

**Borrego Springs Watermaster
Regular Board Meeting
July 11, 2024 @ 4:30 p.m.
Meeting Available by Remote Access Only***

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Instructions for Public Comment

The public may address the Board on items within the Watermaster's Jurisdiction that are included or not included on the meeting agenda.

To address the Board on items that are not included on the meeting agenda, the public may request to speak during ***Agenda Item II – Public Correspondence***. Comments may be limited to three minutes per speaker.

To address the Board on items that are included on the meeting agenda, the Board Chairperson will call for public comments immediately following the agenda item's staff report presentation and prior to Board discussion.

AGENDA

Items with supporting documents in the Board Package are denoted with a page number.

I. OPENING PROCEDURES (Chair)

- A. Call to Order and Begin Meeting Recording
- B. Pledge of Allegiance
- C. Roll Call
- D. Approval of Agenda

II. PUBLIC CORRESPONDENCE/COMMENT (Chair)

The Board may direct staff to include topics brought forward during Public Correspondence and Comment on a future meeting agenda. No action or discussion is otherwise taken by the Board. Written correspondence includes items received between June 6, 2024 and July 3, 2024.

- A. Correspondence Received – *None received*
- B. Public Comment

III. CONSENT CALENDAR (Chair)

Action Item: All items may be approved with a single motion

- A. Approval of Minutes: Regular Meeting – June 13, 2024 **Page 3**

B. Approval of June 2024 Financial Report	Page 7
C. Receive and file March 2024 Watermaster Staff invoices	
i. March 2024 RWG Invoice	Page 19
ii. March 2024 Land IQ Invoice	Page 26
iii. March 2024 West Yost Invoices	
a. Technical and Administrative Services (not grant reimbursable)	Page 42
b. Grant Component 7 – Monitoring and Reporting	Page 48
c. Grant Component 6 – Biological Restoration Study	Page 55
D. Receive and file April 2024 Watermaster Staff invoices	
i. April 2024 RWG Invoice	Page 59
ii. April 2024 Land IQ Invoice	Page 67
iii. April 2024 West Yost Invoices	
a. Technical and Administrative Services (not grant reimbursable)	Page 83
b. Grant Component 7 – Monitoring and Reporting	Page 93
c. Grant Component 6 – Biological Restoration Study	Page 109

IV. ITEMS FOR BOARD CONSIDERATION AND POSSIBLE ACTION

A. Spring 2024 Semi-Annual Monitoring Report (SALBERG/MALONE)	Page 114
B. Watermaster Budget Status Report as of June 30, 2024 (ADAMS)	Page 151
C. Status Update on the Redetermination of the Sustainable Yield (MALONE)	Page 155

V. REPORTS

A. Legal Counsel Report – <i>verbal</i>	
B. Technical Consultant Report – <i>verbal</i>	
i. Report out from July 1, 2025 TAC meeting	
ii. Status update on Biological Restoration of Fallow Lands project	
iii. Status update on Conversion of Abandoned Wells project	
C. Executive Director Reports – <i>verbal</i>	
i. Prop 68 grant update	
ii. Status update on DWR Review of GMP and Judgment	
D. Chairperson's Report – <i>verbal</i>	

VI. APPROVAL OF AGENDA ITEMS FOR AUGUST 8, 2024 BOARD MEETINGPage 157

Recommendation: Develop and approve agenda for August 8, 2024 Regular Board meeting.

VII. BOARD MEMBER COMMENTS

VIII. NEXT MEETINGS OF THE BORREGO SPRINGS WATERMASTER

A. Regular Board Meeting – Thursday, August 8, 2024 at 4:30 pm	
B. Regular Board Meeting – Thursday, September 12, 2024 at 4:30 pm	

IX. ADJOURNMENT

MINUTES
BORREGO SPRINGS WATERMASTER BOARD MEETING
Conducted Virtually via GoToMeeting
Thursday, June 13, 2024, 4:30 p.m.

The following individuals were present at the meeting:

Directors Present	Chair Dave Duncan – Borrego Water District (BWD)
	Vice Chair Tyler Bilyk – Agricultural Sector
	Secretary and Treasurer Shannon Smith – Recreational Sector
	Mark Jorgensen – Community Representative
	Jim Bennett – County of San Diego
Watermaster Staff Present	James M. Markman, Legal Counsel
	Samantha Adams, Executive Director, West Yost
	Andrew Malone, Lead Technical Consultant, West Yost
	Lauren Salberg, Staff Geologist, West Yost
Others Present	Christopher Baker, DWR
	Diane Johnson, BWD Board Member
	Geoff Poole, BWD General Manager
	Jim Dax, Board Alternate – Community Representative
	Leanne Crow, Board Alternate – County of San Diego
	Rich Pinel, Board Alternate – Recreational Sector
	Steve Anderson, BB&K, representing BWD
	Tammy Baker, BWD Board Member
	Trey Driscoll, Intera, TAC Member representing BWD
	Christopher Baker, DWR

Please visit the [Watermaster's Website](#)¹ to access the Agenda Packet, recording, and presentation for the June 13, 2024 Meeting.

I. Opening Procedures

- A. Chair Duncan called the meeting to order at 4:30 PM at which time the meeting recording was started.
- B. Chair Duncan led the meeting participants in the Pledge of Allegiance.
- C. Samantha Adams, Executive Director (ED) called roll and confirmed that a quorum of all members of the Board were present.
- D. Approval of Agenda.

Motion: Motioned by Director Jorgensen, seconded by Vice Chair Bilyk to approve the Agenda.

Motion carried unanimously by voice vote (5-0-0).

II. Public Correspondence

- A. Correspondence Received. No public correspondence was received.
- B. Public Comments. Chair Duncan called for public comments. There were no public comments.

¹ <https://borregospringswatermaster.com/past-watermaster-meetings/>

III. **Consent Calendar.** Chair Duncan called for any discussion on the Consent Calendar items included in the June 13, 2024 agenda package.

Motion: Motioned by Director Smith, seconded by Director Jorgensen to approve the Consent Calendar. *Motion carried unanimously by roll-call vote (5-0-0).*

IV. **Items for Board Consideration and Possible Action**

A. *Draft Final Water Year 2025 Budget.* ED Adams summarized the draft final Water Year (WY) 2025 budget included in the Agenda package. At the conclusion of the presentation, Chair Duncan opened the floor to public comment, followed by Board discussion. Public comment was made by Tammy Baker.

The key points of discussion included:

- The purpose and cost of performing elevation surveys on wells in the Groundwater Monitoring Program.
- Suggestion to staff to provide a range of costs for the WY 2025 Pumping Assessment to pumpers when communicating the WY 2025 Budget. Staff reminded that the range is large depending on carryover outcomes and is difficult to predict until the end of the water year.
- Status update on the 5-Year Assessment of the Groundwater Management Plan (GMP) and the impact to the WY 2025 budget and grant funding.
- Suggestion to staff to consider communicating changes in the future Pumping Assessments to Pumpers, in consideration of the Supplemental Assessment that was issued in WY 2023.

Motion: Motioned by Director Smith, seconded by Director Jorgensen, to approve the WY 2025 budget as presented by staff. *Motion carried unanimously by roll-call vote (5-0-0).*

B. *Status Update on the Redetermination of the Sustainable Yield.* Andy Malone provided a status update on the Redetermination of the Sustainable Yield, as summarized in the Agenda package memo. At the conclusion of the presentation, Chair Duncan opened the floor to public comment, followed by Board discussion. Public comment was made by Diane Johnson.

The key points of discussion included:

- The work includes assessing future projections of climate change into the Borrego Valley Hydrologic Model (BVHM).
- A water budget from the recalibrated BVHM will be prepared at the conclusion of Task 4 – *Model Recalibration.*
- Efforts to Redetermine the Sustainable Yield are projected to be on-schedule.

No Board action was taken.

C. *Consideration of Approval of the Agendas for TAC and EWG Meetings.* Mr. Malone described the proposed Agendas for the upcoming Technical Advisory Committee (TAC) and Environmental Working Group (EWG) meetings scheduled for July 1, 2024 and July 16, 2024, respectively. At the conclusion of the presentation, Chair Duncan opened the floor to public comment, followed by Board discussion. Public comment was made by Diane Johnson.

Motion: Motioned by Director Bennett, seconded by Vice Chair Bilyk, to approve the TAC and EWG meeting Agendas included in the Board package. *Motion carried unanimously by roll-call vote (5-0-0).*

V. Reports.

- A. Legal Counsel Report. None.
- B. Technical Consultant Report. Mr. Malone provided a status update on the Biological Restoration of Fallowed Lands and Address Abandoned Wells projects (see slide 23-24 of the [Board presentation slides](#)).
- C. Executive Director Reports. ED Adams reported on the following items:
 - Prop 68 Grant Updates
 - Chair Duncan reported that a meeting with the new grant manager at DWR is scheduled for June 18, 2024.
 - Status of DWR's review of the Groundwater Management Plan
- D. Chairperson's Report. None.

VI. Approval of Agenda Items for July 11, 2024 Board Meeting. ED Adams reviewed the potential agenda items for the next Board meetings listed in the agenda package. The Board discussed items to be included on the July 11, 2024 Board meeting agenda, in addition to items listed in the Agenda package. Discussion included:

- A request to add a placeholder on future agendas to discuss DWR's comments on the GMP.
- ED Adams updated the proposed Agenda for the July 11, 2024 meeting on the meeting screen based on discussion, noting it now includes the following items:
 - Spring 2024 Semi-Annual Monitoring Report
 - WY 2024 3rd Quarterly Budget Status Review
 - Status Update on the Redetermination of the Sustainable Yield
 - Discussion on DWR comments (if needed)

Motion: Motioned by Director Smith seconded by Director Jorgensen, to approve the July 11, 2024 agenda presented. *Motion carried unanimously by roll-call vote (5-0-0).*

VII. Board Member Comments. Chair Duncan called for comments.

- Director Smith thanked Director Pinel for attending the May Board meeting in his absence.

VIII. Next Meetings of the Borrego Springs Watermaster. Chair Duncan reviewed the meetings listed in the agenda package.

IX. Adjournment

- Chair Duncan adjourned the meeting at 5:54 PM.

Recorded by:

Lauren Salberg, Staff Geologist, West Yost

Attest:

Shannon Smith, Secretary and Treasurer of the Board

Unapproved

Borrego Springs Watermaster
Profit & Loss for Fiscal Year 2023-2024
 October 2023 through June 2024

	Oct 23	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24	TOTAL
Ordinary Income/Expense										
Income										
DWR Grant Reimbursement ^t	0.00	0.00	624,880.37	0.00	0.00	0.00	260,795.98	0.00	0.00	885,676.35
Meter Read Reimbursement	6,468.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,468.96
Pumping Assessment	0.00	229,005.63	0.00	0.00	0.00	0.00	0.00	229,005.63	0.00	458,011.26
WY 2022 - Expected Grant Reimb ^v	0.00	0.00	(235,348.89)	0.00	0.00	0.00	0.00	0.00	0.00	(235,348.89)
WY 2023 - Expected Grant Reimb ^v	0.00	0.00	(389,487.97)	0.00	0.00	0.00	(261,195.99)	0.00	0.00	(650,683.96)
WY 2024 - Expected Grant Reimb	69,263.28	83,812.42	74,465.68	71,316.06	65,187.58	42,383.97	62,907.73	95,411.00	82,867.03	647,614.75
Total Income	75,732.24	312,818.05	74,509.19	71,316.06	65,187.58	42,383.97	62,507.72	324,416.63	82,867.03	1,111,738.47
Expense										
Audit										
Audit	0.00	0.00	0.00	0.00	6,272.00	784.00	784.00	0.00	0.00	7,840.00
Bank Service Charges	0.00	0.00	0.00	25.00	0.00	25.00	0.00	27.00	0.00	77.00
Consult Serv Land IQ-Grant Reim ^{**}	16,663.20	14,023.42	19,137.73	17,592.06	6,028.83	8,760.72	13,821.76	14,766.83	30,346.28	141,140.83
Consult Serv WY-Grant Reim ^{**}	52,600.08	69,789.00	55,327.95	53,724.00	46,958.75	33,623.25	49,085.97	80,644.17	52,520.75	494,273.92
Consulting Services [*]	15,973.00	16,179.45	14,698.54	17,746.25	12,799.75	12,614.25	15,404.26	22,753.84	12,612.75	140,782.09
Consulting Services- Meter Read	1,304.75	(131.50)	36.25	88.00	344.50	279.50	(178.00)	89.00	44.50	1,877.00
Insurance	3,339.42	3,339.42	3,339.42	3,339.42	3,339.42	3,339.42	3,339.42	3,339.40	3,579.60	30,294.94
Interest Expense	6,909.54	7,121.26	12,009.27	5,498.76	3,036.49	3,711.23	3,747.85	3,167.25	3,932.25	49,133.90
Legal	4,500.00	15,442.50	9,047.50	15,409.39	7,524.90	12,981.75	8,855.50	12,096.75	4,758.50	90,616.79
Meter Accuracy Test-Grant Reim ^{**}	0.00	0.00	0.00	0.00	12,200.00	0.00	0.00	0.00	0.00	12,200.00
Meter Read Expenses	1,688.68	0.00	0.00	0.00	0.00	894.53	0.00	0.00	0.00	2,583.21
Total Expense	102,978.67	125,763.55	113,596.66	113,422.88	98,504.64	77,013.65	94,860.76	136,884.24	107,794.63	970,819.68
Net Ordinary Income	(27,246.43)	187,054.50	(39,087.47)	(42,106.82)	(33,317.06)	(34,629.68)	(32,353.04)	187,532.39	(24,927.60)	140,918.79
Net Income	(27,246.43)	187,054.50	(39,087.47)	(42,106.82)	(33,317.06)	(34,629.68)	(32,353.04)	187,532.39	(24,927.60)	140,918.79

* Represents Consulting services by West Yost that are not grant reimbursable.

