



Post Office Box 3544
Ventura, CA 93006-3544
(805) 525-4431
<https://moundbasingsa.org>

**NOTICE IS HEREBY GIVEN that the
Mound Basin Groundwater Sustainability Agency (“Agency”)
Board of Directors (“Directors”) will hold a
REGULAR BOARD OF DIRECTORS MEETING AND PUBLIC HEARING
at 1:00 p.m. on Monday, June 26, 2023, at the
City of the Ventura, Public Works Facility, Assembly Conference Room,
336 Sanjon Road, Ventura, CA 93002.**

To participate in the Board of Directors meeting via Zoom, please access:
<https://us02web.zoom.us/j/87474400434?pwd=Q01mU0JQT20vdGJqRzN0Wi9UdXAQT09>
Meeting ID: 874 7440 0434 | Passcode: 551503
To call into the meeting (audio only), call: (877) 853-5247 (US Toll-free)
Meeting ID: 874 7440 0434

**MOUND BASIN GROUNDWATER SUSTAINABILITY AGENCY
BOARD OF DIRECTORS MEETING AND PUBLIC HEARING AGENDA**

CALL TO ORDER 1:00 P.M.

1. PLEDGE OF ALLEGIANCE

2. ROLL CALL

3. PUBLIC COMMENTS ON ITEMS NOT APPEARING ON THE AGENDA

The Board will receive public comments on items not appearing on the agenda and within the subject matter jurisdiction of the Agency. The Board will not enter into a detailed discussion or take any action on any items presented during public comments. Such items may only be referred to the Executive Director or other staff for administrative action or scheduled on a subsequent agenda for discussion. Persons wishing to speak on specific agenda items should do so at the time specified for those items. In accordance with Government Code §54954.3(b)(1), public comment will be limited to three (3) minutes per speaker.

**4. APPROVAL OF AGENDA
Motion**

5. CONSENT CALENDAR

All matters listed under the Consent Calendar are considered routine by the Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member pulls an item from the Calendar. Pulled items will be discussed and acted on separately by the Board. Members of the public who want to comment on a Consent Calendar item should do so under Public Comments. (ROLL CALL VOTE REQUIRED)

5a. Approval of Minutes

Motion

The Board will consider approving the Minutes from the May 22, 2023, Regular Mound Basin GSA Board of Directors meeting.

5b. Approval of Warrants

Motion

The Board will consider approving payment of outstanding vendor invoices.

5c. Monthly Financial Reports

Information Item

The Board will receive monthly profit and loss statements and balance sheets for the month of May 2023.

6. BOARD MEMBER ANNOUNCEMENTS

Directors will provide updates on matters not on the agenda.

7. EXECUTIVE DIRECTOR UPDATE

Information Item

The Executive Director will provide an informational update on activities since the previous Board meeting.

8. NEW MONITORING WELL BRIEFING

Information Item

The Executive Director will provide information concerning the monitoring well constructed in 2022.

9. MOTION ITEMS

9a. Member Director Appointment Process and Board Reappointment of the County of Ventura Representative Arne Anselm

Motion

The Board will consider directing the Member Directors to work with their agencies to ensure that appointments are made consistent with the MBGSA Joint Powers of Authority Agreement and consider acknowledging Director Arne Anselm's continued service as the County's Member Director through June 13, 2025, or until changed by Ventura County.

9b. Review of Past Due Extraction Fees and Waiver of Penalties and Interest

Motion

The Board will receive a summary and consider waiving penalties and interest for late extraction fee payments.

9c. Adjusting the Starting Time for the Remainder of the 2023 Mound Basin GSA Board of Directors Regular Meetings

Motion

The Board will consider approving a new regular meeting start time of 1:00 p.m.

9d. Fiscal Year 2021-22 and Fiscal Year 2022-23 Biennial Audit

Motion

The Board will consider authorizing the Executive Director to execute an engagement letter with Rogers, Anderson, Malody & Scott, LLP to perform the Fiscal Year 2021-2022 and 2022-2023 biennial financial audit and prepare the associated annual State Controller's Reports for an amount not-to-exceed \$10,120.

9e. Monitoring Well A Induction Log for Baseline Seawater Intrusion Monitoring
Motion

The Board will consider approving professional services by Pacific Surveys, LLC. for a baseline induction log of Monitoring Well A located at the Ventura Water Reclamation Facility in an amount not-to-exceed \$2,231 and \$269 contingency to be authorized at the discretion of the Executive Director (\$2,500 total authorization).

9f. PUBLIC HEARING

Resolution 2023-03 a Resolution of the Board of Directors of the Mound Basin Groundwater Sustainability Agency Determining and Establishing a Groundwater Extraction Fee Against All Persons Operating Groundwater Extraction Facilities Within the Mound Basin for the 12th and 13th Semiannual Billing Periods (July-December 2023 and January-June 24).

Motion

The Board will open a PUBLIC HEARING to discuss potential extraction fees, based on the Fiscal Year 2023-24 Budget and the updated five-year financial projection posted on the Agency's website. The Board welcomes public comment and testimony regarding the proposed groundwater extraction fees.

After receiving public comment and testimony, the Board will close the PUBLIC HEARING and consider adopting Resolution 2023-03 establishing the proposed groundwater extraction fee within the Mound Basin for the 12th and 13th semiannual billing periods (July-December 2023 and January-June 2024).

10. FUTURE AGENDA ITEMS

The Directors may suggest issues and/or topics they would like to address at future meetings.

ADJOURNMENT

The Board will adjourn to the next **Regular Board Meeting** scheduled for **Monday, July 24, 2023**, or call of the Chair.

Materials, which are non-exempt public records and are provided to the Board of Directors to be used in consideration of the above agenda items, including any documents provided subsequent to the publishing of this agenda, are available for inspection at UWCD's offices at 1701 North Lombard Street in Oxnard during normal business hours.

The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied the benefits of, the District's services, programs, or activities because of any disability. If you need special assistance to participate in this meeting, or if you require agenda materials in an alternative format, please contact the Mound Basin Clerk of the Board at (805) 525-4431 or the City of Ventura at (805) 654-7800. Notification of at least 48 hours prior to the meeting will enable the Agency to make appropriate arrangements.



MOUND BASIN GROUNDWATER SUSTAINABILITY AGENCY
REGULAR BOARD OF DIRECTORS MEETING

held on Monday, May 22, 2023, at 3:00 p.m. via Zoom and
at the City of Ventura, Assembly Conference Room
336 Sanjon Road, Ventura, CA 93002

MINUTES

DIRECTORS IN ATTENDANCE

Catherine Keeling, Chair
Elizabeth (Betsy) Cooper, Vice-Chair/Secretary
Arne Anselm, Treasurer
James (Jim) Chambers
Conner Everts

STAFF IN ATTENDANCE

Bryan Bondy, Executive Director
Jackie Lozano, Clerk of the Board

PUBLIC IN ATTENDANCE

Mohammad Hasan, UWCD
Kathleen Kuepper, UWCD
John Lindquist, UWCD
Ed Reese, UWCD
Steven Smith
Brian Zahn, UWCD

CALL TO ORDER 3:01 p.m.

Chair Catherine Keeling called the meeting to order at 3:01 p.m.

1. PLEDGE OF ALLEGIANCE

Chair Keeling led the participants in reciting the Pledge of Allegiance.

2. BOARD OF DIRECTORS ROLL CALL

The Clerk of the Board called roll. All five Directors were present (Anselm, Chambers, Cooper, Everts, Keeling).

3. PUBLIC COMMENTS ON ITEMS NOT APPEARING ON THE AGENDA

Chair Keeling asked if there were any public comments. None were offered.

4. APPROVAL OF AGENDA

Motion

Chair Keeling requested that Item 5b. Approval of Warrants be pulled for discussion from the Consent Calendar. Director Everts moved Agenda approval as amended; seconded by Director Anselm. Roll call vote: Five ayes (Anselm, Chambers, Cooper, Everts, Keeling); none opposed. Motion carries unanimously 5/0.

5. CONSENT CALENDAR

All matters listed under the Consent Calendar are considered routine by the Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member pulls an item from the Consent Calendar. Pulled items will be discussed and acted on separately by the Board. Members of the public who want to comment on a Consent Calendar item should do so under Public Comments. (ROLL CALL VOTE REQUIRED)

5a. Approval of Minutes

Motion

The Board will consider approving the Minutes from the March 21, 2023, Regular Board of Directors meeting. A meeting cancellation notice was emailed to the Board of Directors and interested parties list as well as posted on the Mound Basin GSA website regarding the April 24, 2023, Regular Board of Directors meeting.

5c. Monthly Financial Reports

Information Item

The Board will receive monthly profit and loss statements and balance sheets for the months of March and April 2023.

Motion to approve the Consent Calendar item nos. 5a and 5c, Director Everts; seconded by Director Cooper. Roll call vote: Five ayes (Anselm, Chambers, Cooper, Everts, Keeling); none opposed. Motion carries unanimously 5/0.

5b. Approval of Warrants

Motion

The Board will review the warrant payment registry for previously paid invoices and consider approving payment of outstanding vendor invoices. Chair Keeling, being new to the Board, asked for an explanation of this motion. Executive Director Bryan Bondy provided a summary of each vendor invoice. Chair Keeling requested that copies of the invoices be included in the meeting packet.

Motion to approve the warrants, Director Anselm; Seconded by Director Chambers. Roll call vote: Five ayes (Anselm, Chambers, Cooper, Everts, Keeling); none opposed. Motion carries unanimously 5/0.

6. BOARD MEMBER ANNOUNCEMENTS

Director Cooper provided an update on the status of the City of Ventura's municipal wells in the Mound Basin. Mound Well No. 3 electrical service was established last week, and the well is expected to be operational in July. Mound Well No. 2 was drilled near the Ventura County Government Center. The City will soon be soliciting bids for the remaining work necessary to render Mound Well No. 2 operational. Mound Well No.2 will not be operational for another year or so.

Director Everts announced that he plans on attending the Groundwater Resources Association of California annual SGMA Implementation Summit and Workshop in June.

7. EXECUTIVE DIRECTOR UPDATE

Information Item

Executive Director Bondy summarized the written staff report concerning Agency activities since the last Regular Board of Directors meeting of March 21, 2023. He notified the Board that the Agency will not be receiving a SGM Implementation Grant it applied for. Executive Director Bondy explained that Mound Basin's characteristics did not align very well with the State's grant priority criteria, which emphasize drought actions and disadvantaged communities. Executive Director Bondy explained that he is still working with the Small GSA Coalition to secure funding for small GSAs in the State. Director Everts asked if Executive Director Bondy had consulted with Mr. Steve Bennett directly. Executive Director Bondy said that the Small GSA Coalition lobbyist had spoken with Assemblymember Bennett's staff. Director Everts offered to speak with Mr. Bennett if Mr. Bondy felt it would help. Director Chambers wondered if it made sense to write the GSP to get a grant even though we are not getting a grant. Executive Director Bondy said the GSP was written to comply with the SGMA regulations. He further explained that the GSP identified three new monitoring wells for seawater intrusion, with two being necessary for SGMA compliance and the third being optional if a grant was obtained. One of the required monitoring wells was funded by the State and was completed last year. Director Chambers asked if the well was available for testing. Executive Director Bondy answered that the well was tested by the state and there was no indication of seawater intrusion. He added that United Water Conservation District (United) staff are working to incorporate the well into its monitoring program.

Informational item. No further questions or comments from the Directors.

No comments or questions from the public.

8. MOTION ITEMS

8a. Proposed Fiscal Year 2023/2024 Budget and Multi-Year Projection

Motion

The Board reviewed the fiscal year 2023/2024 budget and updated multi-year projection, as provided in the agenda packet. Executive Director Bondy clarified for the newer board members that the Agency's budget and multi-year projection are reviewed and approved annually. The Board discussed whether the meeting location would be adequate for a public hearing. Director Cooper said there would be no issue with access to the meeting room and parking at the City of Ventura's Public Works Facility. There was a consensus from the Directors to modify the start time of the June 26, 2023, Board of Directors meeting and Public Hearing to 1:00 p.m. They also desired to consider modifying the time for the rest of the 2023 calendar year. This would allow the Directors a better window of commuting time for those who lived further away. Clerk of the Board Jackie Lozano would poll the group before making any adjustments to their calendars.

No further comments or questions were offered by the Directors. No comments or questions were offered by the public.

Motion to approve the Fiscal Year 2023/2024 Budget and Muti-Year Projection and schedule a public hearing to consider adoption of groundwater extraction fees for fiscal year 2023/2024 on June 26, 2023 at 1 p.m., Director Everts; seconded by Director Chambers. Roll call vote: Five ayes (Anselm, Chambers, Cooper, Everts, Keeling); none opposed. Motion carries unanimously 5/0.

8b. Resolution 2023-02 Honoring Michael W. Mobley

Motion

At the request of the Board of Directors, Resolution 2023-5 was agreed to by the Board recognizing Michael Mobley for his dedication of more than five years of service to the Mound Basin Groundwater Sustainability Agency in his role as a member director and chair representing United Water Conservation District.

No comments or questions were offered by the Directors. No public comments were offered.

Motion to adopt Resolution 2023-02 recognizing Michael Mobley for his dedication and service to the Mound Basin Groundwater Sustainability Agency, Director Everts; seconded by Director Chambers. Roll call vote: Five ayes (Anselm, Chambers, Cooper, Everts, Keeling), none opposed. Motion carries unanimously 5/0.

8c. Small GSA Coalition Letter to Legislators Concerning State Fiscal Year 2023/2024 Budget

Motion

Executive Director Bondy provided an overview of this motion to the Board for their consideration. After a brief discussion between the Board and staff, all were supportive in sending out the letter and having it executed by Chair Keeling.

Motion approved authorizing Chair Keeling to sign a letter to State legislators, Director Everts; seconded by Director Cooper. Roll call vote: Five ayes (Anselm, Chambers, Cooper, Everts, Keeling), none opposed. Motion carries unanimously 5/0.

9. FUTURE AGENDA ITEMS

Director Keeling polled the Directors for any future agenda items.

- Director Chambers asked about a report on the new monitoring well. Executive Director Bondy said the Agency is still waiting for the report from the DWR. Director Cooper asked about the frequency of groundwater quality testing. Kathleen Kuepper, UWCD, said quarterly. Executive Director also mentioned that induction logs of the monitoring well could be performed to check for seawater with more resolution. Director Chambers expressed his thanks to Executive Director Bondy.

ADJOURNMENT 3:39 p.m.

Chair Keeling adjourned the meeting at 3:39 p.m. to the next Regular Board of Directors meeting on June 26, 2023, at 3:00 p.m. or call of the chair.

I certify that the above is a true and correct copy of the minutes of the Mound Basin Groundwater Sustainability Agency's Board of Directors meeting of May 22, 2023.

ATTEST: _____
Elizabeth (Betsy) Cooper, Vice-chair/Secretary

ATTEST: _____
Jackie Lozano, Clerk of the Board



MoundBasin

GROUNDWATER SUSTAINABILITY AGENCY

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MOUND BASIN GSA BOARD OF DIRECTORS MEETING Monday, May 22, 2023, at 3:00 a.m.

Name: Kathleen Kuepper

Organization: UWCD

Phone: _____

E-mail: _____

Name: _____

Organization: _____

Phone: _____

E-mail: _____

Name: Steve Johnson

Organization: Southern California Water Ltd Alliance

Phone: [REDACTED]

E-mail: [REDACTED]

Name: _____

Organization: _____

Phone: _____

E-mail: _____



MoundBasin

GROUNDWATER SUSTAINABILITY AGENCY

Motion Item No. 5(b)

DATE: June 22, 2023
TO: Board of Directors and Executive Director
FROM: Daryl Smith, UWCD
SUBJECT: Warrant Register for June 2023

SUMMARY

The Board will receive and review the monthly warrant register for the Mound Basin GSA.

STAFF RECOMMENDATION

UWCD accounting staff has prepared the June 2023 warrants based on the Mound Basin GSA payables and is recommending approval. All expenditures are in accordance with the Board approved budget and have been reviewed by the Executive Director. Copies of invoices will be made available at the Board of Directors meeting.

FISCAL SUMMARY

Not applicable.

ATTACHMENT

A. Warrant Register for June 2023

Action: _____
Motion: _____ 2 nd : _____
A.Anselm: _____ J.Chambers: _____ B.Cooper: _____ C.Everts: _____ C.Keeling: _____

Mound Basin Groundwater Sustainability Agency
Check Detail
June 2023

<u>Type</u>	<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Account</u>	<u>Original Amount</u>
Bill Pmt -Check	11491	06/22/2023	Bondy Groundwater Consulting, Inc	10000 -Bank of the Sierra	-4,266.85
Bill Pmt -Check	11492	06/22/2023	United Water Conservation District	10000 - Bank of the Sierra	-705.43
					-4,972.28



MoundBasin
GROUNDWATER SUSTAINABILITY AGENCY

Item No. 5(c)

DATE: June 22, 2023
TO: Board of Directors and Executive Director
FROM: Daryl Smith, UWCD
SUBJECT: Monthly Financial Reports

SUMMARY

The Board will receive the monthly financial reports for the Mound Basin GSA.

INFORMATIONAL ITEM

UWCD accounting staff have prepared financial reports based on the Mound Basin GSA revenue and expenses for the month of May 2023.

BACKGROUND

None.

FISCAL SUMMARY

Not applicable.

