

**SEASIDE GROUNDWATER BASIN WATERMASTER
REGULAR MEETING OF THE BOARD OF DIRECTORS**

AGENDA

**Wednesday, August 7, 2024–2:00pm
City Hall, City of Sand City
1 Pendergrass Way, Sand City, CA 93955 and
879 Mountain Trout Drive, South Lake Tahoe, CA, 96150**

To access the meeting virtually, please click on the Zoom link or copy/paste it into your browser:
<https://us02web.zoom.us/j/84182836378?pwd=1jnFrYoHsoSuD8mn8xuBEKn8p4SEoB.1>

Meeting ID: 841 8283 6378 Passcode: 572517

If your computer does not have audio, you can join the meeting via phone. To participate via phone, please call:
408 638 0968 US (San Jose) • 669 444 9171 US • 669 900 6833 US (San Jose)

If you would like to comment on any item on the Agenda or any item not on the Agenda, please submit those in writing to our office or via email at watermasterseaside@sbcglobal.net by 10 a.m. on the day before the Board meeting. All submitted written comments will be provided to the Board and you may also comment during the meeting.

Watermaster Board

Coastal Subarea Landowner – Director Paul Bruno

City of Seaside – Mayor Ian Oglesby - Chair

California American Water (CAW) – Director Tim O'Halloran

(teleconferencing from 879 Mountain Trout Drive, South Lake Tahoe, CA, 96150)

City of Sand City – Mayor Mary Ann Carbone – Vice Chair

Monterey Peninsula Water Management District (MPWMD) – Director George Riley

Laguna Seca Subarea Landowner – Director John Gaglioti

City of Monterey – Council Member Kim Barber

City of Del Rey Oaks – Council Member Kim Shirley

Monterey County/Monterey County Water Resources Agency – Supervisor Wendy Root Askew, District 4

- I. **CALL TO ORDER**
- II. **ROLL CALL**
- III. **PUBLIC COMMUNICATIONS**

Oral communications are on each meeting agenda in order to provide members of the public an opportunity to address the Watermaster on matters within its jurisdiction. Matters not appearing on the agenda will not receive action at this meeting but may be referred to the Watermaster Administrator or may be set for a future meeting. Presentations will be limited to three minutes or as otherwise established by the Watermaster. In order that the speaker may be identified in the minutes of the meeting, it is helpful if speakers state their names.

- IV. **REVIEW OF AGENDA AND ANNOUNCEMENTS**

A vote may be taken to add to the agenda an item that arose after the 72-hour posting deadline pursuant to the requirements of Government Code Section 54954.2(b). (a 2/3-majority vote is required)

- V. **ORAL PRESENTATION**

A. Pure Water Monterey Expansion Project Status – Mike McCullough, Pure Water Monterey

B. Monterey Peninsula Water Supply Project Desalination Plant – Tim O'Halloran, CAW

C. Review of 2009 Seawater Intrusion Response Plan – Robert Jaques (The plan can be viewed at <https://seasidegroundwaterbasinwatermaster.wpcomstaging.com/wp-content/uploads/2024/02/09-0222-seawater-intrusion-response-plan.pdf>)

VI.	CONSENT CALENDAR	
	A. Minutes of Regular Board meeting held July 10, 2024	3
	B. Summary of Payments made June 1 through July 31, 2024	7
	C. Fiscal Year 2024 Financial Reports through June 30, 2024	9
VII.	NEW BUSINESS	
	Membership on the Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) Monterey Subbasin Groundwater Sustainability Plan (GSP) Implementation Committee	15
VIII.	OLD BUSINESS	
	A. Consider and Provide Direction Regarding the Development of Method(s) to Obtain Replenishment Water.....	19
IX.	INFORMATIONAL REPORTS (No Action Required)	
	A. Watermaster report of Water Year 2024 Quarter 3 production of the Seaside Basin (April 1 – June 30, 2024)	41
	B. Sustainable Groundwater Management Act Monthly Updates July 2024.....	43
	C. View the latest SVBGSA newsletter for information on the recently completed Deep Aquifer Study at https://mailchi.mp/svbgsa/2024-summer-13399941?e=b549b04544	
X.	DIRECTOR REPORTS	
XI.	STAFF COMMENTS	
XII.	CLOSED SESSION	
	Conference with Legal Counsel pursuant to: Government Code, section 54956.9(d)(4): one matter	
XIII.	The Watermaster will consider a motion to adjourn to the next regular Watermaster Board meeting to be held on Wednesday, September 4, 2024 at 2:00 P.M.	

This agenda was forwarded via email to the City Clerks of Seaside, Monterey, Sand City, and Del Rey Oaks; the Clerk of the Monterey Board of Supervisors, the Clerk to the Monterey Peninsula Water Management District; the Clerk at the Monterey County Water Resources Agency, Monterey One Water, and California American Water Company for posting on or before August 1, 2024, per the Ralph M. Brown Act, Government Code Section 54954.2 (a).

**SEASIDE GROUNDWATER BASIN WATERMASTER
REGULAR MEETING MINUTES
Wednesday, July 10, 2024 Hybrid
1 Pendergrass Way, Sand City, CA 93955**

DRAFT

I. **CALL TO ORDER** – Mayor Oglesby called the meeting to order at 2:00p.m.

II. **ROLL CALL**

City of Seaside – Mayor Ian Oglesby
Coastal Subarea Landowner – Director Paul Bruno
California American Water (CAW) – Director Tom O’Halloran
Monterey Peninsula Water Management District (MPWMD) – Alternate Director Alvin Edwards
City of Monterey – Council Member Kim Barber
City of Del Rey Oaks – Council Member Kim Shirley
Monterey County/Monterey County Water Resources Agency – Supervisor Wendy Root Askew

Absent:

Laguna Seca Subarea Landowner – Director John Gaglioti
City of Sand City – Mayor Mary Ann Carbone

Others Present:

Bob Jaques, Watermaster Technical Program Manager (TPM)
Laura Paxton, Administrative Officer
Nancy Dayton, Assistant Administrative Officer
Jessica Riley, Finance Director, City of Seaside
Marc Kelly
Maureen Hamilton, MPWMD*
AikoYamakawa, CAW*
Remleh Scherzinger, General Manager, Marina Coast Water District*
An asterisk (*) signifies virtual attendance.

