

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

**Wednesday, October 7, 2026–2:00pm HYBRID
City Hall, City of Sand City
1 Pendergrass Way, Sand City, CA 93955**

To access the meeting virtually, please click on the Zoom link or copy/paste it into your browser:

<https://us06web.zoom.us/j/9441495797?pwd=mlRjLWc0enkccCyuoShIcxledU9mG3.1&omn=88460718807>

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Teleconference Locations:

Pursuant to the Brown Act, the following remote locations are open and accessible to the public for observation and public comment: 33979 Leland Meadow Road, Strawberry, CA 95364

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

City of Sand City—Mayor Mary Ann Carbone—Chair

City of Del Rey Oaks—Council Member Kim Shirley—Vice Chair

Monterey County/Monterey County Water Resources Agency—Supervisor Wendy Root Askew,
District 4—Treasurer (*attending virtually*)

Coastal Subarea Landowner—Director Paul Bruno

City of Seaside—Mayor Ian Oglesby

California American Water (CAW)—Director Spencer Vartanian

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

Laguna Seca Subarea Landowner—Director John Gaglioti

City of Monterey—Council Member Kim Barber

- I. CALL TO ORDER – Please note new contact information for Watermaster in the footer of the agenda. Email address remains watermasterseaside@sbcglobal.net.**
- II. ROLL CALL**
- III. PUBLIC COMMUNICATIONS**
Oral communications are on each meeting agenda 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.

*Seaside Groundwater Basin Watermaster
P.O. Box 1271, Seaside, CA 93955
831-649-9916*

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 – None

VI. CONSENT CALENDAR

A. Minutes of Regular Board meeting held on July 1, 2026	5
B. Summary of Payments made June 2026–September 2026	9
C. Fiscal Year 2026 Financial Reports through August 31, 2026	11

VII. NEW BUSINESS

A. Consider approving Fiscal Year (January–December) 2027 Annual Budgets:	
1. Administrative Budget	13
2. Monitoring and Management Program and Operations and Capital Budgets	15
3. Replenishment Assessment Fund Budget –No Action Required	33
B. Consider approving the following Professional Service Contracts for Fiscal Year 2027.....	37
1. Two Contracts with Montgomery & Associates, Inc.—one for \$19,800 for providing ongoing and as-requested general hydrogeologic consulting services during the year, and the second for \$38,670 to prepare the Seawater Intrusion Analysis Report (SIAR) for 2027	39
2. One Contract with Martin Feeney— for \$4,000 to provide on-call/as-requested hydrogeologic consulting services for 2027	47
3. One Contract and one Professional Services Agreement with Gus Yates —for \$4,000 to provide on-call/as-needed hydrogeologic consulting services for 2027	49
4. One Contract with MPWMD—for \$93,260 to perform monitoring and other work on the 2027 Seaside Groundwater Basin Monitoring and Management Program (M&MP)	51
5. One Contract with Klein, DeNatale, Goldner, Rosenlieb and Kimball, LLP—for \$12,500 to provide Watermaster legal services for 2027	57
C. Consider Approving the Proposed 2026 Replenishment Assessment Unit Costs for Natural Safe Yield and Operating Yield Overproduction	59
D. Discuss/Consider Cost Sharing for Updating the Seaside Groundwater Basin Model	61

VIII. UNFINISHED BUSINESS

A. Consider/Approve a Revision to the Rules and Regulations to Add a Policy for Production without a Working Meter	71
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IX. INFORMATIONAL REPORTS (No Action Required)

A. Watermaster Report of Water Year 2026 Quarter 3 Production of the Seaside Basin (April 1, 2026 – June 31, 2026)	75
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X. DIRECTOR REPORTS

XI. STAFF COMMENTS

XII. CLOSED SESSION – No closed session is scheduled; however, it may be held if needed.

Seaside Groundwater Basin Watermaster Regular Board Meeting Agenda

July 1, 2026

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XIII. The Watermaster will consider a motion to adjourn to the next regular Watermaster Board meeting to be held on Wednesday, November 4, 2026, 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 October 4, 2026, per the Ralph M. Brown Act, Government Code Section 54954.2 (a).

**SEASIDE GROUNDWATER BASIN WATERMASTER
REGULAR MEETING MINUTES**

**ITEM VI.A
10/7/2026**

Wednesday, July 1, 2026

City of Sand City, City Hall, 1 Pendergrass Way, Sand City, CA 93955 (Hybrid)

I. CALL TO ORDER

The meeting was called to order at 2:02 p.m.

II. ROLL CALL

Directors Present:

City of Sand City – Mayor Mary Ann Carbone, Chair

City of Del Rey Oaks – Council Member Kim Shirley, Vice Chair*

City of Seaside – Mayor Ian Oglesby, *seated at 2:11 p.m.*

City of Monterey – Council Member Kim Barber

Monterey County/Water Resources Agency – Supervisor Wendy Root Askew

Coastal Subarea Landowner – Director Paul Bruno

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

Laguna Seca Subarea Landowner – Director John Gaglioti

An asterisk () signifies virtual attendance*

Directors Absent:

California American Water (CAW) – Directors Spencer Vartanian and David Pezzini (Alt)

Others Present:

Bob Jaques, Watermaster Technical Program Manager (TPM)

Toni Gibbs, Watermaster Administrative Officer (AO)

Mike McCullough, Assistant General Manager, MPWMD

Nick McIlroy, Planning Manager, City of Sand City

Yuri Anderson*

Maureen Hamilton, MPWMD*

III. PUBLIC COMMUNICATIONS

There were no public communications from members of the audience or online participants.

IV. REVIEW OF AGENDA AND ANNOUNCEMENTS – There were no additions or changes to the agenda requested.

V. ORAL PRESENTATIONS – There were no oral presentations.

VI. CONSENT CALENDAR

A. Minutes of the Regular Board meeting held on April 1, 2026

B. Summary of Payments made March 2026–May 2026

C. Fiscal Year 2026 Financial Reports through May 31, 2026

Public Comments: None received.

It was moved by Director Barber, seconded by Director Gaglioti, and unanimously carried 8-0 via roll call vote to approve the Consent Calendar items as presented.

VII. NEW BUSINESS

A. Consider Approving Recommendation for Updating the Seaside Basin Groundwater Model

TPM Bob Jaques summarized a technical evaluation conducted by Montgomery & Associates regarding options to update or replace the existing groundwater model. The report recommended updating and calibrating the existing model using current ModFlow software while aligning inputs with neighboring regional models, such as the Salinas Valley Basin and Monterey sub-basin, to ensure data integration and border compatibility. Future predictive simulation tasks are slated for the 2027 budget cycle. The Technical Advisory Committee (TAC) concurred with these recommendations at its June 10, 2026, meeting.

Director Gagliotti asked about the suitability of the current version of the ModFlow software, and TPM Jaques stated that the current version would be used for the work unless it became apparent that an update was necessary.

Public Comments: None received.

It was moved by Director Bruno, seconded by Director Gaglioti, and unanimously carried 8-0 via roll call vote to approve the recommendations for updating the existing seaside groundwater basin model.

B. Consider Approving Montgomery & Associates' Request for Service (RFS) No. 2026-03

TPM Bob Jaques presented the staff report for RFS No. 2026-03 to execute the groundwater model updates discussed in Item VII.A. The proposed contract is structured as a time-and-materials agreement with a not-to-exceed threshold of \$125,000, which is fully allocated within the approved 2026 Monitoring and Management Program Operations Budget.

Directors Bruno, Barber, and Gaglioti inquired about the time-and-materials tracking mechanisms and cost mitigation protocols should tasks deviate from original estimates. TPM Jaques clarified that any projected budget overruns would require a formal amendment brought back to the Board for approval. The work would begin immediately upon approval of the RFS.

Public Comments: None received.

It was moved by Director Barber, seconded by Director Riley, and unanimously carried 8-0 via roll call vote to approve Request for Service No. 2026-03.

VIII. UNFINISHED BUSINESS

A. Consideration of Approval for Water Production for Mission Memorial During Unmetered Periods of October 2025 through January 2026

At the April 1, 2026 Watermaster Board meeting, the Board reviewed draft language for a policy to resolve the lack of production data from Mission memorial for the time period of October 2025 through January 2026, when their pump was producing without a meter. The Board directed AO Toni Gibbs to gather information applying two approaches: 1) determine an estimate based on the production of a “peer” property and 2) the highest monthly production recorded by Mission Memorial for each month, October through January, from the preceding three years. AO Gibbs brought two figures for the Board’s consideration:

1. A peer-property calculation estimating consumption at 2.35 AF based on data from the nearby Black Horse Bayonet Golf Course, adjusted for the amount of irrigated land.
2. A historical evaluation tracking the highest monthly production averages from the previous 4 water years, one of which, the previous year, had no production.

The Board discussed the draft language of the policy and how it will impact Mission Memorial in resolving the period of unmetered water use. Director Askew pointed out that although four years of Mission Memorial production data was provided in the staff report, the draft policy recommends the previous three years, which is what she would like to follow. In response to Director Riley’s concerns that these policies penalized producers, Director Bruno agreed with Director Askew and noted that this policy is not a penalty, only a means to account for unmetered production. If the producer overproduces, then they will be penalized, but the policy in question does not affect that penalty. The proposed policy text will be brought to a future Board meeting for approval.

Public Comments: None received.

It was moved by Director Askew, seconded by Director Barber, and unanimously carried 8-0 via roll call vote to approve using the highest monthly production recorded by Mission Memorial for each month, October through January, from the preceding three years, which totals 10.76AF, to determine production data for their unmetered production during October 2025 through January 2026.

B. Water Year 2026 RE-Declaration of Unavailability of Artificial Replenishment Water

AO Toni Gibbs explained that at the January 2026 Watermaster Board meeting, Mr. Andreas Baer, Senior Engineer of the City of Seaside, asked that the declaration be reviewed to determine whether production data found to be omitted from the previous reports would

affect the declaration. The review was completed, and the data did not affect the declaration, which was now before the Board for its approval.

Public Comments: None received.

It was moved by Director Barber, seconded by Director Oglesby, and unanimously carried 8-0 via roll call vote to approve the 2026 re-declaration of unavailability of artificial replenishment.

IX. INFORMATIONAL REPORTS (No Action Required)

- A. Watermaster Report of Water Year 2026 Quarter 2 Production of the Seaside Basin (January 1, 2026 – March 31, 2026)
- B. Sustainable Groundwater Management Act Monthly Update June 2026
- C. Letter of Support for City of Seaside Project
- D. Proposed New Monitoring Well Near Sentinel Well No. 4

X. DIRECTOR REPORTS

Director Carbone asked about the status of Ed Ghandour's well. TPM Jaques said that Mr. Ghandour submitted applications for permits to destroy the existing well, which is leaking, and to put in a new well to replace it. The work is scheduled to begin in July 2026, and TPM Jaques will update the Board as he learns more.

XI. STAFF COMMENTS – None

XII. CLOSED SESSION – None

IX. ADJOURNMENT – There being no further business, the meeting was adjourned at 2:56 p.m. to the next regular Board meeting on Wednesday, August 5, 2026 – 2:00 p.m. in the City of Sand City Council Chambers, in person and remote.

Respectfully submitted by Toni Gibbs, Board Secretary.

Seaside Groundwater Basin Watermaster

Summary of Payments

June-September, 2026

ITEM VI.B

10/7/2026

Transaction type	Date	Num	Name	Memo	Amount
City of Seaside Finance					
Administrative Fund					
Check	06/30/2026	260630LP	Paxton Associates	AO support 06/01/26-06/30/26 Invoice 1708	-187.50
Check	06/30/2026	260630TG	Gibbs, Toni	AO services 6/1/2026-6/30/2026 Invoice 1009	-4,495.50
Check	06/30/2026	260630KDG	Klein DeNatale Goldner	General Business: Professional Services (Invoice # 1268908)	-722.50
Check	07/31/2026	260731TG	Gibbs, Toni	AO services 7/1/2026-7/31/2026 Invoice 1010	-1,961.55
Check	08/31/2026	260831TG	Gibbs, Toni	AO services 8/1/2026-8/31/2026 Invoice 1011	-4,104.00
Check	08/31/2026	260831PA	Paxton Associates	Meetings with AO Gibbs 7/28 & 8/27	-437.50
Total for Administrative Fund					-\$11,908.55
Monitoring & Mgmt Ops Fund					
Check	06/30/2026	260630RJ	Robert Jaques	TPM 6/01/26-6/30/26	-7,350.00
Check	06/30/2026	260630MPWMD	MPWMD	INV00491 April - June 2026	-10,903.00
Check	07/31/2026	260731RJ	Robert Jaques	TPM 7/01/26-7/31/26	-6,562.50
Check	07/31/2026	260731MA-03	Montgomery & Associates	RFS 2026 - 03 Seaside Basin Groundwater Model Invoice 9150-26-6	-4,137.00
Check	08/31/2026	260831RJ	Robert Jaques	TPM 8/01/26-8/31/26	-4,812.50
Check	08/31/2026	260831MA-03	Montgomery & Associates	RFS 2026 - 03: Extend Model (Benito, P. 20.5 hours @ \$225/hr; Pontifex, T. 33.5 hours @ \$179/hr) Inv # 9150-26-7	-10,609.00
Total for Monitoring & Mgmt Ops Fund					-\$44,374.00
Total for City of Seaside Finance with sub-accounts					-\$56,282.55
TOTAL					-\$56,282.55

Seaside Groundwater Basin Watermaster
Budget vs. Actual Administrative Fund
Fiscal Year (January 1 - December 31, 2026)
Balance through August 31, 2026

	2026 Adopted Budget	Contract Amount	Year to Date Revenue / Expenses
Available Balances & Assessments			
Other Assessments	-		
FY (Rollover)	64,300.00		64,300.00
Admin Assessments	57,200.00		57,200.00
Replenishment Assessments	8,112.00		8,112.00
Available	129,612.00		129,612.00
Expenses			
Contract Staff	84,000.00	84,000.00	47,398.81
Legal Counsel		12,500.00	
General	12,500.00		2,147.45
Replenishment	8,112.00 *		-
			2,147.45
Filing fees and postage			22.45
Total Expenses	104,612.00	96,500.00	49,568.71
Total Available	25,000.00		
Dedicated Reserve	25,000.00		-
Net Available	-		80,043.29

* \$8,112.00 Replenishment related legal and administrative costs will be covered by funds transferred into the Administrative Fund from the Replenishment Assessment Fund

Seaside Groundwater Basin Watermaster
Budget vs. Actual Monitoring & Management - Operations Fund
Fiscal Year (January 1 - December 31, 2026)
Balance through August 31, 2026

	2026 Adopted Budget	Contract Encumbrance	Year to Date Revenue/Expenses
Available Balances & Assessments			
Operations Fund Assessment	\$ 225,000.00	\$ -	\$ 225,000.00
Pass Through (Monitoring)	5,064.00	5,064.00	5,064.00
FY 2025 Rollover (estimated)	266,606.00	-	266,606.00
Total Available	\$ 496,670.00	\$ 5,064.00	\$ 496,670.00
Appropriations & Expenses			
GENERAL			
Technical Project Manager	\$ 75,000.00	\$ 75,000.00	\$ 41,825.00
Contingency @ 10% (not including TPM)	54,340.00	*	
Total General	\$ 129,340.00	\$ 75,000.00	\$ 41,825.00
CONSULTANTS (Montgomery; Web Site Database)			
Program Administration (RFS 2026-01)	\$ 17,914.00	\$ 18,478.00	\$ 3,621.50
Production/Lvl/Qlty Monitoring (RFS 2026-01)	-		
Basin Management	174,436.00		
Seaside Basin Groundwater Model (RFS 2026-03)	125,000.00	125,000.00	\$ 14,746.00
Seawater Intrusion Analysis Report (SIAR) (RFS 2026-02)	36,346.00	36,346.00	682.50
Seawater Intrusion Response Plan	25,000.00		
Total Consultants	\$ 378,696.00	\$ 179,824.00	\$ 19,050.00
MPWMD			
Production/Lvl/Qlty Monitoring	\$ 84,506.00	81,506.00	20,176.00
Basin Management	-		-
Seawater Intrusion	-	-	-
Direct Costs	-	-	-
Total MPWMD	\$ 84,506.00	\$ 81,506.00	\$ 20,176.00
CONTRACTOR (Martin Feeney)			
Hydrogeologic Consulting Services	\$ 4,000.00	4,000.00	630.00
Production/Lvl/Qlty Monitoring		-	-
	\$ 4,000.00	\$ 4,000.00	\$ 630.00
CONTRACTOR (Gus Yates)			
Hydrogeologic Consulting Services	\$ 4,000.00	\$ 4,000.00	1,375.00
CONTRACTOR (Subsurface Imaging)			
Hydrogeologic Consulting Services	\$ 15,500.00	\$ 15,500.00	-
Total Appropriations & Expenses	\$ 616,042.00	\$ 359,830.00	\$ 83,056.00
Total Available	(119,372.00)		413,614.00

SEASIDE GROUNDWATER BASIN WATERMASTER ITEM VII.A.1

10/7/2026

TO: Watermaster Board of Directors
FROM: Toni Gibbs, Administrative Officer (AO)
DATE: October 7, 2026
SUBJECT: Proposed Fiscal Year (Calendar Year) 2027 Annual Administrative Fund Budget

RECOMMENDATION:

Consider/approve the proposed 2027 Administrative Fund Budget and recommend Watermaster Board approval.