ATTACHMENTS

- A. May 2023 Profit/Loss Statement
- B. May 2023 Balance Sheet

ATTACHMENT A

Mound Basin GSA
Budget vs. Actuals: FY_2022_2023 - FY23 P&L
 July 2022 - May 2023

	Actual	Annual Budget	% of Budget
Income			
40001 Groundwater Extraction Fees	217,632.41	350,000.00	62.18%
47000 Other Revenue			
47001 Late Fees	13,906.04	1,227.00	1133.34%
Total 47000 Other Revenue	\$ 13,906.04	\$ 1,227.00	1133.34%
Total Income	\$ 231,538.45	\$ 351,227.00	65.92%
Gross Profit	\$ 231,538.45	\$ 351,227.00	65.92%
Expenses			
52200 Professional Services			
52240 Prof Svcs - IT Consulting	1,216.82	1,050.00	115.89%
52250 Prof Svcs - Post GSP Adoption	53,084.45	98,373.79	53.96%
52270 Prof Svcs - Accounting	3,557.67	9,480.58	37.53%
52275 Prof Svcs - Admin/Clerk of Bd	4,956.56	5,097.09	97.24%
52280 Prof Svcs - Executive Director	9,506.20	18,375.00	51.73%
Total 52200 Professional Services	\$ 72,321.70	\$ 132,376.46	54.63%
52500 Legal Fees			
52501 Legal Counsel	5,276.00	12,000.00	43.97%
Total 52500 Legal Fees	\$ 5,276.00	\$ 12,000.00	43.97%
53000 Office Expenses			
53010 Public Information	6.24	1,325.00	0.00%
53020 Office Supplies	70.19	210.00	33.42%
53026 Postage & Mailing	338.38	650.00	52.06%
53070 Licenses, Permits & Fees		1,100.00	0.00%
53110 Travel & Training	316.75	500.00	63.35%
Total 53000 Office Expenses	\$ 731.56	\$ 3,785.00	19.33%
53111 Office Expenses - Other		300.00	0.00%
53500 Insurance			
53510 Liability Insurance	5,834.63	5,361.30	108.83%
Total 53500 Insurance	\$ 5,834.63	\$ 5,361.30	108.83%
70000 Interest & Debt Service			
70120 Interest Expense	216.31	1,238.00	17.47%
70130 Principal Payment		0.00	
Total 70000 Interest & Debt Service	\$ 216.31	\$ 1,238.00	17.47%
81000 Contingency - Non Capital Expen		21,006.08	0.00%
82000 Capital Expenditures			
82001 Capital Project Expenditures		5,000.00	0.00%
82002 Contingency - Capital		0.00	
Total 82000 Capital Expenditures	\$ 0.00	\$ 5,000.00	0.00%
Total Expenses	\$ 84,380.20	\$ 181,066.84	46.60%
Net Operating Income	\$ 147,158.25	\$ 170,160.16	86.48%
Net Income	\$ 147,158.25	\$ 170,160.16	86.48%

ATTACHMENT B**Mound Basin GSA
Balance Sheet
As of May 31, 2023**

	<u>May-23</u>
ASSETS	
Current Assets	
Bank Accounts	
10000 Bank of the Sierra	574,948.65
Total Bank Accounts	<u>\$ 574,948.65</u>
Accounts Receivable	
11000 Accounts Receivable	196,381.00
Total Accounts Receivable	<u>\$ 196,381.00</u>
Other Current Assets	
12000 Undeposited Funds	0.00
Total Other Current Assets	<u>\$ 0.00</u>
Total Current Assets	<u>\$ 771,329.65</u>
TOTAL ASSETS	<u><u>\$ 771,329.65</u></u>
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
20000 Accounts Payable	0.00
Total Accounts Payable	<u>\$ 0.00</u>
Other Current Liabilities	
20001 Advance from City of Ventura	0.00
20002 Advance from County of Ventura	0.00
20003 Cash Advance to Open Account	0.00
20510 Interest Payable	0.00
Total Other Current Liabilities	<u>\$ 0.00</u>
Total Current Liabilities	<u>\$ 0.00</u>
Total Liabilities	<u>\$ 0.00</u>
Equity	
32000 Retained Earnings	624,171.40
Net Income	147,158.25
Total Equity	<u>\$ 771,329.65</u>
TOTAL LIABILITIES AND EQUITY	<u><u>\$ 771,329.65</u></u>



MoundBasin

GROUNDWATER SUSTAINABILITY AGENCY

Item No. 7

DATE: June 26, 2023
TO: Board of Directors
FROM: Executive Director
SUBJECT: Executive Director Update

SUMMARY

The following are updates on Agency activities since the last Board meeting.

1. Administrative: No update.
2. Financial:
 - a. Invoices for the 2022-2 semi-annual period (August – December 2022) were issued on March 3, 2023, with payment due April 3, 2023. All invoices have been paid. Please see later agenda item for information concerning penalties and interest.
3. Legal: No update.
4. Groundwater Sustainability Plan (GSP) Implementation:
 - a. GSP: The GSP is under review by the Department of Water Resources (DWR).
 - b. GSP Development Grant:
 - i. Progress report and invoice no. 12 was submitted to DWR on April 25, 2022, and approved November 1, 2022. Payment in the amount of \$106,022.61 was delayed on DWR's end and is expected soon.
 - ii. The required grant closeout report and retention release request were submitted to DWR on April 25, 2022. Retention payment in the amount of \$75,792.14 is expected 1-2 months after DWR approval, which was obtained on May 18, 2023.
 - c. Small GSA Coalition: No update.
 - d. Groundwater Monitoring Well – DWR Technical Support Services (TSS): DWR is working on closing out the project and transferring custody of the wells to MBGSA. UWCD groundwater monitoring staff are making preparations to add the well to their monitoring schedule.

- e. Shallow Groundwater Level Monitoring: Monitoring activities are ongoing by UWCD on behalf of MBGSA.

5. Miscellaneous: None.

6. Correspondence: None.

INFORMATIONAL ITEM

Receive an update from the Executive Director on activities since the previous board meeting.

BACKGROUND

Not applicable

FISCAL SUMMARY

Not applicable.

ATTACHMENTS

None.



MoundBasin

GROUNDWATER SUSTAINABILITY AGENCY

Information Item No. 8

DATE: June 26, 2023
TO: Board of Directors
FROM: Executive Director
SUBJECT: New Monitoring Well Briefing

SUMMARY

A monitoring well cluster was constructed at the Ventura Water Reclamation Facility in 2022 to provide one of the three proposed seawater intrusion monitoring locations identified in the MBGSA Groundwater Sustainability Plan (GSP) (i.e., “Site A” on the maps included in Attachment A). Monitoring Well A and future Monitoring Well B (“Site B”) will provide data to demonstrate compliance with the minimum thresholds and measurable objectives for seawater intrusion identified in the GSP. Monitoring Well C (“Site C”) is an optional monitoring well that could be constructed at the coastline to provide additional early warning of seawater intrusion south of the existing coastline monitoring well located at Marina Park (“02N23W15J01S”).

Monitoring Well A was constructed under the Department of Water Resources Technical Support Services (TSS) grant program. MBGSA’s only out-of-pocket expenses were those associated with securing a long-term access agreement with the City of Ventura, obtaining a Coastal Development Permit, and project coordination. It is estimated that MBGSA saved between \$750,000 and \$1,000,000 by applying for and receiving the TSS grant.

Monitoring Well A consists of three separate monitoring wells drilled in close proximity to each other (a.k.a. “monitoring well cluster”) (please see Attachment B for construction photos and Attachment C for Well Constriction Diagrams). The wells were drilled in separate boreholes to eliminate the possibility of cross-flow between aquifers that can occur in wells completed in a nested configuration (i.e., when multiple wells are constructed in a single borehole). The shallowest monitoring well in the cluster is completed in the Shallow Alluvial Deposits and will be used to assess the hydraulic connection of the Santa Clara River and its estuary with the groundwater in the Shallow Alluvial Deposits and the deeper principal aquifers. The intermediate depth monitoring well is completed in the Mugu Aquifer, one of the two principal aquifers identified in the GSP. The deep monitoring well is completed in the Hueneme Aquifer, the other principal aquifer identified in the GSP.

Monitoring Well A cluster construction was completed in July 2022. DWR sampled the wells after completing well development (Table 1 and Attachment D). Groundwater mixed with seawater was detected in the Shallow Alluvial Deposits monitoring well, which was expected due to the anticipated hydraulic communication of shallow groundwater with the Santa Clara River Estuary. Groundwater quality results for the Mugu and Hueneme monitoring wells do not show signs of seawater intrusion and the water quality results for those monitoring wells are similar to other Mugu and Hueneme Aquifer wells in the Basin.

Table 1. Key Water Quality Results – Monitoring Well A Initial Sampling Event

Well	Sample Date	Total Dissolved Solids (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Boron (mg/L)	Nitrate-N (mg/L)
Shallow	8/2/22	4,100	450	1,900	1.6	Not Detected
Mugu	8/3/22	1,200	68	560	0.56	Not Detected
Hueneme	8/3/22	1,200	85	540	0.68	Not Detected

Monitoring Well A will be incorporated into United Water Conservation District’s monitoring program. The Mugu and Hueneme monitoring wells will have groundwater levels monitored continuously using transducers (procurement is underway) and will have groundwater quality samples collected semiannually (first UWCD sampling event is being scheduled). The GSP does not include a schedule for monitoring groundwater levels and quality in the Shallow Alluvial Deposits monitoring well, although current plans are to install a transducer through at least the first five-year GSP assessment period.

In addition to the semiannual water quality sampling, it is recommended that periodic induction logs of the deep monitoring well be performed to check for seawater intrusion in the Mugu and Hueneme Aquifers. Induction logging is performed by lowering a tool within the well casing that provides a continuous measurement of the electrical conductivity of the formation and fluids contained in the formation. Seawater intrusion can be identified by tracking changes in consecutive logs performed over time. The benefits of performing periodic induction logs are that (1) it may be possible to identify seawater intrusion before it can be definitively detected in water quality samples alone and (2) the logs will show the precise zones within the aquifer that are being intruded.

INFORMATIONAL ITEM

Receive a briefing from the Executive Director concerning the new monitoring well constructed in 2022.

BACKGROUND

Not applicable

FISCAL SUMMARY

Not applicable.

ATTACHMENTS

- A. Maps Showing Monitoring Well Location
- B. Well Construction Photos
- C. Well Construction Diagrams
- D. Laboratory Report

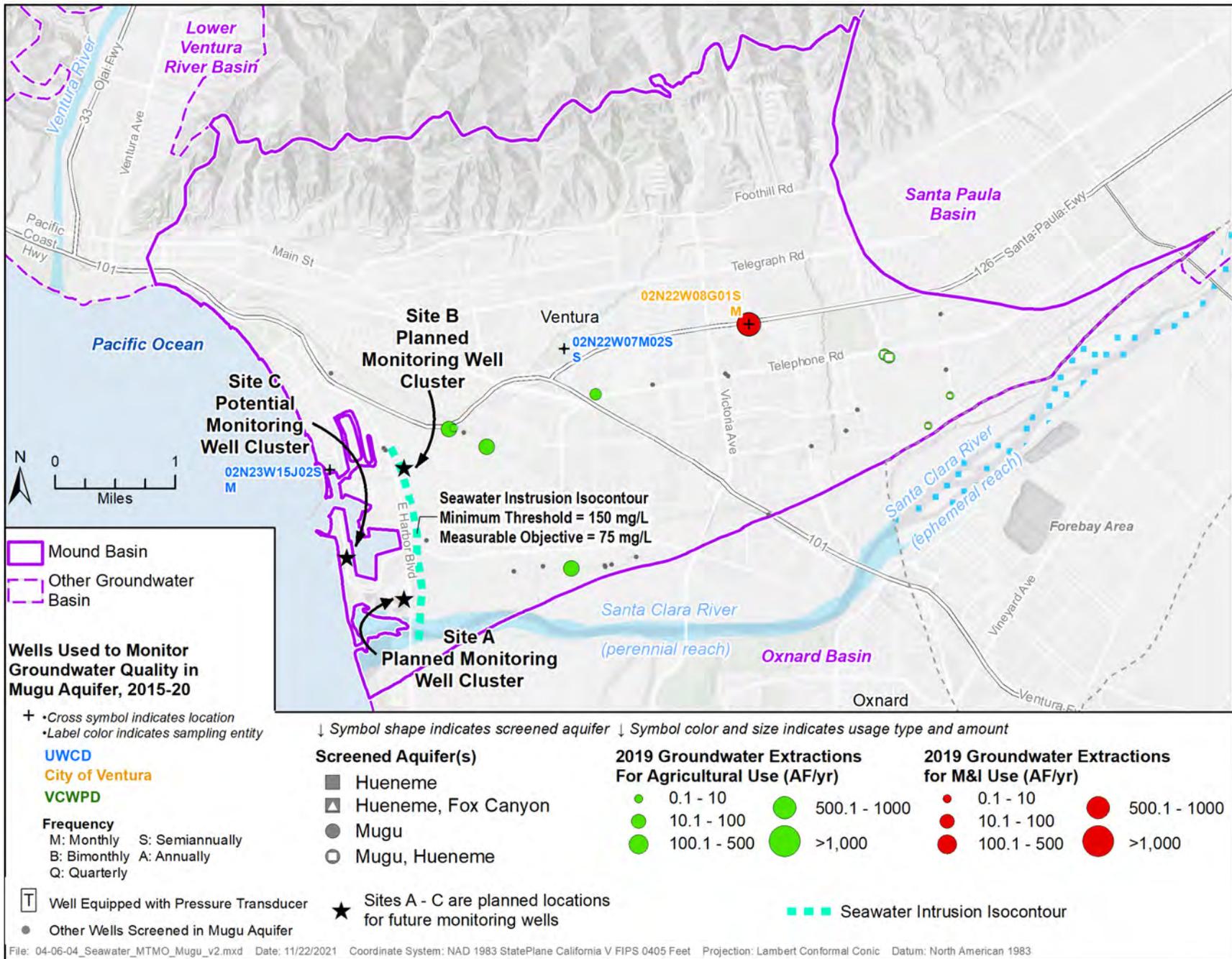


Figure 4.6-04 Map Showing Seawater Intrusion Minimum Threshold and Measurable Objective, Mugu Aquifer.

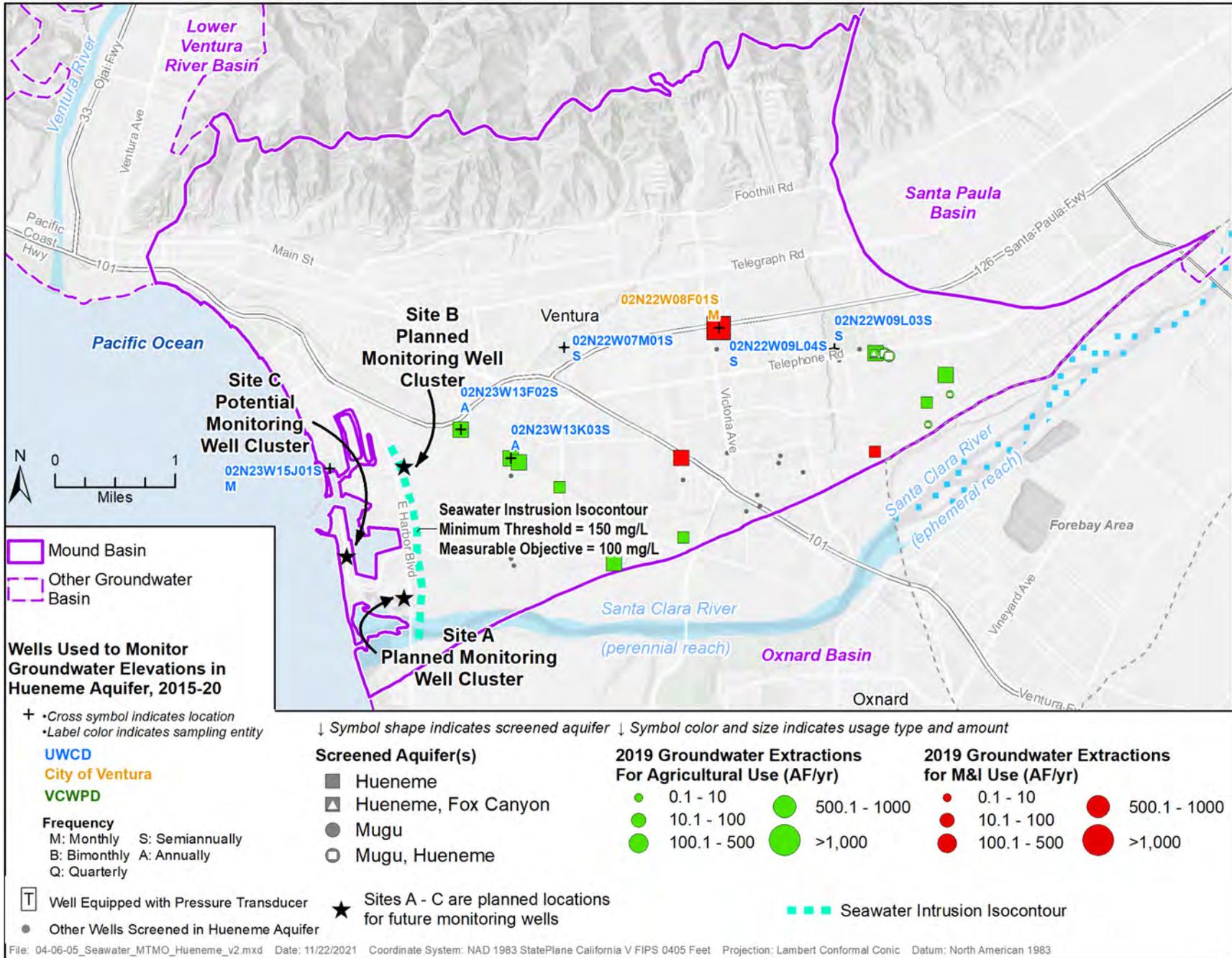


Figure 4.6-05 Map Showing Seawater Intrusion Minimum Threshold and Measurable Objective, Hueneme Aquifer.

Item 8, Attachment B – Well Construction Photos



Photo 1. Installation of conductor casing



Photo 2. Mud rotary drilling setup. Pilot hole drilling in progress.



Photo 3. Mud rotary drilling setup. Pilot hole drilling in progress. Note geologist logging table on left.



Photo 4. Drill rig leaning due to sinkhole formed during drilling activities.

Item 8, Attachment B – Well Construction Photos



Photo 4. View of sinkhole after safely removing drill rig. Note secondary conductor casing installed to stabilize drill hole.

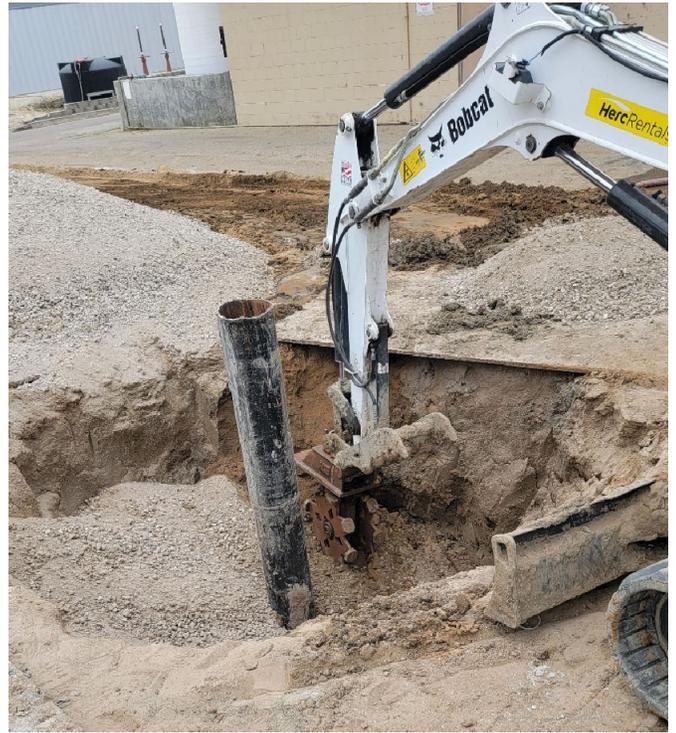


Photo 5. Backfilling and compacting sinkhole after excavating liquefied soils.



Photo 6. Surface after completing sinkhole remediation.



Photo 7. Drill cuttings from aquifer zone. Note the coarse and medium-grained sand particles.

Item 8, Attachment B – Well Construction Photos



Photo 8. Performing geophysical survey of borehole to inform well design.



Photo 9. Installing PVC well casing.

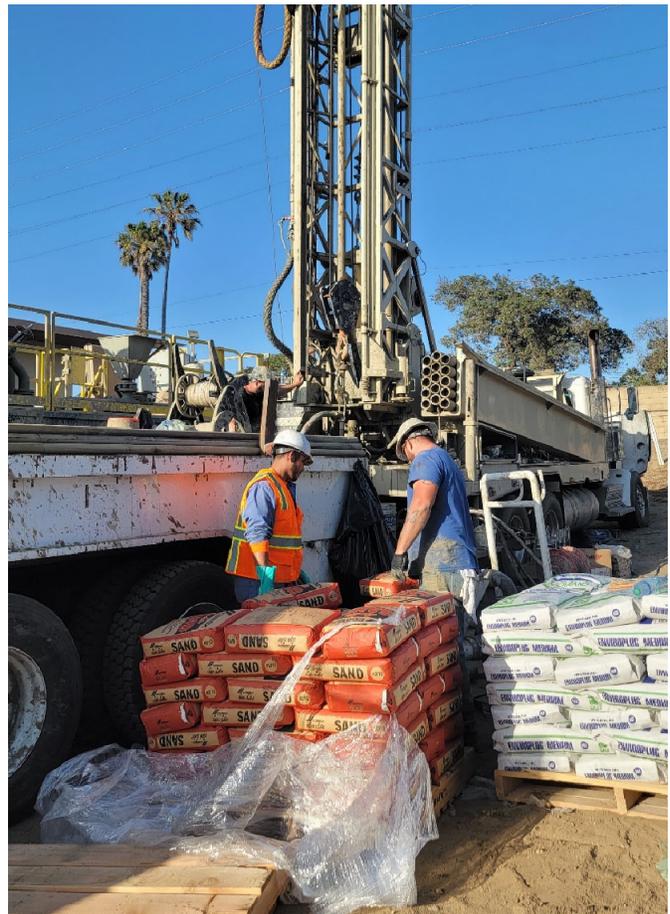


Photo 10. Preparing to install sand filter pack around well screen.