III. **PUBLIC COMMUNICATIONS** – There were no public communications.

IV. **REVIEW OF AGENDA and ANNOUNCEMENTS**

- A. Director Gaglioti remains on the Board as the Laguna Seca Subarea Landowner representative.
- B. Eric Tynan has joined the Technical Advisory Committee.
- C. A corrected production report through the second quarter of the Water Year was provided to replace page 25 in the Agenda Packet.
- D. Administrative Officer Laura Paxton introduced Assistant Administrative Officer Nancy Dayton, who subcontracts for Ms. Paxton under her business, Paxton Associates, to establish redundancy in handling the administrative side of Watermaster. Nancy has been instrumental in the design and the launch yesterday of the newly crafted Watermaster website. Comments regarding the newly designed site at seasidebasinwatermaster.org were encouraged.

V. **ORAL PRESENTATION—None**

VI. CONSENT CALENDAR

- A. Minutes of Regular Board meeting held February 7, 2024
- B. Summary of Payments made January 1 through May 31, 2024
- C. Fiscal Year 2023 Financial Reports through May 31, 2024

Director Shirley requested updates regarding the status of the Pure Water Monterey Expansion Project and the Monterey Peninsula Water Supply Project Desalination Plant.

It was moved by Director Shirley, seconded by Director Askew, and unanimously carried 7-0 to approve Consent Calendar items as presented.

VII. NEW BUSINESS

- A. Consider actions regarding induction logging findings on Sentinel Well No. 4
Technical Program Manager Bob Jaques gave highlights of his transmittal. The TAC met yesterday and recommended approval of the recommendations. Director Bruno offered the Calabrese well for chloride readings as it is located roughly between Sentinel Wells 3 & 4; TPM Jaques will research cost/benefit of adding that data point. Electromagnetic imaging as proposed is estimated to cost \$15,000. Director Askew requested staff present a review of the 2009 Seawater Intrusion Response Plan at a future meeting with recommended updates. Errata in the item transmittal: Recommendation (1) should read 2024-02, not 2024-22

It was moved by Director Shirley, seconded by Director Askew, and unanimously carried 7-0 to approve the two recommendations from the TPM's report: (1) approve the MPWMD SOW 2024-02 and (2) to include updating the Seawater Intrusion Response Plan (SIRP) and performing a pilot test of land-based electromagnetic imaging in the 2025 Monitoring and Management Program.

- B. Coordination with Salinas Valley Basin and Marina Coast Water District Groundwater Sustainability Agencies (GSAs)
TPM Bob Jaques gave highlights of his transmittal.

It was moved by Director Askew, seconded by Director Barber, and unanimously carried 7-0 to direct staff to invite the Salinas Valley Basin and Marina Coast Water District Groundwater Sustainability Agencies (GSAs) to make a presentation at a Watermaster Board meeting on how they are interfacing and coordinating with the Watermaster on issues of mutual interest and concern.

VIII. OLD BUSINESS—None

IX. INFORMATIONAL REPORTS (No Action Required)

- A. Watermaster report of Water Year 2024 Quarter 2 production of the Seaside Basin (October 1, 2023 – March 31, 2024)
- B. Sustainable Groundwater Management Act Monthly Updates February 2024 – June 2024
- C. Subpoena of Deposition served on Laura Paxton

X. DIRECTOR REPORTS

Board Chair Oglesby on behalf of the board expressed his gratitude to Mayor Carbone and the City of Sand City for allowing the Watermaster Board to meet at the City Hall facility.

XI. STAFF COMMENTS

Administrative Officer Laura Paxton reported that City of Seaside Finance Officer Victor Damiani has left his position. He was the Watermaster Budget and Finance Committee Chair. Jessica Riley is the interim finance director and it is planned to contact her to see if she is willing to chair the committee. Once a chair is determined, there will be a Budget and Finance Committee meeting scheduled in August or September to consider the 2025 budgets, unit cost of replenishment water, replenishment fee methodology if developed enough, and any adjustments that may be needed in the 2024 budgets.

XII. CLOSED SESSION

The board convened in closed session at 2:32 p.m. The Board reconvened in open session at 3:46 p.m. Legal Counsel announced that in the closed session the Board took up and discussed one of the items listed and no reportable action was taken; there was nothing to report to the board on the other listed closed session item.

XIII. ADJOURNMENT – There being no further business, the meeting was adjourned at 3:48 p.m. to a regular Board meeting to be held Wednesday, August 7, 2024 – 2:00 p.m. in the City of Sand City Council Chambers, in person and remote.

Respectfully submitted by Laura Paxton, Board Secretary

SEASIDE GROUNDWATER BASIN WATERMASTER

**ITEM VI. B.
8/7/2024**

TO:	Board of Directors					
FROM:	Laura Paxton, AO					
DATE:	August 4, 2024					
SUBJECT:	Summary of Payments Made for Services in June and July 2024					

RECOMMENDATIONS:

Consider approving bill payments submitted and authorized to be paid June and July 2024

Summary of Payments Made in June 2024

Robert Jaques (Technical Program Manager)

May 1 through May 31, 2024 32 @175 \$ 5,600.00

Reviewed draft Strategic Planning Session agenda from L. Paxton; reviewed low-flow sampling methodology and

Total Robert Jaques \$ 5,600.00

Paxton Associates (Administrative Officer (AO))

Invoice No. 1609—April 26, 2023 through May 25, 2024 59.5 @125 \$ 7,437.50

Conferred with B. Jacques re: WM issues; backed up drive; S. Damon call re: MCWD/ASR 1 injection/City of Monterey; succession training w/ N. Dayton; invoicing for 2024 Admin and Ops; assessment/reconcile to SS through 2023, determined fund balances carryover amounts, distributed to all via email and hard copies; 5/3 file transfers to N. Dayton; photoshopped headshot for T. O'Halloran for website; Chaoyito call to cancel meetings held at M1W; SNG/Lear reporting follow-up; deposition prep; deposited capital fund revenues at City of Seaside; responded to telephone inquiries, e-mails, and other correspondence as needed regarding the Seaside Basin; routinely picked up mail from PO Box; processed invoices/sent to Seaside; notice/collect/post production; prepared financial reports; processed invoices; website development and construction; web hosting consultation; reviewed and posted items to website

Total Paxton Associates \$ 7,437.50

Todd Groundwater (Modeling Peer Review)

April 1 through April 30, 2024

Principal Hydrogologist	0	@265	
Senior Hydrologist	0.25	@260	\$ 65.00
Administration	0.25	@140	\$ 35.00

Geophysical information and reference for B. Jacques; reviewed and edited meeting minutes; completed administrative

Total Todd Groundwater \$ 100.00

Grand Total June 2024 \$ 13,137.50

Summary of Payments Made in July 2024

Robert Jaques (Technical Program Manager)