** Represents expenses that can be reimbursed with grant funding from DWR.

^t Reflects actual reimbursement received from DWR.

^v Reflects reversal of estimated reimbursement amounts in prior WYs.

Borrego Springs Watermaster
Balance Sheet for Fiscal Year 2023-2024
As of June 30, 2024

	Jun 30, 24
ASSETS	
Current Assets	
Checking/Savings	
US Bank	985,725.48
Total Checking/Savings	985,725.48
Accounts Receivable	
Accounts Receivable	90,091.23
Total Accounts Receivable	90,091.23
Other Current Assets	
Accrued Grant Reimburse 2024	647,614.75
Prepaid Expenses	39,374.90
Total Other Current Assets	686,989.65
Total Current Assets	1,762,806.36
TOTAL ASSETS	1,762,806.36
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable	467,849.90
Total Accounts Payable	467,849.90
Other Current Liabilities	
Accrued Payables	98,328.28
Total Other Current Liabilities	98,328.28
Total Current Liabilities	566,178.18
Total Liabilities	566,178.18
Equity	
Retained Earnings	1,055,709.39
Net Income	140,918.79
Total Equity	1,196,628.18
TOTAL LIABILITIES & EQUITY	1,762,806.36

Borrego Springs Watermaster Expense Distribution Detail

June 2024

Type	Date	Num	Memo	Account	Amount
Land IQ, LLC					
General Journal	06/01/2024	65R	Land IQ Estimate for May 1, 2024 to May 31, 2024	Consult Serv Land IQ-Grant Reim	(12,190.85)
Bill	06/28/2024	6079	Services from May 1, 2024 to May 31, 2024	Consult Serv Land IQ-Grant Reim	13,530.85
Bill	06/30/2024	LandIQ Int Jun24 Est	June 2024 Estimated Interest	Interest Expense	325.98
Bill	06/30/2024	LandIQ Int Jun24	June 2024 Final Interest, Including Payments	Interest Expense	115.59
General Journal	06/30/2024	68	Land IQ Estimate for June 1, 2024 to June 30, 2024	Consult Serv Land IQ-Grant Reim	29,006.28
Total Land IQ, LLC					30,787.85
RWG Law					
General Journal	06/01/2024	65R	RWG Estimate for May 1, 2024 to May 31, 2024	Legal	(4,500.00)
Bill	06/10/2024	248176	Services rendered through May 31, 2024	Legal	4,758.50
General Journal	06/30/2024	68	RWG Law Estimate for June 1, 2024 to June 30, 2024	Legal	4,500.00
Total RWG Law					4,758.50
West Yost & Associates					
General Journal	06/01/2024	65R	WY Estimate for May 1, 2024 to May 31, 2024	Consulting Services	(22,256.26)
General Journal	06/01/2024	65R	WY Estimate for May 1, 2024 to May 31, 2024	Consulting Services- Meter Read	(44.50)
General Journal	06/01/2024	65R	WY Estimate for May 1, 2024 to May 31, 2024	Consult Serv WY-Grant Reim	(66,572.50)
Bill	06/21/2024	2058657	West Yost Consulting Services May 1, 2024 to May 31, 2024	Consulting Services	23,125.51
Bill	06/21/2024	2058657	West Yost Consulting Services May 1, 2024 to May 31, 2024	Consulting Services- Meter Read	44.50
Bill	06/21/2024	2058659	West Yost Consulting Services May 1, 2024 to May 31, 2024	Consult Serv WY-Grant Reim	371.25
Bill	06/21/2024	2058658	West Yost Consulting Services May 1, 2024 to May 31, 2024	Consult Serv WY-Grant Reim	65,688.00
Bill	06/30/2024	Interest June24 Est	June 2024 Estimated Interest	Interest Expense	2,729.92
Bill	06/30/2024	Interest Jun24 Final	June 2024 Final Interest, Including Payments	Interest Expense	760.76
General Journal	06/30/2024	68	WY Estimate for June 1, 2024 to June 30, 2024	Consulting Services	11,743.50
General Journal	06/30/2024	68	WY Estimate for June 1, 2024 to June 30, 2024	Consulting Services- Meter Read	44.50
General Journal	06/30/2024	68	WY Estimate for June 1, 2024 to June 30, 2024	Consult Serv WY-Grant Reim	53,034.00
Total West Yost & Associates					68,668.68
TOTAL					104,215.03

Borrego Springs Watermaster

Register: US Bank

From 06/01/2024 through 06/30/2024

Sorted by: Date, Type, Number/Ref

Date	Number	Payee	Account	Memo	Payment	C	Deposit	Balance
6/10/2024	2152	Inland Counties Insurance Services, Inc.	Accounts Payable	Insurance coverage period 05/19/24-05/19/25	42,954.50			826,560.84
6/10/2024	2153	Land IQ, LLC	Accounts Payable		456.90			826,103.94
6/10/2024	2154	RWG Law	Accounts Payable	Services rendered through March 31, 2024	13,155.50			812,948.44
6/10/2024	2155	West Yost & Associates	Accounts Payable		13,229.62	X		799,718.82
6/11/2024			-split-	Deposit		X	54,090.72	853,809.54
6/27/2024			-split-	Deposit		X	131,915.94	985,725.48

2020 Research Park Drive, Suite 100
Davis, CA 95618

To: Borrego Springs Watermaster
c/o West Yost Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Interest Schedule: 6/30/2024

Invoice No.	Invoice Date / Payment Date	Invoice Amount	Prime Rate (Plus 2%)	Interest Charge	Starting Balance	Ending Balance
2056797	12/31/2023	\$ 12,374.50			\$ 12,374.50	
	1/31/2024		10.50%	\$ 110.35	\$ 12,374.50	\$ 12,484.85
	2/27/2024	\$ (214.44)	10.50%	\$ 96.97	\$ 12,270.41	\$ 12,367.38
	2/29/2024		10.50%	\$ 7.12	\$ 12,367.38	\$ 12,374.50
	3/26/2024	\$ (110.35)	10.50%	\$ 92.55	\$ 12,264.15	\$ 12,356.70
	3/31/2024		10.50%	\$ 17.77	\$ 12,356.70	\$ 12,374.48
	4/23/2024	\$ (842.95)	10.50%	\$ 81.87	\$ 11,531.53	\$ 11,613.40
	4/30/2024		10.50%	\$ 23.39	\$ 11,613.40	\$ 11,636.79
	5/29/2024	\$ (109.23)	10.50%	\$ 97.08	\$ 11,527.56	\$ 11,624.64
	5/31/2024		10.50%	\$ 6.69	\$ 11,624.64	\$ 11,631.33
	6/27/2024	\$ (100.25)	10.50%	\$ 90.34	\$ 11,531.08	\$ 11,621.42
	6/30/2024		10.50%	\$ 10.03	\$ 11,621.42	\$ 11,631.45
2056798	12/31/2023	\$ 47,204.00			\$ 47,204.00	
	1/31/2024		10.50%	\$ 420.96	\$ 47,204.00	\$ 47,624.96
	2/27/2024	\$ (818.01)	10.50%	\$ 369.91	\$ 46,806.95	\$ 47,176.86
	2/29/2024		10.50%	\$ 27.14	\$ 47,176.86	\$ 47,204.00
	3/26/2024	\$ (420.96)	10.50%	\$ 353.06	\$ 46,783.04	\$ 47,136.10
	3/31/2024		10.50%	\$ 67.80	\$ 47,136.10	\$ 47,203.90
	4/23/2024	\$ (407.38)	10.50%	\$ 312.32	\$ 46,796.52	\$ 47,108.84
	4/30/2024		10.50%	\$ 94.86	\$ 47,108.84	\$ 47,203.70
	5/29/2024	\$ (420.95)	10.50%	\$ 393.80	\$ 46,782.75	\$ 47,176.55
	5/31/2024		10.50%	\$ 27.14	\$ 47,176.55	\$ 47,203.69
	6/27/2024	\$ (407.37)	10.50%	\$ 366.64	\$ 46,796.32	\$ 47,162.96
	6/30/2024		10.50%	\$ 40.70	\$ 47,162.96	\$ 47,203.66
2056799	12/31/2023	\$ 1,016.00			\$ 1,016.00	
	1/31/2024		10.50%	\$ 9.06	\$ 1,016.00	\$ 1,025.06
	2/27/2024	\$ (17.61)	10.50%	\$ 7.96	\$ 1,007.45	\$ 1,015.41
	2/29/2024		10.50%	\$ 0.58	\$ 1,015.41	\$ 1,016.00
	3/26/2024	\$ (9.06)	10.50%	\$ 7.60	\$ 1,006.94	\$ 1,014.54
	3/31/2024		10.50%	\$ 1.46	\$ 1,014.54	\$ 1,015.99
	4/23/2024	\$ (8.77)	10.50%	\$ 6.72	\$ 1,007.22	\$ 1,013.95
	4/30/2024		10.50%	\$ 2.04	\$ 1,013.95	\$ 1,015.99
	5/29/2024	\$ (9.06)	10.50%	\$ 8.48	\$ 1,006.93	\$ 1,015.40
	5/31/2024		10.50%	\$ 0.58	\$ 1,015.40	\$ 1,015.99
	6/27/2024	\$ (8.77)	10.50%	\$ 7.89	\$ 1,007.22	\$ 1,015.11
	6/30/2024		10.50%	\$ 0.88	\$ 1,015.11	\$ 1,015.99

2020 Research Park Drive, Suite 100
Davis, CA 95618

To: Borrego Springs Watermaster
c/o West Yost Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Interest Schedule: 6/30/2024

Invoice No.	Invoice Date / Payment Date	Invoice Amount	Prime Rate (Plus 2%)	Interest Charge	Starting Balance	Ending Balance
2057638	1/31/2024	\$ 17,749.00			\$ 17,749.00	
	2/29/2024		10.50%	\$ 148.07	\$ 17,749.00	\$ 17,897.07
	3/26/2024	\$ (306.52)	10.50%	\$ 133.86	\$ 17,590.55	\$ 17,724.41
	3/31/2024		10.50%	\$ 25.49	\$ 17,724.41	\$ 17,749.90
	4/23/2024	\$ (153.18)	10.50%	\$ 117.44	\$ 17,596.72	\$ 17,714.17
	4/30/2024		10.50%	\$ 35.67	\$ 17,714.17	\$ 17,749.84
	5/29/2024	\$ (158.29)	10.50%	\$ 148.08	\$ 17,591.55	\$ 17,739.62
	5/31/2024		10.50%	\$ 10.21	\$ 17,739.62	\$ 17,749.83
	6/27/2024	\$ (153.18)	10.50%	\$ 137.87	\$ 17,596.65	\$ 17,734.52
	6/30/2024		10.50%	\$ 15.31	\$ 17,734.52	\$ 17,749.82
2057639	1/31/2024	\$ 63,004.75			\$ 63,004.75	
	2/29/2024		10.50%	\$ 525.61	\$ 63,004.75	\$ 63,530.36
	3/26/2024	\$ (3,813.14)	10.50%	\$ 475.17	\$ 59,717.22	\$ 60,192.40
	3/31/2024		10.50%	\$ 86.58	\$ 60,192.40	\$ 60,278.98
	4/23/2024	\$ (520.22)	10.50%	\$ 398.83	\$ 59,758.76	\$ 60,157.59
	4/30/2024		10.50%	\$ 121.14	\$ 60,157.59	\$ 60,278.73
	5/29/2024	\$ (537.55)	10.50%	\$ 502.87	\$ 59,741.18	\$ 60,244.05
	5/31/2024		10.50%	\$ 34.66	\$ 60,244.05	\$ 60,278.71
	6/27/2024	\$ (520.21)	10.50%	\$ 468.19	\$ 59,758.50	\$ 60,226.69
	6/30/2024		10.50%	\$ 51.98	\$ 60,226.69	\$ 60,278.67
2057003	1/31/2024	\$ 1,390.00			\$ 1,390.00	
	2/29/2024		10.50%	\$ 11.60	\$ 1,390.00	\$ 1,401.60
	3/26/2024	\$ (24.10)	10.50%	\$ 10.48	\$ 1,377.50	\$ 1,387.98
	3/31/2024		10.50%	\$ 2.00	\$ 1,387.98	\$ 1,389.98
	4/23/2024	\$ (12.00)	10.50%	\$ 9.20	\$ 1,377.98	\$ 1,387.17
	4/30/2024		10.50%	\$ 2.79	\$ 1,387.17	\$ 1,389.97
	5/29/2024	\$ (12.40)	10.50%	\$ 11.60	\$ 1,377.57	\$ 1,389.16
	5/31/2024		10.50%	\$ 0.80	\$ 1,389.16	\$ 1,389.96
	6/27/2024	\$ (12.00)	10.50%	\$ 10.80	\$ 1,377.96	\$ 1,388.76
	6/30/2024		10.50%	\$ 1.20	\$ 1,388.76	\$ 1,389.96