Item 8, Attachment B – Well Construction Photos



Photo 11. Pumping bentonite chips into borehole to seal between aquifers.

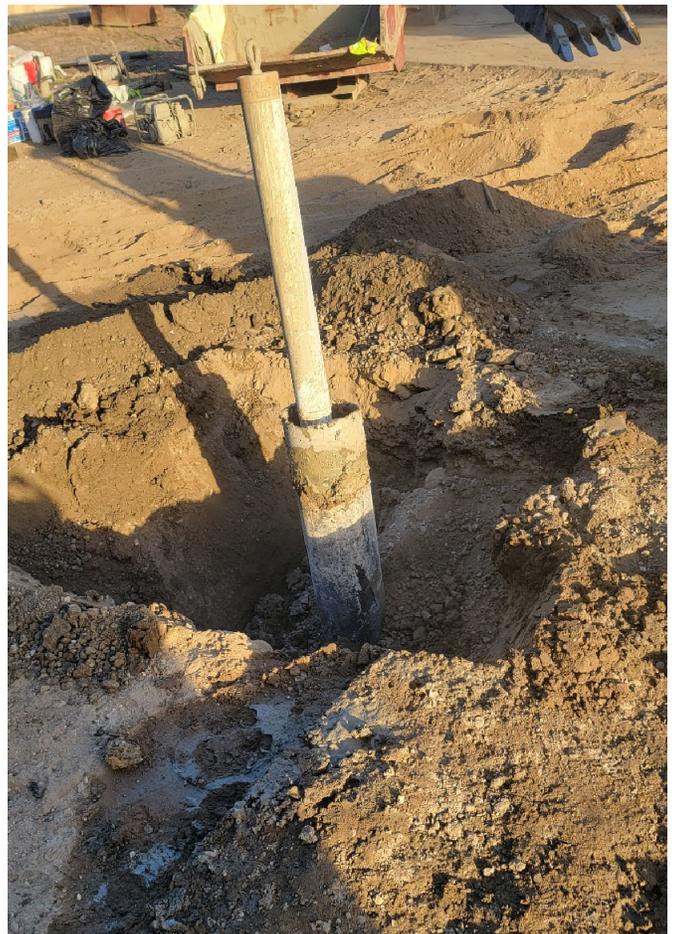


Photo 12. Excavating around well for vault installation.



Photo 13. 2'x2'x2' traffic rated vault set in concrete (vault lid not in view).

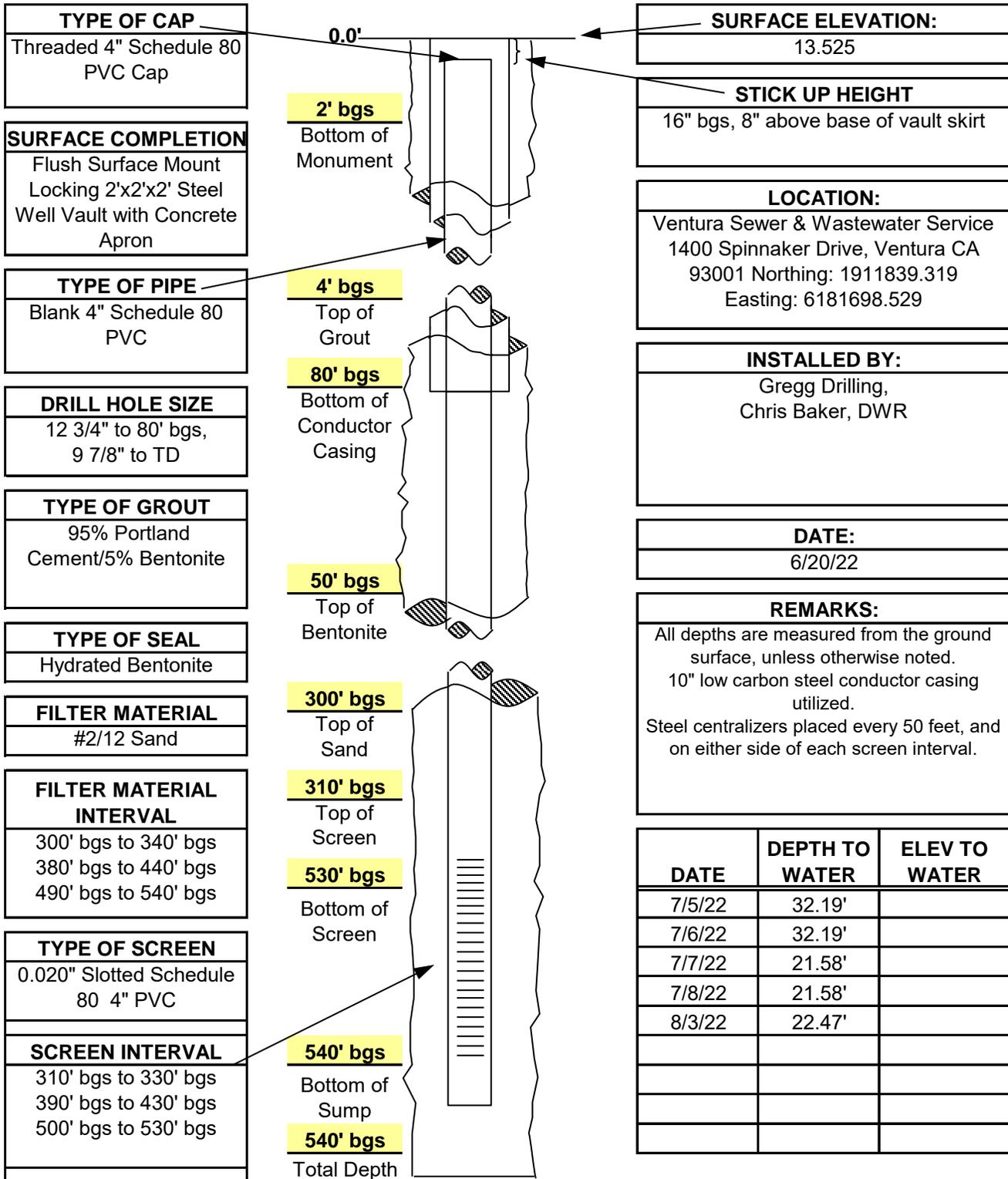
State of California
The California Natural Resources Agency
DEPARTMENT OF WATER RESOURCES

SHEET 2 of 3

HOLE NO. MW-Intermediate

PROJECT: Mound Basin Well Installation

FEATURE: Monitoring Well



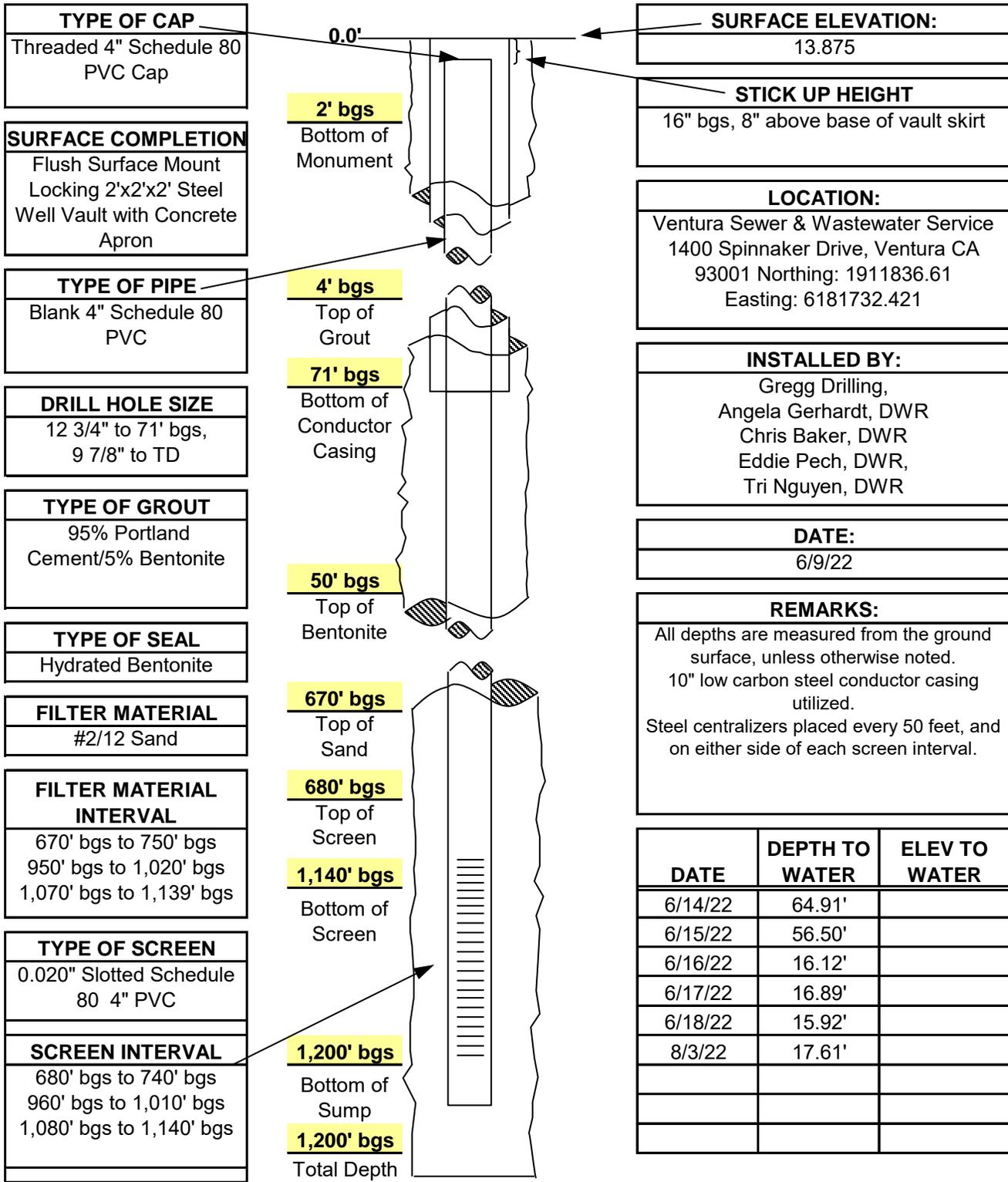
State of California
The California Natural Resources Agency
DEPARTMENT OF WATER RESOURCES

SHEET 3 of 3

HOLE NO. MW-Deep

PROJECT: Mound Basin Well Installation

FEATURE: Monitoring Well



Work Orders: 2H04117

Report Date: 8/22/2022

Project: Mound Basin Monitoring Well Installation

Received Date: 8/4/2022

Turnaround Time: Normal

Phones: (916) 375-6008

Attn: Sid Fong

Fax:

Client: CA Department of Water Resources
1450 Riverbank Road
West Sacramento, CA 95605

P.O. #:

Billing Code:

DoD-ELAP ANAB #ADE-2882 • DoD-ISO ANAB # • ELAP-CA #1132 • EPA-UCMR #CA00211 • HW-DOH #4047 • ISO17025 ANAB #L2457.01 • LACSD #10143 • NELAP-OR #4047 • SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

Dear Sid Fong,

Enclosed are the results of analyses for samples received 8/04/22 with the Chain-of-Custody document. The samples were received in good condition, at 2.6 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:



Brandon Gee
Operations Manager/Senior PM



CA Department of Water Resources
 1450 Riverbank Road
 West Sacramento, CA 95605

Project Number: Mound Basin Monitoring Well Installation

Reported:
 08/22/2022 15:16

Project Manager: Sid Fong

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
MW-Shallow	Eddie Pech	2H04117-01	Water	08/02/22 16:10	
MW-Intermediate	Eddie Pech	2H04117-02	Water	08/03/22 11:10	
MW-Deep	Eddie Pech	2H04117-03	Water	08/03/22 14:30	

CA Department of Water Resources
1450 Riverbank Road
West Sacramento, CA 95605

Project Number: Mound Basin Monitoring Well Installation

Reported:
08/22/2022 15:16

Project Manager: Sid Fong

Sample Results

Sample: MW-Shallow
2H04117-01 (Water) Sampled: 08/02/22 16:10 by Eddie Pech

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0						
Method: EPA 300.0		Instr: LCMS04				
Batch ID: W2H0544	Preparation: _NONE (LC)	Prepared: 08/05/22 10:51		Analyst: cam		
Bromide	2.4	0.50	mg/l	1	08/05/22	
Fluoride, Total	0.67	0.10	mg/l	1	08/05/22	
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods						
Method: Calculation		Instr: [CALC]				
Batch ID: [CALC]	Preparation: [CALC]	Prepared: 08/11/22 10:42		Analyst: YMT		
Nitrogen, Total	1.7	0.10	mg/l	1	08/15/22	
Method: EPA 335.4		Instr: AA01				
Batch ID: W2H0579	Preparation: _NONE (WETCHEM)	Prepared: 08/06/22 09:12		Analyst: ISM		
Cyanide, Total	ND	5.0	ug/l	1	08/06/22	
Method: EPA 351.2		Instr: AA06				
Batch ID: W2H1002	Preparation: _NONE (WETCHEM)	Prepared: 08/11/22 10:42		Analyst: YMT		
TKN	1.7	0.10	mg/l	1	08/15/22	
Method: EPA 353.2		Instr: AA01				
Batch ID: W2H0499	Preparation: _NONE (WETCHEM)	Prepared: 08/04/22 17:36		Analyst: ism		
Nitrate as N	ND	0.20	mg/l	1	08/04/22 18:18	FILT, O-15
Nitrite as N	ND	100	ug/l	1	08/04/22 18:18	FILT, O-15
NO2+NO3 as N	ND	200	ug/l	1	08/04/22	FILT
Method: SM 2320B		Instr: AA02				
Batch ID: W2H0494	Preparation: _NONE (WETCHEM)	Prepared: 08/04/22 16:39		Analyst: vat		
Alkalinity as CaCO3	430	5.0	mg/l	1	08/04/22	
Bicarbonate Alkalinity as HCO3	530	6.1	mg/l	1	08/04/22	
Carbonate Alkalinity as CaCO3	ND	5.0	mg/l	1	08/04/22	
Hydroxide Alkalinity as CaCO3	ND	5.0	mg/l	1	08/04/22	
Method: SM 2510B		Instr: AA02				
Batch ID: W2H0554	Preparation: _NONE (WETCHEM)	Prepared: 08/10/22 12:05		Analyst: vat		
Specific Conductance (EC)	4900	2.0	umhos/cm	1	08/17/22	
Method: SM 2540C		Instr: OVEN01				
Batch ID: W2H0733	Preparation: _NONE (WETCHEM)	Prepared: 08/09/22 09:09		Analyst: jao		
Total Dissolved Solids	4100	10	mg/l	1	08/09/22	
Method: SM 5540C		Instr: UVVIS04				
Batch ID: W2H0424	Preparation: _NONE (WETCHEM)	Prepared: 08/04/22 09:39		Analyst: UVVIS04		
MBAS	0.10	0.050	mg/l	1	08/04/22 18:38	O-15
Metals by EPA 200 Series Methods						
Method: Calculation		Instr: [CALC]				
Batch ID: [CALC]	Preparation: [CALC]	Prepared: 08/08/22 11:14		Analyst: kvm		
Hardness as CaCO3, Total	1650	8.30	mg/l	5	08/09/22	

CA Department of Water Resources
1450 Riverbank Road
West Sacramento, CA 95605

Project Number: Mound Basin Monitoring Well Installation

Reported:
08/22/2022 15:16

Project Manager: Sid Fong

Sample Results

(Continued)

Sample: MW-Shallow
2H04117-01 (Water) Sampled: 08/02/22 16:10 by Eddie Pech
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods (Continued)						
Method: EPA 200.7		Instr: ICP03				
Batch ID: W2H0629	Preparation: EPA 200.2	Prepared: 08/08/22 11:14		Analyst: kvm		
Boron, Total	1600	10	ug/l	1	08/09/22	
Calcium, Total	399	2.50	mg/l	5	08/09/22	
Iron, Total	8.3	0.030	mg/l	1	08/09/22	
Magnesium, Total	160	0.500	mg/l	1	08/09/22	
Potassium, Total	16	0.50	mg/l	1	08/09/22	
Sodium, Total	560	5.0	mg/l	5	08/09/22	
Method: EPA 200.8		Instr: ICPMS06				
Batch ID: W2H0631	Preparation: EPA 200.2	Prepared: 08/08/22 13:09		Analyst: MPN		
Aluminum, Total	470	20	ug/l	1	08/09/22	
Antimony, Total	ND	0.50	ug/l	1	08/09/22	
Arsenic, Total	14	0.40	ug/l	1	08/09/22	
Barium, Total	30	1.0	ug/l	1	08/09/22	
Beryllium, Total	ND	0.10	ug/l	1	08/09/22	
Cadmium, Total	ND	0.20	ug/l	1	08/09/22	
Chromium, Total	0.97	0.20	ug/l	1	08/09/22	
Cobalt, Total	0.69	0.10	ug/l	1	08/09/22	
Copper, Total	0.59	0.50	ug/l	1	08/09/22	
Lead, Total	0.32	0.20	ug/l	1	08/09/22	
Manganese, Total	1300	5.0	ug/l	5	08/11/22	
Molybdenum, Total	35	0.10	ug/l	1	08/09/22	
Nickel, Total	2.7	2.0	ug/l	1	08/09/22	
Selenium, Total	ND	0.40	ug/l	1	08/09/22	
Silver, Total	ND	0.20	ug/l	1	08/09/22	
Strontium, Total	3400	1.0	ug/l	5	08/11/22	
Thallium, Total	ND	0.20	ug/l	1	08/09/22	
Vanadium, Total	1.5	0.50	ug/l	1	08/09/22	
Zinc, Total	ND	10	ug/l	1	08/09/22	
Method: EPA 245.1		Instr: HG03				
Batch ID: W2H0542	Preparation: EPA 245.1	Prepared: 08/05/22 10:37		Analyst: kvm		
Mercury, Total	0.084	0.050	ug/l	1	08/06/22	

CA Department of Water Resources
 1450 Riverbank Road
 West Sacramento, CA 95605

Project Number: Mound Basin Monitoring Well Installation

Reported:
 08/22/2022 15:16

Project Manager: Sid Fong

Sample Results

(Continued)

Sample: MW-Shallow
 2H04117-01RE1 (Water) Sampled: 08/02/22 16:10 by Eddie Pech

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0						
Method: EPA 300.0		Instr: LC12				
Batch ID: W2H0987	Preparation: _NONE (LC)	Prepared: 08/11/22 10:25		Analyst: cam		
Chloride, Total	450	5.0	mg/l	10	08/12/22	
Sulfate as SO4	1900	5.0	mg/l	10	08/12/22	