June 1 through June 30, 2024 40 @175 \$ 7,000.00

Reviewed proposal from Geophysical Imaging Partners and Provide them with feedback; researched M. Feeney addendum re FO-10 and sent to L. Paxton per request of MCWD; worked on Scope of Work for MPWMD for additional 2024 work; telecon w/ M. Feeney re: well issues; started work on 2025 M&MP; discussed WM issues w. L. Paxton; researched and responded to G. Riley request for data and maps on groundwater flows; telecon s w/ L. Paxton and G. King re: WM issues

Total Robert Jaques \$ 7,000.00

Paxton Associates (Administrative Officer (AO))			
Invoice No. 1614—May 26, 2023 through June 25, 2024	67.5	@125	\$ 8,437.50
Collected 2006-2020 TAC packets for website posting; emailed Board members re: 7/10 board meeting; began composing 7/10 meeting agenda; drafted 2/7 Board meeting minutes and sent to B. Jaques and legal counsel; prepared for and provided deposition; posted invoices to Quickbooks; conferred with Hughes and Dominguez on deposition; conferred with B. Jaques re: WM issues; covered SVBGSA TAC Zoom meeting for B. Jaques; summary of payments; Stephanie MPWMD DRO landscape watering inquiry; bees in MMP well call/message to Willia Baker Hix; O'Halloran request for total over-production; reviewed MOU for CAW repayment and determined total over-production to date; call and email w/ J. Gaglioti an Eric Tynan re: service on Board and TAC; considered upgrading Zoom account for webinars—too expensive; reviewed two new CAW well applications from County Health; processed OPS fund payment from DBO; responded to O'Halloran replenishment data request; Sand City facility—initial visit and setup rehearsal; bees call with B. Jaques; began Jan-May 2024 financial reports; deposit capital fund revenues at City of Seaside; responded to telephone inquiries, e-mails, and other correspondence as needed regarding the Seaside Basin; routinely picked up mail from PO Box; processed invoices/sent to Seaside; notice/collect/post production; prepared financial reports; processed invoices; website development and construction; web hosting consultation; reviewed and posted items to website			
Total Paxton Associates			\$ 8,437.50
Klein DeNatale Goldner			
<u>Administrative services</u>			
INV 1226934 through May 31, 2024			
Deposition prep for L. Paxton; SNG Matter	1.5	@ 300	\$ 450.00
INV 1228727 through June 19, 2024,2024			
Deposition prep, document prep, and appearance with L. Paxton	4.2	@375	\$ 1,575.00
	4.8	@300	\$ 1,440.00
Total Klein DeNatale Goldner			\$ 3,465.00
Montgomery & Associates			
<u>April 1 through May 31, 2024</u>			
	Hours	Rate	
RFS 2024-01 (General Hydrologic Consulting)	3.5	\$235/hr	\$ 822.50
	18	\$211/hr	\$ 3,798.00
Review SIRP and prepare for meeting w/ B. Jaques; GIS and lithology data for coordination w/ Salinas Valley SWI model update team; represent Seawater Watermaster at Seaside/SV SWI Model Coordination meeting; conduct call w/ B. Jaques on SIRP updates; coordinate in Salinas SWI Model Update; compile Pure Water Monterey and other Seaside well completion reports; review groundwater divide data sets; develop approach for comparison of modeling water budgets and data sets for water level contour comparisons; respond to questions from SVGSA SWI modelers re: Seaside model setup and approach for comparing water budgets between models.			
Total Montgomery Associates			\$ 4,620.50
Grand Total July 2024			\$ 23,523.00

**Seaside Groundwater Basin Watermaster
Budget vs. Actual Administrative Fund
Fiscal Year (January 1 - December 31, 2024)
Balance through June 30, 2024**

	2024 Adopted Budget	Contract Amount	Year to Date Revenue / Expenses
Available Balances & Assessments			
Other Assessments	-		
FY (Rollover)	23,500.00		50,000.00
Admin Assessments	70,000.00		58,208.00
Replenishment Assessments	20,000.00		-
Available	113,500.00		108,208.00
Expenses			
Contract Staff	63,500.00	63,500.00	35,699.66
Legal Counsel		25,000.00 *	
General	10,000.00		8,586.96
Replenishment	15,000.00		2,850.00
			11,436.96
Filing fees and postage			-
Total Expenses	88,500.00	88,500.00	47,136.62
Total Available	25,000.00		
Dedicated Reserve	25,000.00		-
Net Available	-		61,071.38

* \$15,000 of the contracted amount is an approximation of expenditures related to the Replenishment Fund

Seaside Groundwater Basin Watermaster
Budget vs. Actual Monitoring & Management - Operations Fund
 Fiscal Year (January 1 - December 31, 2024)
 Balance through June 30, 2024

	2024 Adopted Budget	Contract Encumbrance	Year to Date Revenue/Expenses
Available Balances & Assessments			
Operations Fund Assessment	\$ 160,500.00	\$ -	\$ 147,499.50
Pass Through		-	-
FY 2022 Rollover (estimated)	133,281.00	-	133,281.00
Total Available	\$ 293,781.00	\$ -	\$ 280,780.50
Appropriations & Expenses			
GENERAL			
Technical Project Manager*	\$ 75,000.00	\$ 75,000.00	\$ 35,262.50
Contingency @ 10% (not including TPM)	28,537.00	-	
Total General	\$ 103,537.00	\$ 75,000.00	\$ 35,262.50
CONSULTANTS (Montgomery; Web Site Database)			
Program Administration	\$ 18,070.00	\$ 21,670.00	\$ 6,843.00
Production/Lvl/Qlty Monitoring	3,600.00		
Basin Management	46,000.00		
Seawater Intrusion Analysis Report	28,020.00	28,020.00	-
Total Consultants	\$ 95,690.00	\$ 49,690.00	\$ 6,843.00
MPWMD			
Production/Lvl/Qlty Monitoring	\$ 65,426.00	77,525.00	-
Pass Through 2024	21,128.00	-	-
Basin Management	-	-	-
Seawater Intrusion	-	-	-
Direct Costs	-	-	-
Total MPWMD	\$ 86,554.00	\$ 77,525.00	\$ -
CONTRACTOR (Martin Feeney)			
Hydrogeologic Consulting Services	\$ 4,000.00	4,000.00	-
Production/Lvl/Qlty Monitoring		-	-
	\$ 4,000.00	\$ 4,000.00	\$ -
CONTRACTOR (Todd Groundwater)			
Hydrogeologic Consulting Services	\$ 4,000.00	\$ 4,000.00	1,710.00
Total Appropriations & Expenses	\$ 293,781.00	\$ 210,215.00	\$ 43,815.50
Total Available	-		236,965.00

**Seaside Groundwater Basin Watermaster
Budget vs. Actual Monitoring and Management - Capital Fund
Fiscal Year (January 1 - December 31, 2024)
Balance through June 30, 2024**