2020 Research Park Drive, Suite 100
Davis, CA 95618

To: Borrego Springs Watermaster
c/o West Yost Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Interest Schedule: 6/30/2024

Invoice No.	Invoice Date / Payment Date	Invoice Amount	Prime Rate (Plus 2%)	Interest Charge	Starting Balance	Ending Balance
2057696	2/29/2024	\$ 12,823.50			\$ 12,823.50	
	3/31/2024		10.50%	\$ 114.36	\$ 12,823.50	\$ 12,937.86
	4/23/2024	\$ (111.66)	10.50%	\$ 85.60	\$ 12,826.20	\$ 12,911.80
	4/30/2024		10.50%	\$ 26.00	\$ 12,911.80	\$ 12,937.80
	5/29/2024	\$ (115.38)	10.50%	\$ 107.93	\$ 12,822.42	\$ 12,930.35
	5/31/2024		10.50%	\$ 7.44	\$ 12,930.35	\$ 12,937.79
	6/27/2024	\$ (111.65)	10.50%	\$ 100.49	\$ 12,826.14	\$ 12,926.63
	6/30/2024		10.50%	\$ 11.16	\$ 12,926.63	\$ 12,937.79
2057697	2/29/2024	\$ 34,663.75			\$ 34,663.75	
	3/31/2024		10.50%	\$ 309.12	\$ 34,663.75	\$ 34,972.87
	4/23/2024	\$ (301.82)	10.50%	\$ 231.40	\$ 34,671.05	\$ 34,902.45
	4/30/2024		10.50%	\$ 70.28	\$ 34,902.45	\$ 34,972.73
	5/29/2024	\$ (311.88)	10.50%	\$ 291.76	\$ 34,660.85	\$ 34,952.61
	5/31/2024		10.50%	\$ 20.11	\$ 34,952.61	\$ 34,972.72
	6/27/2024	\$ (301.82)	10.50%	\$ 271.64	\$ 34,670.90	\$ 34,942.54
	6/30/2024		10.50%	\$ 30.16	\$ 34,942.54	\$ 34,972.70
2057698	2/29/2024	\$ 1,206.25			\$ 1,206.25	
	3/31/2024		10.50%	\$ 10.76	\$ 1,206.25	\$ 1,217.01
	4/23/2024	\$ (10.50)	10.50%	\$ 8.05	\$ 1,206.51	\$ 1,214.56
	4/30/2024		10.50%	\$ 2.45	\$ 1,214.56	\$ 1,217.01
	5/29/2024	\$ (10.85)	10.50%	\$ 10.15	\$ 1,206.16	\$ 1,216.31
	5/31/2024		10.50%	\$ 0.70	\$ 1,216.31	\$ 1,217.01
	6/27/2024	\$ (10.50)	10.50%	\$ 9.45	\$ 1,206.51	\$ 1,215.96
	6/30/2024		10.50%	\$ 1.05	\$ 1,215.96	\$ 1,217.01
2057887	3/31/2024	\$ 13,622.25			\$ 13,622.25	
	4/30/2024		10.50%	\$ 117.56	\$ 13,622.25	\$ 13,739.81
	5/29/2024	\$ (240.09)	10.50%	\$ 114.62	\$ 13,499.72	\$ 13,614.35
	5/31/2024		10.50%	\$ 7.83	\$ 13,614.35	\$ 13,622.18
	6/27/2024	\$ (117.56)	10.50%	\$ 105.81	\$ 13,504.62	\$ 13,610.42
	6/30/2024		10.50%	\$ 11.75	\$ 13,610.42	\$ 13,622.17

2020 Research Park Drive, Suite 100
Davis, CA 95618

To: Borrego Springs Watermaster
c/o West Yost Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Interest Schedule: 6/30/2024

Invoice No.	Invoice Date / Payment Date	Invoice Amount	Prime Rate (Plus 2%)	Interest Charge	Starting Balance	Ending Balance
2057889	3/31/2024 4/30/2024 5/29/2024 5/31/2024 6/27/2024 6/30/2024	\$ 33,872.75 \$ (292.33) \$ (294.96)	10.50% 10.50% 10.50% 10.50% 10.50%	\$ 292.33 \$ 285.02 \$ 19.65 \$ 265.46 \$ 29.47	\$ 33,872.75 \$ 33,872.75 \$ 34,157.77 \$ 34,177.42 \$ 34,147.92 \$ 34,147.92	\$ 33,872.75 \$ 34,165.08 \$ 34,157.77 \$ 34,177.42 \$ 34,147.92 \$ 34,177.39
2057890	3/31/2024 4/30/2024 5/29/2024 5/31/2024 6/27/2024 6/30/2024	\$ 497.25 \$ (8.76) \$ (4.29)	10.50% 10.50% 10.50% 10.50% 10.50%	\$ 4.29 \$ 4.18 \$ 0.29 \$ 3.86 \$ 0.43	\$ 497.25 \$ 492.78 \$ 496.97 \$ 492.96 \$ 496.82	\$ 497.25 \$ 501.54 \$ 496.97 \$ 497.25 \$ 496.82 \$ 497.25
2058293	4/30/2024 5/31/2024 6/27/2024 6/30/2024	\$ 15,946.34 \$ (281.05)	10.50% 10.50% 10.50%	\$ 142.21 \$ 124.96 \$ 13.75	\$ 15,946.34 \$ 15,807.50 \$ 15,932.46	\$ 15,946.34 \$ 16,088.55 \$ 15,932.46 \$ 15,946.21
2058295	4/30/2024 5/31/2024 6/27/2024 6/30/2024	\$ 61,579.14 \$ (10,881.33)	10.50% 10.50% 10.50%	\$ 549.15 \$ 482.56 \$ 44.64	\$ 61,579.14 \$ 51,246.96 \$ 51,729.52	\$ 61,579.14 \$ 62,128.29 \$ 51,729.52 \$ 51,774.16
2058297	4/30/2024 5/31/2024 6/27/2024 6/30/2024	\$ 1,400.50 \$ (24.68)	10.50% 10.50% 10.50%	\$ 12.49 \$ 10.97 \$ 1.21	\$ 1,400.50 \$ 1,388.31 \$ 1,399.28	\$ 1,400.50 \$ 1,412.99 \$ 1,399.28 \$ 1,400.49
2058657	5/31/2024 6/30/2024	\$ 23,170.01 \$ 199.96	10.50%	\$ 23,170.01	\$ 23,369.97	\$ 23,170.01
2058658	5/31/2024 6/30/2024	\$ 65,688.00 \$ 566.90	10.50%	\$ 65,688.00	\$ 66,254.90	\$ 65,688.00

2020 Research Park Drive, Suite 100
Davis, CA 95618

To: Borrego Springs Watermaster
c/o West Yost Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Interest Schedule: 6/30/2024

Invoice No.	Invoice Date / Payment Date	Invoice Amount	Prime Rate (Plus 2%)	Interest Charge	Starting Balance	Ending Balance
2058659	5/31/2024 6/30/2024	\$ 371.25	10.50%	\$ 3.20	\$ 371.25	\$ 374.45

Total Invoices (Less Pymts) \$ 384,020.18

Current Month Interest (Estimated) \$ 2,729.92

Current Month Interest (Final, including payments) \$ 3,490.68

Prior Month Interest Adjustment \$ -

Adjusted Monthly Interest \$ 760.76

Total Interest Charges \$ 11,793.85

Grand Total \$ 395,814.00

2020 L St, Suite 210
Sacramento, CA 95811

To: Borrego Springs Watermaster
 c/o West Yost Associates
 23692 Birtcher Drive
 Lake Forest, CA 92630

Interest Schedule: 6/30/2024

Invoice No.	Invoice Date / Payment Date	Invoice Amount	Prime Rate (Plus 2%)	Interest Charge	Starting Balance	Ending Balance
5689	10/31/2023	\$ 19,593.79			\$ 19,593.79	
	12/1/2023		10.50%	\$ 174.73	\$ 19,593.79	\$ 19,768.52
	1/31/2024		10.50%	\$ 346.90	\$ 19,768.52	\$ 20,115.42
	2/29/2024		10.50%	\$ 167.81	\$ 20,115.42	\$ 20,283.23
	3/12/2024	\$ (689.44)	10.50%	\$ 70.02	\$ 19,593.79	\$ 19,663.81
	3/31/2024		10.50%	\$ 107.48	\$ 19,663.81	\$ 19,771.29
	4/8/2024	\$ (153.57)	10.50%	\$ 45.50	\$ 19,617.72	\$ 19,663.22
	4/30/2024		10.50%	\$ 124.44	\$ 19,663.22	\$ 19,787.67
	5/1/2024	\$ (19,766.88)	10.50%	\$ 5.69	\$ 20.79	\$ 26.49
	5/31/2024		10.50%	\$ 0.23	\$ 26.49	\$ 26.71
	6/12/2024	\$ (26.81)	10.50%	\$ 0.09	\$ (0.10)	\$ (0.00)
5737	11/30/2023	\$ 13,692.29			\$ 13,692.29	
	12/31/2023		10.50%	\$ 122.11	\$ 13,692.29	\$ 13,814.40
	1/31/2024		10.50%	\$ 123.19	\$ 13,814.40	\$ 13,937.59
	2/29/2024		10.50%	\$ 116.27	\$ 13,937.59	\$ 14,053.86
	3/12/2024	\$ (361.57)	10.50%	\$ 48.51	\$ 13,692.29	\$ 13,740.80
	3/31/2024		10.50%	\$ 75.10	\$ 13,740.80	\$ 13,815.91
	4/8/2024	\$ (123.61)	10.50%	\$ 31.80	\$ 13,692.30	\$ 13,724.09
	4/30/2024		10.50%	\$ 86.86	\$ 13,724.09	\$ 13,810.95
	5/1/2024	\$ (13,810.94)	10.50%	\$ 3.97	\$ 0.01	\$ 3.98
	5/31/2024		10.50%	\$ 0.03	\$ 3.98	\$ 4.02
	6/12/2024	\$ (4.03)	10.50%	\$ 0.01	\$ (0.01)	\$ (0.00)

2020 L St, Suite 210
Sacramento, CA 95811

To: Borrego Springs Watermaster
 c/o West Yost Associates
 23692 Birtcher Drive
 Lake Forest, CA 92630