CA Department of Water Resources
1450 Riverbank Road
West Sacramento, CA 95605

Project Number: Mound Basin Monitoring Well Installation

Reported:
08/22/2022 15:16

Project Manager: Sid Fong

Sample Results

(Continued)

Sample: MW-Intermediate
2H04117-02 (Water) Sampled: 08/03/22 11:10 by Eddie Pech

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0						
Method: EPA 300.0		Instr: LCMS04				
Batch ID: W2H0544	Preparation: _NONE (LC)	Prepared: 08/05/22 10:51		Analyst: cam		
Bromide	ND	0.50	mg/l	1	08/05/22	
Chloride, Total	68	0.50	mg/l	1	08/05/22	
Fluoride, Total	0.32	0.10	mg/l	1	08/05/22	
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods						
Method: Calculation		Instr: [CALC]				
Batch ID: [CALC]	Preparation: [CALC]	Prepared: 08/11/22 10:42		Analyst: YMT		
Nitrogen, Total	0.13	0.10	mg/l	1	08/15/22	
Method: EPA 335.4		Instr: AA01				
Batch ID: W2H0840	Preparation: _NONE (WETCHEM)	Prepared: 08/10/22 09:28		Analyst: ism		
Cyanide, Total	ND	5.0	ug/l	1	08/13/22	
Method: EPA 351.2		Instr: AA06				
Batch ID: W2H1002	Preparation: _NONE (WETCHEM)	Prepared: 08/11/22 10:42		Analyst: YMT		
TKN	0.13	0.10	mg/l	1	08/15/22	
Method: EPA 353.2		Instr: AA01				
Batch ID: W2H0499	Preparation: _NONE (WETCHEM)	Prepared: 08/04/22 17:36		Analyst: ism		
Nitrate as N	ND	0.20	mg/l	1	08/04/22 18:19	
Nitrite as N	ND	100	ug/l	1	08/04/22 18:19	
NO2+NO3 as N	ND	200	ug/l	1	08/04/22	
Method: SM 2320B		Instr: AA02				
Batch ID: W2H0494	Preparation: _NONE (WETCHEM)	Prepared: 08/04/22 16:39		Analyst: vat		
Alkalinity as CaCO3	260	5.0	mg/l	1	08/04/22	
Bicarbonate Alkalinity as HCO3	310	6.1	mg/l	1	08/04/22	
Carbonate Alkalinity as CaCO3	ND	5.0	mg/l	1	08/04/22	
Hydroxide Alkalinity as CaCO3	ND	5.0	mg/l	1	08/04/22	
Method: SM 2510B		Instr: AA02				
Batch ID: W2H0535	Preparation: _NONE (WETCHEM)	Prepared: 08/05/22 10:18		Analyst: vat		
Specific Conductance (EC)	1600	4.0	umhos/cm	2	08/05/22	
Method: SM 2540C		Instr: OVEN01				
Batch ID: W2H0847	Preparation: _NONE (WETCHEM)	Prepared: 08/10/22 09:40		Analyst: jao		
Total Dissolved Solids	1200	10	mg/l	1	08/10/22	
Method: SM 5540C		Instr: UVVIS04				
Batch ID: W2H0424	Preparation: _NONE (WETCHEM)	Prepared: 08/04/22 09:39		Analyst: UVVIS04		
MBAS	ND	0.050	mg/l	1	08/04/22 18:38	
Metals by EPA 200 Series Methods						
Method: Calculation		Instr: [CALC]				
Batch ID: [CALC]	Preparation: [CALC]	Prepared: 08/08/22 11:14		Analyst: kvm		

CA Department of Water Resources
1450 Riverbank Road
West Sacramento, CA 95605

Project Number: Mound Basin Monitoring Well Installation

Reported:
08/22/2022 15:16

Project Manager: Sid Fong

Sample Results

(Continued)

Sample: MW-Intermediate
2H04117-02 (Water) Sampled: 08/03/22 11:10 by Eddie Pech
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods (Continued)

Method: Calculation **Instr:** [CALC]
Batch ID: [CALC] **Prepared:** 08/08/22 11:14
Preparation: [CALC] **Analyst:** kvm

Hardness as CaCO₃, Total	548	3.31	mg/l	1	08/09/22	
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Method: EPA 200.7 **Instr:** ICP03
Batch ID: W2H0629 **Prepared:** 08/08/22 11:14
Preparation: EPA 200.2 **Analyst:** kvm

Boron, Total	560	10	ug/l	1	08/09/22	
Calcium, Total	146	0.500	mg/l	1	08/09/22	
Iron, Total	ND	0.030	mg/l	1	08/09/22	
Magnesium, Total	44.6	0.500	mg/l	1	08/09/22	
Potassium, Total	6.1	0.50	mg/l	1	08/09/22	
Sodium, Total	140	1.0	mg/l	1	08/09/22	

Method: EPA 200.8 **Instr:** ICPMS06
Batch ID: W2H0631 **Prepared:** 08/08/22 13:09
Preparation: EPA 200.2 **Analyst:** MPN

Aluminum, Total	ND	20	ug/l	1	08/09/22	
Antimony, Total	ND	0.50	ug/l	1	08/09/22	
Arsenic, Total	0.52	0.40	ug/l	1	08/09/22	
Barium, Total	18	1.0	ug/l	1	08/09/22	
Beryllium, Total	ND	0.10	ug/l	1	08/09/22	
Cadmium, Total	ND	0.20	ug/l	1	08/09/22	
Chromium, Total	ND	0.20	ug/l	1	08/09/22	
Cobalt, Total	ND	0.10	ug/l	1	08/09/22	
Copper, Total	ND	0.50	ug/l	1	08/09/22	
Lead, Total	ND	0.20	ug/l	1	08/09/22	
Manganese, Total	170	1.0	ug/l	1	08/09/22	
Molybdenum, Total	14	0.10	ug/l	1	08/09/22	
Nickel, Total	ND	2.0	ug/l	1	08/09/22	
Selenium, Total	ND	0.40	ug/l	1	08/09/22	
Silver, Total	ND	0.20	ug/l	1	08/09/22	
Strontium, Total	1200	1.0	ug/l	5	08/11/22	
Thallium, Total	ND	0.20	ug/l	1	08/09/22	
Vanadium, Total	0.56	0.50	ug/l	1	08/09/22	
Zinc, Total	ND	10	ug/l	1	08/09/22	

Method: EPA 245.1 **Instr:** HG03
Batch ID: W2H0542 **Prepared:** 08/05/22 10:37
Preparation: EPA 245.1 **Analyst:** kvm

Mercury, Total	ND	0.050	ug/l	1	08/06/22	
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CA Department of Water Resources
 1450 Riverbank Road
 West Sacramento, CA 95605

Project Number: Mound Basin Monitoring Well Installation

Reported:
 08/22/2022 15:16

Project Manager: Sid Fong

(Continued)

Sample Results

Sample: MW-Intermediate
 2H04117-02RE1 (Water) Sampled: 08/03/22 11:10 by Eddie Pech

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0						
Method: EPA 300.0		Instr: LC12				
Batch ID: W2H0987		Preparation: _NONE (LC)		Prepared: 08/11/22 10:25		Analyst: cam
Sulfate as SO4	560	5.0	mg/l	10	08/12/22	

CA Department of Water Resources
1450 Riverbank Road
West Sacramento, CA 95605

Project Number: Mound Basin Monitoring Well Installation

Reported:
08/22/2022 15:16

Project Manager: Sid Fong

Sample Results

(Continued)

Sample: MW-Deep
2H04117-03 (Water) Sampled: 08/03/22 14:30 by Eddie Pech

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0						
Method: EPA 300.0		Instr: LCMS04				
Batch ID: W2H0544	Preparation: _NONE (LC)	Prepared: 08/05/22 10:51		Analyst: cam		
Bromide	0.91	0.50	mg/l	1	08/05/22	
Chloride, Total	85	0.50	mg/l	1	08/05/22	
Fluoride, Total	0.27	0.10	mg/l	1	08/05/22	
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods						
Method: Calculation		Instr: [CALC]				
Batch ID: [CALC]	Preparation: [CALC]	Prepared: 08/11/22 10:42		Analyst: YMT		
Nitrogen, Total	0.36	0.10	mg/l	1	08/15/22	
Method: EPA 335.4		Instr: AA01				
Batch ID: W2H0754	Preparation: _NONE (WETCHEM)	Prepared: 08/09/22 10:26		Analyst: ism		
Cyanide, Total	ND	5.0	ug/l	1	08/10/22	
Method: EPA 351.2		Instr: AA06				
Batch ID: W2H1002	Preparation: _NONE (WETCHEM)	Prepared: 08/11/22 10:42		Analyst: YMT		
TKN	0.36	0.10	mg/l	1	08/15/22	
Method: EPA 353.2		Instr: AA01				
Batch ID: W2H0499	Preparation: _NONE (WETCHEM)	Prepared: 08/04/22 17:36		Analyst: ism		
Nitrate as N	ND	0.20	mg/l	1	08/04/22 18:20	
Nitrite as N	ND	100	ug/l	1	08/04/22 18:20	
NO2+NO3 as N	ND	200	ug/l	1	08/04/22	
Method: SM 2320B		Instr: AA02				
Batch ID: W2H0494	Preparation: _NONE (WETCHEM)	Prepared: 08/04/22 16:39		Analyst: vat		
Alkalinity as CaCO3	300	5.0	mg/l	1	08/04/22	
Bicarbonate Alkalinity as HCO3	370	6.1	mg/l	1	08/04/22	
Carbonate Alkalinity as CaCO3	ND	5.0	mg/l	1	08/04/22	
Hydroxide Alkalinity as CaCO3	ND	5.0	mg/l	1	08/04/22	
Method: SM 2510B		Instr: AA02				
Batch ID: W2H0535	Preparation: _NONE (WETCHEM)	Prepared: 08/05/22 10:18		Analyst: vat		
Specific Conductance (EC)	1700	6.0	umhos/cm	3	08/05/22	
Method: SM 2540C		Instr: OVEN01				
Batch ID: W2H0847	Preparation: _NONE (WETCHEM)	Prepared: 08/10/22 09:40		Analyst: jao		
Total Dissolved Solids	1200	10	mg/l	1	08/10/22	
Method: SM 5540C		Instr: UVVIS04				
Batch ID: W2H0424	Preparation: _NONE (WETCHEM)	Prepared: 08/04/22 09:39		Analyst: UVVIS04		
MBAS	ND	0.050	mg/l	1	08/04/22 18:39	
Metals by EPA 200 Series Methods						
Method: Calculation		Instr: [CALC]				
Batch ID: [CALC]	Preparation: [CALC]	Prepared: 08/08/22 11:14		Analyst: kvm		

CA Department of Water Resources
 1450 Riverbank Road
 West Sacramento, CA 95605

Project Number: Mound Basin Monitoring Well Installation

Reported:
 08/22/2022 15:16

Project Manager: Sid Fong

Sample Results

(Continued)

Sample: MW-Deep
 2H04117-03 (Water) Sampled: 08/03/22 14:30 by Eddie Pech
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods (Continued)						
Method: Calculation		Instr: [CALC]				
Batch ID: [CALC]	Preparation: [CALC]	Prepared: 08/08/22 11:14		Analyst: kvm		
Hardness as CaCO ₃ , Total	573	3.31	mg/l	1	08/09/22	
Method: EPA 200.7		Instr: ICP03				
Batch ID: W2H0629	Preparation: EPA 200.2	Prepared: 08/08/22 11:14		Analyst: kvm		
Boron, Total	680	10	ug/l	1	08/09/22	
Calcium, Total	157	0.500	mg/l	1	08/09/22	
Iron, Total	0.82	0.030	mg/l	1	08/09/22	
Magnesium, Total	43.7	0.500	mg/l	1	08/09/22	
Potassium, Total	7.0	0.50	mg/l	1	08/09/22	
Sodium, Total	150	1.0	mg/l	1	08/09/22	
Method: EPA 200.8		Instr: ICPMS06				
Batch ID: W2H0631	Preparation: EPA 200.2	Prepared: 08/08/22 13:09		Analyst: MPN		
Aluminum, Total	ND	20	ug/l	1	08/09/22	
Antimony, Total	ND	0.50	ug/l	1	08/09/22	
Arsenic, Total	1.0	0.40	ug/l	1	08/09/22	
Barium, Total	26	1.0	ug/l	1	08/09/22	
Beryllium, Total	ND	0.10	ug/l	1	08/09/22	
Cadmium, Total	ND	0.20	ug/l	1	08/09/22	
Chromium, Total	4.7	0.20	ug/l	1	08/09/22	
Cobalt, Total	ND	0.10	ug/l	1	08/09/22	
Copper, Total	ND	0.50	ug/l	1	08/09/22	
Lead, Total	ND	0.20	ug/l	1	08/09/22	
Manganese, Total	230	1.0	ug/l	1	08/09/22	
Molybdenum, Total	15	0.10	ug/l	1	08/09/22	
Nickel, Total	ND	2.0	ug/l	1	08/09/22	
Selenium, Total	ND	0.40	ug/l	1	08/09/22	
Silver, Total	ND	0.20	ug/l	1	08/09/22	
Strontium, Total	1300	1.0	ug/l	5	08/11/22	
Thallium, Total	ND	0.20	ug/l	1	08/09/22	
Vanadium, Total	ND	0.50	ug/l	1	08/09/22	
Zinc, Total	ND	10	ug/l	1	08/09/22	
Method: EPA 245.1		Instr: HG03				
Batch ID: W2H0542	Preparation: EPA 245.1	Prepared: 08/05/22 10:37		Analyst: kvm		
Mercury, Total	ND	0.050	ug/l	1	08/06/22	

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Sample Results

Sample: MW-Deep
 2H04117-03RE1 (Water) Sampled: 08/03/22 14:30 by Eddie Pech

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0						
Method: EPA 300.0		Instr: LC12				
Batch ID: W2H0987		Preparation: _NONE (LC)		Prepared: 08/11/22 10:25		Analyst: cam
Sulfate as SO4	540	5.0	mg/l	10	08/12/22	

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Quality Control Results

Anions by IC, EPA Method 300.0

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W2H0544 - EPA 300.0										
Blank (W2H0544-BLK1)				Prepared & Analyzed: 08/05/22						
Bromide	ND	0.50	mg/l							
Chloride, Total	ND	0.50	mg/l							
Fluoride, Total	ND	0.10	mg/l							
LCS (W2H0544-BS1)				Prepared & Analyzed: 08/05/22						
Bromide	5.28	0.50	mg/l	5.00		106	90-110			
Chloride, Total	21.4	0.50	mg/l	20.0		107	90-110			
Fluoride, Total	1.99	0.10	mg/l	2.00		99	90-110			
Matrix Spike (W2H0544-MS1)				Source: 2H03093-02			Prepared & Analyzed: 08/05/22			
Bromide	50.2	5.0	mg/l	50.0	ND	100	89-114			
Chloride, Total	213	5.0	mg/l	200	12.3	101	76-118			
Fluoride, Total	19.1	1.0	mg/l	20.0	2.52	83	86-107			MS-05
Matrix Spike (W2H0544-MS2)				Source: 2H04020-01			Prepared & Analyzed: 08/05/22			
Bromide	50.2	5.0	mg/l	50.0	ND	100	89-114			
Chloride, Total	228	5.0	mg/l	200	25.0	102	76-118			
Fluoride, Total	17.5	1.0	mg/l	20.0	0.785	84	86-107			MS-05
Matrix Spike Dup (W2H0544-MSD1)				Source: 2H03093-02			Prepared & Analyzed: 08/05/22			
Bromide	50.0	5.0	mg/l	50.0	ND	100	89-114	0.2	20	
Chloride, Total	213	5.0	mg/l	200	12.3	101	76-118	0.009	20	
Fluoride, Total	18.9	1.0	mg/l	20.0	2.52	82	86-107	0.8	20	MS-05
Matrix Spike Dup (W2H0544-MSD2)				Source: 2H04020-01			Prepared & Analyzed: 08/05/22			
Bromide	50.9	5.0	mg/l	50.0	ND	102	89-114	1	20	
Chloride, Total	228	5.0	mg/l	200	25.0	102	76-118	0.02	20	
Fluoride, Total	17.5	1.0	mg/l	20.0	0.785	84	86-107	0.06	20	MS-05
Batch: W2H0987 - EPA 300.0										
Blank (W2H0987-BLK1)				Prepared: 08/11/22 Analyzed: 08/12/22						
Chloride, Total	ND	0.50	mg/l							
Sulfate as SO4	ND	0.50	mg/l							
LCS (W2H0987-BS1)				Prepared: 08/11/22 Analyzed: 08/12/22						
Chloride, Total	21.2	0.50	mg/l	20.0		106	90-110			
Sulfate as SO4	21.3	0.50	mg/l	20.0		107	90-110			
Matrix Spike (W2H0987-MS1)				Source: 2H01006-02			Prepared: 08/11/22 Analyzed: 08/12/22			
Chloride, Total	272	5.0	mg/l	200	71.1	101	76-118			
Sulfate as SO4	225	5.0	mg/l	200	17.6	104	78-111			
Matrix Spike (W2H0987-MS2)				Source: 2H01006-03			Prepared: 08/11/22 Analyzed: 08/12/22			
Chloride, Total	242	5.0	mg/l	200	45.5	98	76-118			
Sulfate as SO4	261	5.0	mg/l	200	60.8	100	78-111			
Matrix Spike Dup (W2H0987-MSD1)				Source: 2H01006-02			Prepared: 08/11/22 Analyzed: 08/12/22			
Chloride, Total	272	5.0	mg/l	200	71.1	101	76-118	0.03	20	

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Anions by IC, EPA Method 300.0 (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W2H0987 - EPA 300.0 (Continued)										
Matrix Spike Dup (W2H0987-MSD1)										
Source: 2H01006-02										
Prepared: 08/11/22 Analyzed: 08/12/22										
Sulfate as SO4	224	5.0	mg/l	200	17.6	103	78-111	0.3	20	
Matrix Spike Dup (W2H0987-MSD2)										
Source: 2H01006-03										
Prepared: 08/11/22 Analyzed: 08/12/22										
Chloride, Total	243	5.0	mg/l	200	45.5	99	76-118	0.2	20	
Sulfate as SO4	263	5.0	mg/l	200	60.8	101	78-111	0.7	20	