DISCUSSION:

The court decision states that next fiscal year's budgets must be approved by the Board of Directors no later than the end of October each year in order for tentative budgets to be circulated to each adjudication Party "no earlier than November 1 and no later than November 15th each fiscal year."

The proposed 2027 Contractual Services budget of \$84,000 remains unchanged from 2026. This funding supports the new AO, contracted at \$135 per hour, for 12 hours per week (48 hours per month), totaling \$77,760 in base compensation. The remaining \$6,240 provides 46 hours to reorganize the Watermaster website archives to improve user experience and to conduct research into and streamline production reporting, ultimately improving the producers' experience.

Jeff Warren, Watermaster legal counsel, contracted with Watermaster and began assisting the Board in 2026. Estimated costs for filing the Annual Report and unforeseen services are proposed at \$12,500 for 2027 non-replenishment related legal services. There were no replenishment-related legal costs for 2026; therefore, no budget has been allocated for 2027.

FISCAL IMPACT:

An Administrative Fund budget of \$121,500 is proposed, resulting in a \$114,869 need to be covered by assessments. Expenses: \$84,000 (AO) + \$12,500 (Legal) + \$25,000 (Reserve) = \$121,500 - \$6,631 (Carryover from 2026) = \$114,869 Assessment Need

The assessments for the parties required to contribute to the Administrative Fund are:

California American Water 83.0%	\$95,341
City of Seaside 14.4%	\$16,541
City of Sand City 2.6%	<u>\$2,987</u>
	\$114,869

ATTACHMENTS

- 1) Proposed Administrative Fund Budget for FY (Calendar Year) 2027

**Seaside Groundwater Basin Watermaster
Administrative Fund Budget
Proposed Budget (September 30, 2026)
Administrative Year 2027**

	<u>2026</u> <u>Adopted</u> <u>Budget</u>	<u>2026</u> <u>Estimated</u> <u>Total</u>	<u>2027</u> <u>Proposed</u> <u>Budget</u>
Assessment Income			
Estimated Rollover*	\$ 64,300	\$ 66,881	6,631
Administrative Assessment	57,200	57,200	114,869
Replenishment Related Legal Costs**	<u>8,112</u>	<u>0</u>	<u>0</u>
Totals	<u>129,612</u>	<u>124,081</u>	<u>121,500</u>
Expenditures			
Contractual Services - Administrative	84,000	84,000	84,000
Legal Services - Administrative	12,500	8,450	12,500
Legal Services - Replenishment	<u>8,112</u>	<u>0</u>	<u>0</u>
Total Expenses	<u>104,612</u>	<u>92,450</u>	<u>96,500</u>
Total Available	<u>25,000</u>	<u>31,631</u>	<u>25,000</u>
Less Reserve	<u>25,000</u>	<u>25,000</u>	<u>25,000</u>
Net Available	<u><u>0</u></u>	<u><u>\$ 6,631</u></u>	<u><u>0</u></u>

**Note: The Estimated Rollover balance of \$6,631 was based a detailed reconciliation of actual expenses of the Administrative Fund financial records held at the Watermaster office through August 31, 2026, and estimations through the remainder of the 2026 year.*

*** Replenishment related legal and administrative costs, if any, will be covered by funds transferred into the Administrative Fund from the Replenishment Assessment*

10/7/26

SEASIDE GROUNDWATER BASIN WATERMASTER

TO: Board of Directors

FROM: Robert S. Jaques, Technical Program Manager

DATE: October 7, 2026

SUBJECT: Consider Approving the FY 2027 Monitoring and Management Program (M&MP) and the FY 2027 M&MP Operations and Capital Budgets

RECOMMENDATIONS: Approve the attached 2027 Monitoring and Management Program (M&MP) and the FY 2027 M&MP Operations and Capital Budgets.

SUMMARY: The Watermaster Budget and Finance Committee at its September 30, 2026 meeting recommended the Board approve the attached 2027 Monitoring and Management Program (M&MP) and the FY 2027 M&MP Operations and Capital Budgets.

Attached are the proposed M&MP Operations and Capital Budgets for 2027 and 2028. The Board has asked that two-year budgets be developed to alert the Board to potential changes in scope and/or cost in near future years. Only the 2027 budgets are before the Board for approval. The 2028 budgets are for information only.

The following are comments and/or principal revisions from the 2026 M&MP Budget:

Technical Program Manager: The Groundwater Sustainability Plan (GSP) for the adjacent Monterey Subbasin was completed and submitted in early 2022 by the Salinas Valley Basin and the Marina Coast Water District Groundwater Sustainability Agencies, and the Salinas Valley Basin Groundwater Sustainability Agency completed and submitted GSPs for the other subbasins. There will continue to be regular meetings of their GSP-related committees that I either serve on representing the Watermaster, or monitor to keep the Watermaster informed on the topics discussed at those meetings. There will be new work related to implementing the recommendations in the *2025 Updated Seawater Intrusion Response Plan* for the Basin. There will also likely be new work associated with using the updated Groundwater Model to evaluate various basin-management issues. Therefore, I anticipate that the 2027 workload may be slightly greater than that of 2026, so the proposed line-item budget amount has been increased by \$5,000 at \$80,000 in 2027.

Tasks Involving MPWMD and Montgomery & Associates: The routine scopes-of-work for both MPWMD and Montgomery & Associates are essentially unchanged from 2026. However, both will have hourly-rate increases in 2027, so the costs of the Tasks in which they are involved reflect somewhat higher dollar amounts in 2027 compared to 2026. Additional work associated with implementing the *2025 Updated Seawater Intrusion Response Plan* (SIRP), using the updated Groundwater Model, and ongoing coordination with the modelers for the adjacent groundwater basins, is expected to be performed by Montgomery & Associates. This additional work is covered under tasks I.3.a.3 through I.3.a.6.

Tasks I.2.b.1, I.2.b.5, and I.4.e.1: All of these Tasks include the potential for installing additional monitoring wells. The need to install those wells will not be known until the Proactive Action – Part 1 of the Pumping Redistribution Plan in the *2025 Updated SIRP* has been completed and approved by the Board. The location of additional monitoring wells, if any are needed, would be determined by using the updated Seaside Basin Groundwater Model developed under Task I.3.a.1. The Proactive Action – Part 1 work will likely not be completed until mid- to late- 2027. So work to install any new monitoring wells that are recommended by that work would likely not occur until late 2027, or perhaps not until 2028.

Task I.2.b.8: This Task, which was added in 2025, has been retained in the 2027 M&MP to perform additional subsurface electromagnetic imaging, if the usefulness and value of such work is deemed to justify the expense of doing this again in 2027.

Task I.4.e: When the 2025 *Updated SIRP* was adopted it was understood that, after the Updated Groundwater Model had been used to prepare Part 1 of the Pumping Redistribution Plan recommended in the 2025 *Updated SIRP*, the SIRP would again be updated to incorporate the results of that work. This Task is intended to provide for performing that further updating work.

Task I.4.e.1: This Task (and its subtasks) is to begin implementing the recommendations in the 2025 *Updated SIRP*.

As a result of the changes described above, as indicated by the right-hand column titled “Comparative Costs from 2026 Budget” in Attachment 1, the proposed 2027 Budget is \$72,809 higher (\$560,965-\$488,156) than the 2026 Budget. Much of this increase is due to new Tasks associated with implementing recommended actions in the 2025 Updated SIRP.

FISCAL IMPACT:

For the Monitoring & Maintenance - Operations Fund:

An Operations Fund Assessment of \$386,991 is proposed: \$418,230 (Expenditures) + \$62,735 (Contingency) + \$80,000 (TPM) = \$560,965 (Ops Budget) - \$168,910 (Carryover from 2026) + \$5064 (Monitoring) = \$386,991 (Assessment Need)

The assessments for the parties required to contribute to the Operations Fund are:

Party	Assessment %	Assessment
California American Water	91.0%	\$352,162
City of Seaside	7.0%	\$27,089
D.B.O.	0.9%	\$3,483
Granite Rock	0.9%	\$3,483
Cypress Pacific	0.2%	\$774
	Assessment Total	\$386,991

ATTACHMENTS:

1. 2027 and 2028 M&MP Operations Budgets
2. 2027 and 2028 M&MP Capital Budgets
3. 2027 Monitoring & Management Program

Monitoring and Management Program Operations Budget										Comparative Costs from 2026 Budget
For Tasks to be Undertaken in 2027										
Task	Subtask	Sub-Subtask	Cost Description	CONSULTANTS & CONTRACTORS ⁽⁹⁾					Total	
				MPWMD	Montgomery & Associates	Todd Groundwater	Martin Feeney	Contractors or Other Consultants		
Labor										
			Technical Project Manager	N/A	N/A	N/A	N/A	N/A	\$80,000	\$75,000
M.1 Program Administration										
	M.1.a		Project Budget and Controls	\$0				\$0	\$0	\$0
	M.1.b		Assist with Board and TAC Agendas	\$0				\$0	\$0	\$0
	M.1.c, M.1.d, & M.1.e		Preparation for and Attendance at Meetings and Peer Review of Documents and Reports ⁽⁸⁾	\$0	\$16,880	\$4,000	\$4,000	\$0	\$24,880	\$23,220
	M.1.f		QA/QC	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	M.1.g		SGMA Documentation Preparation	\$0	\$2,920	\$0	\$0	\$0	\$2,920	\$2,694
I.1 Initial Phase 1 Monitoring Well Construction (Task Completed in Phase 1)										
I.2 Production, Water Level and Quality Monitoring										
	I.2.a.		Database Management							
		I.2.a.1.	Conduct Ongoing Data Entry/ Database Maintenance and Respond to Data Requests ⁽¹⁵⁾	\$19,252	\$0	\$0	\$0	\$0	\$19,252	\$15,432
		I.2.a.2.	Verify Accuracy of Production Well Meters	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.2.b.		Data Collection Program							
		I.2.b.1.	Site Representation and Selection ⁽¹⁴⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		I.2.b.2.	Collect Water Levels ⁽⁵⁾⁽⁶⁾	\$21,891	\$0	\$0	\$0	\$0	\$21,891	\$23,932
		I.2.b.3.	Collect Water Quality Samples and Perform Sentinel Well Induction Logging ⁽¹⁾⁽⁵⁾	\$44,253	\$0	\$0	\$0	\$0	\$44,253	\$36,862
		I.2.b.4.	Update Program Schedule and Standard Operating Procedures.	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		I.2.b.5.	Monitor Well Construction ⁽¹⁴⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		I.2.b.6.	Reports	\$3,616	\$0	\$0	\$0	\$0	\$3,616	\$2,112
		I.2.b.7.	CASGEM Data Submittal for Watermaster's Voluntary Wells	\$4,248	\$0	\$0	\$0	\$0	\$4,248	\$3,168
		I.2.b.8	Perform Subsurface Electromagnetic Imaging ⁽¹⁸⁾	\$0	\$0	\$0	\$0	\$15,500	\$15,500	\$15,500
I.3 Basin Management										
	I.3.a.		Enhanced Seaside Basin Groundwater Model	(Costs Shown in Subtasks Below)						
		I.3.a.1	Update the Existing Model ⁽¹¹⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
		I.3.a.2	Develop Protective Water Levels ⁽¹²⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		I.3.a.3	Continue Coordination with Regional Modelers ⁽²⁰⁾	\$0	\$16,000	\$0	\$0	\$0	\$16,000	\$0
		I.3.a.4	Address Performance Gaps ⁽¹⁹⁾	\$0	\$40,000	\$0	\$0	\$0	\$40,000	0
		I.3.a.5	Predictive Future Baseline Simulation ⁽¹⁹⁾		\$40,000	\$0	\$0	\$0	\$40,000	\$0
		I.3.a.6	Evaluate Replenishment Scenarios and Develop Answers to Basin Management Questions	\$0	\$40,000	\$0	\$0	\$0	\$40,000	\$40,000
	I.3.b.		Complete Preparation of Basin Management Action Plan	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.3.c.		Refine and/or Update the Basin Management Action Plan ⁽⁷⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.3.d		Evaluate Coastal Wells for Cross-Aquifer Contamination Potential	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.3.e		Seaside Basin Geochemical Model ⁽¹³⁾	\$0	\$10,000	\$0	\$0	\$0	\$10,000	\$10,000
I.4 Seawater Intrusion Contingency Plan										
	I.4.a.		Oversight of Seawater Intrusion Detection and Tracking ⁽¹⁷⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.4.b.		Analyze and Map Water Quality from Coastal Monitoring Wells	(Costs Included Under I.4.a)						
	I.4.c.		Annual Report- Seawater Intrusion Analysis ⁽¹⁶⁾	\$0	\$38,670	\$0	\$0	\$0	\$38,670	\$36,346
	I.4.d		No Longer Needed	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.4.e.		Refine and/or Update the Seawater Intrusion Response Plan ⁽²⁾⁽¹⁹⁾	\$0	\$12,000	\$0	\$0	\$0	\$12,000	\$0
	I.4.e.1		Implement Recommendations in the Updated Seawater Intrusion Response Plan (Costs included in the subtasks below) ⁽¹⁴⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
	I.4.e.1.a		Identify At Risk Wells ⁽¹⁹⁾	\$0	\$25,000	\$0	\$0	\$0	\$25,000	\$0
	I.4.e.1.b		Estimate Groundwater Conditions That Protect Production Wells ⁽¹⁹⁾	\$0	\$25,000	\$0	\$0	\$0	\$25,000	\$0
	I.4.e.1.c		Evaluate Each Production Wells' Influence on Potential Seawater Intrusion at Each Monitoring and Production Well ⁽¹⁹⁾	\$0	\$35,000	\$0	\$0	\$0	\$35,000	\$0
	I.4.f.		If Seawater Intrusion is Determined to be Occurring, Implement the Seawater Intrusion Response Plan ⁽⁹⁾	(No Costs are Included for This Task, as This Task May Not be Necessary During 2025. If it Does Become Necessary, Use of Contingency Funds or a Budget Modification Will Likely be Necessary)						
TOTALS CONSULTANTS & CONTRACTORS				\$93,260	\$301,470	\$4,000	\$4,000	\$15,500	\$498,230	\$359,266
				SUBTOTAL not including Technical Program Manager =					\$418,230	\$359,266
				Contingency (not including Technical Program Manager) @ 15% ⁽⁴⁾ =					\$62,735	\$53,890
				Technical Program Manager =					\$80,000	\$75,000
				TOTAL=					\$560,965	\$488,156

Footnotes:

- (1) Under this Subtask the Watermaster will contract with MPWMD to perform the Sentinel Well induction logging work and to perform the other portions of the work of this Subtask. The Sentinel Wells will be induction logged once per year (normally in September).
- (2) The response plan was updated in 2025. However, further updating is expected in 2027 after the Groundwater Model has been updated (expected to be completed in late 2026 or early 2027).
- (3) Within the context of this document the term "Consultant" refers to a private consultant providing professional engineering or other types of technical services. The term "Contractor" refers to a firm providing construction or field services such as well drilling or meter calibration.
- (4) Due to the uncertainties of the exact scopes of some of the larger Tasks listed above at the time of preparation of this Budget it is recommended that a Contingency of 15% be included in the Budget.
- (5) The MPWMD portion of these Tasks includes:
For Task I.2.b.2: (1) \$646 for vehicle mileage costs for both this Task and Task I.2.b.3 and (2) \$850 to purchase a replacement datalogger (if necessary).
For Task I.2.b.3: (1) \$18,360 for laboratory analytical costs, (2) \$250 for CO2 bottles to run the sample pumps, (3) \$900 to purchase a replacement low flow sampling pump (if necessary), and (4) \$712 of administrative support costs for preparing billings and processing invoices from the water quality laboratory
- (6) Does not include costs for MPWMD to collect water level data or water quality samples from wells other than those that are part of the basic monitoring well network, i.e. for private well owners who have requested that the Watermaster obtain this data for them. Costs to obtain that data are to be reimbursed to the Watermaster by those well owners, so there should be no net cost to the Watermaster for that portion of the work under these Tasks.
- (7) The BMAP was updated in 2018, and no further work on this Task is anticipated in 2027.
- (8) This cost is for Montgomery and Associates, Todd Groundwater, and Martin Feeney to provide hydrogeologic consulting assistance to the Watermaster, beyond that associated with performing other specified Tasks, when/if requested to do so by the Technical Program Manager. This work may include, but not be limited to, participation in conference calls and reviewing documents prepared by others.
- (9) If work under this Task is found to be necessary, it will need to be funded through the Contingency line item or by a Budget transfer.
- (10) This Task is included to provide funds for the Watermaster to perform modeling and other investigative work to aid in making Basin management decisions that the Board may wish to perform in 2027.
- (11) The Model was updated and recalibrated in 2026. No further updating work is anticipated in 2027.
- (12) The protective water levels developed in 2009 were examined in 2013 to see if they needed to be updated. It was concluded that the 2009 protective levels were still satisfactory for Basin management purposes, and that no revisions were needed. No work under this Task is anticipated in 2027.
- (13) This was a new Task that was started in 2018, and was completed for the PWM AWT water in 2019. Funds allocated for this Task in 2027 would only be used if geochemical modeling is performed in 2027 for the MPWSP desalination plant water, and if that modeling indicates the need to have Montgomery and Associates use the Seaside Basin groundwater model to provide additional information needed by the geochemical model to develop mitigation measures for any adverse water quality impacts the geochemical model predicts could occur from introducing desalinated water into the Basin.
- (14) If the updated SIRP under Task I.4.e recommends installing additional monitoring wells, and if the Board directs that such wells be installed in 2027, the cost to identify the number, type, and location of those wells will be covered under the Subtasks of Task I.4.e.1. The cost of constructing those wells will be covered in the M&MP Capital Budget.
- (15) Watermaster staff will maintain the Watermaster's website and post documents on it. It includes \$2,260 for MPWMD to respond to requests from consultants and others for data from the database (that would only be expended if needed).
- (16) MPWMD's costs to assist in this Task are included in its costs under Task I.2.b.6.
- (17) MPWMD's and Montgomery & Associates' costs to provide oversight in this Task are included under their other Tasks.
- (18) This work will only be performed if the data obtained from it is expected to be of value in making Basin management decisions.
- (19) The full extent of much of this work will not be known until the groundwater model has been updated. The dollar amounts are placeholder values provided by Montgomery &
- (20) The extent of this work cannot be accurately estimated as it is dependent on the work of groundwater modelers in the adjacent basins. The dollar amount is a placeholder value provided by Montgomery & Associates for budgeting purposes.

Monitoring and Management Program Preliminary Estimated Operations Budget For Tasks to be Undertaken in 2028										Comparative Costs from 2027 Budget
Task	Subtask	Sub-Subtask	Cost Description	CONSULTANTS & CONTRACTORS ⁽⁵⁾					Total	
				MPWMD	Montgomery & Associates	Todd Groundwater	Martin Feeney	Contractors or Other Consultants		
Labor										
			Technical Project Manager	N/A	N/A	N/A	N/A	N/A	\$80,000	\$80,000
M.1 Program Administration										
	M.1.a		Project Budget and Controls	\$0				\$0	\$0	\$0
	M.1.b		Assist with Board and TAC Agendas	\$0				\$0	\$0	\$0
	M.1.c, M.1.d. & M.1.e		Preparation for and Attendance at Meetings and Peer Review of Documents and Reports ⁽⁸⁾	\$0	\$17,386	\$4,000	\$4,000	\$0	\$25,386	\$24,880
	M.1.f		QA/QC	\$0				\$0	\$0	\$0
	M.1.g		SGMA Documentation Preparation	\$0	\$3,008	\$0	\$0	\$0	\$3,008	\$2,920
I.1 Initial Phase 1 Monitoring Well Construction (Task Completed in 2027)										
I.2 Production, Water Level and Quality Monitoring										
	I.2.a.		Database Management							
		I.2.a.1.	Conduct Ongoing Data Entry/ Database Maintenance and Respond to Data Requests ⁽¹⁵⁾	\$19,830				\$0	\$19,830	\$19,252
		I.2.a.2.	Verify Accuracy of Production Well Meters	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.2.b.		Data Collection Program							
		I.2.b.1.	Site Representation and Selection ⁽⁷⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		I.2.b.2.	Collect Water Levels ⁽⁵⁾⁽⁶⁾	\$22,548	\$0	\$0	\$0	\$0	\$22,548	\$21,891
		I.2.b.3.	Collect Water Quality Samples and Perform Sentinel Well Induction Logging ⁽¹⁾⁽⁵⁾	\$45,581	\$0	\$0	\$0	\$0	\$45,581	\$44,253
		I.2.b.4.	Update Program Schedule and Standard Operating Procedures.	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		I.2.b.5.	Monitor Well Construction ⁽⁷⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		I.2.b.6.	Reports	\$3,724	\$0	\$0	\$0	\$0	\$3,724	\$3,616
		I.2.b.7.	CASGEM Data Submittal for Watermaster's Voluntary Wells	\$4,375	\$0	\$0	\$0	\$0	\$4,375	\$4,248
		I.2.b.8	Perform Subsurface Electromagnetic Imaging ⁽¹⁵⁾	\$0	\$0	\$0	\$0	\$15,965	\$15,965	\$15,500
I.3 Basin Management										
	I.3.a.		Enhanced Seaside Basin Groundwater Model	(Costs Shown in Subtasks Below)						
		I.3.a.1	Update the Existing Model ⁽¹¹⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		I.3.a.2	Develop Protective Water Levels ⁽¹²⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		I.3.a.3	Continue Coordination with Regional Modelers ⁽²⁰⁾	\$0	\$16,000	\$0	\$0	\$0	\$16,000	\$16,000
		I.3.a.4	Address Performance Gaps ⁽¹⁶⁾	\$0	\$40,000	\$0	\$0	\$0	\$40,000	\$40,000
		I.3.a.5	Predictive Future Baseline Simulation ⁽¹⁶⁾		\$0	\$0	\$0	\$0	\$0	\$40,000
		I.3.a.6	Evaluate Replenishment Scenarios and Develop Answers to Basin Management Questions	\$0	\$40,000	\$0	\$0	\$0	\$40,000	\$40,000
	I.3.b.		Complete Preparation of Basin Management Action Plan	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.3.c.		Refine and/or Update the Basin Management Action Plan ⁽⁷⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.3.d		Evaluate Coastal Wells for Cross-Aquifer Contamination Potential	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.3.e		Seaside Basin Geochemical Model ⁽¹³⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
I.4 Seawater Intrusion Contingency Plan										
	I.4.a.		Oversight of Seawater Intrusion Detection and Tracking ⁽¹⁷⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.4.b.		Analyze and Map Water Quality from Coastal Monitoring Wells	(Costs Included Under I.4.a)						
	I.4.c.		Annual Report- Seawater Intrusion Analysis ⁽¹⁶⁾	\$0	\$39,830	\$0	\$0	\$0	\$39,830	\$36,346
	I.4.d		No Longer Needed	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.4.e.		Refine and/or Update the Seawater Intrusion Response Plan ⁽²⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	I.4.e.1		Implement Recommendations in the Updated Seawater Intrusion Response Plan (Costs included in the subtasks below) ⁽¹⁴⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
	I.4.e.1.a		Identify At Risk Wells ⁽¹⁶⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
	I.4.e.1.b		Estimate Groundwater Conditions That Protect Production Wells ⁽¹⁶⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
	I.4.e.1.c		Evaluate Each Production Wells' Influence on Potential Seawater Intrusion at Each Monitoring and Production Well ⁽¹⁶⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$35,000
	I.4.f.		If Seawater Intrusion is Determined to be Occurring, Implement the Seawater Intrusion Response Plan ⁽⁹⁾	(No Costs are Included for This Task, as This Task May Not be Necessary During 2025. If it Does Become Necessary, Use of Contingency Funds or a Budget Modification Will Likely be Necessary)						
TOTALS CONSULTANTS & CONTRACTORS ⁽¹²⁾				\$96,058	\$156,224	\$4,000	\$4,000	\$15,965	\$356,247	\$498,230
SUBTOTAL not including Technical Program Manager =									\$276,247	\$418,230
Contingency (not including Technical Program Manager) @ 15% ⁽⁴⁾ =									\$41,437	\$62,735
Technical Program Manager =									\$80,000	\$80,000
TOTAL=									\$397,684	\$560,965

Footnotes:							
(1) Under this Subtask the Watermaster will contract with MPWMD to perform the Sentinel Well induction logging work and to perform the other portions of the work of this Subtask. The Sentinel Wells will be induction logged once per year (in September).							
(2) The response plan is not expected to be updated in 2028.							
(3) Within the context of this document the term "Consultant" refers to a private consultant providing professional engineering or other types of technical services. The term "Contractor" refers to a firm providing construction or field services such as well drilling or meter calibration.							
(4) Due to the uncertainties of the exact scopes of some of the Tasks listed above at the time of preparation of this Budget, it is recommended that a 15% Contingency be included in the Budget.							
(5) A portion of this cost is for maintaining sampling equipment that was installed in prior years.							
(6) Does not include costs for MPWMD to collect water level data or water quality samples from wells other than those that are part of the basic monitoring well network, i.e. for private well owners who have requested that the Watermaster obtain this data for them. Costs to obtain that data are to be reimbursed to the Watermaster by those well owners, so there should be no net cost to the Watermaster for that portion of the work under these Tasks.							
(7) It is assumed that if any new monitoring wells are recommended in the 2027 update of the SIRP, those wells will be installed in 2027 and none will need to be installed in 2028.							
(8) For Montgomery and Associates, Todd Groundwater, and Martin Feeney to provide hydrogeologic consulting assistance to the Watermaster, beyond that associated with performing other specified Tasks, when requested to do so by the Technical Program Manager.							
(9) If work under this Task is found to be necessary, it will need to be funded through the Contingency line item or by a Budget transfer.							
(10) This Task is included to provide funds for the Watermaster to perform modeling and other investigative work to aid in making Basin management decisions that the Board may wish to perform in 2028.							
(11) The Model is expected to be updated in 2026, and is not expected to be updated in 2028.							
(12) Includes a 3% inflation factor on most annually recurring costs in the 2027 Budget, except the Technical Program Manager cost which has no inflation factor applied to it.							
(13) It is assumed that if work on this Task needs to be performed, that work will be performed in 2027, so no cost to perform this work is included in the 2028 budget.							
(14) Depending on the results of any modeling work that is performed in 2027 using the updated Seaside Basin Groundwater Model, it may be desirable to update the BMAP in 2028.							
(15) If the Board authorizes performing additional Subsurface Electromagnetic Imaging, as recommended in the updated SIRP, that work would be charged to this Task.							
(16) It is assumed that work on this Task will be completed in 2027 and therefore no budget for it is included in the 2028 budget.							
(20) The extent of this work cannot be accurately estimated as it is dependent on the work of groundwater modelers in the adjacent basins. The dollar amount is a placeholder value provided by Montgomery & Associates for 2027 budgeting purposes.							

Monitoring and Management Program Capital Budget									
For Tasks to be Undertaken in 2027									

See Note below regarding potentially installing additional monitoring wells in 2027 with a placeholder amount of \$400,000 for that work.									

Note: If the updated SIRP under Task I.4.e of the M&MP Operations Budget recommends installing additional monitoring wells, and if the Board directs that such wells be installed in 2027, the cost of constructing those wells will be covered in the 2027 M&MP Capital Budget. Montgomery & Associates recommended an allowance of \$170,000 per well, depending on depth. A placeholder amount of \$400,000 for that work has been included in the Capital Budget for 2027.									

Monitoring and Management Program Capital Budget									
For Tasks to be Undertaken in 2028									

See Note below regarding potentially installing additional monitoring wells in 2028 with a placeholder amount of \$400,000 for that work.

Note: If the updated SIRP under Task I.4.e of the M&MP Operations Budget recommends installing additional monitoring wells, and if the Board directs that such wells be installed in 2028, the cost of constructing those wells will be covered in the 2028 M&MP Capital Budget. Montgomery & Associates recommended an allowance of \$170,000 per well, depending on depth. A placeholder amount of \$400,000 for that work has been included in the Capital Budget for 2028.

FINAL DRAFT
Seaside Groundwater Basin
2027 Monitoring and Management Program

The tasks outlined below are those that are anticipated to be performed during 2027. Some Tasks listed below are specific to 2027, while other Tasks are recurring such as data collection, database entry, and Program Administration Tasks.

Within the context of this document the term “Consultant” refers either to a firm providing professional engineering or other types of technical services, or to the Monterey Peninsula Water Management District (MPWMD). The term “Contractor” refers to a firm providing construction or field services such as well drilling, induction logging, or meter calibration.

M.1 Program Administration

M. 1. a
Project Budget and
Controls
(\$0)

Consultants will provide monthly or bimonthly invoices to the Watermaster for work performed under their contracts with the Watermaster. Consultants will perform maintenance of their internal budgets and schedules, and management of their subconsultants. The Watermaster will perform management of its Consultants.

M. 1. b
Assist with Board and
TAC Agendas
(\$0)

Watermaster staff will prepare Board and TAC meeting agenda materials. No assistance from Consultants is expected to be necessary to accomplish this Task.

**M. 1. c., M. 1. d, & M.1.e
Preparation for and
Attendance at Meetings,
and Peer Review of
Documents and Reports
(\$24,880)**

The Consultants' work will require internal meetings and possibly meetings with outside governmental agencies and the public. For meetings with outside agencies, other Consultants, or any other parties which are necessary for the conduct of the work of their contracts, the Consultants will set up the meetings and prepare agendas and meeting minutes to facilitate the meetings. These may include planning and review meetings with Watermaster staff. The costs for these meetings will be included in their contracts, under the specific Tasks and/or subtasks to which the meetings relate. The only meeting costs that will be incurred under Tasks M.1.c, M.1.d, and M.1.e will be:

- Those associated with attendance at TAC meetings (either in person or by videoconference connection), including providing periodic progress reports to the Watermaster for inclusion in the agenda packets for the TAC meetings, when requested by the Watermaster to do so. These progress reports will typically include project progress that has been made, problem identification and resolution, and planned upcoming work.
- From time-to-time when Watermaster staff asks Consultants to make special presentations to the Watermaster Board and/or the TAC, and which are not included in the Consultant's contracts for other tasks.

Appropriate Consultant representatives will attend TAC meetings (either in person or by videoconference connection) when requested to do so by Watermaster Staff, but will not be asked to prepare agendas or meeting minutes. As necessary, Consultants may provide oral updates to their progress reports (prepared under Task M.1.d) at the TAC meetings.

When requested by the Watermaster staff, Consultants may be asked to assist the TAC and the Watermaster staff with peer reviews of documents and reports prepared by various other Watermaster Consultants and/or entities.

**M. 1. f
QA/QC
(\$0)**

A Consultant (MPWMD) will provide general QA/QC support over the Seaside Basin Monitoring and Management Program. These costs are included in the other tasks.

**M.1.g
Prepare Documents for
SGMA Reporting
(\$2,920)**

Section 10720.8 of the Sustainable Groundwater Management Act (SGMA) requires adjudicated basins to submit annual reports. Most of the documentation that needs to be reported is already generated by the Watermaster in conjunction with preparing its own Annual Reports. However, some information such as changes in basin storage is not currently generated and will require consultant assistance to do so. This task will be used to obtain this consultant assistance, as needed.