	2023 Adopted Budget December 7, 2022	Contract Encumbrance	Year to Date Revenue / Expense
Available Balances and Assessments:			
Monitoring & Management Fund - Capital	\$ 240,000.00		\$ 48,902.08
FY 2022 carryover	66,666.99		66,666.99
Cost share from MPWMD & MCWD	-		130,938.12
Subtotal	<u>306,666.99</u>		<u>246,507.19</u>
Appropriations & Expenses:			
Professional Services			
Project Management	-	\$ 23,600.00 *	14,612.27
Subtotal	<u>-</u>	<u>23,600.00</u>	<u>14,612.27</u>
Direct Costs			
Well Drilling -	240,000.00 **	258,197.00	213,106.20
Subtotal	<u>240,000.00</u>	<u>258,197.00</u>	<u>213,106.20</u>
Total Appropriations and Expenses	<u>240,000.00</u>	<u>\$281,797.00</u>	<u>227,718.47</u>
Total Available	<u><u>\$ 66,666.99</u></u>		<u><u>\$ 18,788.72</u></u>

* RFS 2022-05 for \$23,600 covers design and planning for the new well and is funded by the 2022 \$66,667 carryover amount

**RFS 2023-03 for \$258,197 is for actual construction of the well. Costs increased between adoption of the budget and letting of the RFS with Montgomery and Associates. Watermaster will share the \$258,197 well construction expenses with MCWD & MPWMD - agreement executed September 2023. Capital Fund Assessments were levied on Watermaster Standard Producers, payment due to Watermaster December 15, 2023.

Replenishment Fund	Seaside Groundwater Basin Watermaster												VLC
	Replenishment Fund												
Assessment Water Year	Water Year 2024 (October 1 - September 30) / Fiscal Year (January 1 - December 31, 2024)												8/7/24
	Balance through June 30, 2024												
Unit Cost:	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		
a	WY 05/06	WY 06/07	WY 07/08	WY 08/09	WY 09/10	WY 10/11	WY 11/12	WY 12/13	WY 13/14	WY 14/15	WY 15/16		
	\$1,132 / \$283	\$1,132 / \$283	\$2,485 / \$21,25	\$3,040 / \$760	\$2,780 / \$695	\$2,780 / \$695	\$2,780 / \$695	\$2,780 / \$695	\$2,702 / \$675.50	\$2,702 / \$675.50	\$2,702 / \$675.50		
b		\$ 1,641,004	\$ 4,226,710	\$ (2,871,690)	\$ (2,839,939)	\$ (3,822,219)	\$ (6,060,164)	\$ (8,735,671)	\$ (6,173,771)	\$ (3,102,221)	\$ (676,704)		
c		\$ 3,710.00	\$ 4,059.90	\$ 3,862.90	\$ 2,966.02	\$ 3,416.04	\$ 3,070.90	\$ 3,076.61	\$ 3,232.10	\$ 2,764.73	\$ 1,879.21		
d		\$ 1,662.69	\$ 2,666.32	\$ 2,092.16	\$ 1,479.47	\$ 1,446.71	\$ 820.48	\$ 886.42	\$ 1,032.77	\$ 782.17			
e		\$ 2,106,652	\$ 2,585,471	\$ 5,199,014	\$ 3,773,464	\$ 3,187,854	\$ 2,280,943	\$ 2,380,842	\$ 2,790,539	\$ 2,113,414			
f		\$ 20,235	\$ 9,511	\$ 9,511	\$ -	\$ -	\$ 154,963	\$ 181,057	\$ 281,012	\$ 312,103			
g		\$ 2,106,652	\$ 2,585,706	\$ 5,207,525	\$ 3,773,464	\$ 3,187,854	\$ 2,435,907	\$ 2,561,899	\$ 3,071,550	\$ 2,425,516			
h		\$ (465,648)	\$ -	\$ (12,305,924)	\$ (3,741,714)	\$ (5,425,799)	\$ (5,111,413)						
i		\$ 1,641,004	\$ 4,226,710	\$ (2,871,690)	\$ (2,839,939)	\$ (6,060,164)	\$ (8,735,671)	\$ (6,173,771)	\$ (3,102,221)	\$ (676,704)			
j		\$ -	\$ 243,294	\$ 426,165	\$ 1,024,272	\$ 1,619,973	\$ (110,014)	\$ (773,813)	\$ (1,575,876)	\$ (2,889,325)	\$ (3,346,548)		
k		\$ 332.00	\$ 287.70	\$ 294.20	\$ 293.44	\$ 282.87	\$ 233.72	\$ 257.73	\$ 223.64	\$ 185.01	\$ 195.16		
l		\$ 194.07	\$ 153.78	\$ 161.99	\$ 153.06	\$ 113.21	\$ 58.82	\$ 85.17	\$ 52.71	\$ 25.77	\$ 37.87		
m		\$ 219,689	\$ 174,082	\$ 402,540	\$ 465,300	\$ 314,721	\$ 163,509	\$ 236,782	\$ 142,410	\$ 69,630	\$ 102,330		
n		\$ 12,622	\$ 85	\$ 4,225	\$ 16,522	\$ 20,690	\$ 1,689	\$ 27,007	\$ 3,222	\$ 38	\$ 11,959		
o		\$ 232,310	\$ 174,167	\$ 406,764	\$ 481,823	\$ 335,412	\$ 165,198	\$ 263,788	\$ 145,631	\$ 69,667	\$ 114,290		
p		\$ -	\$ -	\$ 131,705	\$ 69,701	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
q		\$ -	\$ -	\$ 32,926	\$ 17,427	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
r		\$ -	\$ -	\$ 164,631	\$ 87,128	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
s		\$ 232,310	\$ 174,167	\$ 571,395	\$ 568,951	\$ 335,412	\$ 165,198	\$ 263,788	\$ 145,631	\$ 69,667	\$ 114,290		
t		\$ 10,984	\$ 8,704	\$ 26,712	\$ 26,750	\$ 15,737	\$ -	\$ -	\$ -	\$ -	\$ -		
u		\$ 243,294	\$ 426,165	\$ 1,024,272	\$ 1,619,973	\$ 891,509	\$ (828,996)	\$ (1,065,852)	\$ (1,459,080)	\$ (326,890)	\$ (162)		
v		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
w		\$ -	\$ -	\$ 20.80	\$ 26.40	\$ 12.80	\$ 27.00	\$ 24.95	\$ 24.89	\$ 17.97	\$ 13.67		
x		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
y		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
z		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
aa		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
bb		\$ 1,884,298	\$ 4,652,874	\$ (1,847,417)	\$ (1,219,966)	\$ (6,170,178)	\$ (9,509,483)	\$ (7,749,648)	\$ (5,991,546)	\$ (4,023,252)	\$ (3,909,125)		
cc		\$ -	\$ 1,884,298	\$ 4,652,874	\$ (1,847,417)	\$ (1,219,966)	\$ (6,170,178)	\$ (9,509,483)	\$ (7,749,648)	\$ (5,991,546)	\$ (4,023,252)		
dd		\$ 2,349,946	\$ 2,768,576	\$ 5,805,632	\$ 4,369,165	\$ 3,329,189	\$ 2,601,104	\$ 2,825,688	\$ 3,217,182	\$ 2,495,183	\$ 114,290		
ee		\$ (465,648)	\$ -	\$ (12,305,924)	\$ (3,741,714)	\$ (6,174,826)	\$ (5,940,409)	\$ (1,065,852)	\$ (1,459,080)	\$ (526,890)	\$ (162)		
ff		\$ 1,884,298	\$ 4,652,874	\$ (1,847,417)	\$ (1,219,966)	\$ (6,170,178)	\$ (9,509,483)	\$ (7,749,648)	\$ (5,991,546)	\$ (4,023,252)	\$ (3,909,125)		
g		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
h		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
i		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
j		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
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SEASIDE GROUNDWATER BASIN
WATERMASTER