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Quality Control Results

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Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W2H0424 - SM 5540C										
Blank (W2H0424-BLK1) Prepared & Analyzed: 08/04/22										
MBAS	ND	0.050	mg/l							
LCS (W2H0424-BS1) Prepared & Analyzed: 08/04/22										
MBAS	0.179	0.050	mg/l	0.200		90	82-115			
Duplicate (W2H0424-DUP1) Source: 2G26001-02 Prepared & Analyzed: 08/04/22										
MBAS	0.0599	0.050	mg/l		0.0589			2	20	
Matrix Spike (W2H0424-MS1) Source: 2H03123-02 Prepared & Analyzed: 08/04/22										
MBAS	0.219	0.050	mg/l	0.200	0.0424	88	74-123			
Matrix Spike (W2H0424-MS2) Source: 2H03123-01 Prepared & Analyzed: 08/04/22										
MBAS	0.409	0.050	mg/l	0.200	0.170	120	74-123			
Matrix Spike Dup (W2H0424-MSD1) Source: 2H03123-02 Prepared & Analyzed: 08/04/22										
MBAS	0.234	0.050	mg/l	0.200	0.0424	96	74-123	7	20	
Matrix Spike Dup (W2H0424-MSD2) Source: 2H03123-01 Prepared & Analyzed: 08/04/22										
MBAS	0.393	0.050	mg/l	0.200	0.170	111	74-123	4	20	
Batch: W2H0494 - SM 2320B										
Blank (W2H0494-BLK1) Prepared & Analyzed: 08/04/22										
Alkalinity as CaCO3	ND	5.0	mg/l							
Bicarbonate Alkalinity as HCO3	ND	6.1	mg/l							
Carbonate Alkalinity as CaCO3	ND	5.0	mg/l							
Hydroxide Alkalinity as CaCO3	ND	5.0	mg/l							
LCS (W2H0494-BS1) Prepared & Analyzed: 08/04/22										
Alkalinity as CaCO3	245	5.0	mg/l	250		98	94-108			
Bicarbonate Alkalinity as HCO3	299	6.1	mg/l	305		98	95-108			
Duplicate (W2H0494-DUP1) Source: 2H04014-04 Prepared & Analyzed: 08/04/22										
Alkalinity as CaCO3	178	5.0	mg/l		179			0.6	15	
Bicarbonate Alkalinity as HCO3	217	6.1	mg/l		218			0.6	15	
Carbonate Alkalinity as CaCO3	ND	5.0	mg/l		ND				200	
Hydroxide Alkalinity as CaCO3	ND	5.0	mg/l		ND				200	
Batch: W2H0499 - EPA 353.2										
Blank (W2H0499-BLK1) Prepared & Analyzed: 08/04/22										
Nitrate as N	ND	0.20	mg/l							
Nitrite as N	ND	100	ug/l							
NO2+NO3 as N	ND	200	ug/l							
LCS (W2H0499-BS1) Prepared & Analyzed: 08/04/22										
Nitrate as N	0.918	0.20	mg/l	1.00		92	90-110			
Nitrite as N	1020	100	ug/l	1000		102	90-110			
NO2+NO3 as N	918	200	ug/l	1000		92	90-110			
Matrix Spike (W2H0499-MS1) Source: 2H03099-03 Prepared & Analyzed: 08/04/22										
Nitrate as N	11.1	0.20	mg/l	2.00	9.00	105	90-110			

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Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W2H0499 - EPA 353.2 (Continued)										
Matrix Spike (W2H0499-MS1)				Source: 2H03099-03			Prepared & Analyzed: 08/04/22			
Nitrite as N	1020	100	ug/l	1000	ND	102	90-110			
NO2+NO3 as N	11100	200	ug/l	2000	9000	105	90-110			
Matrix Spike (W2H0499-MS2)				Source: 2H03099-03			Prepared & Analyzed: 08/04/22			
Nitrate as N	16.5	0.80	mg/l	8.00	9.00	94	90-110			
NO2+NO3 as N	16500	800	ug/l	8000	9000	94	90-110			
Matrix Spike Dup (W2H0499-MSD1)				Source: 2H03099-03			Prepared & Analyzed: 08/04/22			
Nitrate as N	11.1	0.20	mg/l	2.00	9.00	105	90-110	0	20	
Nitrite as N	1040	100	ug/l	1000	ND	104	90-110	2	20	
NO2+NO3 as N	11100	200	ug/l	2000	9000	105	90-110	0	20	
Matrix Spike Dup (W2H0499-MSD2)				Source: 2H03099-03			Prepared & Analyzed: 08/04/22			
Nitrate as N	16.5	0.80	mg/l	8.00	9.00	94	90-110	0	20	
NO2+NO3 as N	16500	800	ug/l	8000	9000	94	90-110	0	20	
Batch: W2H0535 - SM 2510B										
Blank (W2H0535-BLK1)				Prepared & Analyzed: 08/05/22						
Specific Conductance (EC)	ND	2.0	umhos/cm							
LCS (W2H0535-BS1)				Prepared & Analyzed: 08/05/22						
Specific Conductance (EC)	430	2.0	umhos/cm	445		97	95-105			
LCS (W2H0535-BS2)				Prepared & Analyzed: 08/05/22						
Specific Conductance (EC)	2.53	2.0	umhos/cm	2.00		126	50-150			
Duplicate (W2H0535-DUP1)				Source: 2H04117-02			Prepared & Analyzed: 08/05/22			
Specific Conductance (EC)	1630	6.0	umhos/cm		1610			1	5	
Batch: W2H0554 - SM 2510B										
Blank (W2H0554-BLK1)				Prepared: 08/10/22 Analyzed: 08/17/22						
Specific Conductance (EC)	66.8	2.0	umhos/cm							B-06
LCS (W2H0554-BS1)				Prepared: 08/10/22 Analyzed: 08/17/22						
Specific Conductance (EC)	25300	2.0	umhos/cm	25000		101	95-105			
Duplicate (W2H0554-DUP1)				Source: 2H16088-01			Prepared: 08/10/22 Analyzed: 08/17/22			
Specific Conductance (EC)	43800	2.0	umhos/cm		44000			0.4	5	
Batch: W2H0579 - EPA 335.4										
Blank (W2H0579-BLK1)				Prepared & Analyzed: 08/06/22						
Cyanide, Total	ND	5.0	ug/l							
LCS (W2H0579-BS1)				Prepared & Analyzed: 08/06/22						
Cyanide, Total	98.8	5.0	ug/l	100		99	90-110			
LCS (W2H0579-BS2)				Prepared & Analyzed: 08/06/22						
Cyanide, Total	5.65	5.0	ug/l	5.00		113	50-150			
Matrix Spike (W2H0579-MS1)				Source: 2H03007-04			Prepared & Analyzed: 08/06/22			
Cyanide, Total	192	5.0	ug/l	200	ND	96	90-110			

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Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W2H0579 - EPA 335.4 (Continued)										
Matrix Spike Dup (W2H0579-MSD1) Source: 2H03007-04 Prepared & Analyzed: 08/06/22										
Cyanide, Total	191	5.0	ug/l	200	ND	96	90-110	0.5	20	
Batch: W2H0733 - SM 2540C										
Blank (W2H0733-BLK1) Prepared & Analyzed: 08/09/22										
Total Dissolved Solids	ND	10	mg/l							
LCS (W2H0733-BS1) Prepared & Analyzed: 08/09/22										
Total Dissolved Solids	809	10	mg/l	824		98	96-102			
Duplicate (W2H0733-DUP1) Source: 2H03117-03 Prepared & Analyzed: 08/09/22										
Total Dissolved Solids	5010	10	mg/l	4920				2	10	
Duplicate (W2H0733-DUP2) Source: 2H03123-02 Prepared & Analyzed: 08/09/22										
Total Dissolved Solids	2860	10	mg/l	2840				0.8	10	
Batch: W2H0754 - EPA 335.4										
Blank (W2H0754-BLK1) Prepared: 08/09/22 Analyzed: 08/10/22										
Cyanide, Total	ND	5.0	ug/l							
LCS (W2H0754-BS1) Prepared: 08/09/22 Analyzed: 08/10/22										
Cyanide, Total	103	5.0	ug/l	100		103	90-110			
Matrix Spike (W2H0754-MS1) Source: 2H04020-01 Prepared: 08/09/22 Analyzed: 08/10/22										
Cyanide, Total	193	5.0	ug/l	200	ND	96	90-110			
Matrix Spike Dup (W2H0754-MSD1) Source: 2H04020-01 Prepared: 08/09/22 Analyzed: 08/10/22										
Cyanide, Total	187	5.0	ug/l	200	ND	94	90-110	3	20	
Batch: W2H0840 - EPA 335.4										
Blank (W2H0840-BLK1) Prepared: 08/10/22 Analyzed: 08/13/22										
Cyanide, Total	ND	5.0	ug/l							
LCS (W2H0840-BS1) Prepared: 08/10/22 Analyzed: 08/13/22										
Cyanide, Total	97.6	5.0	ug/l	100		98	90-110			
Matrix Spike (W2H0840-MS1) Source: 2H03106-01 Prepared: 08/10/22 Analyzed: 08/13/22										
Cyanide, Total	221	5.0	ug/l	200	38.0	92	90-110			
Matrix Spike Dup (W2H0840-MSD1) Source: 2H03106-01 Prepared: 08/10/22 Analyzed: 08/13/22										
Cyanide, Total	180	5.0	ug/l	200	38.0	71	90-110	20	20	MS-01
Batch: W2H0847 - SM 2540C										
Blank (W2H0847-BLK1) Prepared & Analyzed: 08/10/22										
Total Dissolved Solids	ND	10	mg/l							
LCS (W2H0847-BS1) Prepared & Analyzed: 08/10/22										
Total Dissolved Solids	834	10	mg/l	824		101	96-102			
Duplicate (W2H0847-DUP1) Source: 2H03123-01 Prepared & Analyzed: 08/10/22										
Total Dissolved Solids	2670	10	mg/l	2570				4	10	
Duplicate (W2H0847-DUP2) Source: 2H04119-02 Prepared & Analyzed: 08/10/22										
Total Dissolved Solids	4880	10	mg/l	4650				5	10	

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Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W2H1002 - EPA 351.2										
Blank (W2H1002-BLK1)										
TKN	ND	0.10	mg/l							
				Prepared: 08/11/22 Analyzed: 08/15/22						
Blank (W2H1002-BLK2)										
TKN	ND	0.10	mg/l							
				Prepared: 08/11/22 Analyzed: 08/15/22						
LCS (W2H1002-BS1)										
TKN	1.02	0.10	mg/l	1.00	102	90-110				
				Prepared: 08/11/22 Analyzed: 08/15/22						
LCS (W2H1002-BS2)										
TKN	1.02	0.10	mg/l	1.00	102	90-110				
				Prepared: 08/11/22 Analyzed: 08/15/22						
Matrix Spike (W2H1002-MS1)										
TKN	1.29	0.10	mg/l	1.00	0.222	107	90-110			
				Prepared: 08/11/22 Analyzed: 08/15/22						
Matrix Spike (W2H1002-MS2)										
TKN	1.24	0.10	mg/l	1.00	0.225	102	90-110			
				Prepared: 08/11/22 Analyzed: 08/15/22						
Matrix Spike Dup (W2H1002-MSD1)										
TKN	1.28	0.10	mg/l	1.00	0.222	106	90-110	0.9	10	
				Prepared: 08/11/22 Analyzed: 08/15/22						
Matrix Spike Dup (W2H1002-MSD2)										
TKN	1.28	0.10	mg/l	1.00	0.225	105	90-110	3	10	

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Quality Control Results

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Metals by EPA 200 Series Methods

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W2H0542 - EPA 245.1										
Blank (W2H0542-BLK1)				Prepared: 08/05/22 Analyzed: 08/06/22						
Mercury, Total	ND	0.050	ug/l							
LCS (W2H0542-BS1)				Prepared: 08/05/22 Analyzed: 08/06/22						
Mercury, Total	1.02	0.050	ug/l	1.00		102	85-115			
Matrix Spike (W2H0542-MS1)				Source: 2G28112-01 Prepared: 08/05/22 Analyzed: 08/06/22						
Mercury, Total	0.992	0.050	ug/l	1.00	0.123	87	70-130			
Matrix Spike (W2H0542-MS2)				Source: 2H04117-03 Prepared: 08/05/22 Analyzed: 08/06/22						
Mercury, Total	0.966	0.050	ug/l	1.00	ND	97	70-130			
Matrix Spike Dup (W2H0542-MSD1)				Source: 2G28112-01 Prepared: 08/05/22 Analyzed: 08/06/22						
Mercury, Total	1.02	0.050	ug/l	1.00	0.123	89	70-130	2	20	
Matrix Spike Dup (W2H0542-MSD2)				Source: 2H04117-03 Prepared: 08/05/22 Analyzed: 08/06/22						
Mercury, Total	0.971	0.050	ug/l	1.00	ND	97	70-130	0.5	20	
Batch: W2H0629 - EPA 200.7										
Blank (W2H0629-BLK1)				Prepared: 08/08/22 Analyzed: 08/09/22						
Boron, Total	ND	10	ug/l							
Calcium, Total	ND	0.500	mg/l							
Iron, Total	ND	0.030	mg/l							
Magnesium, Total	ND	0.500	mg/l							
Potassium, Total	ND	0.50	mg/l							
Sodium, Total	ND	1.0	mg/l							
LCS (W2H0629-BS1)				Prepared: 08/08/22 Analyzed: 08/09/22						
Boron, Total	198	10	ug/l	200		99	85-115			
Calcium, Total	50.9	0.500	mg/l	50.2		101	85-115			
Iron, Total	0.200	0.030	mg/l	0.200		100	85-115			
Magnesium, Total	49.2	0.500	mg/l	50.2		98	85-115			
Potassium, Total	57.6	0.50	mg/l	52.0		111	85-115			
Sodium, Total	49.6	1.0	mg/l	50.2		99	85-115			
Matrix Spike (W2H0629-MS1)				Source: 2H04058-01 Prepared: 08/08/22 Analyzed: 08/09/22						
Boron, Total	357	10	ug/l	200	153	102	70-130			
Calcium, Total	107	0.500	mg/l	50.2	57.9	99	70-130			
Iron, Total	0.258	0.030	mg/l	0.200	0.0556	101	70-130			
Magnesium, Total	52.1	0.500	mg/l	50.2	2.51	99	70-130			
Potassium, Total	611	0.50	mg/l	52.0	561	96	70-130			
Sodium, Total	508	1.0	mg/l	50.2	465	86	70-130			
Matrix Spike Dup (W2H0629-MSD1)				Source: 2H04058-01 Prepared: 08/08/22 Analyzed: 08/09/22						
Boron, Total	358	10	ug/l	200	153	102	70-130	0.3	30	
Calcium, Total	107	0.500	mg/l	50.2	57.9	99	70-130	0.009	30	
Iron, Total	0.357	0.030	mg/l	0.200	0.0556	150	70-130	32	30	MS-02
Magnesium, Total	51.5	0.500	mg/l	50.2	2.51	98	70-130	1	30	

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Metals by EPA 200 Series Methods (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W2H0629 - EPA 200.7 (Continued)										
Matrix Spike Dup (W2H0629-MSD1)			Source: 2H04058-01			Prepared: 08/08/22 Analyzed: 08/09/22				
Potassium, Total	616	0.50	mg/l	52.0	561	106	70-130	0.9	30	
Sodium, Total	515	1.0	mg/l	50.2	465	98	70-130	1	30	
Batch: W2H0631 - EPA 200.8										
Blank (W2H0631-BLK1)			Prepared: 08/08/22 Analyzed: 08/09/22							
Aluminum, Total	ND	20	ug/l							
Antimony, Total	ND	0.50	ug/l							
Arsenic, Total	ND	0.40	ug/l							
Barium, Total	ND	1.0	ug/l							
Beryllium, Total	ND	0.10	ug/l							
Cadmium, Total	ND	0.20	ug/l							
Chromium, Total	ND	0.20	ug/l							
Cobalt, Total	ND	0.10	ug/l							
Copper, Total	ND	0.50	ug/l							
Lead, Total	ND	0.20	ug/l							
Manganese, Total	ND	1.0	ug/l							
Molybdenum, Total	ND	0.10	ug/l							
Nickel, Total	ND	2.0	ug/l							
Selenium, Total	ND	0.40	ug/l							
Silver, Total	ND	0.20	ug/l							
Strontium, Total	ND	0.20	ug/l							
Thallium, Total	ND	0.20	ug/l							
Vanadium, Total	ND	0.50	ug/l							
Zinc, Total	ND	10	ug/l							
LCS (W2H0631-BS1)										
Prepared: 08/08/22 Analyzed: 08/09/22										
Aluminum, Total	50.4	20	ug/l	50.0		101	85-115			
Antimony, Total	51.9	0.50	ug/l	50.0		104	85-115			
Arsenic, Total	51.0	0.40	ug/l	50.0		102	85-115			
Barium, Total	49.7	1.0	ug/l	50.0		99	85-115			
Beryllium, Total	49.3	0.10	ug/l	50.0		98	85-115			
Cadmium, Total	49.9	0.20	ug/l	50.0		100	85-115			
Chromium, Total	50.4	0.20	ug/l	50.0		101	85-115			
Cobalt, Total	50.5	0.10	ug/l	50.0		101	85-115			
Copper, Total	50.4	0.50	ug/l	50.0		101	85-115			
Lead, Total	49.2	0.20	ug/l	50.0		98	85-115			
Manganese, Total	50.4	1.0	ug/l	50.0		101	85-115			
Molybdenum, Total	49.1	0.10	ug/l	50.0		98	85-115			
Nickel, Total	50.0	2.0	ug/l	50.0		100	85-115			
Selenium, Total	49.7	0.40	ug/l	50.0		99	85-115			
Silver, Total	49.5	0.20	ug/l	50.0		99	85-115			

CA Department of Water Resources
1450 Riverbank Road
West Sacramento, CA 95605

Project Number: Mound Basin Monitoring Well Installation

Reported:
08/22/2022 15:16

Project Manager: Sid Fong

Quality Control Results

(Continued)

Metals by EPA 200 Series Methods (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W2H0631 - EPA 200.8 (Continued)										
LCS (W2H0631-BS1)										
				Prepared: 08/08/22 Analyzed: 08/09/22						
Strontium, Total	49.5	0.20	ug/l	50.0		99	85-115			
Thallium, Total	49.2	0.20	ug/l	50.0		98	85-115			
Vanadium, Total	48.8	0.50	ug/l	50.0		98	85-115			
Zinc, Total	51.2	10	ug/l	50.0		102	85-115			
Matrix Spike (W2H0631-MS1)										
				Source: 2H04117-01 Prepared: 08/08/22 Analyzed: 08/09/22						
Aluminum, Total	583	20	ug/l	50.0	470	227	70-130			MS-02
Antimony, Total	51.7	0.50	ug/l	50.0	0.219	103	70-130			
Arsenic, Total	63.7	0.40	ug/l	50.0	13.7	100	70-130			
Barium, Total	78.7	1.0	ug/l	50.0	29.6	98	70-130			
Beryllium, Total	49.6	0.10	ug/l	50.0	ND	99	70-130			
Cadmium, Total	46.8	0.20	ug/l	50.0	ND	94	70-130			
Chromium, Total	48.8	0.20	ug/l	50.0	0.965	96	70-130			
Cobalt, Total	48.1	0.10	ug/l	50.0	0.685	95	70-130			
Copper, Total	46.2	0.50	ug/l	50.0	0.585	91	70-130			
Lead, Total	49.2	0.20	ug/l	50.0	0.324	98	70-130			
Manganese, Total	1350	5.0	ug/l	50.0	1330	54	70-130			MS-02
Molybdenum, Total	83.9	0.10	ug/l	50.0	34.7	98	70-130			
Nickel, Total	48.8	2.0	ug/l	50.0	2.75	92	70-130			
Selenium, Total	48.8	0.40	ug/l	50.0	0.226	97	70-130			
Silver, Total	46.2	0.20	ug/l	50.0	ND	92	70-130			
Strontium, Total	3440	1.0	ug/l	50.0	3360	162	70-130			MS-02
Thallium, Total	49.3	0.20	ug/l	50.0	ND	98	70-130			
Vanadium, Total	50.0	0.50	ug/l	50.0	1.47	97	70-130			
Zinc, Total	49.1	10	ug/l	50.0	4.18	90	70-130			
Matrix Spike Dup (W2H0631-MSD1)										
				Source: 2H04117-01 Prepared: 08/08/22 Analyzed: 08/09/22						
Aluminum, Total	596	20	ug/l	50.0	470	254	70-130	2	30	MS-02
Antimony, Total	51.2	0.50	ug/l	50.0	0.219	102	70-130	1	30	
Arsenic, Total	62.7	0.40	ug/l	50.0	13.7	98	70-130	1	30	
Barium, Total	78.8	1.0	ug/l	50.0	29.6	98	70-130	0.1	30	
Beryllium, Total	49.7	0.10	ug/l	50.0	ND	99	70-130	0.1	30	
Cadmium, Total	46.6	0.20	ug/l	50.0	ND	93	70-130	0.4	30	
Chromium, Total	48.8	0.20	ug/l	50.0	0.965	96	70-130	0.08	30	
Cobalt, Total	48.3	0.10	ug/l	50.0	0.685	95	70-130	0.4	30	
Copper, Total	46.8	0.50	ug/l	50.0	0.585	92	70-130	1	30	
Lead, Total	49.1	0.20	ug/l	50.0	0.324	97	70-130	0.1	30	
Manganese, Total	1370	5.0	ug/l	50.0	1330	92	70-130	1	30	
Molybdenum, Total	84.4	0.10	ug/l	50.0	34.7	99	70-130	0.9	30	
Nickel, Total	48.6	2.0	ug/l	50.0	2.75	92	70-130	0.4	30	
Selenium, Total	48.1	0.40	ug/l	50.0	0.226	96	70-130	2	30	