***1.2 Comprehensive Basin Production, Water Level and Water Quality
Monitoring Program***

I. 2. a. Database Management	
I. 2. a. 1 Conduct Ongoing Data Entry and Database Maintenance/ Enhancement (\$19,252)	The database will be maintained by a Consultant (MPWMD) performing this work for the Watermaster. MPWMD will enter new data into the consolidated database, including water production volumes, water quality and water level data, and such other data as may be appropriate. Other than an annual reporting of data to another Watermaster Consultant at the end of the Water Year, as mentioned in Task I.4.c below, no reporting of water level or water quality data during the Water Year is required. However, MPWMD will promptly notify the Watermaster of any missing data or data collection irregularities that are encountered. Under this Task, when requested MPWMD will also respond to requests from consultants and others for data from the database. At the end of the Water Year MPWMD will prepare an annual water production, water level, and water quality tabulation in Access format and will provide the tabulation to another Watermaster Consultant who will use that data in the preparation of the SIAR under Task No. I.4.c of the Monitoring and Management Program. No enhancements to the database are anticipated during 2027.
I. 2. a. 2 Verify Accuracy of Production Well Meters (\$0)	Watermaster staff will maintain the Watermaster's website. To ensure that water production data is accurate, the well meters of the major producers were verified for accuracy during 2009 and again during 2015. No additional work of this type is anticipated during 2027.
I. 2. b. Data Collection Program	
I. 2. b. 1 Site Representation and Selection (\$0)	The monitoring well network review that was started in 2008 has been completed, and sites have been identified where future monitoring well(s) could be installed, if it is deemed necessary to do so in order to fill in data gaps. In 2027 the location(s) of additional monitoring wells may need to be identified, if additional monitoring wells are recommended and approved in the Seawater Intrusion Response Plan (SIRP) described under Task I.4.e.1. If this work is found to be necessary, the costs to perform it will be included in Task I.4.e.1.
I. 2. b. 2 Collect Water Levels (\$21,981)	Each of the monitoring wells will be visited on a regular basis. Water levels will be determined by either taking manual water levels using an electric sounder, or by dataloggers. The wells where the use of dataloggers is feasible or appropriate have been equipped with dataloggers. All of the other wells will be manually measured. This Task includes the purchase of one datalogger and parts for the datalogger to keep in inventory as a spare if needed.

I. 2. b. 3
Collect Water Quality
Samples.
(\$44,253)

As discussed in the 2018 Annual Report, water quality data will be collected quarterly from certain of the monitoring wells, but is no longer being collected from the four coastal Sentinel Wells. Because many years of data have shown essentially no change in aquifer water quality, beginning in WY2023 the frequency of induction logging of the Sentinel Wells was reduced to once per year.

As discussed in the 2012 Annual Report, water quality analyses were expanded to include barium and iodide ions. Since these analyses have created more than 10 years of data, as discussed in the 2022 Annual Report the analyses were no longer being performed starting in WY 2023. They will only be resumed if the other water quality parameters are indicative of seawater intrusion.

As discussed in the 2021 Annual Report, the frequency of sampling of SBWM-5 (the Camp Huffman well) has been reduced over the years. It is being sampled once every five years beginning in WY 2022, so this well will be sampled in 2027.

Water quality data may come from water quality samples that are taken from these wells and submitted to a State Certified analytic laboratory for general mineral and physical suite of analyses, or the data may come from induction logging of these wells and/or other data gathering techniques. The Consultant or Contractor selected to perform this work will make this judgment based on consideration of costs and other factors.

Sampling equipment sits in the water column and may periodically need to be replaced or repaired. Accordingly, an allowance to perform maintenance on previously installed equipment has been included in this Task. Also, in the event a sampling pump fails or is found to be no longer adequate due to declining groundwater levels, an allowance of \$900 to purchase a replacement sampling pump has been included in this Task.

I. 2. b. 4
Update Program
Schedule and Standard
Operating Procedures.
(\$0)

All recommendations from prior reviews of the data collection program have been implemented. No additional work of this type is anticipated in 2027.

I. 2. b. 5
Monitor Well
Construction
(\$0)

A well to replace Monitoring Well FO-9 Shallow, which in 2021 was found to have a leaking casing, was installed in 2023. In 2026 work was initiated to seek approval to install an additional monitoring well near Sentinel Well No. 4. If additional monitoring wells are recommended and approved in the Seawater Intrusion Response Plan (SIRP) described under Task I.4.e.1, those would also need to be installed. If new monitoring wells are approved for construction, the costs associated with that work will be included in the 2027 M&MP Capital Budget.

I. 2. b. 6 Reports (\$3,616)	This task was essentially eliminated starting in 2020 by having the data collected by MPWMD under tasks I.2.b.1, I.2.b.2, and I.2.b.3 reported in the SIAR under Task I.4.c. The work remaining under this task is for MPWMD to prepare and provide the data appendix to the Consultant that prepares the SIAR. No formalized reporting on a quarterly basis is required. However, MPWMD will promptly notify the Watermaster and the Consultant that prepares the SIAR of any missing data or data collection irregularities in the water quality and water level data collected under Tasks I.2.b.2 and I.2.b.3.
I.2.b.7 SGMA Data Submittal (\$4,248)	In 2025 the Department of Water Resources updated the portal into which adjudicated basins can submit their “voluntary well” data, which in the past had been submitted into the State’s CASGEM system. In 2027 on the Watermaster’s behalf MPWMD will compile and submit data on the Watermaster’s “Voluntary Wells” into the State’s Sustainable Groundwater Management Act (SGMA) groundwater management database. The term “Voluntary Well” refers to a well that does not have its data reported into the CASGEM system, but for which the Watermaster obtains data. This will be done in the format and on the schedule required by the Department of Water Resources under the SGMA.
I.2.b.8 Perform Subsurface Electromagnetic Imaging (\$15,500)	The 2023 induction logging revealed gradually increasing conductivity in some of the shallower formations near the coastline. In 2025 subsurface electromagnetic imaging in the vicinity of Sentinel Well No. 4 was performed. Depending on the usefulness and value of such work, additional subsurface electromagnetic imaging may be performed in 2027.
<i>I. 3 Basin Management</i>	
I. 3. a. Enhanced Seaside Basin Groundwater Model (Costs listed in subtasks below)	The Watermaster and its consultants use a Groundwater Model for basin management purposes.

I.3.a.1 Update the Existing Model (\$0)	The Model, described in the report titled “Groundwater Flow and Transport Model” dated October 1, 2007, was updated in 2009 in order to develop protective water levels, and to evaluate replenishment scenarios and develop answers to Basin management questions. The Model was again updated in 2014. In 2018 the Model was recalibrated and updated. Work continues to be performed by the Salinas Valley Basin and Marina Coast Groundwater Sustainability Agencies on the hydrogeologic modeling of the greater Salinas Valley Groundwater Basin. Significant changes in the understanding of the hydrogeology of that subbasin were identified, and updated models of that subbasin were completed in mid-2026. In order for the Watermaster’s Model to incorporate that new information and to more closely coordinate with the updated models, an evaluation of the most cost-effective means of either modifying or replacing the existing Seaside Basin model was performed in mid-2026. The conclusions of that work found that the most effective approach would be to update the Seaside Basin model, rather than replacing it with one of the other models. Consequently, in late 2026 the Seaside Basin model was updated and will be used for making basin management decisions and in implementing the Seawater Intrusion Response Plan discussed under Task I.4.e.
I. 3. a. 2 Develop Protective Water Levels (\$0)	A series of cross-sectional models was created in 2009 in order to develop protective water levels for selected production wells, as well as for the Basin as a whole. This work is discussed in Hydrometrics’ November 2009 report titled “<i>Seaside Groundwater Basin Modeling and Protective Groundwater Elevations,</i>” and is posted on the Watermaster’s website. As discussed in <u>Attachment 10</u> of the 2013 Annual Report, further work was started in 2013 to refine these protective water levels, but it was found that the previously developed protective water levels were reasonable. If appropriate, these protective water levels will be updated, and/or protective water levels will be developed for additional wells, as part of the work of Task I.3.c. or I.4.e.
I. 3. a. 3 Continue Coordination with Regional Modelers (\$16,000)	Coordination with the SVBGSA modeling teams should continue in order to help improve the performance of the Seawater Intrusion and Salinas Valley Integrated Hydrologic Models within the Seaside Subbasin.
I. 3. a. 4 Address Performance Gaps (\$40,000)	Recent work has identified several differences between the Model and regional models that likely contribute to performance gaps. To address these gaps, prepare aquifer-by-aquifer water budget comparisons, perform a flow-divide behavior analysis, and evaluate deep recharge estimation methods across models.
I. 3. a. 5 Predictive Future Baseline Simulation (\$40,000)	Predictive simulations of proposed management actions require a “no-project” baseline future conditions simulation against which the impacts of the proposed project can be compared. Develop a baseline simulation using the Updated Model for use in conducting proactive evaluations under Part 1 of the Pumping Redistribution Plan of the SIRP in Task I.4.e.1.

**I. 3. a. 6
Evaluate Replenishment
Scenarios and Develop
Answers to Basin
Management Questions
(\$40,000)**

Modeling performed to date indicates that the solution to the problem of water levels in the Seaside Basin being below Protective Water Levels will be to inject replenishment water.

Two projects have been, or are being, implemented to provide additional water to supply customer demands and/or for Basin replenishment. The first is the Pure Water Monterey Expansion (PWMX) Project which became operational in late 2025. The PWMX Project increased the capacity of the existing 3,500 AFY PWM Project by 2,250 AFY. The second is the Monterey Peninsula Water Supply Project's (MPWSP) desalination plant which is expected to begin construction in 2026. The proponent of the MPWSP, California American Water, anticipates that the plant will become operational in late 2029. Growth is built into each of these projects' plant capacity, and the full capacity of these plants will likely not all be needed for some years into the future. During the time period that these projects would have excess capacity, they could potentially provide water for Basin replenishment.

Montgomery & Associates agrees that injection is the quickest way to bring groundwater levels up in the Seaside Basin. Modeling performed in 2022 and 2023 found that on average between 1,000 and 3,700 AFY of replenishment water will need to be needed, depending on future water demands and rainfall. Implementation of the PWMX and desalination projects will help to replenish the basin by a combination of reducing extraction of native groundwater and by injection of water into the basin.

Modeling performed in 2014, 2015, and 2016 led to the conclusion that groundwater levels in parts of the Laguna Seca Subarea will continue to fall, even if all pumping within that subarea is discontinued, because of the influence of pumping from areas near to, but outside of, the Basin boundary. The Groundwater Sustainability Plan for the Corral de Tierra subarea of the Monterey Subbasin includes projects to help to alleviate this problem, but they will be insufficient to completely alleviate it.

This Task includes a \$40,000 allowance to perform further modeling or analyses pertaining to Basin management issues if so directed by the Watermaster Board.

I. 3. b. Complete Preparation of Basin Management Action Plan (\$0)	The Watermaster's Consultant completed preparation of the Basin Management Action Plan (BMAP) in February 2009. The BMAP serves as the Watermaster's long-term seawater intrusion prevention plan. The Sections that are included in the BMAP are: Executive Summary Section 1 – Background and Purpose Section 2 – State of the Seaside Groundwater Basin Section 3 – Supplemental Water Supplies Section 4 –Groundwater Management Actions Section 5 – Recommended Management Strategies Section 6 – References
I. 3. c. Refine and/or Update the Basin Management Action Plan (\$0)	In 2019 the BMAP was updated based on new data and knowledge that has been gained since it was prepared in 2009. No further work of this type is anticipated in 2027. However, although no funds are budgeted for this Task in 2027, since the Groundwater Sustainability Plan (GSP) for the adjacent Monterey Subbasin of the Salinas Valley Groundwater Basin was completed in early 2022, at some point it may be appropriate to further update the BMAP to reflect the impacts of implementing that GSP.
I. 3. d. Evaluate Coastal Wells for Cross-Aquifer Contamination Potential (\$0)	If seawater intrusion were to reach any of the coastal wells in any aquifer, and if a well was constructed without proper seals to prevent cross-aquifer communication, or if deterioration of the well led to casing leakage, it would be possible for the intrusion to flow from one aquifer to another. An evaluation of this was performed in 2012 and is described in Attachment 10 of the 2012 Annual Report. In 2021 the Watermaster TAC examined the feasibility of performing conductivity profiling of certain of the near-coastal wells that were evaluated in the 2012 Memorandum, as a method of determining if any of those wells was allowing downward migration of intruded water from the shallow dunes aquifer to enter the Paso Robles aquifer. However, it was concluded that conditions in those wells would make it infeasible to perform such work. No further work of this type is anticipated in 2027.

**I.3. e.
Seaside Basin Geochemical
Model
(\$10,000)**

When new sources of water are introduced into an aquifer, with each source having its own unique water quality, there can be chemical reactions that may have the potential to release minerals which have previously been attached to soil particles, such as arsenic or mercury, into solution and thus into the water itself. This has been experienced in some other locations where changes occurred in the quality of the water being injected into an aquifer. MPWMD's consultants used geochemical modeling to predict the effects of injecting Carmel River water into the Seaside Groundwater Basin under the ASR program.

In 2019 a geochemical evaluation of introducing advance-treated water from the Pure Water Monterey Project was performed. That evaluation concluded that there would be no adverse geochemical impacts as a result of introducing that water into the Basin. A similar evaluation of the impact of introducing ASR water also concluded that there would be no adverse geochemical impacts.

If the Monterey Peninsula Water Supply Project's desalination plant is expected to inject desalinated water into the Basin, an evaluation of this type will need to be performed, once that project proceeds into the construction phase.

If the geochemical evaluation of injecting desalinated water indicates the potential for problems to occur, then Montgomery and Associates may use the Watermaster's updated groundwater model, and information about injection locations and quantities, injection scheduling, etc. provided by MPWMD and/or California American Water for this project, to develop model scenarios to see if the problem(s) can be averted by changing delivery schedules and delivery quantities. This Task includes an allowance of \$10,000 to have Montgomery and Associates perform such modeling, if necessary.

If the modeling predicts that there may be adverse impacts from introducing desalinated water, measures to mitigate those impacts will be developed under a separate task that will be created for that purpose when and if necessary.

***I. 4 Seawater Intrusion Response Plan (formerly referred to as the
Seawater Intrusion Contingency Plan)***

**I. 4. a.
Oversight of Seawater
Intrusion Detection and
Tracking
(\$0)**

Consultants will provide general oversight over the Seawater Intrusion detection program under the other Tasks in this Work Plan.

I. 4. b.

No longer needed.

I. 4. c. Annual Report- Seawater Intrusion Analysis (\$38,670)	At the end of each water year, a Consultant will reanalyze all water quality data. Water level and water quality data will be provided to the Consultant by another Consultant (MPWMD) in MS Access format. The Consultant will put this data into a report format and will include it as an attachment to the Seawater Intrusion Analysis Report. If possible, semi-annual chloride concentration maps will be produced for each aquifer in the basin. Time series graphs, trilinear graphs, and stiff diagram comparisons will be updated with new data. The induction logs will be analyzed to identify changes in seawater wedge locations. If subsurface electromagnetic imaging is performed in 2027 under Task I.2.b.8, information from that work will be used to supplement this data. All analyses will be incorporated into an annual report that follows the format of the initial historical data report. Potential seawater intrusion will be highlighted in the report, and if necessary, recommendations will be included. The annual report will be submitted for review by the TAC and the Board. Modifications to the report will be incorporated based on input from these bodies, as well as Watermaster staff.
I. 4. d.	No longer needed.
I. 4. e. Refine and/or Update the Seawater Intrusion Response Plan (\$12,000)	Due to the observation of increasing conductivity in the 2023 induction logging in some of the shallower formations near the coastline, it was determined that in 2025 it was appropriate to update the 2009 SIRP. The updated SIRP was completed in late 2025 and includes the incorporation of data that was obtained since 2009 and technology and techniques that make the SIRP more practical and useful. When the Updated SIRP was adopted it was understood that, after the Updated Groundwater Model had been used to prepare Part 1 of the Pumping Redistribution Plan recommended in that document, the SIRP would again be updated to incorporate the results of that work. This Task is intended to provide for performing that further updating work.