TO: Board of Directors

FROM: Robert S. Jaques, Technical Program Manager

DATE: August 7, 2024

SUBJECT: Membership on the Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) Monterey Subbasin Groundwater Sustainability Plan (GSP) Implementation Committee

RECOMMENDATIONS:

Direct staff to apply for the Watermaster to become a member of the Monterey Subbasin Groundwater Sustainability Plan Implementation Committee, and for the Board Chair to submit a letter on behalf of the Board in support of the application.

BACKGROUND:

The SVBGSA consists of a number of subbasins, one of which is the Seaside Subbasin. Because the Seaside Subbasin is adjudicated, it is not required to prepare a GSP, and it is not located within the jurisdictional boundary of the SVBGSA. When the GSP for the Monterey Subbasin (see attached map showing the locations of the various subbasins within the Salinas Valley Basin) was being developed, I served on the committee providing direction and input to the SVBGSA's consultants that were preparing the GSP. Once the GSP was completed and filed with the Department of Water Resources, the SVBGSA formed a new committee to guide the implementation of the GSP. The same has been done for the other Salinas Valley Basin subbasins. The SVBGSA's website states that the purpose of these implementation committees is to:

- Advise and provide recommendations on the implementation of the Subbasin GSPs, and to
- Review the sustainability status of the Subbasin and ensure the Subbasin is on a path to sustainability.

The website further lists the duties of the members of these committees as:

- Monitoring subbasin sustainability criteria
- Prioritizing subbasin specific projects and management actions, and
- Seeking community input and identifying preferred funding mechanisms.

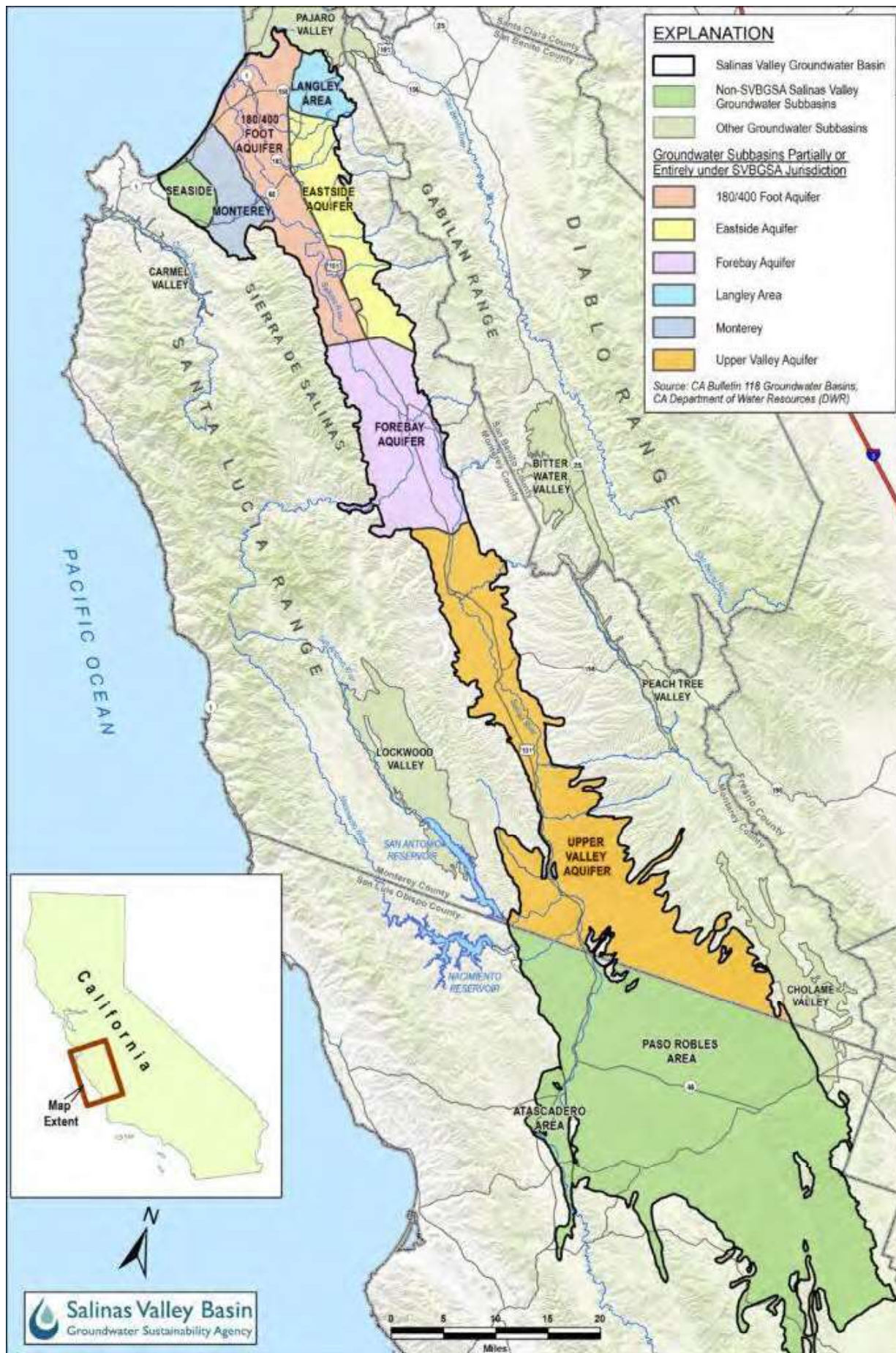
The website also states that members of the implementation committees must be interested stakeholders who live or work in the Subbasin and have demonstrated effective collaboration and leadership working on water related topics.