CA Department of Water Resources
 1450 Riverbank Road
 West Sacramento, CA 95605

Project Number: Mound Basin Monitoring Well Installation

Reported:
 08/22/2022 15:16

Project Manager: Sid Fong

Quality Control Results

(Continued)

Metals by EPA 200 Series Methods (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W2H0631 - EPA 200.8 (Continued)										
Matrix Spike Dup (W2H0631-MSD1)			Source: 2H04117-01			Prepared: 08/08/22 Analyzed: 08/09/22				
Silver, Total	46.0	0.20	ug/l	50.0	ND	92	70-130	0.4	30	
Strontium, Total	3380	1.0	ug/l	50.0	3360	39	70-130	2	30	MS-02
Thallium, Total	48.6	0.20	ug/l	50.0	ND	97	70-130	1	30	
Vanadium, Total	50.8	0.50	ug/l	50.0	1.47	99	70-130	2	30	
Zinc, Total	48.8	10	ug/l	50.0	4.18	89	70-130	0.6	30	

CA Department of Water Resources
 1450 Riverbank Road
 West Sacramento, CA 95605

Project Number: Mound Basin Monitoring Well Installation

Reported:
 08/22/2022 15:16

Project Manager: Sid Fong

Notes and Definitions

Item	Definition
B-06	This analyte was found in the method blank, which was possibly contaminated during sample preparation. The batch was accepted since this analyte was either not detected or more than 10 times of the blank value for all the samples in the batch.
FILT	The sample was filtered prior to analysis.
MS-01	The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference.
MS-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
MS-05	The spike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
O-15	The sample was received with the recommended holding time nearly expired. It was analyzed as soon as possible but the maximum holding time was slightly exceeded.
%REC	Percent Recovery
Dil	Dilution
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ)
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.



MoundBasin

GROUNDWATER SUSTAINABILITY AGENCY

Motion Item No. 9(a)

DATE: June 26, 2023
TO: Board of Directors
FROM: Executive Director
SUBJECT: Member Director Appointment Process and Board Appointment County of Ventura Representative Arne Anselm

SUMMARY

The Mound Basin Groundwater Sustainability Agency (MBGSA) Joint Powers of Authority Agreement (JPA Agreement), Article 6.4, states that each Member Director shall be appointed by resolution of that Member's governing body to serve for a term of two (2) years. To stagger the terms of the Member Directors, the initial terms of the Member Directors from the City of San Buenaventura (City) and the United Water Conservation District (United) were three years. Thereafter, the terms for those Directors are two years. While the JPA Agreement does not expressly provide a commencement date for the initial two- and three-year terms of the Member Directors, MBGSA counsel has previously advised that the start and end dates of the terms are set by the effective date of the JPA Agreement, not when a member agency makes its appointment. The effective date of the JPA Agreement was June 14, 2017, which was the last date the last member agency executed the Agreement.

On May 24, 2022, the Ventura County Board of Supervisors adopted Resolution No. 22-074, appointing the Public Works Director or their designee as a director on the MBGSA Board (Attachment A). On June 1, 2022, the Public Works Director designated Arne Anselm to serve on the MBGSA Board (Attachment B). On June 16, 2022, the MBGSA Board accepted Director Anselm's appointment for the balance of the County Member Director term ending June 14, 2023.

Staff requested a new appointment for the County Member Director seat on the MBGSA Board for the June 14, 2023 – June 14, 2025, term. In response, Director Anselm advised staff that the County's view is that he was appointed for a two-year term; June 2022 through June 2024. Staff responded with its understanding that each term of office is two years, with the terms determined by the effective date of the JPA Agreement. Staff also noted that neither Resolution No. 22-074 nor the County Public Works Director's appointment letter identified a term or provided an end date for the appointment. Staff asked if it was the County of Ventura's intention to appoint Director Anselm until further notice, regardless of terms. A response has not been received. Nonetheless, it seems reasonable to assume that the intent was for Director Anselm to continue serving on the MBGSA Board.

Mismatches between Member Agency appointments and the terms established pursuant to the JPA Agreement have been a recurring issue that staff recommends be addressed. Staff recommends that the Member Directors work with their respective agencies to (1) clarify that

the timing of terms are set by the JPA Agreement, not when the Member Agency makes its appointments, and (2) ensure that future appointments are made for each specific two-year term according to the term timing established by the JPA Agreement. Determining the terms according to the effective date of the JPA Agreement is easier for staff to administer rather than track separate term ending dates for each Member Director, which are also inconsistent with the JPA Agreement. Also, there would have been no need to stagger the terms (by setting the initial terms for the City and United at three years) if the terms were to be reset the first time a vacancy was filled—that itself would stagger the terms. Staff would be happy to assist in this process, if desired. For reference, Table 1 on the following page summarizes the Member Director terms.

**Table 1
Member Director Terms**

Agency	Term
City of San Buenaventura	Two-year period starting and ending in even years on June 13
County of Ventura	Two-year period starting and ending in odd years on June 13
United Water Conservation District	Two-year period starting and ending in even years on June 13

RECOMMENDED ACTIONS

1. Direct the Member Directors to work with their agencies to ensure that appointments are made consistent with the MBGSA Joint Powers of Authority Agreement.
2. Acknowledge Director Arne Anselm’s continued service as the County’s Member Director through June 13, 2025, or until changed by Ventura County.

BACKGROUND

Joint Powers of Authority Agreement, Article 6.4 states that each Member Director shall be appointed by resolution of that Member's governing body to serve for a term of two (2) years.

FISCAL SUMMARY

N/A

ATTACHMENTS

- A. Ventura County Board of Supervisors Resolution 22-074
- B. Letter from J. Pratt to M. Mobley dated June 1, 2022.

Action: _____
Motion: _____ 2 nd : _____
A.Anselm: ____ J.Chambers: ____ B.Cooper: ____ C.Everts: ____ C.Keeling: ____

RESOLUTION NO. 22-074

**RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF VENTURA
APPOINTING THE PUBLIC WORKS AGENCY DIRECTOR OR THEIR
REPRESENTATIVE TO THE BOARD OF DIRECTORS OF THE MOUND BASIN
GROUNDWATER SUSTAINABILITY AGENCY**

WHEREAS, the United Water Conservation District, the City of San Buenaventura, and the County of Ventura ("Member Agencies") entered into a joint exercise of powers agreement ("JPA Agreement") creating the Mound Basin Groundwater Sustainability Agency ("Mound"); and

WHEREAS, the JPA Agreement requires the governing board of each Member Agency to appoint a Director to the Mound Board of Directors ("Mound Board") by resolution;

THEREFORE, BE IT RESOLVED by the Board of Supervisors of the County of Ventura, as follows:

1. The Board of Supervisors hereby appoints the Public Works Agency Director or their representative as Director to the Mound Board.
2. The Board of Supervisors hereby confirms that the Director appointed pursuant to this resolution is authorized to represent the County's interests with respect to all matters that come before the Mound Board.

Upon motion of Supervisor Parks, seconded by Supervisor Lavere, and duly carried, the Board hereby approves and adopts this resolution on the 24th day of May, 2022.

Carmen Ramirez
Chair, Board of Supervisors
County of Ventura

ATTEST:
SEVET JOHNSON
Interim Clerk of the Board of Supervisors
County of Ventura, State of California.

By: Gow Key
Deputy Clerk of the Board





COUNTY of VENTURA

Jeff Pratt
Agency Director

David Fleisch
Assistant Director

Central Services: **Joan Araujo**, Director Engineering Services: **Christopher Cooper**, Director Roads & Transportation: **Christopher Kurgan**, Director Water & Sanitation: **Joseph Pope**, Director Watershed Protection: **Glenn Shephard**, Director

June 1, 2022

Michael Mobley, Chair
Mound Basin Groundwater Sustainability Agency (MBGSA)
P.O. Box 3544
Ventura, CA 93006-3544

Subject: **Resolution No. 22-074 of the Board of Supervisors appointing the Public Works Agency Director or their representative as Director to the Mound Basin Groundwater Sustainability Agency**

Dear Mr. Mobley:

On May 24, 2022, the County of Ventura Board of Supervisors approved Resolution 22-074 granting the Public Works Agency Director authority to appoint a Director to the MBGSA. Thus, on June 1, 2022, I appointed Arne Anselm as Ventura County's representative to the Board of Directors of the Mound Basin Groundwater Sustainability Agency.

Attached is signed Resolution No. 22-074 authorizing the Public Works Agency Director or their representative to the Board of Directors of the Mound Basin Groundwater Sustainability Agency, and a memorandum to the Clerk of the Board confirming the appointment of Arne Anselm to the Mound Basin Board of Directors.

Please contact Mr. Anselm at (805) 654-3942 or arne.anselm@ventura.org for questions.

Sincerely,

Jeff Pratt, P.E.
Director

Enclosures:

- 1) Resolution No. 22-074
- 2) June 1, 2022 Memo to Clerk of Board of Supervisors





Motion Item No. 9(b)

DATE: June 26, 2023

TO: Board of Directors

FROM: Executive Director

SUBJECT: Review of Past Due Extraction Fees and Waiver of Penalties and Interest

SUMMARY

Currently, all historical extraction fees billed to pumpers have been paid. However, some payments were late. Although staff have periodically sent statements, some late penalties and interest remain unpaid. The most recent statements were sent March 3, 2023. The unpaid penalties and interest are presented in Table 1 below.

Table 1.

**Summary of Penalties and Interest
(Color-coded by Semi-Annual Period)**

Pumper #	Semi-Annual Period	Penalty + Interest	Comments
20 - A	2020-1	\$ 4.98	Pumper 20 was new in the 2020-1 period. First 3 payments were late; on time since.
20 - A	2020-2	\$ 18.96	Pumper 20 was new in the 2020-1 period. First 3 payments were late; on time since.
9 - A	2020-2	\$ 1.66	Pumper 9 has only paid late once.
9 - B	2020-2	\$ 584.62	
20 - A	2021-1	\$ 49.89	Pumper 20 was new in the 2020-1 period. First 3 payments were late; on time since.
5 - A	2022-1	\$ 652.96	Pumper 5 has paid late twice, although MBGSA mailing issue is suspected for the 2022-2 batch (see below).
11 - A	2022-1	\$ 574.43	Pumper 11 has only paid late once.
5 - A	2022-2	\$ 1,676.22	Pumpers 12 and 15 reported that invoices were not received. MBGSA mailing issue suspected for the 2022-2 batch.
12 - A	2022-2	\$ 280.30	
15 - A	2022-2	\$ 4,591.22	
15 - B	2022-2	\$ 6,130.91	
	Total:	\$ 14,566.15	

The bulk (87%) of the outstanding penalties and interest are from the 2022-2 billing period. Pumpers 12 and 15 reported that the 2022-2 invoices were not received, and they are requesting a waiver of late fees and interest. These pumpers have historically paid invoices on time. It appears that there may have been a MBGSA mailing issue for the 2022-2 batch that affected multiple pumpers. For this reason, it is recommended that the penalties and interest for all 2022-2 pumpers be waived.

In addition, it is recommended that the penalties and interest for all pumpers for the other billing periods shown in Table 1 be waived due to the relatively small amounts, as the cost of recovering the penalties and interests would likely exceed the revenue generated.

RECOMMENDED ACTION

Receive a summary and consider waiving penalties and interest for late extraction fee payments.

BACKGROUND

Fee enforcement for groundwater sustainability agencies is set forth in Water Code, §10730.6, which is incorporated into Article 10 of the MBGSA Bylaws. Key provisions include the following:

- Payments Terms: Payment of extraction fees is required within thirty days.
- Penalty and Interest: Late payments are subject to a ten percent penalty and interest at the rate of one percent per month on the delinquent amount of the fee. By an affirmative vote of three Directors, MBGSA may, in its sole discretion, waive any interest payments, penalties, or overdue fees.

FISCAL SUMMARY

The waiver of penalties and interest will result in the Agency receiving less revenue. However, because penalties and interest are not budgeted there would be no impact on the approved budget. Waiving the penalties and interest would not materially affect the Agency’s financial position.

ATTACHMENT

None.

Action: _____ Motion: _____ 2 nd : _____ A.Anselm: _____ J.Chambers: _____ B.Cooper: _____ C.Everts: _____ C.Keeling: _____
--



Motion Item No. 9(c)

DATE: June 26, 2023

TO: Board of Directors

FROM: Clerk of the Board

SUBJECT: Adjusting the Starting Time for the Remainder of the 2023 Mound Basin GSA Board of Directors Regular Meetings

SUMMARY

Based on unanimous feedback received from the Agency’s Board of Directors, it is proposed that the regular meeting start time be adjusted from 3:00 p.m. to 1:00 p.m. Meeting dates would not change from the approved fourth Monday of each month.

RECOMMENDED ACTION

Board approval of the new regular meeting time of 1:00 p.m. for the remainder of the 2023 Mound Basin GSA Board of Directors meetings.

BACKGROUND

There are two members Directors who travel long distances to attend the Board of Directors meetings in person; meeting later in the day made the commuting more difficult; one member Director had an overlapping meeting which made it challenging to participate in both; and overall, adjourning at a reasonable time meant on-site staff would not have to monitor the facility after hours should an Agency meeting run longer than expected.

FISCAL IMPACT

None.

ATTACHMENT(S)

None.

<p>Action: _____</p> <p>Motion: _____ 2nd: _____</p> <p>A.Anselm: _____ J.Chambers: _____ B.Cooper: _____ C.Everts: _____ C.Keeling: _____</p>



Motion Item No. 9(d)

DATE: June 26, 2023
TO: Board of Directors
FROM: Finance Staff
SUBJECT: Fiscal Year 2021-22 and FY 2022-23 Biennial Audit

SUMMARY

In May 2019, the Board approved a contract with Rogers, Anderson, Malody & Scott (RAMS) to perform an audit of Fiscal Years 2017-2018 and 2018-2019. The Master Services Agreement with RAMS issued in August 2019 included a provision for renewal of the contract for another two-year audit period.

The new total authorization for completing the biennial audit and filing of the State Controller’s reports would have a not-to-exceed cost of \$10,120. Performing a biennial audit will result in a savings in administrative costs over the two-year period compared to performing an annual audit.

RECOMMENDED ACTION

It is recommended that the Board consider approving a new contract amount not to exceed \$10,120.

It is also recommended that the Board authorize the Executive Director to sign an engagement letter with Rogers, Anderson, Malody & Scott (RAMS) to audit Fiscal Years 2021-2022 and FY 2022-2023 and to prepare the associated State Controller’s Reports.

BACKGROUND

RAMS was previously selected through a competitive process.

FISCAL SUMMARY

The total cost for the FY 2021-2022 and FY 2022-2023 biennial audit and preparation of the State Controller’s Report is not to exceed \$10,120. Audit expenses will be included in the FY 2023-2024 budget.

ATTACHMENT

A. RAMS Engagement Letter

Action: _____
Motion: _____ 2 nd : _____
A.Anselm: _____ J.Chambers: _____ B.Cooper: _____ C.Everts: _____ C.Keeling: _____



ROGERS, ANDERSON, MALODY & SCOTT, LLP
CERTIFIED PUBLIC ACCOUNTANTS, SINCE 1948

April 5, 2023

735 E. Carnegie Dr. Suite 100
San Bernardino, CA 92408
909 889 0871 T
909 889 5361 F
ramsca.net

To the Board of Directors
Mound Basin Groundwater Sustainability Agency
Ventura, California

PARTNERS

Terry P. Shea, CPA
Scott W. Manno, CPA, CGMA
Leena Shanbhag, CPA, MST, CGMA
Bradferd A. Welebir, CPA, MBA, CGMA
Jenny W. Liu, CPA, MST
Gardenya Duran, CPA, CGMA
Brianna Schultz, CPA, CGMA
Brenda L. Odle, CPA, MST (Partner Emeritus)

The following represents our understanding of the services we will provide the Mound Basin Groundwater Sustainability Agency.

You have requested that we audit the financial statements of the Mound Basin Groundwater Sustainability Agency (the Agency), as of June 30, 2023, and for the two years ending June 30, 2023 and June 30, 2022, and the related notes, which collectively comprise the Agency’s basic financial statements as listed in the table of contents. We are pleased to confirm our acceptance and our understanding of this audit engagement by means of this letter.

MANAGERS / STAFF

Seong-Hyea Lee, CPA, MBA
Evelyn Morentin-Barcena, CPA
Veronica Hernandez, CPA
Laura Arvizu, CPA
Xinlu Zoe Zhang, CPA, MSA
John Maldonado, CPA, MSA
Julia Rodriguez Fuentes, CPA, MSA
Demi Hite, CPA
Jeffrey McKennan, CPA

The objectives of our audit are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor’s report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with auditing standards generally accepted in the United States of America (GAAS), *Government Auditing Standards*, issued by the Comptroller General of the United States of America, and the State Controller’s *Minimum Audit Requirements for California Special Districts* will always detect a material misstatement when it exists. Misstatements, including omissions, can arise from fraud or error and are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

MEMBERS

American Institute of
Certified Public Accountants

*PCPS The AICPA Alliance
for CPA Firms*

*Governmental Audit
Quality Center*

California Society of
Certified Public Accountants

Accounting principles generally accepted in the United States of America (U.S. GAAP), as promulgated by the Governmental Accounting Standards Board (GASB) require that supplementary information, such as management’s discussion and analysis (MD&A) and budgetary comparison information be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the GASB, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. As part of our engagement, we will apply certain limited procedures to the required supplementary information (RSI) in accordance with auditing standards generally accepted in the United States of America, (U.S. GAAS). These limited procedures will consist primarily of inquiries of management regarding their methods of measurement and presentation, and comparing the information for consistency with management’s responses to our inquiries. We will not express an opinion or provide any form of assurance on the RSI. The following RSI is required by U.S. GAAP.



This RSI will be subjected to certain limited procedures but will not be audited:

1. Management's Discussion and Analysis (as applicable)

Auditor Responsibilities

We will conduct our audit in accordance with U.S. GAAS, and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States of America, and the State Controller's *Minimum Audit Requirements for California Special Districts*. As part of an audit in accordance with these standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. However, we will communicate to you in writing concerning any significant deficiencies or material weaknesses in internal control relevant to the audit of the financial statements that we have identified during the audit.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Conclude, based on the audit evidence obtained, whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Agency's ability to continue as a going concern for a reasonable period of time.