Interest Schedule: 6/30/2024

Invoice No.	Invoice Date / Payment Date	Invoice Amount	Prime Rate (Plus 2%)	Interest Charge	Starting Balance	Ending Balance
5788	12/31/2023	\$ 17,655.58			\$ 17,655.58	
	1/31/2024		10.50%	\$ 157.45	\$ 17,655.58	\$ 17,813.03
	2/29/2024		10.50%	\$ 148.60	\$ 17,813.03	\$ 17,961.63
	3/12/2024	\$ (306.05)	10.50%	\$ 62.00	\$ 17,655.58	\$ 17,717.59
	3/31/2024		10.50%	\$ 96.84	\$ 17,717.59	\$ 17,814.43
	4/8/2024	\$ (158.84)	10.50%	\$ 41.00	\$ 17,655.59	\$ 17,696.59
	4/30/2024		10.50%	\$ 112.00	\$ 17,696.59	\$ 17,808.58
	5/1/2024	\$ (17,808.58)	10.50%	\$ 5.12	\$ 0.01	\$ 5.13
	5/31/2024		10.50%	\$ 0.04	\$ 5.13	\$ 5.18
	6/12/2024	\$ (5.19)	10.50%	\$ 0.02	\$ (0.01)	\$ 0.00
5856	1/31/2024	\$ 10,327.83			\$ 10,327.83	
	2/29/2024		10.50%	\$ 86.16	\$ 10,327.83	\$ 10,413.99
	3/31/2024		10.50%	\$ 92.87	\$ 10,413.99	\$ 10,506.86
	4/8/2024	\$ (92.87)	10.50%	\$ 24.18	\$ 10,413.99	\$ 10,438.17
	4/30/2024		10.50%	\$ 66.06	\$ 10,438.17	\$ 10,504.23
	5/1/2024	\$ (10,418.07)	10.50%	\$ 3.02	\$ 86.16	\$ 89.18
	5/31/2024		10.50%	\$ 0.77	\$ 89.18	\$ 89.95
	6/12/2024	\$ (90.26)	10.50%	\$ 0.31	\$ (0.31)	\$ 0.00
5906	2/29/2024	\$ 12,341.25			\$ 12,341.25	
	3/31/2024		10.50%	\$ 110.06	\$ 12,341.25	\$ 12,451.31
	4/8/2024	\$ (110.06)	10.50%	\$ 28.66	\$ 12,341.25	\$ 12,369.90
	4/30/2024		10.50%	\$ 78.29	\$ 12,369.90	\$ 12,448.19
	5/1/2024	\$ (217.00)	10.50%	\$ 3.58	\$ 12,231.19	\$ 12,234.77
	5/31/2024		10.50%	\$ 105.59	\$ 12,234.77	\$ 12,340.36
	6/12/2024	\$ (109.17)	10.50%	\$ 42.60	\$ 12,231.19	\$ 12,273.79
	6/30/2024		10.50%	\$ 63.55	\$ 12,273.79	\$ 12,337.34

2020 L St, Suite 210
Sacramento, CA 95811

To: Borrego Springs Watermaster
c/o West Yost Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Interest Schedule: 6/30/2024

Invoice No.	Invoice Date / Payment Date	Invoice Amount	Prime Rate (Plus 2%)	Interest Charge	Starting Balance	Ending Balance
5954	3/31/2024 4/30/2024 5/31/2024 6/12/2024 6/30/2024	\$ 10,311.72 \$ (71.25)	10.50% 10.50% 10.50% 10.50% 10.50%	\$ 88.99 \$ 92.75 \$ 36.22 \$ 54.15	\$ 10,311.72 \$ 10,400.71 \$ 10,422.21 \$ 10,458.44	\$ 10,311.72 \$ 10,400.71 \$ 10,493.46 \$ 10,458.44 \$ 10,512.59
6009	4/30/2024 5/31/2024 6/30/2024	\$ 14,681.24	10.50% 10.50% 10.50%	\$ 130.92 \$ 127.83	\$ 14,681.24 \$ 14,812.16	\$ 14,681.24 \$ 14,812.16 \$ 14,940.00
6079	5/31/2024 6/30/2024	\$ 13,530.85	10.50%	\$ 116.77	\$ 13,530.85	\$ 13,647.62
Total Invoices (Less Pymts)		\$ 47,810.37				
Current Month Interest				\$ 441.57		
Total Interest Charges					\$ 3,627.18	
Grand Subtotal						\$ 51,437.55



T 213.626.8484
 F 213.626.0078
 Fed. I.D. No. 95-3292015

350 South Grand Avenue
 37th Floor
 Los Angeles, CA 90071

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BORREGO SPRINGS WATERMASTER
 C/O SAMANTHA ADAMS, EXECUTIVE DIRECTOR
 WEST YOST
 23692 BIRTCHER DRIVE
 LAKE FOREST, CA 92630

Invoice Date: April 15, 2024
 Invoice Number: 247279
 Matter Number: 13056-0001

Re: 13056-0001 GENERAL LEGAL SERVICES

[Approved July 2, 2024](#)

For professional services rendered through March 31, 2024

Time Detail

Date	Initials	Description	Hours
03/01/24	JLM	TELEPHONE CALL FROM MS. ADAMS ON "BEST SCIENCE" DOCUMENT	0.30
03/05/24	JLM	WRITE SECOND DRAFT OF POLICY STATEMENT ON USE OF BEST AVAILABLE SCIENCE	1.20
03/05/24	JCM	REVIEW NOTICE OF ENTRY OF ORDER GRANTING T2 PALMS LLC'S APPLICATION FOR INTERVENTION AS A DEFENDANT TRANSFEREE	0.10
03/06/24	JLM	REVIEW NOTICE OF ORDER ON T3 INTERVENTION; EDIT POLICY STATEMENT FOR "BEST AVAILABLE SCIENCE"	2.60
03/06/24	SLF	E-MAIL FROM MR. MARKMAN AND MS. ADAMS REGARDING T2 PROJECT	0.20
03/12/24	JLM	REVIEW BOARD MEETING AGENDA AND TELEPHONE CALL THEREON TO MR. FLOWER; REVIEW E-MAILS FROM MR. ANDERSON ON BWD MONITORING WELLS; REVIEW MEETING ADDENDUM ON GROUNDWATER DEPENDENT ECOSYSTEMS	2.00
03/12/24	JCM	DRAFT E-MAIL SUMMARY FOR MR. FLOWER REGARDING DEPARTMENT OF WATER RESOURCES' REVIEW OF GROUNDWATER MANAGEMENT PLANS AND PENDING MOTION TO AMEND JUDGMENT; REVIEW COURT DOCKET REGARDING HEARING AND MOTION TO AMEND JUDGMENT; E-MAIL WITH MR.	0.60

Client: BORREGO SPRINGS WATERMASTER
 Matter: GENERAL LEGAL SERVICES

Invoice Date:
 Invoice Number:
 Matter Number:

April 15, 2024
 247279
 13056-0001

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<u>Date</u>	<u>Initials</u>	<u>Description</u>	<u>Hours</u>
		BROCHARD REGARDING NOTICE OF NON-OPPOSITION FOR MOTION TO AMEND JUDGMENT	
03/12/24	SLF	REVIEW AGENDA PACKET; TELEPHONE CONFERENCE WITH MR. MARKMAN REGARDING SAME; RESEARCH REGARDING WATER MASTER JUDGMENT AND REGULATIONS; CONFERENCE WITH MR. METZ REGARDING SAME	4.00
03/13/24	JCM	DRAFT NOTICE OF NON-OPPOSITION TO THE BORREGO SPRINGS WATERMASTER'S MOTION TO AMEND THE JUDGMENT AND DECLARATION IN SUPPORT OF NOTICE	0.60
03/13/24	SLF	E-MAIL TO MS. ADAMS REGARDING BOARD AGENDA; REVIEW AGENDA AND PREPARE FOR MEETING	3.50
03/13/24	SLF	TELEPHONE CONFERENCE WITH MS. ADAMS REGARDING BOARD MEETING	0.40
03/14/24	BTK	REVIEW 3-14-24 FAX FROM ESCROW AGENT REGARDING INQUIRY REGARDING RECORDED NOTICE OF IMPACT OF JUDGMENT	0.10
03/14/24	BTK	REVIEW 3-14-24 MEMORANDUM FROM MR. METZ AND REVIEW ATTACHMENT REGARDING DRAFT NOTICE OF NON-OPPOSITION TO BORREGO WATERMASTER MOTION TO AMEND JUDGMENT; ASSIST FINALIZATION OF NOTICE OF NON-OPPOSITION	0.20
03/14/24	JCM	REVISE, FINALIZE, FILE AND SERVE NOTICE OF NON-OPPOSITION REGARDING MOTION TO AMEND JUDGMENT; E-MAIL WITH MR. BROCHARD AND MR. KIM REGARDING SAME; COMMUNICATIONS WITH COURT CLERK REGARDING COURT'S FILING ERROR AS TO PARTY THAT FILED MOTION	1.30
03/14/24	SLF	TELEPHONE CONFERENCE WITH MS. ADAMS REGARDING BOARD MEETING; RESEARCH REGARDING AGENDA MATTERS AND CORRESPONDENCE REGARDING SAME; PREPARE FOR MEETING	1.30
03/14/24	SLF	PREPARE FOR AND ATTEND BOARD MEETING BY TELECONFERENCE	3.50
03/15/24	SLF	TELEPHONE CONFERENCE WITH MR. MARKMAN REGARDING BOARD MEETING	0.40
03/19/24	JCM	E-MAIL WITH MS. SALBERG REGARDING FILING ANNUAL REPORT WITH COURT; E-MAIL WITH MS. KENNEDY REGARDING CORRECTION TO COURT'S DOCKET REGARDING FILING PARTY FOR MOTION TO AMEND JUDGMENT	0.20
03/19/24	SLF	E-MAIL FROM MS. SALBERG AND MR. METZ REGARDING ANNUAL REPORT	0.20
03/19/24	SLF	REVIEW NOTICE OF REGULAR BOARD MEETING	0.10

Client: BORREGO SPRINGS WATERMASTER
 Matter: GENERAL LEGAL SERVICES

Invoice Date:
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April 15, 2024
 247279
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<u>Date</u>	<u>Initials</u>	<u>Description</u>	<u>Hours</u>
03/20/24	JLM	TELEPHONE CALL FROM MS. STAPLES ON "BEST SCIENCE" ISSUE	0.30
03/20/24	JCM	PREPARE FOR HEARING ON WATERMASTER'S MOTION TO AMEND JUDGMENT TO ALLOW PUBLIC COMMUNITY REPRESENTATIVE OF WATERMASTER BOARD TO APPOINT AN EXPERT TO THE TECHNICAL ADVISORY COMMITTEE; REVIEW MOTION AND CASE FILES REGARDING SAME; REVIEW WATERMASTER BOARD MEETING MINUTES REGARDING APPROVAL OF MOTION TO AMEND JUDGMENT IN PREPARATION FOR HEARING; REVIEW COMMUNICATIONS FROM WFG NATIONAL TITLE COMPANY REGARDING NOTICE OF IMPACT JUDGMENT AS TO PROPERTY LOCATED AT 3360 SAN RAFAEL ROAD	2.60
03/20/24	SLF	E-MAIL FROM MS. SALBERG REGARDING ANNUAL REPORT	0.10
03/21/24	JLM	E-MAIL ON APPROVAL ON AMENDMENT TO JUDGMENT ON TAC MEMBERSHIP	0.10
03/21/24	JCM	APPEAR FOR HEARING ON WATERMASTER'S MOTION TO AMEND JUDGMENT TO ALLOW PUBLIC COMMUNITY REPRESENTATIVE OF WATERMASTER BOARD TO APPOINT AN EXPERT TO THE TECHNICAL ADVISORY COMMITTEE; PREPARE FOR HEARING AND REVIEW COURT'S TENTATIVE RULING; FILE PROPOSED ORDER WITH COURT GRANTING MOTION TO AMEND JUDGMENT; E-MAIL WITH MS. ADAMS, MR. MARKMAN, AND MS. SALBERG REGARDING COURT'S ORDER GRANTING MOTION TO AMEND JUDGMENT	1.80
03/21/24	SLF	E-MAIL FROM MR. METZ REGARDING MOTION TO AMEND JUDGMENT	0.10
03/25/24	JLM	REVIEW NOTICE OF JUDGMENT AMENDMENT; REVIEW E-MAILS ON NEED FOR RIGHT OF ENTRY AGREEMENTS ON MONITORING WELLS	0.70
03/25/24	JCM	DRAFT, FILE AND SERVE NOTICE OF ENTRY OF ORDER GRANTING AMENDMENT TO THE JUDGMENT; E-MAIL WITH MR. KIM REGARDING SAME; UPDATE SERVICE LIST BASED ON NOTICE OF CHANGE OF ADDRESS FILED BY DEFENDANTS JM ROADRUNNER, LLC; TELEPHONE CALL WITH MS. VERNAY-MARTIN OF WFG NATIONAL TITLE INSURANCE COMPANY REGARDING BORREGO WATERMASTER NOTICE OF JUDGMENT ON PROPERTY LOCATED AT 3360 SAN RAFAEL ROAD; E-MAIL WITH MS. VERNAY-MARTIN REGARDING IMPACT OF JUDGMENT	0.70
03/25/24	BTK	REVIEW DRAFT NOTICE OF ENTRY OF ORDER GRANTING AMENDMENT TO THE JUDGMENT; EXCHANGE MEMORANDA	0.20

Client: BORREGO SPRINGS WATERMASTER
 Matter: GENERAL LEGAL SERVICES

Invoice Date:
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April 15, 2024
 247279
 13056-0001