DISCUSSION

When the Monterey Subbasin Implementation Committee was being formed approximately two years ago, I asked for the Watermaster to be a member. I was told that the Watermaster did not meet the membership requirements, so my request was rejected. The SVBGSA is now seeking applicants to fill out the membership on these committees following the end of the first two-year terms of the current members.

In order for the Watermaster to stay abreast of the implementation of the Monterey Subbasin GSP, I have been attending the meetings of this Committee since its inception, but only as an attendee, not as a member. Because of the close interaction needed for proper groundwater management between the Seaside and Monterey Subbasins, I believe it would be beneficial for the Watermaster to be a member of the Monterey Subbasin GSP Implementation Committee. The decisions made by, and the direction provided by, that Committee can have direct impacts on groundwater issues within the Seaside Subbasin. Given this need for close coordination between these two adjacent subbasins, it does not seem reasonable to limit membership on this committee to only parties that live or work within the Monterey Subbasin. Therefore, I ask for Board direction for me to apply for the Watermaster to become a member of this Committee, and for a letter to be sent from the Board, along with the application, urging the SVBGSA to make an exception to its membership requirements by including the Watermaster as a member of this Committee.

Attachment: SVBGSA subbasin map



Seaside Groundwater Basin Watermaster Fee Authority Methodologies



Existing Fee Authority in the Decision

- 1) Budget Assessments
 - a) Monitoring and Management Plan Budget
 - b) Administrative Budget
 - c) Replenishment Budget

Existing Fee Authority, Cont.

- 2) Replenishment Assessments
 - a) Exceeding Natural Safe Yield
 - Can accumulate over multiple years
 - Can only be used to import water
 - b) Exceeding Operating Safe Yield
 - Can only be used to “engage in or contract for Replenishment of the Operating Yield Over-Production occurring the Preceding Water Year as expeditiously as possible”



Issue

- The existing fee authority set forth in the Decision has fulfilled its purpose of reducing total annual production from the Basin to an amount of natural annual recharge.
- But this existing authority does not provide the Watermaster with sufficient revenue to address other Basin issues, like seawater intrusion.
- ***What are other fee authorities that the Watermaster can pursue to address these other Basin issues?***

WHAT ARE OTHER BASINS DOING?



Beaumont Basin

- 1) Annual Replenishment Assessment
 - Purchase replenishment water to replace overproduction

- 2) Annual Administrative Assessment
 - Cover the expenses of “administration of the Physical Solution”
 - General Watermaster Administration (e.g., “office rent, labor, supplies, office equipment, incidental expenses and general overhead”)
 - **Special Project Expenses** (e.g., “special engineering, economic or other studies, litigation expenses, meter testing or other major operating expenses. . . .”)



Main San Gabriel Basin

“This Judgment. . . grants Watermaster *the flexibility and discretion necessary to purchase and pre-purchase Supplemental Water and levy assessments* in an appropriate and equitable manner and amount to maximize the opportunities to secure necessary Supplemental Waters in the best interest of the parties and the long-term sustainability of the Basin.”



Main San Gabriel Basin, Cont.

- Authorized assessments:
 - Watermaster Administrative Costs
 - Replacement Water Costs
 - Make-Up Obligation
 - In Lieu Water Cost
 - **Basin Water Quality Improvement**
 - Export and Storage
 - Water Resource Development Assessment



Santa Paula Basin

- Managed by a Technical Advisory Committee consisting of United Water Conservation District, the City of San Buenaventura, and the ***Santa Paula Basin Pumpers Association, Inc.***
- The Association:
 - Formed as a Mutual Benefit Nonprofit Corporation
 - Treated as a party to the judgment, and given position on Technical Advisory Committee
 - Purpose is to “preserve, administer and promote the common business interest its members have in the stipulated judgment to be entered. . . .” (members include those persons and/or entities who own a beneficial interest in a pumping allocation, as set forth in the judgment (i.e., “Intervenors” in the adjudication))
- Authority to issue assessments. as determined by the Association’s Board of Directors

WHAT ARE THE OPTIONS?



Options for Additional Fee Authority

- 1) Amend the Decision
- 2) MOU Among the Parties
- 3) Action by the Monterey Peninsula Water Management District



1) Amend the Decision



About

- Amend the Decision to revise the Watermaster’s fee authority (i.e., obtain the authority seen in other groundwater basin judgments)
- The Decision authorizes the Court to “modify, amend or amplify any of the provisions of [the] Decision upon noticed motion to all parties”

Results

Three Types of Assessments:

- 1) Budget Assessments
- 2) Replenishment Assessments
- 3) Special Assessments



2) MOU Among the Parties



About

- Develop a Memorandum of Understanding (MOU) among the parties for a limited purpose, such as:
 - Designating and directing the Watermaster (or other entity) to apply for grant funding for special projects (e.g., saltwater intrusion)
 - Establishing a “cash call” funding system in which the parties voluntarily contribute funds for special projects

Results

Two Types of Revenue:

- 1) Assessments
 - a) Budget Assessments
 - b) Replenishment Assessments
- 2) “Cash Call” and/or Grant Funding via MOU



3) Action by MPWMD



About

- Request that MPWMD (1) form a “zone” overlying the Basin; and (2) levy a groundwater extraction fee within that “zone”
- MPWMD has the power to establish zone(s) within its boundaries in which it can levy groundwater charge(s). (Wat. Code, § App. § 118-344.)

About

- MPWMD groundwater charges:
 - Must be used in furtherance of MPWMD’s activities for “the protection and augmentation of the water supplies for users within a zone or zones. . . which are necessary for the public health, welfare, and safety of the people of this state.” (Wat. Code, § App. § 118-345)
 - May be levied upon “the production of ground water from all water-producing facilities, whether public or private, within such zone or zones. . . for the benefit of all who rely directly or indirectly upon the ground water supplies of such zone or zones and water imported into such zone or zones.” (*Ibid.*)
- “Nothing in this law shall be construed to allow [MPWMD] to levy or collect any charge against any land overlying a ground water basin for the production of water naturally occurring in the ground water basin for use on his or her overlying land.” (Wat. Code, § App. § 118-343.5.)