I. 4. e.1 Implement Recommendations in the Updated Seawater Intrusion Response Plan (Costs included in the subtasks below)	The Updated SIRP contains recommendations for proactive actions the Watermaster could take to make in advance of the actual detection of seawater intrusion, to make it possible to more rapidly implement the SIRP, if seawater intrusion is subsequently determined to be occurring. Time is of the essence and the first part of the Pumping Redistribution Plan must be completed as soon as possible after the Seaside Basin groundwater model has been updated in 2026. Completing Part 1 will provide well pumpers with more time to plan for operational changes that will need to be implemented if seawater intrusion is declared. Should the Watermaster make a Declaration of Seawater Intrusion, having the Part 1 evaluations available will allow Part 2 to be implemented more quickly. In the context of the Updated SIRP these terms have the following meanings: • “Impacted Well” means a monitoring or production well that has been intruded by seawater. • “At Risk Well” means a production well that has the potential to become impacted by seawater intrusion based on its proximity to an Impacted Well(s), local groundwater gradients, and other conditions. Once the Seaside Basin groundwater model has been updated, the proactive evaluations listed below should be completed.
I. 4. e. 1. a Identify At Risk Wells (\$25,000)	Identify At Risk well(s) where seawater intrusion might occur. The groundwater model can be used to indicate which wells may be impacted if seawater intrusion is observed at individual monitoring or production wells.
I. 4. e. 1. b Estimate Groundwater Conditions That Protect Production Wells (\$25,000)	Protective elevations have already been established to determine coastal groundwater conditions that protect production wells. If protective coastal elevations are not met, production wells can be protected by reversing the hydraulic gradient back toward the ocean.
I. 4. e. 1. c Evaluate Each Production Wells’ Influence on Potential Seawater Intrusion at Each Monitoring and Production Well (\$35,000)	All production wells in the Seaside Groundwater Basin will be evaluated using the numerical groundwater model or by analytical modeling and ranked by their relative influence on groundwater gradients that may cause seawater intrusion and migration. Modeling will be used to evaluate how much reduction in pumping at specific wells will reduce the gradients driving seawater intrusion between potentially Impacted and non-impacted wells to a degree that sea water intrusion does not spread further. One or more recommended pumping scenarios that achieve the maximum acceptable gradients between Impacted and At Risk well(s) should be developed.
I. 4. f. If Seawater Intrusion is Determined to be Occurring, Implement Contingency Response Plan (\$0)	The SIRP will be implemented if seawater intrusion, as defined in the SIRP, is determined by the Watermaster to be occurring.

**Seaside Groundwater Basin Watermaster
Replenishment Fund Proposed Budget October 7, 2026
Fiscal (Calendar) Year 2027**

	<u>2026</u> <u>Budget</u>	<u>2026</u> <u>Estimated Total</u>	<u>2027</u> <u>Proposed</u> <u>Budget</u>
Assessment Income			
Rollover *	\$ 13,364	\$ 13,364	\$ 52,846
Mission Memorial Park	0	39,482	0
Totals	<u>13,364</u>	<u>52,846</u>	<u>52,846</u>
Expenditures			
Legal Services - Replenishment	0	0	0
Total Expenses	0	0	0
Total Available	<u>13,364</u>	<u>52,846</u>	<u>52,846</u>
	<u><u> </u></u>	<u><u> </u></u>	<u><u> </u></u>

** Mission Memorial Park overproduced in Water Years 2021 and 2022 for a total assessment of \$28,510;
\$15,146.25 has been expended to-date for Legal replenishment related service.*

**SEASIDE GROUNDWATER BASIN
WATERMASTER**

TO: Board of Directors

FROM: Robert S. Jaques, Technical Program Manager

DATE: October 7, 2026

SUBJECT: Consider Approving the Following Professional Service Contracts for Fiscal Year 2027

RECOMMENDATIONS:

Approve these contracts for FY 2027:

1. Montgomery & Associates RFS No. 2027-01 and RFS No. 2027-02
2. Martin Feeney RFS No. 2027-01
3. Gus Yates PSA and RFS No. 2027-01
4. MPWMD SOW No. 2027-01
5. Klein, DeNatale, Goldner, LLP RFS No. 2027-01

BACKGROUND:

Attached are the proposed initial contracts for each of the Watermaster's consultants that are expected to work on M&MP activities in 2027, and one contract for Watermaster legal counsel services in 2027. Montgomery & Associates (M&A), Martin Feeney, and Gus Yates, and Klein are currently working under a master form of agreement with the Watermaster called a "Professional Services Agreement" (PSA). Actual work assignments are made through the issuance of "Requests for Service" (RFS) under the umbrella language of the PSA. MPWMD is working under a Master Agreement that MPWMD developed in 2021. Rather than RFSs, this new Master Agreement calls for actual work assignments to be made through the issuance of "Scopes of Work" (SOW) under the umbrella language of the Master Agreement.

DISCUSSION:

The attached RFSs and the one SOW constitute the proposed initial 2027 work assignments for each of these consultants as follows:

- Montgomery & Associates RFS No. 2027-01 covering their providing general hydrogeologic consulting services and for providing assistance in preparing documents that the Watermaster will need to submit to fulfill its reporting requirements under the Sustainable Groundwater Management Act.
- Montgomery & Associates RFS No. 2027-02 covering their preparing the 2027 SIAR.
- MPWMD SOW No. 2027-01 covering their anticipated 2027 M&MP tasks, and covering their obtaining water quality and water level data from private producers who ask the Watermaster collect this data for them. The costs for the latter work are reimbursed by the private producers, and there is no net cost to the Watermaster for performing that work.
- Martin Feeney RFS No. 2027-01 covering his providing general as-requested hydrogeologic consulting services.
- Gus Yates PSA and RFS No. 2027-01 covering his providing general as-requested hydrogeologic consulting services.
- Jeff Warren and RFS No. 2027-01 covering legal services.

These consultants have reviewed the cost and scope details of these proposed contracts and their input has been included in the attached contracts. The M&MP contracts were reviewed and approved by the

TAC at its August 12, 2026 meeting. The funds for these contracts are included in the Monitoring and Management Program Operations Budget that the Board approved at its October 1, 2025 meeting.

If geochemical modeling needs to be performed on Cal Am's desalination plant water in 2027, and if that indicates the need to develop mitigation measures for possible adverse impacts from introducing non-native water into the Basin, I will develop an additional RFS for Montgomery & Associates during 2027 to use the Seaside Basin Groundwater Model to provide information for use in performing that geochemical modeling to develop such mitigation measures.

Also, if it is decided that additional geophysical imaging near Sentinel Well No. 4, or elsewhere in the Basin, will be able to provide useful information, an RFS for Geophysical Imaging Partners to perform additional subsurface imaging in 2027 can be prepared.

The Board is being asked to approve these contracts now so they can become effective January 1, 2027.

ATTACHMENTS:

6 - Proposed Consultant Contracts for FY 2027:

- Two RFSs – Montgomery & Associates
- One RFS – Martin Feeney
- One PSA and 1 RFS – Gus Yates
- One SOW – MPWMD
- One RFS – Klein et al.

SEASIDE BASIN WATERMASTER
REQUEST FOR SERVICE

DATE: January 1, 2027

RFS NO. 2027-01

(To be filled in by WATERMASTER)

TO: Georgina King
Montgomery & Associates
PROFESSIONAL

FROM: Robert Jaques
WATERMASTER

Services Needed and Purpose: General hydrogeologic consulting and document preparation services. See Scope of Work in Attachment 1.

Completion Date: All work of this RFS shall be completed not later than December 31, 2027, and shall be performed in accordance with the Schedule contained in Attachment 2.

Method of Compensation: Time and Materials (As defined in Section V of Agreement.)

Total Price Authorized by this RFS: \$ 19,800.00 (Cost is authorized only when evidenced by signature below.) (See Attachment 1 for Estimated Costs).

Total Price may not be exceeded without prior written authorization by WATERMASTER in accordance with Section V. COMPENSATION.

Requested by: _____ Date:_____.
WATERMASTER Technical Program Manager

Agreed to by: _____ Date:_____.
PROFESSIONAL

ATTACHMENT 1

SCOPE OF WORK

On an ongoing and as-requested basis, PROFESSIONAL will provide general hydrogeologic consulting services to WATERMASTER on a variety of topics. These may include, but not be limited to interpretation of water level and water quality data collected by WATERMASTER, BMAP and SIRP implementation issues, and preparation of documents for WATERMASTER's use in fulfilling its Sustainable Groundwater Management Act reporting requirements.

Providing these services will likely involve attending certain of WATERMASTER's Technical Advisory Committee (TAC) meetings, most of which will be attended remotely. These TAC meetings do not include special TAC or other meetings which may be required as part of performing other work which may be authorized under other RFSs issued to PROFESSIONAL by WATERMASTER. Any such other scope and cost proposals will incorporate costs for those meetings.

The Tasks in WATERMASTER's 2027 Monitoring and Management Program (M&MP) to which this RFS No. 2027-01 pertains are:

- M. 1. c & M.1. d - Preparation and Attendance of Meetings
- M. 1. e - Peer Review of Documents and Reports
- M.1.g – Sustainable Groundwater Management Act Documentation Preparation

ESTIMATED COSTS

Tasks M.1.c, M.1.d, and M.1.e: General Consulting Services will consist of working on these Tasks and attending some TAC and other meetings either remotely or in-person in Monterey, as requested by WATERMASTER.

\$16,880 in labor, travel, and incidental costs of this RFS No. 2027-01 are allocated to performing work on these Tasks.

Task M.1.g: Section 10720.8 of the Sustainable Groundwater Management Act (SGMA) requires adjudicated basins to submit annual reports. Most of the documentation that needs to be reported is already generated by the WATERMASTER in conjunction with preparing its own Annual Reports. However, information regarding changes in basin storage is not currently generated. PROFESSIONAL will provide an estimate of the change in basin storage under this RFS No. 2027-01.

\$2,920 in labor costs of this RFS No. 2027-01 are allocated to performing work for Task M.1.g.

All work under this RFS No. 2027-01 will be billed at the hourly rates shown in the table below, including all markups and other direct costs. The total cost authorized by this RFS No. 2027-01 is \$19,800.00. These costs are summarized in the table below.

Task	Hours			Costs		
	Derrick Williams \$345/hr	Georgina King \$290/hr	Staff \$195/hr	Consulting Fees	Expenses	Total Costs
Prepare 2027 Change in Storage Calculation per SGMA Requirements	0	2	12	\$2,920	\$0	\$2,920
General Consulting	4	40	20	\$16,880	\$0	\$16,880
TOTALS	4	42	32	\$19,800	\$0	\$19,800

ATTACHMENT 2
SCHEDULE

Montgomery & Associates RFS No. 2027-01 Work Schedule

[illegible]

SEASIDE BASIN WATERMASTER
REQUEST FOR SERVICE

DATE: 1/1/2027

RFS NO. 2027-02

(To be filled in by WATERMASTER)

TO: Georgina King
PROFESSIONAL

FROM: Robert Jaques
WATERMASTER

Services Needed and Purpose: Prepare the Seawater Intrusion Analysis Report for 2027.
See Scope of Work in Attachment 1.

Completion Date: All work of this RFS shall be completed not later than January 31, 2028,
and shall be performed in accordance with the Schedule contained in Attachment 2.

Method of Compensation: Time and Materials (As defined in Section V of Agreement.)

Total Price Authorized by this RFS: \$ 38,670.00 (Cost is authorized only when evidenced
by signature below.) (See Attachment 3 for Detailed Breakdown of Estimated Costs).

Total Price may not be exceeded without prior written authorization by WATERMASTER in
accordance with Section V. COMPENSATION.

Requested by: _____ Date: _____.
WATERMASTER Technical Program Manager

Agreed to by: _____ Date: _____.
PROFESSIONAL

ATTACHMENT 1

SCOPE OF WORK

The scope consists of providing professional consulting services to WATERMASTER for preparation of the 2027 Seawater Intrusion Analysis Report (SIAR).

To promote efficiency, much of the text and graphics from the 2026 SIAR will be incorporated directly into the 2027 SIAR.

Preparing the 2027 SIAR will involve analyzing all water quality data at the end of Water Year 2027 (October 1, 2026 to September 30, 2027) and producing semi-annual (2nd and 4th quarters 2027) chloride concentration maps for each aquifer in the Basin. Time series graphs, trilinear graphs, and stiff diagram comparisons will be updated with new data. Second and fourth quarter groundwater elevation maps will also be produced. The annual EM logs will be analyzed to identify changes in seawater wedge locations. A determination of whether there is any evidence of seawater intrusion will be made, and recommendations will be included as warranted.

Water level and water quality data for WY 2027 will be provided to PROFESSIONAL in MS Excel format. PROFESSIONAL will put this data into a report format and will include it as an attachment to the 2027 SIAR.

A Draft 2027 SIAR will be provided to WATERMASTER in electronic (not printed) form for review. WATERMASTER will provide its review comments and those of its TAC members through direct discussions with PROFESSIONAL at a TAC meeting which PROFESSIONAL will attend remotely via teleconference or Zoom. In addition to these oral comments, some TAC members may also provide recommended editorial changes electronically directly to PROFESSIONAL. These comments will be addressed in a Final 2027 SIAR. PROFESSIONAL will also present the Final version of the SIAR to the Board at a meeting which PROFESSIONAL will attend remotely via teleconference or Zoom. A PDF and MS Word version of the Final 2027 SIAR will be provided to WATERMASTER. No printed copies of the 2027 SIAR will be required.

ATTACHMENT 2

Montgomery & Associates RFS No. 2027-02 Work Schedule														
ID	Task Name	Qtr 1, 2027			Qtr 2, 2027			Qtr 3, 2027			Qtr 4, 2027			Jan
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	I.4.c Annual Seawater Intrusion Analysis Report (SIAR)													
2	HydroMetrics Provides Draft SIAR to Watermaster											◆ 11/24		
3	TAC Approves Annual Seawater Intrusion Analysis Report (SIAR)											◆ 12/8		
4	Board Approves Annual Seawater Intrusion Analysis Report (SIAR)												◆ 1/5	
Montgomery RFS No 2027-02 Schedule 6-24-26 Page 1														

ATTACHMENT 3

DETAILED BREAKDOWN OF ESTIMATED COSTS

Note: Regardless of the use of the term "Estimated Cost" in this RFS, if the work of this RFS is to be compensated for using Lump Sum Payment method, it is understood and agreed to by PROFESSIONAL that the Total Price listed on page 1 of this RFS is binding and limiting as defined in Section V of the Agreement.

2027 Seawater Intrusion Analysis Report

Task	Hours				Costs		
	Georgina King	Nick Byler	Staff	Technical Editor	Consulting Fees	Expenses	Total Costs
	\$290/hr	\$215/hr	\$165/hr	\$95/hr			
Prepare 2027 SIAR, including added appendices for groundwater levels and quality	40	60	60	4	\$34,780	\$0	\$34,780
Prepare for and Attend One TAC Meeting and One Board Meeting Online to Present Results of SIAR	10	0	6	0	\$3,890	\$0	\$3,890
TOTALS	50	60	66	4	\$38,670	\$0	\$38,670

SEASIDE BASIN WATERMASTER
REQUEST FOR SERVICE

ITEM VII.B.2
10/7/26

DATE: January 1, 2027

RFS NO. 2027-01

(To be filled in by WATERMASTER)

TO: Martin Feeney
Martin Blair Feeney
PROFESSIONAL

FROM: Robert Jaques
WATERMASTER

Services Needed and Purpose: Consultation and other hydrogeologic services. See Scope of Work in Attachment 1.

Completion Date: All work of this RFS shall be completed not later than December 31, 2027.

Method of Compensation: Time and Materials (As defined in Section V of Agreement.)

Total Price Authorized by this RFS: \$4,000.00 (Cost is authorized only when evidenced by signature below.)
(See Attachment 1 for derivation of this Total Price).

Total Price may not be exceeded without prior written authorization by WATERMASTER in accordance with Section V. COMPENSATION.

Requested by: _____ **Date:** _____.
WATERMASTER Technical Program Manager

Agreed to by: _____ **Date:** _____.
PROFESSIONAL

ATTACHMENT 1

On an ongoing and as-requested basis, PROFESSIONAL will provide general hydrogeologic consulting services to WATERMASTER on a variety of topics. These may include, but not be limited to, interpretation of water level and water quality data, and seawater intrusion analysis issues. In addition PROFESSIONAL may be asked by the Monterey Peninsula Water Management District (MPWMD) to provide support in performing induction logging of WATERMASTER's Sentinel Wells, work which in the past PROFESSIONAL has performed.

Providing these services may involve attending certain of WATERMASTER's Technical Advisory Committee (TAC) and /or Board meetings, most of which will be attended telephonically or via Zoom.

Consulting services will be provided at the rate of \$210/hour. Related other direct costs (such as travel costs) will be billed at actual cost. Services under this RFS No. 2027-01 will only be provided when specifically requested by WATERMASTER.

The total cost authorized by this RFS No. 2027-01 is \$4,000.

SEASIDE BASIN WATERMASTER
REQUEST FOR SERVICE

ITEM VII.B.3
10/7/26

DATE: January 1, 2027

RFS NO. 2027-01
(To be filled in by WATERMASTER)

TO: Gus Yates
PROFESSIONAL

FROM: Robert Jaques
WATERMASTER

Services Needed and Purpose: See Scope of Work in Attachment 1.

Completion Date: All work of this RFS shall be completed not later than December 31, 2027.

Method of Compensation: Time and Materials (As defined in Section V of Agreement.)