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<u>Date</u>	<u>Initials</u>	<u>Description</u>	<u>Hours</u>
		WITH MR. METZ REGARDING FINALIZATION AND COORDINATION OF FILING AND SERVICE OF PROCESS	
03/25/24	SLF	EXCHANGE E-MAILS WITH MR. MARKMAN REGARDING TAC MEETING; RESEARCH REGARDING BEST AVAILABLE SCIENCE ISSUES	1.60
03/25/24	SLF	E-MAIL FROM MR. METZ REGARDING WELL MONITORING PROGRAMS	0.10
03/26/24	JLM	E-MAILS ON MONITORING WELLS	0.50
03/26/24	JCM	REVIEW E-MAILS FROM MS. SALBERG AND REQUEST FROM THE BORREGO WATER DISTRICT TO UPDATE THE LANGUAGE IN WATERMASTER'S STANDARD ENTRY AGREEMENT AND ISSUES RELATED TO EXECUTION OF ENTRY AGREEMENTS WITH OTHER WELL OWNERS; REVIEW WATERMASTER ENTRY AGREEMENTS AND JUDGMENT RELATED TO PROCESS FOR ENTERING INTO AGREEMENTS; E-MAIL WITH MR. MARKMAN, MR. FLOWER AND MS. SALBERG REGARDING SAME	0.70
03/26/24	SLF	EXCHANGE E-MAILS WITH MR. MARKMAN AND MR. METZ REGARDING WELL MONITORING AGREEMENT AND REVIEW AGREEMENTS	1.60
03/27/24	JLM	REVIEW FORMS OF MONITORING AGREEMENTS	0.50
03/28/24	JLM	E-MAILS ON CONTRACTS FOR MONITORING WELLS	0.30
03/28/24	JCM	CONFERENCE WITH MR. MARKMAN, MR. FLOWER, AND MS. SALBERG REGARDING STANDARD ENTRY AGREEMENT, AND DRAFTING OF ENTRY AGREEMENT WITH BORREGO WATER DISTRICT AND MR. BAUER; PREPARE FOR MEETING REGARDING SAME	0.40
03/28/24	SLF	RESEARCH REGARDING WELL AGREEMENTS; TELEPHONE CONFERENCE WITH MS. SALBERG, MR. METZ AND MR. MARKMAN REGARDING SAME	1.60
03/29/24	JLM	REVIEW DOCUMENTS ON ANNUAL REPORT	0.20
03/29/24	JCM	DRAFT, FILE AND SERVE NOTICE OF LODGMENT OF ANNUAL REPORT OF BORREGO SPRINGS SUBBASIN FOR WATER YEAR 2023; E-MAIL WITH MR. KIM REGARDING REVIEW OF NOTICE; E-MAIL WITH MS. SALBERG AND MS. ADAMS REGARDING CONFORMED COPY OF FILED ANNUAL REPORT; REVIEW ANNUAL REPORT	1.00
03/29/24	BTK	ASSIST PREPARATION OF NOTICE OF LODGMENT OF ANNUAL REPORT OF BORREGO SPRINGS SUBBASIN FOR WATER YEAR 2023; REVIEW AND ANALYZE 2023 ANNUAL REPORT; EXCHANGE	0.30

Item III.C.i

Client: BORREGO SPRINGS WATERMASTER
Matter: GENERAL LEGAL SERVICES

Invoice Date:
Invoice Number:
Matter Number:

Page 23 of 158

April 15, 2024
247279
13056-0001

CONFIDENTIAL

This material is subject to the attorney-client privilege and/or attorney work product protection, or otherwise is privileged or confidential. Do not disclose the contents hereof. Do not file with publicly-accessible records.

<u>Date</u>	<u>Initials</u>	<u>Description</u>	<u>Hours</u>
INTERNAL MEMORANDA REGARDING FINALIZATION OF NOTICE OF LODGMENT OF ANNUAL REPORT, E-FILING AND SERVICE			
Total			38.20

Timekeeper Summary

<u>Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
B. TILDEN KIM	0.80	350.00	280.00
JACOB C. METZ	10.00	275.00	2,750.00
JAMES L. MARKMAN	8.70	400.00	3,480.00
STEVEN L. FLOWER	18.70	350.00	6,545.00
Total	38.20		\$13,055.00

Cost Detail

<u>Date</u>	<u>Description</u>	<u>Amount</u>
03/21/24	FIRST LEGAL NETWORK, LLC - ATTORNEY SERVICE - FILING/OCSC-SANTA ANA	34.25
03/29/24	FIRST LEGAL NETWORK, LLC - ATTORNEY SERVICE - FILING/OCSC-SANTA ANA	32.00
03/31/24	FIRST LEGAL NETWORK, LLC - ATTORNEY SERVICE - FILING / OCSC-SANTA ANA 3/14/24	34.25
Total		\$100.50

Item III.C.i

Client: BORREGO SPRINGS WATERMASTER
Matter: GENERAL LEGAL SERVICES

Invoice Date:
Invoice Number:
Matter Number:

Page 24 of 158

April 15, 2024
247279
13056-0001

CONFIDENTIAL

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Current Legal Fees.....\$13,055.00
Current Client Costs Advanced.....\$100.50

Total Current Fees and Costs.....\$13,155.50



T 213.626.8484

F 213.626.0078

Fed. I.D. No. 95-3292015

350 South Grand Avenue

37th Floor

Los Angeles, CA 90071

CONFIDENTIAL

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BORREGO SPRINGS WATERMASTER
C/O SAMANTHA ADAMS, EXECUTIVE DIRECTOR
WEST YOST
23692 BIRTCHER DRIVE
LAKE FOREST, CA 92630

Invoice Date: April 15, 2024
Invoice Number: 247279
Matter Number: 13056-0001

Re: 13056-0001 GENERAL LEGAL SERVICES

For professional services rendered through March 31, 2024

Fees	13,055.00
Costs	100.50
Total Amount Due	\$13,155.50

TERMS: PAYMENT DUE UPON RECEIPT

PLEASE RETURN THIS PAGE WITH YOUR REMITTANCE TO

RICHARDS, WATSON & GERSHON
350 South Grand Avenue, 37th Floor
Los Angeles, CA 90071

Approved July 2, 2024

Description of Land IQ and UCI Invoices

March 2024

Total Amount Invoiced: \$10,311.72

Amount Invoiced by Land IQ: \$1,126.25

Description of Land IQ Expenses:

- Time billed by Land IQ staff on Component Administration, and Tasks 2 and 4 (see pages 1-3 of invoice).

Amount Invoiced by UCI: \$9,185.47

Description of UCI Time & Expenses – Income and Expense Report: Total time and expenses of \$9,185.47 (pg. 4 of invoice) were calculated as follows:

- *Added time billed by Moises Raymundo Perea Vega.* UCI received approval from Land IQ to add his time in February 2024 and bill it in March 2024 instead due to a delay in an agreement for Moises to work on the project. His time is redlined on the Salaries by Fund Report (pg. 11-12). Moises's held time (totaling \$1,716.50) is added to the total of \$7,468.97, for a total of \$9,185.47, as noted on pg. 10 of the invoice.
- To summarize, UCI's March 2024 total invoiced amount is equal to:
$$\$9,185.47 = \$6,458.14 \text{ (total salary & fringe)} + \$1,716.50 \text{ (Moises's held time)} + \$1,010.83 \text{ (supplies and materials & other direct costs)}$$

Note: The UCPATH Salaries by Fund Report rounds to the nearest hundredth digit. This report is auto generated from UCI's payroll system and is limited on what adjustments can be made to it.

For Example: Salary \$1,392.25 / FTE Comp Rate \$7,008.33 = 0.198656 which is rounded to 0.1987.

Similarly, the 36.69 hours are multiplied by a rate of \$33.16516 rather than \$33.17.

Land IQ, LLC
2020 L Street
Suite 210
Sacramento, CA 95811
www.landIQ.com

Borrego Springs Watermaster
c/o West Yost & Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Invoice Date: 3/31/24
Total Amount: \$10,311.72
Invoice Number: 5954
Invoice Period: 03/01/24 - 03/31/24
Engagement: Borrego Springs Watermaster

Summary of Charges

Description	Amount
Task A. LIQ (WY23/24) Project Management	\$562.50
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	\$417.50
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	\$146.25
Task 2: UCI (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study Expenses	\$5,764.91
Task 3: UCI (WY23/24) Brush Pile Wildlife Sand Fence Case Study Expenses	\$2,597.00
Task 4: UCI (WY23/24) Farmland Fallowing Rehabilitation Strategies Expenses	\$823.56
TOTAL AMOUNT DUE	\$10,311.72

SUMMARY OF FEES

Source	Hrs	Rate	Amount
Task A. LIQ (WY23/24) Project Management			
Laura McFadden	0.75	\$110.00	\$82.50
Robert Travis Brooks	3.00	\$160.00	\$480.00
Task A. LIQ (WY23/24) Project Management			\$562.50
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study			
Robert Travis Brooks	2.00	\$160.00	\$320.00
Stephanie Tillman	0.50	\$195.00	\$97.50
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study			\$417.50
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies			
Stephanie Tillman	0.75	\$195.00	\$146.25
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies			\$146.25
TOTAL FEES & EXPENSES	7.00		\$10,311.72

TIME & EXPENSE DETAIL

Date	Task	Description	Hrs	Rate	Amount
Robert Travis Brooks					
3/1/24	Task A. LIQ (WY23/24) Project Management	Project Management	1.00	\$160.00	\$160.00
3/4/24	Task A. LIQ (WY23/24) Project Management	Monthly reporting	2.00	\$160.00	\$320.00
3/4/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Project coordination and document review	2.00	\$160.00	\$320.00
			Robert Travis Brooks	5.00	\$800.00
Laura McFadden					
3/1/24	Task A. LIQ (WY23/24) Project Management	Project Management Support	0.50	\$110.00	\$55.00
3/8/24	Task A. LIQ (WY23/24) Project Management	Project Management Support	0.25	\$110.00	\$27.50
			Laura McFadden	0.75	\$82.50
Stephanie Tillman					
3/11/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	communication with Geoff Poole re contractors; permission coordination for Qvale study site	0.50	\$195.00	\$97.50
3/12/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	communication with G. Poole and Travis re T2 hoses, contract status	0.50	\$195.00	\$97.50
3/1/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	coordination with Travis re contractors	0.25	\$195.00	\$48.75
			Stephanie Tillman	1.25	\$243.75
			TOTAL FEES	7.00	\$1,126.25

Date	Code	Task	Description	Amount
Land IQ Expenses				
3/31/24	Professional Services	Task 2: UCI (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	UCIrvine: March 1-March 31, 2024 (Invoice No: 23462273-58786)	\$5,764.91
3/31/24	Professional Services	Task 3: UCI (WY23/24) Brush Pile Wildlife Sand Fence Case Study	UCIrvine: March 1-March 31, 2024 (Invoice No: 23462273-58786)	\$2,597.00
3/31/24	Professional Services	Task 4: UCI (WY23/24) Farmland Fallowing Rehabilitation Strategies	UCIrvine: March 1-March 31, 2024 (Invoice No: 23462273-58786)	\$823.56
			Land IQ Expenses	\$9,185.47
			TOTAL EXPENSES	\$9,185.47

TOTAL AMOUNT DUE	\$10,311.72
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UCIrvine

Invoice No: 23462273-58786

Contracts and Grants Accounting

228 Aldrich Hall
Irvine, CA 92697-1050
Fax: (949) 824-3895

Date: 04/18/2024
Federal Tax ID: 95-2226406
Proposal Number: 105753
UC Fund Number: 58786
Reference:

LAND IQ, LLC
2020 L STREET, SUITE 210
SACRAMENTO, CA 95811

Please Include Invoice Number with Check or Wire Payment

Award Number: 225754
Project Title: Concept Feasibility Plan for Rehabilitation of Fallowed Irrigated Agricultural Land in the Borrego Valley Groundwater Basin
Principal Investigator: Lulow, Megan
Project Title: 01/02/2023 to 03/31/2025

Billing Period: 03/01/2024-03/31/2024

Expense Category	Cumulative To Date	Previously Billed	Current Expenses
Labor - Task A	\$5,837.45	\$5,837.45	\$0.00
Labor - Task 1	\$16,250.00	\$16,250.00	\$0.00
Labor - Task 2	\$74,283.70	\$68,518.79	\$5,764.91
Labor - Task 3	\$22,658.28	\$20,061.28	\$2,597.00
Labor - Task 4	\$0.00	\$0.00	\$823.56
Labor - Task 6	\$3,700.00	\$3,700.00	\$0.00
Direct Expense	\$9,441.67	\$9,441.67	\$0.00
	\$132,994.66	\$123,809.19	\$9,185.47
Indirect Costs (0%)	\$0.00	\$0.00	\$0.00
	\$132,994.66	\$123,809.19	\$9,185.47
Current Invoice Total			\$9,185.47

Please make your check payable to The Regents of the University of California Irvine, CONTRACTS AND GRANTS ACCOUNTING 228 ALDRICH HALL, IRVINE, CALIFORNIA 92697-1050. Include a reference to the invoice number and mail your payment to the above address. If you have any questions regarding this invoice, please contact Ashley Vuong for assistance at (949) 824-3406 or email avuong6@uci.edu

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812).