Results

Two Types of Revenue:

- 1) Assessments
 - a) Budget Assessments
 - b) Replenishment Assessments
- 2) Groundwater Extraction Fee by MPWMD

SEASIDE GROUNDWATER BASIN WATERMASTER

Reported Quarterly and Annual Water Production From the Seaside Groundwater Basin
For All Producers Included in the Seaside Basin Adjudication -- Water Year 2024

(All Values in Acre/feet [AF])

Type	Oct	Nov	Dec	Oct-Dec	Jan	Feb	Mar	Jan-Mar	Apr	May	Jun	Apr-Jun	Jul	Aug	Sep	Jul-Sep	Reported Total	Yield Allocation	from WY 2023	for WY 2024
Coastal Subareas																				
CAW - Coastal Subareas	586.52	463.84	422.73	1,473.09	13.56	0.00	0.00	13.56	0.00	55.55	1.87	57.42	0.00	0.00	0.00	0.00	(0.154,13)	1,466.03	759.43	2,225.46
Lauren	46.27	50.24	52.84	149.35	13.56	0.00	0.00	13.56	0.00	55.55	1.87	57.42	0.00	0.00	0.00	0.00	220.33			
Ond Grove	129.21	126.13	127.82	383.16	46.36	126.05	136.00	308.42	131.59	174.68	30.08	296.34	0.00	0.00	0.00	0.00	987.92			
Paralia	173.67	140.09	132.23	445.99	107.38	98.65	104.25	310.28	142.43	175.96	106.12	424.51	0.00	0.00	0.00	0.00	1,180.78			
Playa	42.56	29.37	0.75	72.68	11.29	37.66	10.45	59.40	0.00	5.34	0.00	5.34	0.00	0.00	0.00	0.00	137.42			
Plumas	23.54	13.55	0.00	39.10	6.96	25.98	6.95	39.90	0.00	9.35	0.00	9.35	0.00	0.00	0.00	0.00	88.35			
Santa Margarita	169.27	104.45	109.09	382.81	109.71	125.66	98.68	334.05	95.65	140.91	97.94	334.50	0.00	0.00	0.00	0.00	1,051.36			
ASR Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
PWM Recovery	(254.47)	(304.91)	(392.62)	(952.00)	(269.57)	(380.44)	(324.46)	(974.48)	(339.41)	(300.00)	(61.33)	(700.75)	0.00	0.00	0.00	0.00	(2,627.22)			
Seaside Municipal	16.88	12.91	11.01	40.81	11.40	11.67	13.12	36.19	13.56	16.47	15.47	45.90	0.00	0.00	0.00	0.00	122.90	120.28	31.15	151.43
Inlet Extraction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Granite Rock Company	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.35	267.49	278.84
DRO Development No. 30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.59	477.26	497.85
Calahrese (Cypress Pacific Inv.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.76	14.87	17.63
City of Seaside (Golf Courses)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	540.00	9.00	549.00
Sand City	0.07	0.07	0.07	0.21	0.00	0.00	0.03	0.04	0.06	0.09	0.09	0.24	0.00	0.00	0.00	0.00	0.49	9.00	9.00	9.00
SNG (Security National Guaranty)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	0.00	90.00
MLDC (Mountain Lake Dev. Corp.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.00	0.00	59.00
Calahrese (Cypress Pacific Inv.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	6.00
Mission Memorial (Alderwoods)	4.22	2.93	2.54	9.69	1.07	1.16	1.77	4.00	2.84	3.51	2.98	9.33	0.00	0.00	0.00	0.00	23.02	31.00	1,550.20	3,006.21
Coastal Subareas Totals				571.79	(934.25)			(934.25)	-645.27			-445.42				0.00	(1,007.73)	2,356.01	1,550.20	3,906.21
Laguna Sea Subarea																				
CAW - Laguna Sea Subarea	12.84	11.46	9.93	34.23	8.24	7.73	8.65	24.62	8.40	10.97	13.57	32.94	0.00	0.00	0.00	0.00	91.79	0.00	0.00	0.00
Ryan Ranch Unit	(62124)	Ryan Ranch Wells #7, #8, and #11 physically disconnected from the distribution system.																		
Hidden Hills Unit/Bay Ridge	12.84	11.46	9.93	34.23	8.24	7.73	8.65	24.62	8.40	10.97	13.57	32.94	0.00	0.00	0.00	0.00	91.79	0.00	0.00	0.00
Bishop Unit 3	(62727)	Bishop Wells #1 and #3 physically disconnected from the distribution system.																		
Bishop Unit 1	The Monterey Main to Ryan Ranch & Bishop Units was opened on 12/08/20																			
The Club at Pasadena	6.00	8.00	5.00	19.00	0.00	0.00	0.00	0.00	19.00	30.00	34.00	83.00	0.00	0.00	0.00	0.00	102.00	251.00	0.00	251.00
Laguna Sea Golf Resort (Bishop)	20.66	3.29	1.54	25.49	0.00	0.00	0.00	0.00	21.27	26.26	31.30	78.84	0.00	0.00	0.00	0.00	104.32	320.00	0.00	320.00
York School	2.25	0.16	0.47	2.88	0.01	0.02	0.41	0.44	0.92	0.93	1.03	2.87	0.00	0.00	0.00	0.00	6.19	32.00	0.00	32.00
Laguna Sea County Park	0.70	0.28	45.67	46.65	1.51	0.91	1.23	3.65	1.71	1.69	1.80	5.20	0.00	0.00	0.00	0.00	58.51	41.00	0.00	41.00
Laguna Sea Subarea Totals				128.25	28.71			28.71	202.85			445.42				0.00	359.82	644.00	0.00	644.00
Total Production by WM Producers																				
				700.04	(905.53)			(905.53)	-445.42			-445.42				0.00	(647.91)	3,006.01	1,550.20	4,556.21
				291.53													291.53	3,006.01	1,550.20	4,556.21
																	-939.45			3,171.21

	Annual Production from APA Producers	Annual Production from SPA Producers
CAW / MPWMD ASR (Carmel River Basin source water)		
Injection (Recovery)	0.00	0.00
Net ASR	0.00	0.00
Pure Water Monterey (PWM) Injection and Cal-Am Recovery		
Injection Operating Reserve	88.49	389.66
Injection Drought Reserve	0.00	0.00
Delivery to Basin (Injection)	88.49	389.66
CAW	(254.47)	(304.91)
City of Seaside Golf Course Recycled Water Use/Municipal Potable Water Recovery 2,566.16 AF/Year		
Inlet Storage/Reycled Water Use	365.03	54.93
City of Seaside Municipal Extraction	0.00	0.00
Net In-Use	365.03	54.93