Total Price Authorized by this RFS: \$ 4,000.00 (Cost is authorized only when evidenced by signature below.) (See Attachment 1 for Estimated Costs).

Total Price may not be exceeded without prior written authorization by WATERMASTER in accordance with Section V. COMPENSATION.

Requested by: _____ **Date:** _____
WATERMASTER Technical Program Manager

Agreed to by: _____ **Date:** _____
PROFESSIONAL

ATTACHMENT 1

Scope of Work

On an ongoing and as-requested basis PROFESSIONAL will provide hydrogeologic consulting services to WATERMASTER on groundwater modeling and related topics. These may include, but not be limited to, responding to questions regarding the Seaside Basin Model that HydroMetrics WRI and Montgomery & Associates has prepared for WATERMASTER, assisting in the interpretation of modeling results, and other related activities.

Providing these services may involve attending certain of WATERMASTER's Technical Advisory Committee (TAC) meetings, which will normally be attended telephonically or via Zoom.

Estimated Costs

Consulting services will be provided at the rate of \$260/hour. Related other direct costs (such as travel costs) will be billed at actual cost. Services under this RFS No. 2027-01 will only be provided when specifically requested by WATERMASTER.

The total cost authorized by this RFS No. 2027-01 is \$4,000.00.

SEASIDE BASIN WATERMASTER
SCOPE OF WORK

Note: The work described in this Scope of Work (SOW) will be performed in accordance with the terms and conditions set forth in the Master Services Agreement for Groundwater Monitoring and Database Services (Agreement) executed between the Monterey Peninsula Water Management District (DISTRICT) and the Seaside Groundwater Basin Watermaster (WATERMASTER), with an effective date of January 1, 2022.

DATE: January 1, 2027

SOW NO. 2027-01
(To be filled in by WATERMASTER)

TO: Jonathan Lear
DISTRICT

FROM: Robert Jaques
WATERMASTER

Services Needed and Purpose:

Perform certain Tasks contained within the Watermaster's Monitoring and Management Plan for 2027 (M&MP) (See detailed Scope of Work in Attachment 1).

Schedule:

The work of this SOW No. 2027-01 shall be completed in accordance with the column titled "Schedule" in Table 1 of Attachment 1, and at the frequencies shown in Table 2 of Attachment 1.

Method of Compensation:

Time and Material Payment Method (As defined in Section 6 of the Agreement).

Total Price Authorized by this SOW:

\$ 93,260.00 (See Attachment 1 for a Breakdown of this Total Price. Cost is authorized only when evidenced by signature below.)

Total Price may not be exceeded without prior written authorization by WATERMASTER in accordance with Section 6 of the Agreement (Payment of Services).

Requested by: _____ **Date:** _____
WATERMASTER

Agreed to by: _____ **Date:** _____
DISTRICT

ATTACHMENT 1

Detailed Scope of Work for SOW No. 2027-01

Background:

This SOW No. 2027-01 authorizes DISTRICT to perform certain work on certain of the Tasks described in the WATERMASTER's 2027 M&MP. The Task numbers listed in the first column of Table 1 below correspond to the Task numbers in the 2027 M&MP. The Task numbers listed in the second column of Table 1 correspond to DISTRICT's task numbering system.

The wells from which water level and water quality data are to be obtained are listed below in Table 2.

Table 1. Scope of Work and Costs							
WATERMASTER M&MP Task No.	DISTRICT Task No.	Description	Time (Hours)	Rate	Cost	Comments	Schedule
I.2.b.2	1	<u>Collect Monthly Water Levels</u>					Ongoing
		Collect Monthly Water levels at 18 wells	96	\$120.5	\$11,568		
I.2.b.2	2	<u>Collect Quarterly Water Levels</u>					Ongoing
		Collect Quarterly Water levels at 8 wells	32	\$120.5	\$3,856		
I.2.b.3	3	<u>Collect Quarterly Water Quality Samples</u>					Ongoing
		Collect 6 Water Quality Samples Quarterly (24 total Samples)	48	\$120.5	\$5,784		
		Order bottles and COC to Laboratory	4	\$120.5	\$482		
I.2.b.3	4	<u>Collect Annual Water Quality Samples</u>					Ongoing
		Collect 12 Water Quality Samples Annually	16	\$120.5	\$1,928		
		Order bottles and COC to Laboratory	1.5	\$120.5	\$181		
		RMA/Procure Replacement pump and Deploy (replaces one pump)	8	\$120.5	\$964	Only if necessary	
I.2.a.1	5	<u>Enter Water Level Data QA/QC</u>					Ongoing
		Enter Qa/QC 272 Water Level Measurements Collected by MPWMD	20	\$177.0	\$3,540		
		Enter Qa/QC 264 Water Level Measurements Reported to Watermaster	20	\$177.0	\$3,540		
I.2.a.1	6	<u>Enter Water Quality Data QA/QC</u>					Ongoing
		Enter Qa/QC 45 Water Quality Samples Collected by MPWMD	40	\$177.0	\$7,080		
		Enter Qa/QC 12 Water Quality Samples Reported to Watermaster	16	\$177.0	\$2,832		
I.2.b.7	7	<u>Upload Water Level Data to CASGEM</u>					Ongoing
		Upload 536 Water Level Measurements to DWR Database	24	\$177.0	\$4,248		
I.2.b.6	8	<u>Provide Data Tabulation for SIAR Appendix</u>					November-27
		Tabulate and Transfer Water Level and Quality Data to Watermaster Consultant	16	\$226.0	\$3,616		
I.2.a.1	9	<u>Respond to Data Requests</u>					Ongoing
		Produce Data Requests as Necessary	10	\$226.0	\$2,260	Only if necessary	
I.2.b.2	10	<u>Annual Data Logger Downloads and Data Transfer</u>					Ongoing
		Download Loggers Field Work	24	\$120.5	\$2,892		
		Transfer data	4	\$226.0	\$904		October-27
		Exchange logger if not working RMS process (replaces one logger)	4	\$120.5	\$482	Only if necessary	
		Answer questions re transferred logs	2	\$226.0	\$452	Only if necessary	
		Program and Deploy New Data Logger	2	\$120.5	\$241	Only if necessary	
I.2.b.3	11	<u>Water Quality Sample for Camp Huffman</u>					Not sampled in 2027
		Air lift samples from Camp Huffman Deep and Shallow	0	\$120.5	\$0		
		Air lift samples from Camp Huffman Deep and Shallow	0	\$226.0	\$0		
I.2.b.3	12	<u>Sentinel Well MPWMD Labor</u>	12	\$120.5	\$1,446		October-27
I.2.b.3	N/A	<u>Administrative Staff</u>					Ongoing
		Create Billings and Cut Checks to Water Quality Laboratory	8	\$89.0	\$712		

WATERMASTER M&MP Task No.	DISTRICT Task No.	Item	Quantity	Rate	Subtotal	
		Labor (Hours)	407.5	Varies	\$59,008	
I.2.b.2	1, 2, 3, 4, and 10	Estimated Fleet Support (Mileage)	850	\$ 0.76	\$646	
I.2.b.3	12	Pacific Surveys - Sentinel Well Induction Logging	1	\$ 13,246	\$13,246	
I.2.b.3	3 and 4	Watermaster Standard Panel Laboratory Analysis (Number of Analyses)	40	\$ 459	\$18,360	
I.2.b.3	11	Air Compressor rental (Camp Huffman)	0	\$ 300	\$0	
I.2.b.3	3 and 4	Fuel (CO2 Bottle) to run sample pump	10	\$ 25	\$250	
I.2.b.3	3 and 4	Replacement Low Flow Pump	1	\$ 900	\$900	Only if necessary
I.2.b.2	1, 2, and 10	Replacement Data Logger	1	\$ 850	\$850	Only if necessary
		TOTAL			\$93,260	
		If necessary total =	\$6,149			
Note: Fleet Support, Laboratory Fees, Co2 Bottle Exchange, Data Loggers, and Sample Pumps are estimated costs.						
Direct costs incurred by District will be passed through to the Watermaster according to the Time and Expense method in the Master Services Agreement.						

Table 2.

Monthly Water Levels

- 1 MSC - Shallow
- 2 MSC - Deep
- 3 FO 10 (S)
- 4 FO 10 (D)
- 5 CDM MW-1
- 6 CDM MW-2
- 7 CDM MW-3
- 8 CDM MW-4
- 9 Plumas 1990 Test
- 10 K-Mart
- 11 MW-BW-08A
- 12 MW-BW-09
- 13 Sand City Public Works
- 14 CAW Granite Construction
- 15 Cypress Pacific
- 16 Dand City - Design Center
- 17 DBO - Target
- 18 MMP - MM Production
- 19 PCA West (S)
- 20 PCA West (D)

Quarterly Water Quality Sampling

- 1 PCA W (S)
- 2 PCA W (D)
- 3 MSC (S)
- 4 MSC (D)
- 5 FO 09 (D)
- 6 FO 10 (S)

Annual Water Quality Sampling

- 1 PCA E (S)
- 2 PCA E (D)
- 3 Ord Terrace (S)
- 4 FO 10 (D)
- 5 CAW Del Monte Observation
- 6 Sand City Public Works
- 7 Laguna Seca County Park #2
- 8 York School
- 9 Laguna Seca Golf New #12
- 10 Pasadera Main Gate
- 11 Cypress Pacific
- 12 MMP - MM Production

Quarterly Water Levels

- 1 SBWM MW-1
- 2 SBWM MW-2
- 3 SBWM MW-3
- 4 SBWM MW-4
- 5 Camp Huffman (S)
- 6 Camp Huffman (D)
- 7 Shea
- 8 Laguna Seca Driving Range

**Water Level Data Reported to
Watermaster**

- 1 SNG
- 2 LSCP
- 3 Nicolas
- 4 City of Seaside
- 5 CalAm

SEASIDE BASIN WATERMASTER
REQUEST FOR SERVICE

ITEM VII.B.5
10/7/26

DATE: January 1, 2027

RFS NO. 2027-01

TO: Jeff Warren
Klein, DeNatale, Goldner, LLP
PROFESSIONAL

FROM: Toni Gibbs
WATERMASTER

Services Needed and Purpose: Provide legal services to assist as may be requested by Watermaster.

Completion Date: All work under this RFS will be completed no later than December 31, 2027.

Method of Compensation: Time and Expense Payment Method. Hourly rates are described in Attachment 1.

Total Price Authorized by this RFS: \$12,500.00 (Cost is authorized only when evidenced by signature below.)

(See Attachment 1 for derivation of Estimated Costs).

Total Price may not be exceeded without prior written authorization by WATERMASTER in accordance with Section V. COMPENSATION.

Requested by: _____ **Date:** _____
Toni Gibbs, Administrative Officer

Authorized by: _____ **Date:** _____
Mary Ann Carbone
WATERMASTER Chairperson of the Board

Agreed to by: _____ **Date:** _____
Jeff Warren
PROFESSIONAL

ATTACHMENT 1

SCOPE OF WORK AND ESTIMATED COSTS

BACKGROUND

Under RFS No. 2027-01, PROFESSIONAL will render opinions on adjudicated basin related legal matters, interact with the judge presiding in the matter, attend meetings, review documents, determine appropriate response by Watermaster to Public Records Act requests, and other work as necessary to assist WATERMASTER. Requests for assistance will normally be made by email or by telephone by WATERMASTER staff.

ESTIMATED COSTS

\$425 for attorneys with ten or more years' experience
\$395 for attorneys with more than five years' experience
\$345 for attorneys with less than five years' experience.

Work examples: time spent preparing documents, legal research, negotiations, conferences, telephone calls, emails, travel time and any time in court or before any government agency.

Since there is no detailed scope of work for this RFS, it is not possible to provide a detailed breakdown of estimated costs. Based on experience with previous legal counsel, it is estimated that PROFESSIONAL may provide up to 29.4 hours of time assisting WATERMASTER with the work to be performed under this RFS. At PROFESSIONAL's hourly rate of \$425, this would amount to \$12,500.00. This serves as the basis for the Total Price set forth on page 1 of this RFS No. 2027-01.

10/7/26

TO: Watermaster Board of Directors
FROM: Toni Gibbs, Administrative Officer
DATE: October 7, 2026
SUBJECT: Water Year 2027 Overproduction Replenishment Assessment Unit Costs for Water

RECOMMENDATION: Consider adopting a Replenishment Assessment Unit Cost of \$4,587 and \$1,147/AF for Natural Safe Yield and Operating Yield Overproduction, respectively, for Water Year 2027.

BACKGROUND: Per page 33 of the Decision, “The per acre-foot (AF) amount of the Replenishment Assessments shall be determined and declared by Watermaster in October of each Water Year in order to provide Parties with advance knowledge of the cost of Over-Production in that Water Year.” Thus, the per acre-foot amount determined by the Board on or before October of 2026 will be used to calculate Replenishment Assessments for pumping that occurs during Water Year 2027 (October 1, 2026 through September 30, 2027).

For Water Years 2014, 2015, and 2016 the Board adopted a Replenishment Assessment Unit Cost of \$2,702/AF for Natural Safe Yield Overproduction. This unit cost was developed starting with Water Year 2014 by taking the average of the Base Unit Cost (\$/AF) of the four potential water supply projects that the Board felt were the most likely to be implemented. For Water Year 2017 the Board adopted a revised Replenishment Assessment Unit Cost of \$2,872. This revised Unit Cost was calculated using updated unit cost data for the three projects which the Board at that time felt were the most likely to be implemented. The number of projects was reduced from four to three, because when the WY 2017 Unit Cost was being calculated, it was determined that two of the previous four projects (Regional Desalination and the Pure Water Monterey Groundwater Replenishment Projects) would be part of a combined project referred to as the Monterey Peninsula Water Supply Project (MPWSP). The unit cost for Water Year 2017 was carried over to the three subsequent Water Years because no updated cost data was available for those projects, and no other viable projects could be identified. In 2020, a blended unit cost value was provided for the Monterey Peninsula Water Supply Project based on a reduced size desalination plant offset by water to be provided by the Pure Water Monterey Project. Based on the updated Pure Water Monterey Project’s unit cost, the blended unit cost for that combined project was updated from \$4,591/AF to \$4,817/AF, resulting in a Water Year 2021 Replenishment Assessment Unit Cost of \$2,947/AF. In 2022, a blended unit cost value was calculated for the MPWSP based on an updated PWM unit cost for 3,500AF of potential volume from the project. The blended unit cost for that combined project was updated from \$4,817/AF to \$4,948/AF. For purposes of the 2022 Replenishment Assess Unit Cost calculation, \$2,808 was used as the RUWAP cost/AF. In 2023, a blended unit cost value was calculated for the MPWSP based on an updated PWM and PWMX unit cost for an increased 5,750AF of potential volume from both projects. The blended unit cost for the combined projects was updated from \$4,948/AF to \$4,872/AF. At the September 9, 2023 Watermaster Board meeting, Director Riley submitted a document requesting that every category of water be flow weighted instead of the current calculation method established in 2017 that blends the Base Unit Cost (\$/AF) value for the MPWSP with the Base Unit Cost for the Pure Water Monterey Project (PWM) based on a reduced size desalination plant offset by water to be provided by PWM. The Committee, and subsequently the Board, adopted Director Riley’s method of calculation of the unit costs of \$4,529/AF and \$1,132/AF for Water Year 2024. That calculation method has continued since. The 2025 and 2026 calculations included updated PWM/PWMX, ASR, and RUWAP actual and estimated project costs. For WY 2025, \$4,845/AF and \$1,211/AF unit costs were approved, and for WY 2026, \$4,962/AF and \$1,241/AF unit costs were approved.

DISCUSSION: The attached 2027 Table of calculations includes updated PWM/PWMX and RUWAP actual and estimated project costs. The actual and estimated costs for ASR were confirmed as unchanged from those reported in the 2025 Annual Report. California American Water reported that estimates would not be revised for at least 6 months for the desalination plant. The proposed Replenishment Assessment Unit Costs would therefore be \$4,587/AF and \$1,147/AF for Natural Safe Yield and Operating Yield Overproduction, respectively, for Water Year 2027.