Certified By

DocuSigned by:

 A5C03A9D5EAD46F...

Griselda Duran
Manager, Contracts & Grants Accounting

March 2024 UCI activities

Task 2 Activities:

- Monthly refarm meeting
- Task coordination and communication among staff and Land IQ
- Admin and budget management & coordination
- Meeting and discussion of wind/water variables to collect in 2024 season
- Prep for field trip including datasheets and maps
- Field trips to all reference sites to collect additional data on wind velocity, environmental factors affecting wind, and vegetation composition
- Reading through Task 2 report feedback, reanalyzing data

Task 3 Activities:

- Monthly refarm meeting
- Task coordination and communication among staff and Land IQ
- Admin and budget management & coordination
- Meeting/discussion of field plan for March fieldwork and scheduling
- Field survey of sites for future seed collection
- Discuss seed collection and cleaning approaches
- Field trip to look at plant stages and seed collecting potential
- Collected additional seed of two annuals

Task 4 Activities:

- Meet regarding state and transition models
- Reviewing notes and lit review for state and transition models

SUMMARY OF LABOR PER HOUR

Individual	March 2024			GAEI
	Time (h)	Salary Total	Rate (h)	
Post-Doctoral Researcher 1 (Fiore)*	36.69	\$ 1,216.83	\$ 33.17	\$ 12.29
Post-Doctoral Researcher 2 (Brigham)*	36.69	\$ 1,216.83	\$ 33.17	\$ 12.29
Research Associate 1 (Rood)**	47.73	\$ 1,963.89	\$ 41.16	\$ 19.83
Research Associate 3 (Perea-Vega)*	35.72	\$ 1,107.35	\$ 31.00	\$ 11.18
Senior Scientist 2 (Lulow)*	9.10	\$ 530.51	\$ 58.30	\$ 5.36
*monthly rate divided by working hours per month			\$ 6,035.41	\$ 60.95

Certificate Of Completion

Envelope Id: 6D010BD2100D4188AC7717059A6D3C24

Status: Completed

Subject: Complete with DocuSign: 23462273_58786_LAND IQ_MARCH 2024 INVOICE.pdf

Source Envelope:

Document Pages: 3

Signatures: 1

Envelope Originator:

Certificate Pages: 1

Initials: 0

Ashley Vuong

AutoNav: Enabled

415 Aldrich Hall

EnvelopeD Stamping: Enabled

Irvine, CA 92697-1025

Time Zone: (UTC-08:00) Pacific Time (US & Canada)

avuong6@uci.edu

IP Address: 99.48.30.232

Record Tracking

Status: Original

Holder: Ashley Vuong

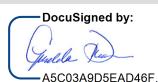
Location: DocuSign

4/18/2024 12:39:59 PM

avuong6@uci.edu

Signer Events**Signature****Timestamp**

Griselda Duran



Sent: 4/18/2024 12:40:28 PM

griseld@uci.edu

Viewed: 4/18/2024 1:52:28 PM

C&G Accounting & Operations Manager

Signed: 4/18/2024 2:14:22 PM

UCI Account

Signature Adoption: Uploaded Signature Image

Security Level: Email, Account Authentication

Using IP Address: 172.90.87.71

(None)

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	4/18/2024 12:40:28 PM
Certified Delivered	Security Checked	4/18/2024 1:52:28 PM
Signing Complete	Security Checked	4/18/2024 2:14:22 PM
Completed	Security Checked	4/18/2024 2:14:22 PM
Payment Events	Status	Timestamps

Contracts and Grants Accounting

228 Aldrich Hall
Irvine, CA 92697-1050

Date: 04/18/2024

Federal Tax ID: 95-2226406

Proposal Number: 105753

UC Fund Number: 58786

Reference:

LAND IQ, LLC
2020 L STREET, SUITE 210
SACRAMENTO, CA 95811

Please Include Invoice Number with Check or Wire Payment

Award Number: 225754
Project Title: Concept Feasibility Plan for Rehabilitation of Fallowed Irrigated Agricultural Land in the Borrego Valley Groundwater Basin
Principal Investigator: Lulow, Megan
Project Period: 01/02/2023 to 03/31/2025

Billing Period: 03/01/2024 to 03/31/2024

Expense Category	Cumulative To Date	Previously Billed	Current Expenses
Salaries and Wages	\$89,041.18	\$83,005.77	\$6,035.41
Fringe Benefits	\$31,370.87	\$29,231.64	\$2,139.23
Supplies and Materials	\$10,992.06	\$10,042.18	\$949.88
Equipment	\$0.00	\$0.00	\$0.00
Travel	\$0.00	\$0.00	\$0.00
Other Direct Costs	\$1,590.55	\$1,529.60	\$60.95
Subawards	\$0.00	\$0.00	\$0.00
	<hr/> \$132,994.66	<hr/> \$123,809.19	<hr/> \$9,185.47
Indirect Costs (0%)	\$0.00	\$0.00	\$0.00
	<hr/> \$132,994.66	<hr/> \$123,809.19	<hr/> \$9,185.47
Current Invoice Total			\$9,185.47

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By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812).

Certified By



Griselda Duran
Manager, Contracts & Grants Accounting

KFS Account Transactions - Income and Expense Report

FS0100-Detail General Ledger

Fiscal Year: 2024 Period(s) Selected: 09 - MAR. 2024

 Run Date/Time: 04/17/2024 3:28:22 PM
 Page #: 1 of 2
 Run by: Daniel S Nguyen

 Chart: IR
 Org: 6191
 Org Title: OFFICE OF UCI-NATURE
 Account: PC15547
 Account Name: 486369-58786 UCI-Nature/LAND IQ

 Control Account - UC Account: UC58786 - 486369
 Agency Name: LAND IQ, LLC
 Fiscal Officer: Daniel S Nguyen
 Account Manager: Sinqui Musto
 Project Director: Megan E Lulow

 Sub Fund Grp Type: Private Contracts-Restricted
 Award #: -
 Award Begin Date: 01/03/2023
 Award End Date: 03/31/2025
 ICR Rate: 0.00%

GEC Doc#	Period	Object Type	Object Level	Object Code	Doc Type	Origin	Doc No	Description	Post Date	Ledger Entry ID	Org Doc No	Project	OrgRefID	Doc Ref No	Budget	Actuals	Encumbrances
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Account - PC15547

Consolidation - SWG2

09	EX	SWGN	1200	IBI	UP	20240302	BI-WEEKLY Check Date 03/13/2024	03/13/24	144480761	-	-	-	-	\$0.00	\$571.64	\$0.00
09	EX	SWGN	1200	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	04/01/24	145315270	-	-	-	-	\$0.00	\$1,392.25	\$0.00
09	EX	SWGN	1211	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	03/26/24	145163914	-	-	-	-	\$0.00	(\$1,107.35)	\$0.00
09	EX	SWGN	1211	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	04/01/24	145315271	-	-	-	-	\$0.00	\$4,071.52	\$0.00

Consolidation Summary - SWG2 for period 09

\$6,035.41

Consolidation - BENF

09	EX	BENE	1627	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	03/26/24	145163912	-	-	-	-	\$0.00	(\$83.05)	\$0.00
09	EX	BENE	1627	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	04/01/24	145315272	-	-	-	-	\$0.00	\$227.26	\$0.00
09	EX	BENE	1678	IBI	UP	20240302	BI-WEEKLY Check Date 03/13/2024	03/13/24	144480762	-	-	-	-	\$0.00	\$3.89	\$0.00
09	EX	BENE	1678	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	04/01/24	145315273	-	-	-	-	\$0.00	\$13.08	\$0.00
09	EX	BENE	1685	IBI	UP	20240302	BI-WEEKLY Check Date 03/13/2024	03/13/24	144480763	-	-	-	-	\$0.00	\$11.43	\$0.00
09	EX	BENE	1685	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	03/26/24	145163913	-	-	-	-	\$0.00	(\$514.92)	\$0.00
09	EX	BENE	1685	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	04/01/24	145315274	-	-	-	-	\$0.00	\$1,883.57	\$0.00

Consolidation Summary - BENF for period 09

\$1,541.26

Consolidation - SUPL

09	EX	SUPP	8135	PCDO	01	22993890	Trampoline Stakes	03/12/24	144416702	-	-	-	-	\$0.00	\$758.08	\$0.00
09	EX	SUPP	8135	PCDO	01	23026151	Kestrel 1000 Pocket Wind Meter	03/18/24	144695450	-	-	-	-	\$0.00	\$191.80	\$0.00
09	EX	SUPP	8135	PO	01	22915794	FRYREAR, KENNETH	03/01/24	143892837	-	-	-	439068	\$0.00	\$0.00	\$14,060.00

Consolidation Summary - SUPL for period 09

\$14,060.00

Consolidation - GENX

09	EX	MFSH	4200	PO	04	22915794	FRYREAR, KENNETH	03/01/24	143892837	-	-	-	439068	\$0.00	\$0.00	\$300.00
09	EX	SRVC	7065	IBI	UP		BI-WEEKLY Check Date	03/13/24	144480764	-	-	-	-	\$0.00	\$5.77	\$0.00

KFS Account Transactions - Income and Expense Report

FS0100-Detail General Ledger

Fiscal Year: 2024 Period(s) Selected: 09 - MAR. 2024

Run Date/Time: 04/17/2024 3:28:22 PM
 Page #: 2 of 2
 Run by: Daniel S Nguyen

GEC Doc#	Period	Object Type	Object Level	Object Code	Doc Type	Origin	Doc No	Description	Post Date	Ledger Entry ID	Org Doc No	Project	OrgRefID	Doc Ref No	Budget	Actuals	Encumbrances
							20240302	03/13/2024									
09	EX	SRVC	7065	IBI	UP		20240334	MONTHLY Check Date 04/01/2024	03/26/24	145163914	-	-	-	-	\$0.00	(\$11.18)	\$0.00
09	EX	SRVC	7065	IBI	UP		20240331	MONTHLY Check Date 04/01/2024	04/01/24	145315275	-	-	-	-	\$0.00	\$55.18	\$0.00
Consolidation Summary - GENX for period 09															\$0.00	\$60.95	\$49.77
Total Expense for period 09															\$0.00	\$7,468.97	\$14,360.00
\$9,185.47																	

Monthly Check Date with strikethrough (\$1,716.50) reflect adjustment for Moises Perea-Vega time beginning March 2024. Values removed balance with expenses posted to February 2024 ledger that were removed internally.