Because of the inherent limitations of an audit, together with the inherent limitations of internal control, an unavoidable risk that some material misstatements may not be detected exists, even though the audit is properly planned and performed in accordance with GAAS, *Government Auditing Standards*, and the State Controller's *Minimum Audit Requirements for California Special Districts*.

Our responsibility as auditors is limited to the period covered by our audit and does not extend to any other periods.

Compliance with Laws and Regulations

As previously discussed, as part of obtaining reasonable assurance about whether the basic financial statements are free of material misstatement, we will perform tests of the Agency's compliance with the provisions of applicable laws, regulations, contracts, and agreements. However, the objective of our audit will not be to provide an opinion on overall compliance, and we will not express such an opinion.

Management's Responsibilities

Our audit will be conducted on the basis that management acknowledge and understand that they have responsibility:

- For the preparation and fair presentation of the basic financial statements in accordance with accounting principles generally accepted in the United States of America;
- For the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of basic financial statements that are free from material misstatement, whether due to error, fraudulent financial reporting, misappropriation of assets, or violations of laws, governmental regulations, grant agreements, or contractual agreements;
- To provide us with:
 - Access to all information of which management is aware that is relevant to the preparation and fair presentation of the basic financial statements such as records, documentation, and other matters;
 - Additional information that we may request from management for the purpose of the audit;
 - Unrestricted access to persons within the entity from whom we determine it necessary to obtain audit evidence.
- For including the auditor's report in any document containing basic financial statements that indicates that such basic financial statements have been audited by us;
- For identifying and ensuring that the entity complies with the laws and regulations applicable to its activities;
- For adjusting the basic financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the current year period(s) under audit are immaterial, both individually and in the aggregate, to the basic financial statements as a whole; and
- For acceptance of nonattest services, including identifying the proper party to oversee nonattest work;
- For maintaining adequate records, selecting and applying accounting principles, and safeguarding assets;
- For informing us of any known or suspected fraud affecting the entity involving management, employees with significant role in internal control and others where fraud could have a material effect on the financials; and
- For the accuracy and completeness of all information provided.

With regard to the supplementary information referred to above, you acknowledge and understand your responsibility: (a) for the preparation of the supplementary information in accordance with the applicable criteria; (b) to provide us with the appropriate written representations regarding supplementary information; (c) to include our report on the supplementary information in any document that contains the supplementary information and that indicates that we have reported on such supplementary information; and (d) to present the supplementary information with the audited basic financial statements, or if the supplementary information will not be presented with the audited basic financial statements, to make the audited basic financial statements readily available to the intended users of the supplementary information no later than the date of issuance by you of the supplementary information and our report thereon.

As part of our audit process, we will request from management written confirmation concerning representations made to us in connection with the audit.

Nonattest Services

With respect to any nonattest services we perform, we agree to perform the following:

- To propose adjusting or correcting journal entries to be reviewed and approved by Agency management;
- To assist management with drafting the financial statements based on the Agency's trial balances; and
- Prepare the State Controller's Annual Financial Transactions Report.

We will not assume management responsibilities on behalf of the Agency. However, we will provide advice and recommendations to assist management of the Agency in performing its responsibilities.

The Agency's management is responsible for: (a) making all management decisions and performing all management functions; (b) assigning a competent individual to oversee the services; (c) evaluating the adequacy of the services performed; (d) evaluating and accepting responsibility for the results of the services performed; and (e) establishing and maintaining internal controls, including monitoring ongoing activities.

Our responsibilities and limitations of the nonattest services are as follows:

- We will perform the services in accordance with applicable professional standards and
- The nonattest services are limited to the services previously outlined. Our firm, in its sole professional judgment, reserves the right to refuse to do any procedure or take any action that could be construed as making management decisions or assuming management responsibilities, including determining account coding and approving journal entries.

Reporting

We will issue a written report upon completion of our audit of the Agency's basic financial statements. Our report will be addressed to the Board of Directors. Circumstances may arise in which our report may differ from its expected form and content based on the results of our audit. Depending on the nature of these circumstances, it may be necessary for us to modify our opinion, add an emphasis-of-matter or other-matter paragraph(s) to our auditor's report, or if necessary, withdraw from the engagement. If our opinion on the basic financial statements is other than unmodified, we will discuss the reasons with you in advance. If, for any reason, we are unable to complete the audit or are unable to form or have not formed an opinion, we may decline to express an opinion or to issue a report as a result of this engagement.

In accordance with the requirements of *Government Auditing Standards*, we will also issue a written report describing the scope of our testing over internal control over financial reporting and over compliance with laws, regulations, and provisions of grants and contracts, including the results of that testing. However, providing an opinion on internal control and compliance will not be an objective of the audit and, therefore, no such opinion will be expressed.

Other

We understand that your employees will prepare all confirmations we request and will locate any documents or support for any other transactions we select for testing.

If you intend to publish or otherwise reproduce the basic financial statements and make reference to our firm, you agree to provide us with printers' proofs or masters for our review and approval before printing. You also agree to provide us with a copy of the final reproduced material for our approval before it is distributed.

Regarding the electronic dissemination of audited financial statements, including financial statements published electronically on your internet website, you understand that electronic sites are a means to distribute information and, therefore, we are not required to read the information contained in these sites or to consider the consistency of other information in the electronic site with the original document.

Professional standards prohibit us from being the sole host and/or the sole storage for your financial and non-financial data. As such, it is your responsibility to maintain your original data and records and we cannot be responsible to maintain such original information. By signing this engagement letter, you affirm that you have all the data and records required to make your books and records complete.

If it is determined a Single Audit is needed subsequent to this engagement letter, we will provide the Agency with another engagement letter covering the terms and conditions related to a Single Audit and the Uniform Guidance.

Government Auditing Standards require that we document an assessment of the skills, knowledge, and experience of management, should we participate in any form of preparation of the basic financial statements and related schedules or disclosures as these actions are deemed a non-audit service.

Provisions of Engagement Administration, Timing and Fees

During the course of the engagement, we may communicate with you or your personnel via fax or e-mail, and you should be aware that communication in those mediums contains a risk of misdirected or intercepted communications.

Our firm may transmit confidential information that you provided us to third parties in order to facilitate delivering our services to you. We have obtained confidentiality agreements with all our service providers to maintain the confidentiality of your information and we will take reasonable precautions to determine that they have the appropriate procedures in place to prevent the unauthorized release of confidential information to others. We will remain responsible for the work provided by any third-party service providers used under this agreement. By your signature below, you consent to having confidential information transmitted to entities outside the firm. Please feel free to inquire if you would like additional information regarding the transmission of confidential information to entities outside the firm.

Scott Manno, CPA, CGMA is the engagement partner for the audit services specified in this letter. His responsibilities include supervising our firm's services performed as part of this engagement and signing or authorizing another qualified firm representative to sign the audit report.

Our fee for the audit will be between \$9,350 - \$10,120. We will notify you immediately of any circumstances we encounter that could significantly affect this initial fee estimate. Whenever possible, we will attempt to use the Agency's personnel to assist in the preparation of schedules and analyses of accounts. This effort could substantially reduce our time requirements and facilitate the timely conclusion of the audit. Further, we will be available during the year to consult with you on financial management and accounting matters of a routine nature.

Our fee for this engagement assumes the following: the Agency will be adequately prepared for the audit and the Agency's financial operations and working trial balance will be consistent from year to year. If, after we receive the working trial balances, we notice there are excessive new accounts over the prior year; or if there are excessive subsequent journal entries; prepared by client workpapers that do not agree to the working trial balances, there are new funds/functions within the Agency, or other changes that necessitate a significant amount of time to address, we will need to come to an agreed upon change order to address any possible additional costs incurred by the firm. If the need for additional work does come to our attention, we will immediately notify Agency staff. If you choose to have us perform the additional work, then such work will be performed at the same hourly rates applicable to the audit work and set forth in an addendum to the contract between the Agency and our firm.

Board of Directors
Mound Basin Groundwater Sustainability Agency

Management is also responsible for the implementation of new standards issued by the Governmental Accounting Standards Board. We will provide reasonable assistance in the preparation of the items noted herein, but any significant time needed to complete the financial statements will be billed separately.

Our proposed fee is also dependent on all items requested being completed in the format requested or in a mutually agreed upon format and uploaded to the Engagement Organizer hosted by our firm in a timely manner in accordance with the agree-upon audit timeline.

During the course of the audit, we may observe opportunities for economy in, or improved controls over, your operations. We will bring such matters to the attention of the appropriate level of management, either orally or in writing.

You agree to inform us of facts that may affect the basic financial statements of which you may become aware during the period from the date of the auditor's report to the date the financial statements are issued.

We agree to retain our audit documentation or work papers for a period of at least seven years from the date of our report. Upon expiration of this period, we will be free to destroy our records related to the engagement. However, we do not keep original client documents, so we will return those as they are used during each engagement. It is management's responsibility to retain and protect the records for possible future use, including examination by regulators and federal agencies.

We require that a copy of the final trial balance (i.e., a trial balance ready to audit) be delivered to us at least 10 business days prior to the start of the audit, otherwise we may reschedule the start of the audit.

At the conclusion of our audit engagement, we will communicate to the Board of Directors the following significant findings from the audit:

- Our view about the qualitative aspects of the Agency's significant accounting practices;
- Significant difficulties, if any, encountered during the audit;
- Uncorrected misstatements, other than those we believe are trivial, if any;
- Disagreements with management, if any;
- Other findings or issues, if any, arising from the audit that are, in our professional judgment, significant and relevant to those charged with governance regarding their oversight of the financial reporting process;
- Material, corrected misstatements that were brought to the attention of management as a result of our audit procedures;
- Representations we requested from management;
- Management's consultations with other accountants, if any; and
- Significant issues, if any, arising from the audit that were discussed, or the subject of correspondence, with management

The audit documentation for this engagement is the property of our firm and constitutes confidential information. However, we may be requested to make certain audit documentation available to regulators, federal agencies, and to the U.S. Government Accountability Office pursuant to authority given to it by law or regulation, or to peer reviewers. If requested, access to such audit documentation will be provided under the supervision of Rogers, Anderson, Malody & Scott, LLP's personnel. Furthermore, upon request, we may provide copies of selected audit documentation to the regulators. The regulators may intend, or decide, to distribute the copies of information contained therein to others, including other governmental agencies.

In accordance with the requirements of *Government Auditing Standards*, we have attached a copy of our latest external peer review report of our firm for your consideration and files.

Non-Solicit Clause

We value each and every one of our clients as well as each and every one of our employees. We have spent a great deal of time and resources to locate, train and retain our employees. We respectfully request that you do not solicit our employees to work for you. If you do hire one of our employees within 2 years of when they last worked for RAMS, we will be due a finder's fee equal to 50% of the annual salary they were earning as of their last day of employment. Payment will be due within 10 days of your receipt of our invoice.

To ensure that Rogers, Anderson, Malody & Scott, LLP's independence is not impaired under the AICPA Code of Professional Conduct, you agree to inform the engagement partner before entering into any substantive employment discussions with any of our personnel.

International Alliance Membership

RAMS is an independent member firm of Alliot Global Alliance, which is an international alliance of independent accounting, law, and specialist firms. Alliot Global Alliance and its member firms are legally distinct and separate entities. These entities are not and shall not be construed to be in the relationship of a parent firm, subsidiary, partner, joint venture, agent, or a network. No Alliot Global Alliance member firm has any authority (actual, apparent, implied, or otherwise) to obligate or bind Alliot Global Alliance or any other Alliot Global Alliance member firm in any manner whatsoever. Equally, neither Alliot Global Alliance nor any other member firm has any authority to obligate or bind RAMS or any other member firm. All Alliot Global Alliance members are independent firms, and as such, they each render their services entirely on their own account (including benefit and risk). In connection with the engagement contemplated by this letter or any other services from time to time provided by RAMS, RAMS may seek advice from or may recommend the retention of an Alliot Global Alliance member firm. Alliot Global Alliance and its other member firms shall have no liability for advice rendered by RAMS or such consulted or retained Alliot Global Alliance member firm. Nor shall RAMS have liability for advice rendered by any of the other Alliot Global Alliance member firms, even if consulted or recommended to you by RAMS.

Please sign and return the attached original of this letter to indicate your acknowledgment of, and agreement with, the arrangements for our audit of the financial statements including our respective responsibilities. Keep the copy for your records.

We appreciate the opportunity to be your financial statement auditors and look forward to working with you and your staff.

Respectfully,

ROGERS, ANDERSON, MALODY & SCOTT, LLP



Scott Manno, CPA, CGMA
Partner

Board of Directors
Mound Basin Groundwater Sustainability Agency

RESPONSE:

This letter correctly sets forth our understanding.

Acknowledged and agreed on behalf of Mound Basin Groundwater Sustainability Agency by:

Name: _____

Title: _____

Date: _____



Motion Item No. 9(e)

DATE: June 26, 2023
TO: Board of Directors
FROM: Executive Director Bryan Bondy
SUBJECT: Monitoring Well A Induction Log for Baseline Seawater Intrusion Monitoring

SUMMARY

It is recommended that periodic induction logging of the deep monitoring well in the Monitoring Well A cluster be performed to check for seawater intrusion in the Mugu and Hueneme Aquifers. Induction logging is performed by lowering a tool within the well casing that provides a continuous measurement of electrical conductivity of the formation and fluids contained in the formation adjacent to the monitoring well casing (please see Attachment A for tool specifications). Seawater intrusion can be detected by noting changes in consecutive logs performed over time (please see example from Carpinteria Basin in Attachment A). The benefits of performing periodic induction logs are that (1) it may be possible to identify seawater intrusion before it can be definitively detected in water quality samples and (2) the precise zones within the aquifer that are being intruded can be identified. The example provided in Attachment A illustrates the second point.

A baseline induction log survey of the deep monitoring well in the Monitoring Well A cluster is recommended. Staff proposes to contract with Pacific Surveys, LLC without a competitive process because (1) there are a limited number of local vendors who can perform induction logging; (2) Pacific Surveys, LLC performed the geophysical logging of the Monitoring Well A pilot hole during well construction; and (3) Pacific Surveys, LLC has been providing the identical induction logging services to detect seawater intrusion for the Carpinteria Valley Water District (CVWD) over the last several years (i.e., there may be opportunities to partner with CVWD to reduce mobilization costs by coordinating future surveys).

RECOMMENDED ACTION

Staff recommends Board approval of professional services by Pacific Surveys, LLC. for a baseline induction log of Monitoring Well A located at the Ventura Water Reclamation Facility in an amount not-to-exceed \$2,231.00 and \$269 contingency to be authorized at the discretion of the Executive Director (\$2,500 total authorization).

BACKGROUND

Please see summary.

FISCAL SUMMARY

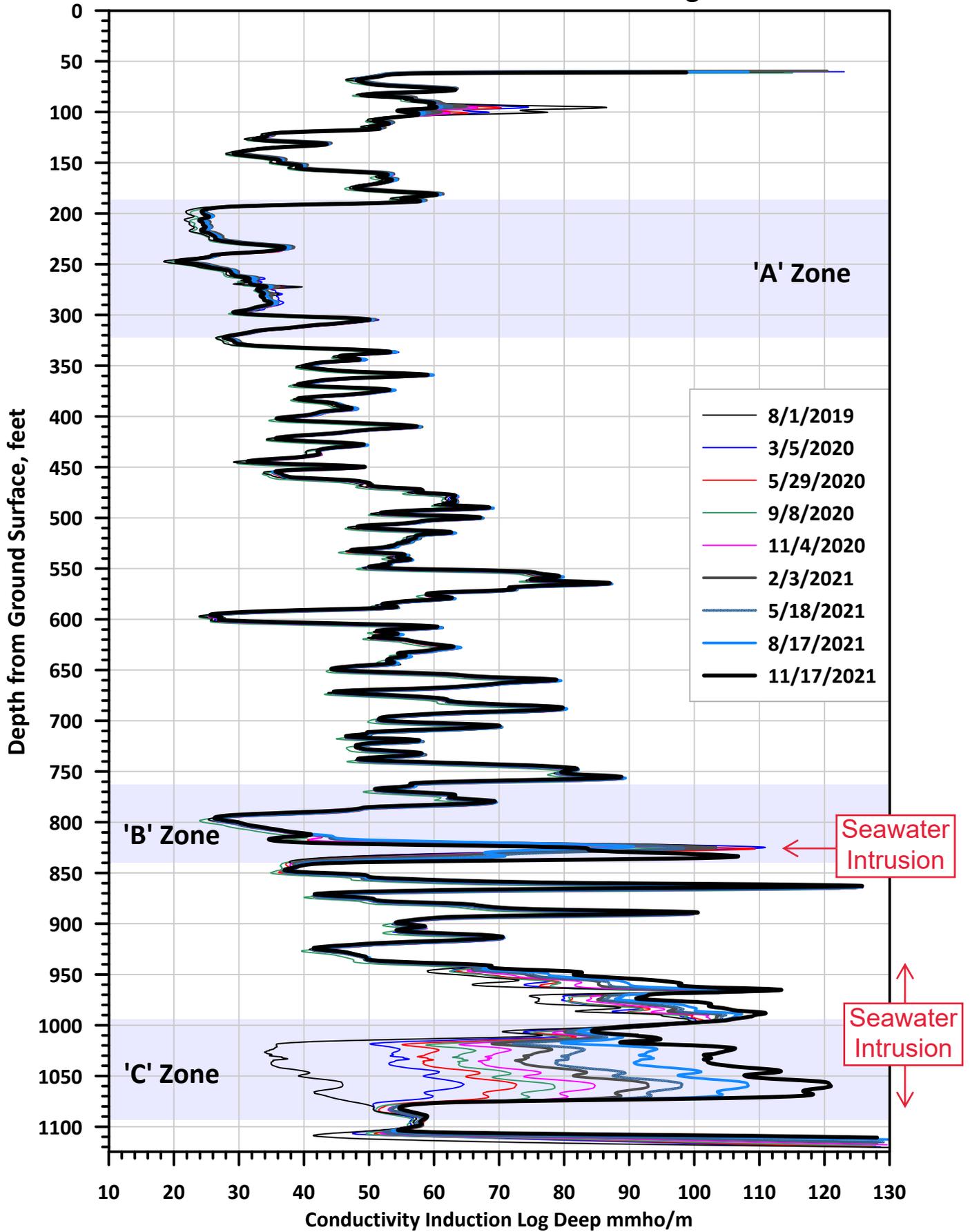
The proposed professional services are included in the adopted annual budget.