ATTACHMENTS: 2027 Unit Cost Data Table

WATER YEAR 2027 (October 1, 2026-September 30, 2027)

**ANTICIPATED UNIT COSTS OF WATER COULD POTENTIALLY BE USED FOR
REPLENISHMENT OF THE SEASIDE BASIN**

POTENTIAL SOURCE OF REPLENISHMENT WATER	POTENTIAL DATE REPLENISHMENT WATER COULD BECOME AVAILABLE	POTENTIAL VOLUME OF WATER THAT COULD BE SUPPLIED BY THE PROJECT (AFY) ⁽¹⁾	BASE UNIT COST (\$/AF)	BASE UNIT COST YEAR
Regional Desalination	2029	6,250	\$6,147	2021
Pure Water Monterey and PWMX	2020 (PWM) 2025 (PWMX)	5,750	\$3,607	2026
Seaside Basin ASR Expansion ⁽²⁾	TBD	1,000	\$1,984	2025
Regional Urban Water Augmentation Project (3)	Same as Pure Water Monterey and PWMX	1,400-1,700	\$3,607	2025

$(6,250 \times \$6,147) + (5,750 \times \$3,607) + (1,000 \times \$1,984) + (1,550 \times \$3,607) / 14,550 = \$4,587$ 2026 Natural Safe Yield Overproduction Unit Cost/AF

$\$4,587 / 4 = \$1,147$ Operating Yield Overproduction Unit Cost/AF

FOOTNOTES:

(1) For the Regional Desalination Project, this is the total amount of water from this source which could potentially come to the CAW distribution system, from the initial desalination plant having an capacity of 4.8 MGD and a later capacity of 6.4 MGD capacity. The average of these two sizes is 5.6 MGD which is approximately equivalent to 6,250 AFY. Only a portion of this amount might be available as initially unused capacity that could be used to help replenish the Seaside Basin.

For the PWM and PWMX, this is the quantity of water that is being planned at this time by CAW for inclusion in its Monterey Peninsula Water Supply Project.

For the ASR Expansion Project, this is the additional amount of water that could potentially be provided by this project (see footnote 3).

For the RUWAP, this is the total amount of non-potable water from this source. Only a portion of this amount might be used for in-lieu replenishment of the Seaside Basin.

(2) The 1,000 AFY of potential water that this project could supply would be in addition to the 1,300 AFY included as part of the Monterey Peninsula Water Supply Project and would be an annual average taking into account river flow and hydrologic conditions that change from year to year. For 2024, per David Stoldt, this is the cost for ASR injection of 360 AFY long-term average of replenishment water with ASR expansion of a single new injection well. Because ASR replenishment water does not require extraction and treatment, the cost of customer demand is not factored here.

(3) Patrick Breen of MCWD noted that to determine total cost per acre-foot, the Watermaster should use the \$3,607/acre-foot cost from Pure Water Monterey (which would be RUWAP as well) and add MCWD O&M and Financing costs which are yet to be determined.

**SEASIDE GROUNDWATER BASIN
WATERMASTER**

TO: Board of Directors

FROM: Robert S. Jaques, Technical Program Manager

DATE: October 7, 2026

SUBJECT: Discuss/Consider Cost Sharing for Updating the Seaside Groundwater Basin Model

RECOMMENDATION:

Approve the attached cost-sharing Agreement for updating the Seaside Groundwater Basin Model with Monterey Peninsula Water Management District (MPWMD) and Monterey One Water (M1W) sharing 50% of the costs of that work.

Background

At its October 4, 2017, meeting, the Board approved recalibrating and updating the Seaside Groundwater Basin Model, as described in the proposed 2018 Monitoring and Management Plan (M&MP) and its Operations Budget, with MPWMD/M1W paying 50% under a cost-sharing arrangement. At its February 7, 2018, meeting, the Board approved a cost-sharing Agreement for this purpose between the Watermaster, MPWMD, and M1W, and that Agreement was executed in February 2018 with all parties signing it.

Discussion

At its October 1, 2025, meeting, the Board approved the 2026 M&MP and its Operations Budget, which included a line item to further update the Groundwater Model. At its July 1, 2026, meeting, the Board approved a contract with Montgomery & Associates to update the Model. At that meeting, it was reported that Watermaster staff would be contacting MPWMD and M1W to again seek their willingness to cost-share in the performance of that work.

Attached is a cost-sharing Agreement that I have prepared for the 2026 updating of the Model. It has been reviewed by all of the parties and reflects their suggested edits.

At its September 30, 2026, meeting, the Budget and Finance Committee approved recommending the Agreement for approval by the Board. Subsequent to that meeting, I was informed that MPWMD's Board has now approved the Agreement, and M1W's Executive Officer informed me that he has the authority to execute the Agreement on behalf of M1W and that he would do so.

ATTACHMENT: Cost-Sharing Agreement for Updating the Seaside Basin Hydrogeologic Model

MEMORANDUM OF AGREEMENT

BETWEEN THE SEASIDE BASIN WATERMASTER THE MONTEREY PENINSULA WATER MANAGEMENT DISTRICT AND MONTEREY ONE WATER

TO SHARE IN THE COSTS OF UPDATING THE SEASIDE BASIN GROUNDWATER MODEL

THIS AGREEMENT is made and entered into this _____ day of _____, 2026, by and between the SEASIDE BASIN WATERMASTER, hereinafter referred to as the “WATERMASTER”, and the MONTEREY PENINSULA WATER MANAGEMENT DISTRICT, hereinafter referred to as the “DISTRICT”, and MONTEREY ONE WATER, hereinafter referred to as “M1W,” as follows.

In this Agreement the terms “Party” and “Parties” refer to the WATERMASTER, the DISTRICT, and/or M1W, either individually or collectively.

RECITALS:

- A. Under Case No. M66343, California Superior Court, Monterey County, on March 27, 2006 by entry of Judgment (“Judgment”) the WATERMASTER was created. The purpose of the WATERMASTER is to assist the Court in the administration and enforcement of the provisions of the Judgment.
- B. As part of carrying out its duties and responsibilities under the Judgment, the WATERMASTER had a hydrogeologic model (“Model”) of the Seaside Groundwater Basin (“Seaside Basin”) prepared by its consultant, HydroMetrics WRI. Preparation of the Model was completed by HydroMetrics in November 2009.
- C. Periodic recalibration and updating of the Model is necessary to ensure the Model simulates groundwater levels within an acceptable industry standard accuracy. The Model was last updated in 2014, and was recalibrated 2018. However, since that work was done considerable new hydrogeologic information and groundwater data have been acquired that warrants further updating the Model.
- D. M1W and the DISTRICT have together developed projects referred to as the Pure Water Monterey Project (PWM) and the Pure Water Monterey Expansion Project (PWMX) that store purified recycled water in the Seaside Basin for subsequent recovery and reuse.

- E. Because these Pure Water Monterey projects will need to use the Model for further studies and reporting purposes, the Parties wish to enter into this Agreement to share in the cost of recalibrating and updating the Model.

Terms and Conditions

In consideration of the mutual promises contained herein, the WATERMASTER, the DISTRICT, and M1W hereby agree to the following terms and conditions:

- A. Work to be performed.** The WATERMASTER will have its consultant, Montgomery and Associates, recalibrate and update the Model. The Scope of Work and the estimated costs to update and recalibrate the Model are described in Attachment 1 to this Agreement. The staff of each of the Parties to this Agreement will be invited to attend any key milestone meetings and conference calls that are held between the WATERMASTER and its consultant as the work is being performed, in order to enable each of the Parties to stay abreast of the work, raise pertinent questions in a timely manner, and provide input as appropriate.

The Parties hereto understand, as discussed in Attachment 1, that it is difficult for Montgomery & Associates to accurately estimate the costs to perform the work to update and recalibrate the Model, and that the costs listed in Attachment 2 are Montgomery & Associates' best estimates. In the event it is determined, during the course of the work, that the cost to complete the work will be greater than the total cost listed in Attachment 2, the Parties agree to meet and confer to reach agreement on a revised cost that will be shared as described in paragraph B, so that the work can be completed. Agreement on said revised cost shall not be binding on any Party unless and until that Party formalizes its agreement to the revised cost in writing to each of the other Parties.

- B. Costs to be shared.** The costs to be shared are listed in Attachment 2. These costs will be shared in the following percentages:

Watermaster share = 50% (\$62,500)

District and M1W combined share = 50% (\$62,500).

(In the event a revised cost is agreed to, as described in paragraph A, these dollar figures will change, but the percentage contributions will remain the same).

- C. Documents to be provided.** After completion of the work described in Attachment 1, the WATERMASTER will provide the DISTRICT and M1W each with one copy of the Technical Report documenting the model update and calibration results. At either Party's request, the WATERMASTER will also provide the DISTRICT and M1W with all original documents, explanations of methods, maps, tables, computer programs, reports, and other documents

prepared pursuant to this Agreement for use for further studies and reporting purposes.

- D. Payment of costs and reimbursement to the WATERMASTER.** The WATERMASTER will make progress payments to Montgomery & Associates as it satisfactorily performs the work described in Attachment 1. After the satisfactory completion of the work, the WATERMASTER will provide to the DISTRICT and to MIW, copies of the payments it made to Montgomery & Associates. Within 30 days of receiving those documents, the DISTRICT and MIW will reimburse the WATERMASTER for 50% of those costs.
- E. Term of Agreement.** The term of this Agreement shall commence on the date of its execution, and shall continue in effect until the WATERMASTER has been reimbursed as described in paragraph D.
- F. Hold Harmless.** Under this Agreement the DISTRICT and MIW do hereby agree to indemnify, defend, and hold the WATERMASTER and its Board members, officers, employees, agents, and representatives harmless from and against any and all liability, claims, suits, actions, damages, and causes of action of any kind arising out of the DISTRICT'S and/or MIW's use of the Model in operating and maintaining the PWM and PWMX Projects.
- G. Venue.** In the event that suit shall be brought by any Party to this Agreement, the Parties agree that venue shall be exclusively vested in the state courts of the County of Monterey, or, if brought in federal court, in the United States District Court handling matters arising in Monterey County. Further, the prevailing Party shall be entitled to reasonable attorney fees and costs.
- H. Notices.** Written notice shall be deemed to have been duly served if delivered in person or by mail to the individuals and at the addresses listed below:

A. WATERMASTER: Technical Program Manager
 Seaside Basin Watermaster
 P.O. Box 1271
 Seaside, CA 93955

B. DISTRICT: General Manager
 Monterey Peninsula Water Management District
 5 Harris Court, Building G
 Monterey, CA 93940

B. MIW: Executive Officer
 Monterey One Water
 5 Harris Court, Building D

Monterey, CA 93940

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement as of the dates shown below.

WATERMASTER

Date: _____

By: _____
Mary Ann Carbone,
Chair, Board of Directors

DISTRICT

Date: _____

By: _____
David Stoldt, General Manager

M1W

Date: _____

By: _____
Paul Sciuto, Executive Officer

ATTACHMENT 1

SCOPE OF WORK

(Excerpted from Montgomery & Associates Request for Service No. 2026-03, approved by Watermaster's Board of Directors at its July 1, 2026 meeting)

The scope consists of providing professional consulting services to WATERMASTER for updating the WATERMASTER'S Groundwater Model, as described in more detail below in the "Proposed Scope of Work."

PROPOSED SCOPE OF WORK

Phase 1 - Historical Model Extension

Extend Historical Model

The first step is to extend the Model input data sets through WY 2025 and assess whether additional updates or recalibration are needed to maintain model estimation accuracy. Select inputs will also be revised to improve consistency with the regional SWIM and SVIHM models and facilitate future updates of all the models:

- Update historical pumping and injection inputs to extend the simulation period from 1987–2017 through WY 2025
- Update soil-moisture balance inputs used to estimate monthly deep groundwater recharge
- Review and update production well and calibration-target screen layer and aquifer assignments to reflect current understanding, well log data, and updated SWIM/SVIHM aquifer designations that M&A identified as part of the recent regional model update support work
- Update northern boundary constant-head values using simulated heads from the latest SWIM version 4 runs to better represent MCWD pumping and 180-400 Foot Aquifer conditions.
- Update groundwater elevation calibration target data sets for the extended 2018-2025 period and to include new monitoring wells, such as the monitoring wells installed in support of the Pure Water Monterey Project, the FO-9 Shallow replacement well, and other new monitoring wells in the Monterey Subbasin that fall within the Model domain that are not currently included as calibration targets. The screen intervals and aquifer layer assignments will be adjusted for certain wells to align with improved understanding of the aquifer designations that came out of a more detailed review Dr. Benito conducted during collaboration with the SVBGSA.

Model Calibration Assessment

Once model inputs are updated, the Model will be run to assess the accuracy of the calibration by comparing simulated and observed groundwater levels across the Seaside Subbasin and key monitoring wells in the Monterey Subbasin. The assessment will compare hydrographs of observed and simulated groundwater levels to evaluate how well the Model captures recent operational changes, including triennial pumping reductions, the shift from Seaside golf-course irrigation pumping to recycled water, the cessation of Cal-Am Laguna Seca Subarea pumping, and the effects of the Pure Water Monterey (PWM) project. Other standard statistical measures of model performance will also be used to compare the updated Model with the previous calibrated version.

Phase 2 - Model Recalibration & Structural Improvements

Recalibration Approach

Periodic model recalibration is needed to maintain acceptable accuracy in simulated groundwater levels. If simulated levels are inaccurate, other model outputs, including groundwater flow directions, storage, and water budget estimates, will also be less reliable. Rather than overhauling the Model all at once, an iterative update process will be used that makes only the changes needed. For example, if the extended historical model with the current layering and aquifer parameters continues to match observed groundwater levels in key areas, additional changes in those areas may not be necessary or cost-effective at this time.

If the Model does not adequately match observed groundwater levels in some areas, updates may be needed to aquifer parameters or layer discretization. For example, if observed groundwater levels near the PWM project are not well matched, model layer 5 (Santa Margarita) may need to be subdivided into upper and lower units and local parameter calibration may need to be revised.

If substantial recalibration is required, it is recommended to first update the numerical modeling framework to one of the more recent versions of MODFLOW that can streamline the model update and improve the recalibration process and model performance.

Upgrade MODFLOW Framework

The Model was developed using MODFLOW-2005, which represented the standard platform at the time of model construction in 2009. If substantial recalibration is required, upgrading the Model to a current MODFLOW platform is recommended, preferably MODFLOW 6 or MODFLOW-USG, to take advantage of enhanced functionality, including unstructured grids that support targeted local refinement in critical areas without requiring refinement of the full model domain.

There are other technical upgrades that can also be made that would improve how production wells screened across multiple model layers and/or aquifers are simulated. The current version of the Model uses the MODFLOW WELL package, which is limited in its ability to dynamically

adjust the amount of the total assigned well pumping that should be allocated to each of the screen intervals in different model layers. This can be problematic, for example, in Shallow Aquifer wells when the groundwater table falls below the bottom of the uppermost model layer across which a multi-layer well is screened in. The portion of the total reported pumping rate that was originally allocated to that uppermost layer that has gone “dry” is lost instead of being shifted to the next deepest layers the well is screened across. This can result in under-simulating the amount of actual pumping from the well. There are newer MODFLOW packages for handling multi-layer wells, such as the MNW2 and the CLN packages, that dynamically allocate the amount of pumping that should occur in each layer and can help address this problem. This well package upgrade can occur even if the Model is not upgraded to a current MODFLOW platform.

Grid and Layering Enhancements

New hydrogeologic data developed since the Model was first developed indicate opportunities to improve how groundwater flow is distributed among aquifer formations, and in some cases within individual formations. Where vertical flow profiles are available—such as for many PWM injection wells, some ASR wells, and production wells like Paralta and Ord Grove 2—simulated flow distribution and transmissivity ratios will be adjusted to match observed vertical flow patterns. Upgraded multi-layer well packages, such as MNW2 or CLN, will help incorporate these data. Aquifer parameter ranges will also be constrained using aquifer test results, including in the PWM area. Model layer 5 (Santa Margarita Formation) may potentially be subdivided into upper and lower units based on improved aquifer characterization and newly available well log data. Where applicable, updated interpretations of bedrock and layer depths from recent DWR SkyTEM surveys will be incorporated based on Salinas Valley Basin hydrogeologic conceptual model updates.

Documentation in Technical Report & Presentation to TAC

M&A will prepare a technical report documenting the Model updates and improvements. The report will also summarize the overall model performance and trends and observations of how the Model is capturing the impacts of new projects and other recent operational changes in the Seaside Subbasin. M&A will also prepare and deliver a summary presentation on this topic to the TAC via Zoom.

BUDGET AND TIMELINE

It is anticipated that Phase 1 and Phase 2 can be completed within a five-month period, though the timing may depend on the scheduling of TAC and Board meetings. Work can commence on this immediately following notice to proceed.

The combined estimated cost for Phase 1 and Phase 2 is \$125,000. The cost estimate contained in [Attachment 2](#) provides a breakdown of costs by task and subtask.