UCPath Salaries by Fund Report

Fiscal Year: 2024 Period(s) Selected: 9 - March

 Run Date/Time: 04/17/2024
 Page #: 1 of 2

Control Account: IR - UC58786 LAND IQ 225754 LULOW G0 CR 3/25

Accounting Date	KFS Org	UC Account	UC Fund	KFS Consolidation Code	KFS Object Code	KFS Project	Line Description	KFS Account	Employee ID	Employee Name	Job Code	Job Code Description	Pay End Date	UC Earn End Date	Earn Code	FTE	Comp Frequency	Comp Rate	FTE Comp Rate	Percent Total Pay	Hours	Salary Amount	Fringe Amount
03/31/2024	6191	486369	58786	SWG2	1200			PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	03/31/2024	03/31/2024	REG	0.6	M	4,205.00	7,008.33	0.1987	33.37	1,392.25	0.00
03/31/2024	6191	486369	58786	SWG2	1200			PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	03/02/2024	03/02/2024	REG	0.475	H	39.82	39.82	0.3988	14.36	571.64	0.00
03/31/2024	6191	486369	58786	SWG2	1211			PC15547	10283026	Fiore,Nicole M	003252	POSTDOC-EMPLOYEE	03/31/2024	03/31/2024	REG	1	UC_FY	5,572.33	5,572.33	0.2184	36.69	1,216.83	0.00
03/31/2024	6191	486369	58786	SWG2	1211			PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	03/31/2024	03/31/2024	REG	1	UC_FY	9,791.67	9,791.67	0.0542	9.10	530.51	0.00
03/31/2024	6191	486369	58786	SWG2	1211			PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	03/31/2024	03/31/2024	REG	0.5	UC_FY	2,604.17	5,208.33	0.2126	35.72	1,107.35	0.00
03/31/2024	6191	486369	58786	SWG2	1211			PC15547	10569787	Brigham,Laurel Marie	003252	POSTDOC-EMPLOYEE	03/31/2024	03/31/2024	REG	1	UC_FY	5,572.33	5,572.33	0.2184	36.69	1,216.83	0.00
03/20/2024	6191	486369	58786	SWG2	1211			PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	03/31/2024	02/29/2024	REG	0.5	UC_FY	2,604.17	5,208.33	(0.2126)	(35.72)	(1,107.35)	0.00
SWG2 - SALARIES & WAGES GENERAL ASSISTANCE																				130.20	4,928.06	0.00	
03/20/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	03/31/2024	02/29/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	(83.05)
03/31/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	03/31/2024	03/31/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	39.79
03/31/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	03/31/2024	03/31/2024		0.6	M	4,205.00	7,008.33		0.00	0.00	104.42
03/31/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	03/31/2024	03/31/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	83.05
03/31/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	03/31/2024	03/31/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	3.61
03/31/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	03/31/2024	03/31/2024		0.6	M	4,205.00	7,008.33		0.00	0.00	9.47
03/31/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	03/02/2024	03/02/2024		0.475	H	39.82	39.82		0.00	0.00	3.89
03/31/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10283026	Fiore,Nicole M	003252	POSTDOC-EMPLOYEE	03/31/2024	03/31/2024		1	UC_FY	5,572.33	5,572.33		0.00	0.00	237.28
03/31/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	03/31/2024	03/31/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	246.69
03/31/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	03/31/2024	03/31/2024		0.6	M	4,205.00	7,008.33		0.00	0.00	647.40
03/31/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	03/02/2024	03/02/2024		0.475	H	39.82	39.82		0.00	0.00	11.43
03/31/2024	6191	486369	58786	BENF	1685		CBR	PC15547	10327413	Perea-	003320	ASST	03/31/2024	03/31/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	514.92



UCPath Salaries by Fund Report

Fiscal Year: 2024 Period(s) Selected: 9 - March

Run Date/Time: 04/17/2024
Page #: 2 of 2 3:25:39 PM

Accounting Date	KFS Org	UC Account	UC Fund	KFS Consolidation Code	KFS Object Code	KFS Project	Line Description	KFS Account	Employee ID	Employee Name	Job Code	Job Code Description	Pay End Date	UC Earn End Date	Earn Code	FTE	Comp Frequency	Comp Rate	FTE Comp Rate	Percent Total Pay	Hours	Salary Amount	Fringe Amount
							Assessment - Expense			Vega,Moises Raymundo		SPECIALIST											
03/31/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10569787	Brigham,Laurel Marie	003252	POSTDOC-EMPLOYEE	03/31/2024	03/31/2024		1	UC_FY	5,572.33	5,572.33		0.00	0.00	237.28
03/20/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymunde	003320	ASST SPECIALIST	03/31/2024	02/29/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	(514.92)
BENF - BENEFITS																					0.00	0.00	1,541.26
03/20/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymunde	003320	ASST SPECIALIST	03/31/2024	02/29/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	(11.18)
03/31/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10283026	Fiore,Nicole M	003252	POSTDOC-EMPLOYEE	03/31/2024	03/31/2024		1	UC_FY	5,572.33	5,572.33		0.00	0.00	12.29
03/31/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	03/31/2024	03/31/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	5.36
03/31/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	03/31/2024	03/31/2024		0.6	M	4,205.00	7,008.33		0.00	0.00	14.06
03/31/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	03/02/2024	03/02/2024		0.475	H	39.82	39.82		0.00	0.00	5.77
03/31/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	03/31/2024	03/31/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	11.18
03/31/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10569787	Brigham,Laurel Marie	003252	POSTDOC-EMPLOYEE	03/31/2024	03/31/2024		1	UC_FY	5,572.33	5,572.33		0.00	0.00	12.29
GENX - GENERAL EXPENSES																					0.00	0.00	49.77
PC15547 - 486369-58786 UCI-Nature/LAND IQ																					130.20	4,928.06	1,591.03
58786 - LAND IQ 225754 LULOW G0 CR 3/25																					130.20	4,928.06	1,591.03

Description of Services Rendered
Project 940-80-23-08

Grant Component No. 6: Biological Restoration of Fallowed Lands
Water Year 2024 - Invoice Period: March 1, 2024, to March 31, 2024

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 6: Biological Restoration of Fallowed Lands. The work is the Land IQ portion of the total scope of work. The remainder of the scope of work is being performed by West Yost.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 6 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 6 tasks. The work performed in this reporting period included:

TASK 1 - DATA REVIEW.

- No work performed in this reporting period. This task is complete.

TASK 2 - HABITAT FIELD STUDY.

- Internal meetings
- Discussion of wind/water variables to collect in spring 2024 field season
- Development of datasheets and maps for field work
- Field visits to all reference sites to collect additional wind, environmental, and vegetation data
- Reanalysis of data and review of results

TASK 3 - SAND FENCE CASE STUDY.

- Solicited and received two proposal from contractors to construct the Sand Fence Case Study; follow up discussions with landowners and Watermaster staff regarding bids. No contractor selected in March due to budget and contract issues that need to be resolved.
- Field visit to evaluate seed collection potential to support implementation of the study.
- Seed collection from two annual plant species.

TASK 4 - FALLOWING REHAB STRATEGIES.

- Communication and feedback from stakeholders, including landowners, on potential alternative fallowing standard options.
- Discussion of state and transition models and literature review.

Description of Services
940-80-23-08 (WY 2024)
Page 2

TASK 5 - FALLOWING PRIORITIZATION.

- No work performed in this reporting period.

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 6 tasks. The work performed in this reporting period included:

TASK 6 - ENVIRONMENTAL WORKING GROUP MEETINGS.

- No work performed in this reporting period.

Grant Component No. 6: Biological Restoration of Fallowed LandsLand IQ Month YEAR Invoiced by Category and Task ^(a)

Task	Mar-24
<i>Totals</i>	\$10,311.72
Category (a) Component Administration - Category 7	\$562.50
Component Administration	\$562.50
Category (d) Monitoring, Assessment	\$9,749.22
Task 1 - Data Review	\$0.00
Task 2 - Habitat Field Study	\$6,182.41
Task 3 - Sand Fence Case Study	\$2,597.00
Task 4 - Fallowing Rehab Strategies	\$969.81
Task 5 - Fallowing Prioritization	\$0.00
Category (e) Stakeholder Outreach	\$0.00
Task 6 - EWG Meetings	\$0.00

Notes:

(a) Does not include work performed by West Yost



Remit Payment To:
PO Box 2158
Davis, CA 95617

March 31, 2024
Invoice Number: 2057887

Accounts Payable	Client Project:	Work Order No. 6
Borrego Springs Watermaster	WY Project No:	940-80-23-06
c/o West Yost Associates	Contract Amount:	211,584.00
23692 Birtcher Drive	Job Name:	WY 2024 Admin and Technical Services
Lake Forest, CA 92630		

Professional Services from March 1, 2024 to March 31, 2024

Approved July 2, 2024

Previously Billed :	78,132.49
Total This Period :	13,622.25
Total Amount Billed to Date including This Invoice :	91,754.74
Amount Remaining in Contract :	119,829.26

Professional Personnel

	Hours	Rate	Amount
Vice President			
Chung, Greg	.25	348.00	87.00
Drayer, Elizabeth	.25	348.00	87.00
Eng/Scientist/Geologist Manager I			
Adams, Samantha	14.25	329.00	4,688.25
Principal Eng/Scientist/Geologist II			
Malone, Andy	4.00	316.00	1,264.00
Associate Eng/Scientist/Geologist I			
Salberg, Lauren	26.50	221.00	5,856.50
Engineer/Scientist/Geologist I			
Kelty, Clay	.75	178.00	133.50
Administrative IV			
Ehresman, Leah	1.00	157.00	157.00
Administrative III			
Mendoza-Tellez, Maria	9.50	142.00	1,349.00
Totals	56.50		13,622.25
Total Labor			13,622.25
		Total this Invoice	\$13,622.25

Description of Services:

See attached description of services

Project	940-80-23-06	WY 2024 Admin and Technical Services	Invoice	2057887
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Outstanding Invoices

Number	Date	Balance
2056797	12/31/2023	12,374.50
2057638	1/31/2024	17,749.00
2057696	2/29/2024	12,823.50
Total		42,947.00

Please direct questions to:

Project Manager Samantha Adams
Principal Greg Chung



**Description of Services Rendered****Project 940-80-23-06****Watermaster Administrative and Technical Services – Portion of Services not Reimbursable by DWR Prop 68 Grant***Invoice Period: March 1, 2024 to March 31, 2024*

The services billed in this invoice are those Watermaster administrative and technical services that are not reimbursable through the DWR Prop 68 grant.

TASK 1 – MEETINGS AND COURT HEARINGS

The work performed for this task includes preparing for and attending Watermaster Board Meetings and Court Hearings. The work performed in this reporting period included:

BOARD MEETINGS

- Corresponded with Watermaster Board officers and legal counsel throughout the month to coordinate meeting agenda items and other Watermaster activities.
- March 2024 Regular Board Meeting:
 - Prepared meeting minutes from February 2024 Board meeting.
 - Prepared agenda package content. This work included:
 - Organized, compiled, and formatted the public correspondence and consent calendar items.
 - Performed work, including coordination and/or preparation of staff memos or other materials, if needed, to support the following agenda items:
 - WY 2023 Financial Audit
 - WY 2023 Annual Report
 - Use of “best available science”
 - Grant-funded work to address abandoned wells
 - Status update on the Redetermination of the Sustainable Yield
 - April Regular Meeting Agenda
 - Compiled the agenda package and distributed via the stakeholder distribution list and Watermaster website.
 - Prepared PowerPoint Presentation to support the Board meeting discussion.
 - Responded to questions from Board members via email and phone calls regarding the Board package items.
 - Attended the virtual Board meeting on March 14. The meeting was attended by Samantha Adams and Andy Malone.

Description of Services

940-80-23-06

Page 2

- April 2024 Board Meeting Preparation:
 - Prepared punch list of action items for the Board meeting. Created meeting link and coordinated assignments for preparing the package.
- May 2024 Board Meeting Preparation:
 - Requested reservation of the Borrego Springs Library for the In-Person May Board meeting.

COURT HEARINGS

- Discussed Court Hearing to amend the Judgment with Legal Counsel.
- Discussed public participation in status conferences with Legal Counsel.

TASK 2 – WATERMASTER ADMINISTRATION

The Executive Director, with support from staff, will organize, oversee, and/or perform the administrative and management aspects of running the Watermaster and administering the Judgment, Rules and Regulations, and GMP. The work performed in this reporting period included:

PREPARE THE WATERMASTER ANNUAL BUDGET

- No work performed during the reporting period.

INSURANCE, ACCOUNTING, AND FINANCIAL SERVICES

- Prepared February 2024 Financial Report to the Board.
- Processed accounts receivable into QuickBooks.
- Processed accounts payable into QuickBooks.
- Drove to US Bank to deposit checks.
- Cut checks for accounts payable and mailed for signature.
- Communicated with vendors on reporting estimates of billings for inclusion in March monthly financials.
- Supported finalization of the WY 2023 financial Audit.
- Applied for insurance renewal.

RESPOND TO AND TRACK PUBLIC INFORMATION REQUESTS

- Receive, file, and acknowledge/respond to three public correspondence letters.

AS-NEEDED SUPPORT TO THE BPA PARTIES

- Provided general as-requested support to BPA parties throughout the month by performing outreach, responding to emails, and taking phone calls on the following topics:
 - Public assistance with conducting outreach to a Party who has not yet communicated with the Watermaster
 - Accessing Board meeting recordings on the Watermaster's website
 - Addressing outstanding meter read invoices and WY 2024 Pumping Assessment invoices

Description of Services

940-80-23-06

Page 3

AS-NEEDED ADMINISTRATION OF THE TERMS OF THE JUDGMENT, RULES & REGULATIONS, AND GROUNDWATER MANAGEMENT PLAN

- Respond to general public inquiries on the following topics:
 - Purchase of a parcel containing BPA rights
 - Permitting and construction of a new de minimis pumping well
 - Groundwater Management Plan on the Watermaster's website
 - Public notice distribution email list
- Coordinated with Legal Counsel to discuss modifications to Entry Permits for wells added to the Groundwater Monitoring Program to enable confidentiality.

GENERAL ADMINISTRATION AND PROJECT MANAGEMENT TASKS

- Performed monthly project management tasks including budget, schedule, and scope of work progress evaluations.