Notes:
 1. The Water Year (WY) begins October 1 and ends September 30 of the following calendar year. For example, WY 2023 begins on October 1, 2023, and ends on September 30, 2024.
 2. "Type" refers to water right as described in Seaside Basin Adjudication decision as amended, signed February 9, 2007 (Monteary County Superior Court Case No. M66343).
 3. Values shown in the table are based on reports to the Watermaster received by July 15, 2024.
 4. All values are rounded to the nearest hundredth of an acre-foot. Where required, reported data was converted to acre-foot utilizing the relationships: 325,851 gallons = 43,560 cubic feet = 1 acre-foot.
 5. "Base Operating Yield Allocation" values are based on Seaside Basin Adjudication decision. These values are consistent with the *Watermaster Production Allocations Water Year 2024* (see Item VII.F, acre-foot).
 6. Any minor discrepancies in totals are attributable to rounding.
 7. APA = Alternative Producer Allocation; SPA = Standard Producer Allocation; CAW = California American Water.
 8. It should be noted that CAW/MPWMD ASR "Injection" and "Recovery" amounts are not expected to "balance" within each Water Year. This is due to the injection recovery "rules" that are part of SWRCB water rights permits and/or separate agreements with state and federal resources agencies that are associated with the water rights permits.
 9. Cal-Am Toro Well #3 Destroyed 09/30/21.

SUMMARY OF
PURE WATER MONTEREY, AND
SALINAS VALLEY AND
MARINA COAST WATER DISTRICT GROUNDWATER SUSTAINABILITY
AGENCY ZOOM MEETINGS
IN JUNE 2024

Note: This is a synopsis of information from these meetings that may be of interest to the Seaside Basin Watermaster

Groundwater Technical Advisory Committee Meeting, June 12, 2024:

Since this meeting conflicted with the Watermaster TAC meeting on this same date and time, I was not able to attend it. Nancy Dayton, who is assisting Laura Paxton in the Administrative Officer duties, sat in on the meeting via Zoom. Her notes from the meeting provided this information:

- Victoria Hermosilla of M&A presented geophysical data for the Eastside, Langlely, and Monterey subbasins and the Corral de Tierra area.
 - Data from well completion reports and AEM were considered separately and together.
 - In the Eastside Subbasin bedrock contact has been noted. The bedrock is much shallower than previously understood, so there is less aquifer space available.
 - In the Langlely Subbasin, there was less AEM data available, but more well completion data is available. "Rock" is present close to the Gabilan Range. The bedrock is comprised of Monterey Shale and Crystalline Rock. Less aquifer space is available.
 - In the Monterey Subbasin, Santa Margarita Sandstone, Monterey Shale, and Quartz Monzonite are present. Crystalline rocks are uplifted due to faulting. In some spots, the bedrock is at surface level.
 - This study indicates a significant change from current understanding. These findings impact the ASR study because modeling in that study will need to be adjusted to reflect this new information.
- Lisa Porta of M&A presented the ASR Feasibility Study.
 - Ms. Porta was very careful to state the information was preliminary.
 - The study will be on-going and concepts will be presented at a meeting on July 10.
 - One alternative: 16 ASR Wells: 8 at the 180 and 8 at the 400. Both would inject and extract.
 - Injecting into both aquifers would not offset SWI by 2070.
 - Seasonal releases would use more pumping than injection but would not leave enough supply for CSIP.
 - Another alternative would use bypass flows—more injection than pumping. Apparently there would not be unmet demand in that scenario.
 - There is simply a lack of available water to stop SWI; however, focusing only on the 400 ft aquifer would provide marginal results by 2070.

SVBGSA Advisory Committee Meeting, June 20, 2024:

Items of interest to the Watermaster included:

- An informative PowerPoint presentation by a representative from the Alameda County Water District describing how they manage seawater intrusion in their groundwater basin located in the southern San Francisco Bay area.
 - They use a portfolio of programs and management actions that include groundwater replenishment/recharge using abandoned quarries as surface recharge basins fed by water from Alameda Creek
 - Their deeper aquifers became seawater intruded through abandoned wells and downward percolation of intruded water from overlying shallower aquifers
 - They have a Replenishment Assessment Act (1961) with a fee to well owners on a dollars per acre-feet of water produced. They use this as a funding source for the seawater intrusion mitigation program.
 - They have about 100 monitoring wells.
 - They have an Aquifer Reclamation Program that pumps intruded water back to the San Francisco Bay so freshwater can replace it. The purpose of this program is to keep groundwater levels above sea level (protective groundwater elevations).
 - It took about 10 years to raise groundwater levels about 30 feet to start getting them above sea level.
 - They have a desalination plant that takes intruded water which is actually just brackish about (2,000 ppm chloride) and uses the desalinated water as a potable water source. The brine from that desalination plant goes to San Francisco Bay.

- Other topics discussed at this meeting pertained to groundwater dependent ecosystems and the workgroups that are part of the Advisory Committee.

Monterey Subbasin GSP Implementation Committee Meeting, June 26, 2024:

Items of interest to the Watermaster included:

- Victoria Herмосilla of Montgomery & Associates, who is heading up the development and updating of the Monterey Subbasin Hydrogeologic Conceptual Model (HCM) made a very comprehensive and informative presentation on the preliminary findings of this model:
 - A significant amount of both water and geologic data has been incorporated into the model. These include well completion reports, published hydrogeologic reports, Salinas Valley Integrated Hydrogeologic Model (USGS) model layers, AEM survey data, seismic data, and data from field observations.
 - Coordination has occurred with various agencies to obtain this information, including the Seaside Basin Watermaster.
 - A better understanding of the hydrogeology of the Monterey subbasin has found that:
 - Geologic barriers reduce the flow of groundwater flow from the Corral de Tierra subarea into the Laguna Seca and Northern Inland Subareas of the Seaside Basin
 - Structural deformations altered how the formations showed up in AEM data
 - The eastern portion of the Laguna Seca Subarea and the Corral de Tierra Subarea are within the same bedrock bowl
 - The SVBGSA/MCWDGSA plan to collect more water level and aquifer test data, and may suggest monitoring this area together with the Watermaster
 - There are two separate geologic bowls within the Corral de Tierra subarea: the bowl in the southern portion of the subarea is interconnected with the Laguna Seca subarea, and the bowl in the northern portion of the subarea is connected with the 180/400 foot aquifer subbasin

- Next steps in refining the Monterey Subbasin Hydrogeologic Conceptual Model will be to incorporate the updated layering and recalibration from the Seawater Intrusion Model, and continued inter-agency collaboration
- There was also discussion of the projects and management actions in the Monterey Subbasin Groundwater Sustainability Plan for the Corral de Tierra Subarea and updating the sustainability strategy and timeline based on priorities to be recommended by the Implementation Committee and ultimately to be approved by the Boards of Directors of the GSAs