

SEASIDE BASIN WATERMASTER
REQUEST FOR SERVICE

DATE: 1/1/2024

RFS NO. 2024-02

(To be filled in by WATERMASTER)

TO: Cameron Tana
PROFESSIONAL

FROM: Robert Jaques
WATERMASTER

Services Needed and Purpose: Prepare the Seawater Intrusion Analysis Report for 2024.
See Scope of Work in Attachment 1.

Completion Date: All work of this RFS shall be completed not later than December 31, 2024,
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: \$ 28,020.00 (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: 1/6/24
WATERMASTER Technical Program Manager

Agreed to by:  Date: 1/8/24
PROFESSIONAL

ATTACHMENT 1

SCOPE OF WORK

The scope consists of providing professional consulting services to WATERMASTER for preparation of the 2024 Seawater Intrusion Analysis Report (SIAR).

To promote efficiency, much of the text and graphics from the 2023 SIAR will be incorporated directly into the 2024 SIAR.

Preparing the 2024 SIAR will involve analyzing all water quality data at the end of Water Year 2024 (October 1, 2023 to September 30, 2024) and producing semi-annual (2nd and 4th quarters 2024) 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 2024 will be provided to PROFESSIONAL in MS Access format. PROFESSIONAL will put this data into a report format and will include it as an attachment to the 2024 SIAR.

A Draft 2024 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 2024 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 CD containing an electronic version of the entire Final 2024 SIAR in MS Word will be provided to WATERMASTER. No printed copies of the 2024 SIAR will be required.

ATTACHMENT 2

Montgomery & Associates RFS No. 2024-02 Work Schedule

ID	Task Name	Qtr 1, 2024			Qtr 2, 2024			Qtr 3, 2024			Qtr 4, 2024		
		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											◆ 11/12	
3	TAC Approves Annual Seawater Intrusion Analysis Report (SIAR)											◆ 11/20	
4	Board Approves Annual Seawater Intrusion Analysis Report (SIAR)												◆ 12/4

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.

2024 Seawater Intrusion Analysis Report

Task	Hours		Costs		
	Georgina King	Staff	Consulting	Expenses	Total Costs
	\$235/hr	\$165/hr	Fees		
Prepare 2024 SIAR, including added appendices for groundwater levels and quality	32	108	\$25,340	\$0	\$25,340
Prepare for and Attend One TAC Meeting and One Board Meeting Online to Present Results of SIAR	10	2	\$2,680	\$0	\$2,680
TOTALS	42	110	\$28,020	\$0	\$28,020