ATTACHMENT 2
BUDGET

Estimated Cost for Seaside Watermaster Model Update.

Seaside Watermaster Model Update		Montgomery & Associates Estimate of Hours, Fees and Expenses						
		Scientist VI	Scientist VII	Scientist V	Scientist II	GIS I	Editor	Total Professional Fees
		CT	GK	PB	WC			
	Professional Billing Rates (\$/hr)	\$290	\$290	\$240	\$165	\$165	\$95	
Phase 1: Historical Model Extension & Regional Model Input Alignment								
Task 1	Update Watermaster Historical Model to extend through WY2025							
1.1	Compile production data and prepare new pumping input files	0	0	8	16	0	0	\$4,560
1.2	Prepare revised recharge input for updated climate period	0	0	8	16	0	0	\$4,560
1.3	Develop updated northern boundary condition head input files from SWIM output	1	2	8	16	0	0	\$5,430
1.4	Prepare updated and extended groundwater level observation data set	0	0	8	20	0	0	\$5,220
1.5	Run model and assess calibration and simulated groundwater level trends	4	4	24	32	0	0	\$13,360
	Subtotal	5	6	56	100	0	0	\$33,130
	Phase 1 Total							
Phase 2: Model Recalibration & Structural Improvements								
Task 2	Model Recalibration & Structural Improvements (if warranted)							
2.1	Update model to MODFLOW-6 or MODFLOW-USG	2	1	24	32	0	0	\$11,910
2.2	Grid layering & discretization enhancements	2	1	24	40	2	0	\$13,560
2.3	Parameter Recalibration	2	1	40	80	0	0	\$23,670
	Subtotal	6	3	88	152	2	0	\$49,140
Task 3	Documentation in Technical Report & Presentation to TAC							
3.1	Prepare Technical Report summarizing method and results	8	16	60	40	38	6	\$34,800
3.2	Prepare presentation and deliver to TAC via Zoom	1	4	16	16	0	0	\$7,930
	Subtotal	9	20	76	56	38	6	\$42,730
	Phase 2 Total							
Total (hours)		20	29	220	308	40	6	
Total (\$)		\$5,800	\$8,410	\$52,800	\$50,820	\$6,600	\$570	\$125,000

SEASIDE GROUNDWATER BASIN
WATERMASTER

TO: Board of Directors

FROM: Toni Gibbs, Administrative Officer (AO)

DATE: October 7, 2026

SUBJECT: Consider/Approve a Revision to the Rules and Regulations to Add a Policy for
Production without a Working Meter

RECOMMENDATIONS:

Approve the proposed revision to the Rules and Regulations of the Seaside Groundwater Basin Watermaster, adding Sections 11.1.0 through 11.1.4.

BACKGROUND:

A recent review of the Rules and Regulations found no specific guidance regarding how the Watermaster should account for production when a producer pumps without a functioning meter. The AO consulted with Mr. Robert Jaques, the Technical Program Manager (TPM), and with Mr. Joe Hughes and Mr. Jeff Warren, the Watermaster's former and current legal counsel, respectively, in creating the proposed revision. The AO asks the Board to consider including the proposed text in the Rules and Regulations to provide transparency in how the Watermaster will estimate production for months when accurate meter readings cannot be obtained.

DISCUSSION:

The proposed policy establishes two methods for estimating unmetered production: (1) a peer comparison and (2) the producer's historical peak production. Mr. Warren also recommended that the policy (a) allow producers to submit additional information for the Board to consider when making its determination, and (b) allow the Board, at its discretion, to assess an administrative fee if excessive staff time and expenses are spent resolving the matter. Both recommendations are incorporated in the attached revisions.

FISCAL IMPACT:

There is no immediate fiscal impact. The policy would apply only when a producer's production data would otherwise be missing. Any administrative fee would be assessed at the Board's discretion, would be limited to recovering any excessive time and expenses for the Watermaster's staff, and would depend on the circumstances of the specific instance of unmetered production. The fee is intended for cost recovery only, if deemed appropriate, and is not to be considered as a source of revenue or a penalty.

ATTACHMENT: Draft of Seaside Groundwater Basin Rules and Regulations 11.0.0–11.1.4

11.0.0 Reporting by Parties

Pursuant to the terms of the Judgment, all Parties are required to install, at their own cost, devices to measure the quantity of water they extract from the Seaside Basin. All Parties shall report their extraction quantities, and the corresponding beginning and ending water meter readings that were used to calculate these quantities, to Watermaster for the preceding calendar quarter, in writing, on January 15, April 15 and July 15 and October 15 of each Water Year. The water measuring devices must meet the following standards, which are also requirements of the Monterey Peninsula Water Management District:

11.0.1 A minimum of eight diameters of straight pipe upstream and downstream of the centerline of the meter (i.e., no bends or valves) must be provided to limit turbulence at the meter. Exceptions can be made if it can be demonstrated that the meter is installed according to the manufacturer's recommendations for straight unobstructed flow lengths upstream and downstream of the meter.

11.0.2 The meter installation must be configured to provide a full flow of water in the pipe at the meter under all flow conditions.

11.0.3 The meter must be situated such that all water produced from the well is measured.

11.0.4 Following installation, the meter must be maintained to an accuracy of plus or minus five percent ($\pm 5\%$) of true flow.

11.0.5 The meter must be equipped with a totalizer that is susceptible to correction only by changing mechanical gear equipment.

11.0.6 The water meter should be installed in accordance with good design practices and sufficient space should be provided to allow access for inspections and testing as may, from time to time, be deemed necessary.

11.0.7 The specified flow range of the meter should be consistent with the range of flows provided from the well.

11.0.8 If solid material (e.g., silt, sand, rust particles, etc.) is present in the discharge from the well, a strainer or filter should be installed in the pipe upstream of the meter to avoid fouling of the meter.

11.0.9 The well discharge piping, valves, connections, and meter should be water tight. "Wet dial face" meters should be avoided. These meters tend to become unreadable over time, requiring maintenance that could be avoided with the installation of a meter that precludes entry of discharge water into the dial compartment (i.e., a "dry dial face").

11.0.10 The meter and discharge line should be protected from freezing, where possible, by installing the meter underground, below the frost line, wrapped in insulation, or otherwise enclosing the meter in an insulated box.

11.0.11 Appropriate fittings should be used to allow easy installation and maintenance of the meter.

11.0.12 The water meter should be installed by a qualified, experienced professional.

11.0.13 Manufacturers of water meters that are satisfactory to the Watermaster include, but are not limited to:

—●— McCrometer Water Meters;

—●— Invensys Meters, Inc.;

—●— Sparling Instruments, Inc.;

—●— Badger Meter;

—●— Water Specialties Corporation

11.1.0 Calculation of Production During Periods of Non- or Mis-Measurement.

In the event that a party fails to install a functioning measuring device, or fails to repair or replace a non- or mal-functioning measuring device, for any period of production, the Watermaster Board shall determine the production for the period of non- or mis-measurement using either of the methods described in sections 11.1.1 or 11.1.2 below, subject to landowner input as provided in section 11.1.3:

11.1.1 Historical Peak Production: The highest monthly production recorded by that specific Party (or for that specific well) during the same calendar month within the preceding three (3) years.

Example: If a meter was missing or not functioning in Sept 2026, the Watermaster may apply the highest production recorded in any September from 2023–2025.

11.1.2 Peer Comparison: The average production of similar entities and uses (e.g., based on land use, crop type, or service population) within the same management zone.

11.1.3 Extractor-Provided Information: A Party may timely provide additional data for the Watermaster to consider in making its determination of production in the absence of an operating measuring device, which may include:

- Certified electrical power records (using a verified pump efficiency test).
- Satellite-based evapotranspiration (ET) data for irrigated acreage.
- Detailed logs of alternative water sources used during the period.

The provision of information by a Party does not compel or obligate Watermaster to change its determination under sections 11.1.1 or 11.1.2. The provision of information by a Party does not enlarge, diminish, or in any way alter a Party's, or Watermaster's, rights concerning review of Watermaster Board decisions under the provisions of the Judgment.

11.1.4 Administrative Fees. The Watermaster Board may assess an administrative fee to cover the cost of staff time and other expenses required to determine production and consider information provided by a Party, due to the lack of an installed or operating measuring device.

SEASIDE GROUNDWATER BASIN WATERMASTER
Reported Quarterly and Annual Water Production From the Seaside Groundwater Basin
WATER YEAR 2026 (October 1, 2025 - September 30, 2026)
(All Values in Acre-Feet [AF])

ITEM IX.A
10/7/26

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 2025	for WY 2026	
CAW - Coastal Subareas	SPA	116.56	31.37	24.79	172.72	22.70	21.54	17.66	61.90	21.54	30.64	83.26	135.45	0.00	0.00	0.00	0.00	370.07	1,466.03	2,093.28	3,559.31	
	Luzern	54.60	50.65	50.30	155.55	50.25	48.02	28.40	126.68	46.47	29.12	53.23	128.82				0.00	411.05				
	Ord Grove	127.46	122.39	127.47	377.32	128.31	116.83	129.42	374.57	123.92	127.47	122.44	373.83				0.00	1,125.72				
	Paralta	199.78	174.40	139.45	513.64	112.76	108.71	151.39	372.85	112.11	84.01	134.83	330.96				0.00	1,217.45				
	Playa #3	30.25	42.30	41.12	113.68	41.69	39.32	29.55	110.56	0.00	0.00	8.74	8.74				0.00	232.98				
	Plumas	20.59	27.05	25.92	73.57	26.33	24.91	18.51	69.75	0.00	0.00	9.14	9.14				0.00	152.46				
	Santa Margarita	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				
	Seaside Middle School Well #3	97.23	103.57	114.00	314.81	91.28	72.74	95.39	259.41	97.04	104.01	49.77	250.81				0.00	825.03				
	ASR Recovery (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			
	PWM Recovery	(413.36)	(489.00)	(473.47)	(1,375.84)	(427.93)	(389.00)	(435.00)	(1,251.93)	(358.00)	(313.97)	(294.89)	(966.86)				0.00	(3,594.63)				
Seaside Municipal - Wells #3 & 4	SPA	17.42	15.35	15.88	48.66	14.13	12.39	17.08	43.59	15.16	16.02	15.36	46.54	17.03	16.71		33.74	172.53	120.28	0.00	120.28	
Inlieu Extraction (Added from Row 73)					0.00				0.00				0.00				0.00	0.00				
Granite Rock Company	SPA	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	301.96	313.31	
DBO Development No. 30	SPA	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	526.92	547.51	
Calabrese (Cypress Pacific Inv.)	SPA	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	13.75	16.51	
City of Seaside (Golf Courses - Coe & Bayonet)	APA	0.26	1.03	0.00	1.29	0.00	0.00	0.00	0.00	0.00	0.24	1.03	1.27	0.00	0.00		0.00	2.56	540.00	NA	540.00	
Sand City	APA	0.10	0.16	0.17	0.44	0.13	0.12	0.16	0.41	0.14	0.15	0.14	0.43				0.00	1.27	9.00	NA	9.00	
SNG (Security National Guaranty)	APA	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	NA	90.00	
MLDC (Mountain Lake Dev. Corp.)	APA	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	NA	59.00	
Calabrese (Cypress Pacific Inv.)	APA	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	NA	6.00	
Mission Memorial (Alderwoods)	APA	4.22	2.93	2.54	9.69	1.07	0.17	2.17	3.41	3.50	3.46	3.42	10.38	4.97	4.44		9.42	32.90	31.00	NA	31.00	
Coastal Subareas Totals					232.79				109.32				194.07				43.16	579.34	2,356.01	2,935.91	5,291.92	
CAW - Laguna Seca Subarea	SPA	9.25	7.26	7.12	23.62	6.86	6.30	8.72	21.89	8.40	9.40	11.95	29.74				0.00	75.26	0.00		0.00	
Ryan Ranch Unit																						
Hidden Hills Unit/Bay Ridge		9.25	7.26	7.12	23.62	6.86	6.30	8.72	21.89	8.40	9.40	11.95	29.74				0.00	75.26				
Bishop Unit 3																						
Bishop Unit 1																						
The Club at Pasadera	APA	0.00	1.00	14.00	15.00	0.00	0.00	42.00	42.00	14.00	34.00	40.00	88.00	45.00	35.00		80.00	225.00	251.00		251.00	
Laguna Seca Golf Resort (Bishop) Well #12	APA	8.89	3.52	4.26	16.66	0.00	7.90	3.68	11.58	25.95	39.40	40.84	106.20				0.00	134.44	320.00		320.00	
York School	APA	0.68	0.60	0.34	1.62	0.26	0.52	1.01	1.78	0.59	1.20	2.28	4.08	2.24			2.24	9.72	32.00		32.00	
Laguna Seca County Park/Recreation Area	APA	0.63	0.33	0.30	1.26	0.49	0.55	3.16	4.20	1.48	1.38	2.74	5.60				0.00	11.05	41.00		41.00	
Laguna Seca Subarea Totals					58.16				81.45				233.62				82.24	455.47	644.00	0.00	644.00	
					290.95				190.78				427.68				125.39	1,034.80	3,000.01	2,935.91	5,935.92	
														Annual Production from APA Producers				416.94			1,379.00	
														Annual Production from SPA Producers				617.86			4,556.92	
CAW / MPWMD ASR (Carmel River Basin source water)																						
Injection Recovery(Extraction)		0.00	0.00	61.93	61.93	281.59	222.94	242.41	746.94	107.39	0.00	0.00	107.39				0.00	916.26	3,957.00	4,873.26		
		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				
	Net ASR	0.00	0.00	61.93	61.93	281.59	222.94	242.41	746.94	107.39	0.00	0.00	107.39	0.00	0.00	0.00	0.00	916.26				
Pure Water Monterey (PWM) Injection and Cal-Am Recovery																						
Delivery to Basin (Injection)		413.05	513.35	603.27	1,529.67	612.06	508.65	399.65	1,520.35	418.79	423.50	424.88	1,267.17				0.00	4,317.20	1,149.77	1,872.34		
CAW (Recovery)	(413.36)	(489.00)	(473.47)	(1,375.84)	(427.93)	(389.00)	(435.00)	(1,251.93)	(358.00)	(313.97)	(294.89)	(966.86)				0.00	(3,594.63)					
Net PWM		(0.32)	24.35	129.80	153.83	184.13	119.65	(35.35)	268.43	60.79	109.53	129.99	300.31	0.00	0.00	0.00	0.00	722.57				
Injection Operating Reserve		0.00	0.00	0.00	0.00	0.00	0.00	200.00	200.00	200.00	123.00	0.00	323.00				0.00	523.00	2,352.95	2,875.95		
	Injection Drought Reserve	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.00	0.00	70.00				0.00	70.00				
City of Seaside Golf Course Recycled Water Use/Municipal Potable Water Recovery 2,361AF Max																						
In-lieu Storage/Recycled Water Use		30.38	8.23	2.58	41.19	2.94	11.67	53.76	68.37	14.36	53.85	49.36	117.57	67.28	83.64		150.93	378.06	1,545.60	1,923.66		
	City of Seaside Municipal Extraction (native)	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				
Net In-lieu		30.38	8.23	2.58	41.19	2.94	11.67	53.76	68.37	14.36	53.85	49.36	117.57	67.28	83.64	0.00	150.93	378.06				
8,669.25																						

- Notes:
- * On July 1, 2026, the Watermaster Board of Directors approved using the highest monthly production recorded for the same calendar month within the previous three years for Oct 2025 - Jan 2026, a period of production without a functioning meter.
1. The Water Year (WY) begins October 1 and ends September 30 of the following calendar year. For example, WY 2026 begins on October 1, 2025, and ends on September 30, 2026.
2. "Type" refers to water right as described in Seaside Basin Adjudication decision as amended, signed February 9, 2007 (Monterey County Superior Court Case No. M66343).
3. Values shown in the table are based on reports to the Watermaster received by January 15, 2026.
4. All values are rounded to the nearest hundredth of an acre-foot. Where required, reported data were converted to acre-feet 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 Producer Allocations Water Year 2025 (see Item IX.B. in 11/6/2024 Board packet).
6. Any minor discrepancies in totals are attributable to rounding.
7. APA = Alternative Producer Allocation; SPA = Standard Producer Allocation; CAW = California American Water.
8. CAW/MPWMD ASR "Injection" and "Recovery" amounts are not expected to "balance" within each Water Year 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
10. Ryan Ranch and Bishop systems fed by Monterey Main System as of December 2020 -- those wells eliminated from Cal-Am reporting as of January 15, 2025