ATTACHMENT(S)

- A. Example Use of Induction Log for Seawater Intrusion Monitoring and Tool Information
- B. Pacific Surveys Proposal for Baseline Induction Log

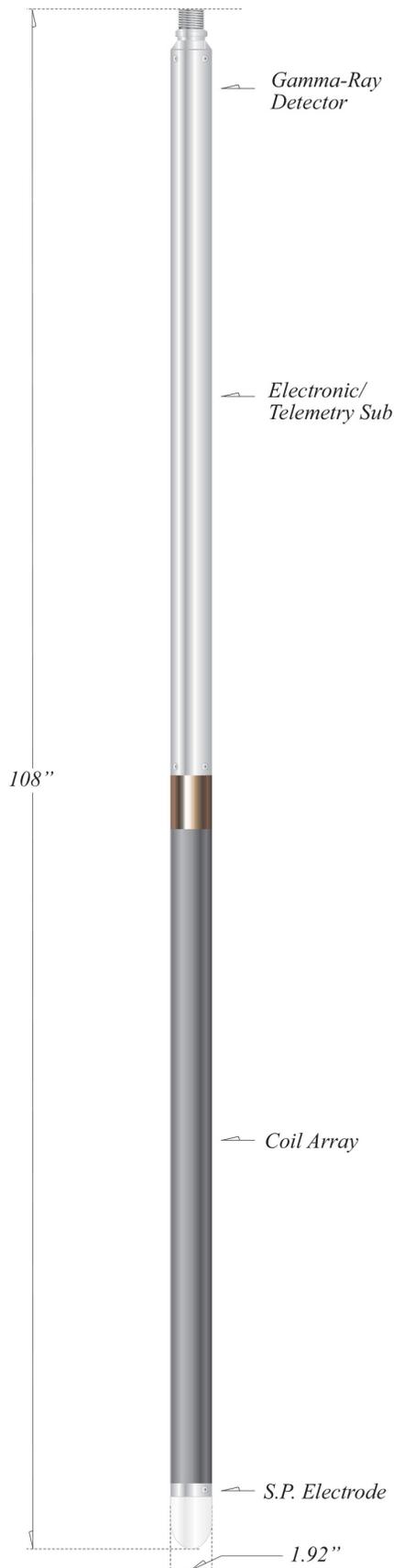
Action: _____
Motion: _____ 2 nd : _____
A.Anselm: _____ J.Chambers: _____ B.Cooper: _____ C.Everts: _____ C.Keeling: _____

CVWD CGB Sentinel Well Induction Logs



Dual Induction Tool

INDUCTION, DUAL, DIL, (RLL3)



Description: Induction devices use alternating current to energize a transmitting coil located on the tool. In turn, this induces eddy currents in the surrounding formation which have a magnitude directly proportional to the conductivity of the formation. The receiver coil measures the magnitude of these currents by detecting the magnetic field created by these induced currents. With varying coil arrays a medium and deep conductivity can be measured at radial distances from the tool into the formation.

Diameter: 1.92"

Length: 108"

Weight: 39.6 lbs

Pressure Rating: 200 Bars

Operating Temperature: 0 - 70°C

Sensor (Detector): 4-coil dual focused array w/spacing at 57 cm (ILM) and 83 cm (ILD. Operating Frequency = 25.6 KHz)

Measurement Range: 5 mMho/Meter - 5 Mho/Meter

Accuracy: Better than 5 mMho over Temp. range

Resolution: 2 mMho/Meter

Logging Speed: 25 ft/min.

All Images & Illustrations Copyright © 2009 Pacific Surveys, LLC.

June 20, 2023

Bryan Bondy, PG, CHG
Executive Director
Mound Basin Groundwater Sustainability Agency
Post Office Box 3544
Ventura, CA 93006-3544

Bryan,

Please review the following price quote for a Gamma-Ray/Dual Induction survey at the MW Deep well casing located at the Ventura Water Reclamation Facility in Ventura, CA:

Service	Unit Price	Quantity	Extended
Service Charge	\$1115/trip to site (Mon-Fri)	1	\$1115.00
Gamma-Ray/Dual Induction	\$0.93/ft (1000' Min)/survey	1200	<u>\$1116.00</u>
Total			\$2231.00 *

Prices do not include any site specific training charges that might be associated with site access requirements that would be charged at \$250/hour.

* Total assumes that no standby time will be required to complete the work, no per diem will be needed and that the work will be done on a weekday. We charge \$250/hour for standby time, \$350/person/day for per diem and our weekend Service Charges are as follows:

Saturday Service Charge	\$1180/trip to site
Sunday Service Charge	\$1355/trip to site

1000 foot minimum pricing applies to unit prices for all services and our per foot unit prices are applicable to anything over 1000 feet for all services.

This price includes all field and final copies of logs along with LAS, Txt and PDF files.

We'll need a purchase order in order to mobilize for any fieldwork. Our payment terms are Net 30 and the price above is only valid for HS&E and/or training requirements we can actually comply with and insurance requirements that do not exceed the insurance we actually have. A copy of our current verification of coverage cert that shows the insurance we actually have is attached.

Price is valid for 1 year. We appreciate your interest in our services and hope to work with you on this project. Please feel free to e-mail me at shop@pacificsurveys.com or call Pacific Surveys Vice President of Operations Joe Abreau at (800) 919-7555 with any questions regarding price or service.

Sincerely,

Josh Wheatcroft
Office Manager
Pacific Surveys, LLC
4456 Via St. Ambrose
Claremont, CA 91711
E Mail: shop@pacificsurveys.com



Motion Item No. 9(f)

DATE: June 26, 2023
TO: Board of Directors
FROM: Executive Director
SUBJECT: **Resolution 2023-03**: A Resolution of the Board of Directors of the Mound Basin Groundwater Sustainability Agency Determining and Establishing a Groundwater Extraction Fee Against All Persons Operating Groundwater Extraction Facilities Within the Mound Basin For the 12th and 13th Semiannual Billing Periods (July-December 2023 and January-June 2024).

SUMMARY

Resolution 2023-03 (Attachment A), if adopted, would establish a groundwater extraction fee against all persons operating groundwater extraction facilities within the Mound Basin Groundwater Sustainability Agency boundary for the 12th and 13th Semiannual Billing Periods (July-December 2023 and January-June 2024) based on the Fiscal Year 2023-2024 budget and multi-year financial projection approved in May 2023 (Attachment B). The proposed groundwater extraction fee for the 12th and 13th Semiannual Billing Periods is \$97 per acre foot.

RECOMMENDED ACTIONS

1. Conduct a public meeting regarding the proposed groundwater extraction fee at which oral or written presentations may be made as part of the meeting.
2. Adopt Resolution 2023-03 determining and establishing a groundwater extraction fee against all persons operating groundwater extraction facilities within the Mound Basin Groundwater Sustainability Agency boundary for the 12th and 13th Semiannual Billing Periods.

BACKGROUND

Pursuant to the Sustainable Groundwater Management Act (SGMA), a Groundwater Sustainability Agency (GSA) is authorized to collect various regulatory fees, including groundwater extraction fees (Wat. Code, § 10730.). A GSA may levy these fees both pre- and post-adoption of a GSP as long as those funds collected are used for the enumerated activities set forth under Water Code section 10730. Prior to levying this type of fee, a GSA must provide notice of and hold a public meeting to consider the proposed groundwater extraction fee.

FISCAL SUMMARY

The Fiscal Year 2023-2024 Budget and Multi-year Financial Projection are available online at <https://www.moundbasingsa.org/>. Projected groundwater extraction fees are shown at top of the multi-year projection. These fees are consistent with the adopted budget and are based on the estimated costs to adopt and implement the GSP for the Mound Basin.

ATTACHMENTS

- A. Resolution 2023-03
- B. Fiscal Year 2023-2024 Budget and Multi-Year Financial Projection

Action: _____
Motion: _____ 2 nd : _____
A.Anselm: _____ J.Chambers: _____ B.Cooper: _____ C.Everts: _____ C.Keeling: _____

RESOLUTION NO. 2023-03

**A RESOLUTION OF
THE BOARD OF DIRECTORS OF MOUND BASIN
GROUNDWATER SUSTAINABILITY AGENCY
DETERMINING AND ESTABLISHING A
GROUNDWATER EXTRACTION FEE AGAINST ALL PERSONS
OPERATING GROUNDWATER EXTRACTION FACILITIES WITHIN
THE MOUND BASIN FOR THE 12th AND 13th SEMIANNUAL BILLING
PERIODS (JULY-DECEMBER 2023 AND JANUARY-JUNE 2024)**

WHEREAS, pursuant to the Sustainable Groundwater Management Act (SGMA), a Groundwater Sustainability Agency (GSA) is authorized to collect regulatory fees such as permit fees and groundwater extraction fees, among other things (Wat. Code, § 10730); and

WHEREAS, a GSA may levy these fees to fund the costs of a groundwater sustainability program, including the preparation, adoption, and amendment of a groundwater sustainability plan (GSP), and investigations, inspections, compliance assistance, enforcement, and program administration, including a prudent reserve; and

WHEREAS, a GSA may levy these fees both pre- and post-adoption of a GSP as long as those funds collected are used for the enumerated activities set forth under Water Code section 10730; and

WHEREAS, on November 18, 2021, the Mound Basin Groundwater Sustainability Agency (Agency) adopted a GSP for the Mound Basin; and

WHEREAS, on May 22, 2023, the Agency approved a budget for Fiscal Year 2023-2024 and updated its multi-year financial projection; and

WHEREAS, after a review of the financial standing of the Agency, the Board of Directors (Board) determined the need for a groundwater extraction fee of \$97 per acre foot for (a) the 12th Semi-annual Billing Period (July – December 2023 extractions) and (b) the 13th Semi-Annual Billing Period (January – June 2024 extractions); and

WHEREAS, the Agency provided notice regarding this proposed groundwater extraction fee and the associated public meeting, as follows:

1. By publication of notice pursuant to Government Code section 6066 in the Ventura County Star on June 12, 2023, and June 21, 2023;
2. By posting notice on the website of the Agency at www.moundbasingsa.org, and on the Facebook page of the Agency at <https://www.facebook.com/moundbasingsa/>; and

3. By mailing notice to any interested party who filed a written request with the Agency for mailed notice of the public fee meeting.
4. This notice included:
 - The time and place of the meeting,
 - A general explanation of the fee under consideration; and
 - A statement that the data on which the fee is based is publicly available.
5. At least 20 days prior to the public meeting, the Agency made the data upon which the fee is based, the Agency's 2023-2024 fiscal year budget and multi-year financial projection, available to the public on the Agency's website.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Mound Basin Groundwater Sustainability Agency that a groundwater extraction fee shall be levied as follows:

1. A groundwater extraction fee of \$97 per acre foot shall be levied on all groundwater extracted from within the Agency boundary, regardless of whether that groundwater is derived from the native or an augmented supply, during (a) the 12th Semi-Annual Billing Period (July-December 2023 extractions) and (b) the 13th Semi-Annual Billing Period (January-June 2024 extractions).
2. The data upon which this groundwater extraction fee is based is attached hereto as **Exhibit A** and incorporated herein. This data is approved and adopted, and Agency staff is directed to comply with its provisions.
3. The Agency shall bill this groundwater extraction fee semiannually with billing periods covering January through June and July through December. Unless otherwise determined by the Board, the Agency shall endeavor to adopt groundwater extraction fees concurrently with its annual budgeting process.
4. The Board makes the following findings, based upon the testimony and evidence (including exhibits) presented at the public meeting regarding the groundwater extraction fee:
 - a. Revenues derived from this groundwater extraction fee will not exceed the amounts required to provide for implementation of the GSP and related administrative services.
 - b. Revenues derived from this groundwater extraction fee shall not be used for any purpose other than that for which the groundwater extraction fee is imposed.

[signature page follows]

PASSED, APPROVED, AND ADOPTED this 26th day of June 2023.

Catherine P. Keeling, Board Chair

ATTEST:

Bryan Bondy, Executive Director

Item 9(f) Attachment B

Mound Basin Groundwater Sustainability Agency
Fiscal Year 23-24 Budget and Multi-Year Budget Projection

Approved by the Board of Directors on May 22, 2023

	FY 2022-23 Adopted Budget	Q1 - Q3 Jul - Mar 2023 Actuals	Q4 April - June 2023 Projection	FY 22-23 Year End Projection	FY 23-24 Proposed Budget	FY 24-25 Projected Budget	FY 25-26 Projected Budget	FY 26-27 Projected Budget	FY 27-28 Projected Budget	Comments
Income										
Groundwater Extractions City of Ventura (AF)	N/A	1,572 (Jul-Dec 22)	650 (Jan-June 23)	2,222	3,000	3,000	3,000	3,000	3,000	FY 22-23 revised downward due to wet winter. Estimate for remaining years reduced 500 AFY based on updated information from City.
Groundwater Extractions Others (AF)	N/A	1,938 (Jul-Dec 22)	750 (Jan-June 23)	2,688	2,900	2,900	2,900	2,900	2,900	FY 22-23 revised downward due to wet winter.
Groundwater Extractions Total (AF)	5,645	3,510 (Jul-Dec 22)	1,400 (Jan-June 23)	4,910	5,900	5,900	5,900	5,900	5,900	FY 22-23 year end projected extractions revised downward due to wet winter.
Groundwater Extraction Fee (\$/AF)	\$ 62.00	\$ 62.00	\$ 62.00	\$ 62.00	\$ 97.00	\$ 90.00	\$ 119.00	\$ 61.50	\$ 99.00	
40001 - Groundwater Extraction Fees	\$350,000	\$217,620	\$86,800	\$304,420	\$572,300	\$531,000	\$702,100	\$362,850	\$584,100	FY 22-23 year end projected revenue revised downward due to wet winter.
41000 - Grant revenue										Applied for SGM Round 2 Implementation grant. Potential grant income is not included in budget because award is not guaranteed.
41001 - State Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total 41000 - Grant revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
47000 - Other Revenue										
47001 - Late Fees	\$1,227	\$1,227	\$10,722	\$11,949	\$0	\$0	\$0	\$0	\$0	Late penalty and finance charges on overdue extraction fees.
Total 47000 - Other Revenue	\$1,227	\$1,227	\$10,722	\$11,949	\$0	\$0	\$0	\$0	\$0	
Total Income	\$351,227	\$218,847	\$97,522	\$316,369	\$572,300	\$531,000	\$702,100	\$362,850	\$584,100	
Gross Profit	\$351,227	\$218,847	\$97,522	\$316,369	\$572,300	\$531,000	\$702,100	\$362,850	\$584,100	
Expense										
52200 - Professional Services										
52240 - Prof Svcs - IT Consulting	\$1,050	\$137	\$200	\$337	\$1,103	\$1,158	\$1,216	\$1,277	\$1,341	
52250 - Prof Svcs - Groundwater/GSP Pre										
52252 - Prof Svcs - GSP Consultant										
52250 - Prof Svcs - Post GSP Adoption	\$98,374	\$52,929	\$5,000	\$57,929	\$144,069	\$95,920	\$198,784	\$184,074	\$157,824	
52270 - Prof Svcs - Accounting	\$9,481	\$3,436	\$2,000	\$5,436	\$23,798	\$10,382	\$26,675	\$11,450	\$29,409	Includes audit expenses every other year.
52275 - Prof Svcs - Admin/Clerk of Bd	\$5,097	\$4,518	\$2,500	\$7,018	\$7,350	\$7,718	\$8,103	\$8,509	\$8,934	Budget for FY 23-24 and beyond increased based on FY 22-23 year end projection.
52280 - Prof Svcs - Executive Director	\$18,375	\$8,832	\$5,000	\$13,832	\$19,294	\$20,258	\$21,271	\$22,335	\$23,452	
Total 52200 - Professional Services	\$132,376	\$69,852	\$14,700	\$84,552	\$195,614	\$135,436	\$256,050	\$227,644	\$220,960	
52500 - Legal Fees										
52501 - Legal Counsel	\$12,000	\$5,046	\$1,000	\$6,046	\$12,600	\$13,230	\$13,892	\$14,586	\$15,315	
Total 52500 - Legal Fees	\$12,000	\$5,046	\$1,000	\$6,046	\$12,600	\$13,230	\$13,892	\$14,586	\$15,315	
53000 - Office Expenses										
53010 - Public Information	\$1,325	\$0	\$1,325	\$1,325	\$1,391	\$1,461	\$1,534	\$1,610	\$1,691	
53020 - Office Supplies	\$210	\$68	\$142	\$210	\$221	\$232	\$243	\$255	\$268	
53070 Licenses, Permits & Fees	\$1,100	\$1,080	\$0	\$1,080	\$1,155	\$1,213	\$1,273	\$1,337	\$1,404	
53026 - Postage & Mailing	\$650	\$288	\$300	\$588	\$683	\$717	\$753	\$791	\$830	
53110 - Travel & Training	\$500	\$285	\$300	\$585	\$525	\$551	\$579	\$608	\$638	
53000 Office Expenses Other	\$300	\$6	\$150	\$156	\$315	\$331	\$347	\$365	\$383	
Total 53000 - Office Expenses	\$4,085	\$1,727	\$2,217	\$3,943	\$4,290	\$4,504	\$4,729	\$4,966	\$5,214	
53500 - Insurance				\$0						
53510 - Liability Insurance	\$5,361	\$5,835	\$0	\$5,835	\$6,126	\$6,433	\$6,754	\$7,092	\$7,447	
Total 53500 - Insurance	\$5,361	\$5,835	\$0	\$5,835	\$6,126	\$6,433	\$6,754	\$7,092	\$7,447	
70000 - Interest & Debt Service										
70120 - Interest Expense	\$1,238	\$216	\$0	\$216	\$0	\$0	\$0	\$0	\$0	
70130 Principal Payment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total 70000 - Interest & Debt Service	\$1,238	\$216	\$0	\$216	\$0	\$0	\$0	\$0	\$0	
81000 - Contingency - Non Capital Expenditures	\$21,006	\$0	\$0	\$0	\$21,863	\$15,960	\$28,142	\$25,429	\$24,894	10% of budgeted expenses
82000 Capital Expenditures										
82001 Capital Project Expenditures	\$41,694	\$0	\$0	\$0	\$43,779	\$96,298	\$1,017,864	\$0	\$0	Monitoring well construction costs increased 25% due to steep rise in drilling costs.
82002 Contingency - Capital	\$4,169	\$0	\$0	\$0	\$4,378	\$9,630	\$101,786	\$0	\$0	10% of budgeted capital expenditures
Total Expense	\$221,930	\$82,676	\$17,917	\$100,593	\$288,650	\$281,490	\$1,429,217	\$279,717	\$273,829	
Net Income	\$129,298	\$136,172	\$79,605	\$215,777	\$283,650	\$249,510	-\$727,117	\$83,133	\$310,271	

Mound Basin Groundwater Sustainability Agency
Fiscal Year 2023-24 Budget and Multi-Year Budget Projection

Approved by the Board of Directors on May 22, 2023

FY 2022-23 Adopted Budget	Q1 - Q3 Jul - Mar 2023 Actuals	Q4 April - June 2023 Projection	FY 22-23 Year End Projection	FY 23-24 Proposed Budget	FY 24-25 Projected Budget	FY 25-26 Projected Budget	FY 26-27 Projected Budget	FY 27-28 Projected Budget	Comments
Cash Flow Projections									
Beginning Cash Balance, July 1			\$ 379,703	816,165	843,223	1,117,513	287,735	574,418	
Projected Cash Inflows			\$ 537,054	315,708	555,780	599,440	566,400	451,350	
Projected Cash Outflows			\$ (100,593)	(288,650)	(281,490)	(1,429,217)	(279,717)	(273,829)	Some June expenses may actually be paid during subsequent fiscal year.
Projected Ending Cash Balance, June 30			\$ 816,165	\$ 843,223	\$ 1,117,513	\$ 287,735	\$ 574,418	\$ 751,939	
Designated for Operating Reserves			\$ 50,000	52,500	55,125	57,881	60,775	63,814	
Designated for Capital Reserves			\$ 766,165	790,313	1,062,173	230,000	511,568	690,000	Unused FY 22-23 income transferred to capital reserve. Capital reserve in FY 25-26 and beyond is for second monitoring well scheduled for construction in FY 31-32.
Total Reserves			\$ 816,165	\$ 842,813	\$ 1,117,298	\$ 287,881	\$ 572,343	\$ 753,814	
Unreserved Cash, June 30			\$ -	\$ 410	\$ 215	\$ (146)	\$ 2,075	\$ (1,875)	