, 6}	Seaside Groundwater Basin		Ajudication Compliance	MPWRS Total	ASR Recovery	PWM Recovery	Table 13 ⁷	Sand City ³	
		Coastal	Laguna Seca							
Target	480	369	0	369	849	0	660	0	50	710
Actual ⁴	678	270	23	293	971	0	555	0	42	596
Difference	-198	99	-23	77	-121	0	105	0	8	114
WY 2024 Actual	457	492	24	516	973	0	559	0	19	579

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, 0 AF and 0 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.

Monthly Production from all Sources for Customer Service: WY 2025

(All values in Acre-Feet)

	Carmel River Basin	Table 13	Mal Paso	Seaside Basin	ASR Recovery	PWM Recovery	Sand City	Total
Oct-24	296	0	9	250	0	270	28	852
Nov-24	382	0	9	43	0	285	14	733
Dec-24								
Jan-25								
Feb-25								
Mar-25								
Apr-25								
May-25								
Jun-25								
Jul-25								
Aug-25								
Sep-25								
Total	678	0	18	293	0	555	42	1,585
WY 2024	457	0	13	516	0	559	19	1,565

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