TASK 3 – TECHNICAL SERVICES

The objective of this task is for the Technical Consulting team to perform the technical services required by the Judgment, Rules and Regulations, and GMP for WY 2023 that are not reimbursable by the DWR Prop 68 Grant. The work performed in this reporting period included:

NON-REIMBURSABLE COSTS FOR GROUNDWATER MONITORING PROGRAM.

- There are no non-grant reimbursable costs in this reporting period.

NON-REIMBURSABLE COSTS FOR ADDRESSING ABANDONED WELLS

- There are no non-grant reimbursable costs in this reporting period.

AS-NEEDED TECHNICAL SUPPORT FOR IMPLEMENTATION OF THE JUDGMENT, RULES AND REGULATIONS, AND GROUNDWATER MANAGEMENT PLAN

- Submitted historical groundwater level data to UCI after obtaining owner's permission (to be reimbursed by UCI).

ADDRESS AD HOC REQUESTS OF TAC FROM THE BOARD

- No work performed during the reporting period.

TASK 4 – ENVIRONMENTAL WORKING GROUP

The objective of this task is to support the activities of the EWG in WY 2024 that are not part of the DWR Prop 68 Grant.

EWG MEETINGS.

- No work performed during the reporting period.

TASK 5 - STAFF SERVICES BILLED TO WATERMASTER RELATED TO MANUAL-READ METERS

The objective of this task is to coordinate the monitoring and collection of meter data from the parties with manual-read meters. This work is reimbursed by only those Parties with manual-read meters. The work performed in this reporting period included:

- Followed-up with parties with manual read meters who had not yet sent February self-reporting of meter reads.

Description of Services

940-80-23-06

Page 4

- Sent email reminders to BWD to perform official meter read in March 2024.



Remit Payment To:
PO Box 2158
Davis, CA 95617

March 31, 2024
Invoice Number: 2057889

Accounts Payable Borrego Springs Watermaster c/o West Yost Associates 23692 Birtcher Drive Lake Forest, CA 92630	Client Project: WY Project No: Contract Amount: Job Name:	Work Order No. 6 940-80-23-07 893,098.00 WY 2024 Component 7: Monitoring Reporting, and GMP Update
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Professional Services from March 1, 2024 to March 31, 2024

Approved July 2, 2024

Previously Billed :	272,189.78
Total This Period :	33,872.75
Total Amount Billed to Date including This Invoice :	306,062.53
Amount Remaining in Contract :	587,035.47

Professional Personnel

	Hours	Rate	Amount
Eng/Scientist/Geologist Manager I Adams, Samantha	6.25	329.00	2,056.25
Principal Eng/Scientist/Geologist II Chiang, Eric	1.00	316.00	316.00
Malone, Andy	21.50	316.00	6,794.00
Associate Eng/Scientist/Geologist I Salberg, Lauren	77.50	221.00	17,127.50
Engineer/Scientist/Geologist I Kelty, Clay	40.50	178.00	7,209.00
Administrative II Hanna-Pickering, Alissa	2.25	118.00	265.50
Technical Specialist II Jones, Amanda	.50	209.00	104.50
Totals	149.50		33,872.75
Total Labor			33,872.75
		Total this Invoice	\$33,872.75

Description of Services:

See attached description of services

Project	940-80-23-07	Comp 7 Monitoring Reporting & GMP Update	Invoice	2057889
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Outstanding Invoices

Number	Date	Balance
2056798	12/31/2023	47,204.00
2057639	1/31/2024	60,274.75
2057697	2/29/2024	34,663.75
Total		142,142.50

Please direct questions to:

Project Manager Samantha Adams
Principal Greg Chung



Grant Component No. 7: Monitoring, Reporting, and Groundwater Management Planning
West Yost - March 2024 Invoiced by Category and Task

Category and Task	Mar-24
<i>Total Invoice</i>	\$33,872.75
Category (a) Component Administration	\$1,599.75
Component Administration	\$1,599.75
Category (b) Planning, Design, Environmental	\$0.00
Task 1: Envionmental Documentation/Permitting	\$0.00
Task 2: Design Plans and Specifications (SW Station)	\$0.00
Category (c) Construction, Implementation	\$2,795.50
Task 5: Identify and Address Improperly Abandoned Wells	\$2,795.50
Category (d) Monitoring, Assessment	\$26,327.25
Task 6: Groundwater Pumping Monitoring - Annual Meter Verification	\$439.50
Task 6: Groundwater Pumping Monitoring - Monthly Meter Reading	\$2,331.25
Task 7 & 8 Groundwater Level and Quality Monitoring Program - Semi Annual Monitoring Events	\$2,631.75
Task 10 Maintain and Enhance Data Management System	\$1,320.00
Task 11 Annual Water Rights Accounting (Pumping Report)	\$0.00
Task 11 Annual Report to the Court and DWR	\$2,032.25
Task 12 Redetermination of the Sustainable Yield by 2025	\$17,572.50
Task 13 Prepare the 2025 GMP Update	\$0.00
Category (e) Stakeholder Outreach	\$3,150.25
Task 14 Outreach - Board Meetings on Grant Implementation	\$0.00
Task 14 Outreach - Technical Advisory Committee Working Meetings	\$3,150.25
Task 14 Outreach - Stakeholder Open House	\$0.00
Task 14 Outreach - Maintain Website and Grant Communications	\$0.00

**Description of Services Rendered****Project 940-80-23-07****Grant Component No. 7: Monitoring, Reporting, and
Groundwater Management Planning***Water Year 2024 - Invoice Period: March 1, 2024 to March 31, 2024*

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 7: Monitoring, Reporting, and Groundwater Management Planning.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 7 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress for WY 2024 tasks as of the end of February 2024.
- Updated budget status table.
- Requested and reviewed insurance of a potential subcontractor for monitoring well conversion services (Well Tec).
- Prepared summary of the payment status and total amount requested from the first four grant reimbursement requests.

CATEGORY (C) CONSTRUCTION, IMPLEMENTATION. The work performed for this task includes the construction and implementation portion of the Component 7 tasks. Component 7 includes one construction and implementation task – implementation of the surface water monitoring station at Coyote Creek. The work performed during the invoice period includes:

ADDRESS ABANDONED WELLS (CONVERSION OR ABANDON)

- Assessed potential to convert an inactive well to a monitoring well.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 7 tasks. The work performed in this reporting period included:

GROUNDWATER PUMPING MONITORING - ANNUAL METER VERIFICATION

- Communicated with Parties to complete testing if results were not received.
- Communicated with meter verification vendors to schedule Parties missing testing results.
- Updated meter test results tracking sheet to document meter test outcomes from newly received test results and assessed compliance with accuracy standards.

Description of Services
940-80-23-07 (WY 2024)
Page 2

GROUNDWATER PUMPING MONITORING - MONTHLY COLLECTION AND PROCESSING OF METER READ DATA

NOTE: THIS TASK DOES NOT INCLUDE WORK TO COORDINATE OR PERFORM METER READING SERVICES AT MANUAL-READ METERS – THAT WORK IS PAID FOR BY THE PUMPERS WITH MANUAL-READ METERS.

- Cataloged and processed February 2024 monthly meter reads.
- Communicated with Parties on questions regarding telemetry meter read values and the need to replace batteries to fix telemetry issues.
- Communicated with McCrometer Meters regarding issues with telemetry systems not reporting meter read data to the data portal.
- Calculated February 2024 pumping by well.
- Performed QA/QC of February 2024 pumping data.

GROUNDWATER LEVEL AND QUALITY MONITORING PROGRAM - SEMIANNUAL MONITORING EVENTS

- Continued preparation for the Spring 2024 monitoring event:
 - Reviewing and confirming schedule of wells to monitor for groundwater level and quality
 - Updating field forms to conform to the standards included in the updated Groundwater Monitoring Program
 - Confirming laboratory bottle orders
- Continued preparation of entry agreements for owners of wells newly participating in the groundwater monitoring program.
- Communicated with well owners to modify and execute entry agreements.
- Communicated with well owner to discuss participation in the groundwater monitoring program and which wells to sample for groundwater level vs. groundwater quality.
- Corresponded with County of San Diego staff regarding monitoring of a County-owned well.

COOPERATOR DATA COLLECTION, DATA MANAGEMENT, AND REPORTING DATA TO DWR PORTALS

- Submitted the final Annual Report to the DWR via the SGMA Monitoring Network Module (MNM) portal.
- Reviewed DWR's Well Completion Report tool to identify well completion reports and/or well construction information for wells missing construction information in the DMS. Added construction information and well logs to DMS.

ANNUAL WATER RIGHTS ACCOUNTING (PUMPING REPORT)

- No work performed in this reporting period.

ANNUAL REPORT TO THE COURT AND DWR

- Following approval of the WY 2023 Annual Report by the Board, finalized the report document (removing watermarks, implementing minor changes requested by the Board, etc.), posted it to the Watermaster website, and sent notice to distribution list.
- Delivered report to RWG for submittal to the Court in compliance with the Judgment.

Description of Services
940-80-23-07 (WY 2024)
Page 3

REDETERMINATION OF THE SUSTAINABLE YIELD OF THE BORREGO SPRINGS SUBBASIN

- Continued work on Task 4 – *Model Recalibration*, including:
 - Developed calibration approach.
 - Continued performing a literature review of historical irrigation practices to develop and constrain historical On-Farm Efficiencies (OFE) values.
 - Conducted phone calls with farmers in Borrego Springs to discuss historical irrigation practices in the Basin to support the selection of historical OFE values to use in the Borrego Valley Hydrologic Model (BVHM).
 - Prepared technical memorandum, including supporting figures and tables, on the literature review and proposed OFE values and ranges to use in the BVHM.
 - Updated well construction information for calibration wells (depth and screened intervals) based on information found on DWR's Well Completion Report tool and NWIS.
 - Began developing script to post-process model-estimated pumping for wells in the MNW2 package.
 - Prepared summary materials on the initial steps to perform Task 4 – *Model Recalibration* and distributed to the TAC for review. The materials included:
 - A table of the historical water budget for the Basin that was generated from running the version of the BVHM to be calibrated (“BVHM prior to calibration”) over the period 1945-2022.
 - A table comparing the water budgets generated from this BVHM version to prior versions, including the versions generated in Task 1, Task 2, and Task 3 of the approved scope-of-work.
 - The recommended estimates of historical OFE to use during model recalibration.
 - A map of the wells selected to use during calibration and time-series charts of the groundwater-elevation data from these wells that will serve as calibration targets.
 - Figures and tables identifying the pilot points and initial model parameters for model recalibration.
- Communicated with TAC member to address comments on the summary materials distributed to the TAC on the initial steps to perform Task 4 – *Model Recalibration*.

PREPARE THE 2025 GROUNDWATER MANAGEMENT PLAN UPDATE

- No work performed in this reporting period.

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 7 tasks. The work performed in this reporting period included:

TECHNICAL ADVISORY COMMITTEE MEETINGS

- Met with Dr. Russell Detwiler, a new TAC representative, to provide an overview of TAC activities and current efforts.

Description of Services

940-80-23-07 (WY 2024)

Page 4

- Coordinated with TAC members to schedule Ad-Hoc TAC meeting.
- Prepared Ad-Hoc TAC meeting agenda and distribute to the TAC via email.
- Noticed Ad-Hoc TAC meeting to the public distribution list.
- Prepared detailed PowerPoint Presentation to support the Ad-Hoc TAC meeting.
- Conducted Ad-Hoc TAC working meeting on March 29, 2024. The meeting attendees were Andy Malone, Samantha Adams, and Lauren Salberg.
- Posted final PowerPoint Presentation and recording of the March 29, 2024 Ad-Hoc TAC meeting to the Watermaster website.
- Prepared and sent a report-out of the Ad-Hoc TAC meeting to the TAC via email. The report-out provided a summary of the meeting discussion and posed questions to gauge TAC consensus on the methods for conducting *Task 4 – Model Recalibration*.

STAKEHOLDER OPEN HOUSE

- No work performed in this reporting period.

MAINTAIN WEBSITE AND GRANT COMMUNICATIONS

- No work performed in this reporting period.



Remit Payment To:
PO Box 2158
Davis, CA 95617

March 31, 2024

Invoice Number:

2057890

Accounts Payable	Client Project:	Work Order No. 6
Borrego Springs Watermaster	WY Project No:	940-80-23-08
c/o West Yost Associates	Contract Amount:	18,106.00
23692 Birtcher Drive	Job Name:	WY 2024 Component 6: Biological Restoration of Fallowed Lands
Lake Forest, CA 92630		

Professional Services from March 1, 2024 to March 31, 2024

Approved July 2, 2024

Previously Billed :	5,641.25
Total This Period :	497.25
Total Amount Billed to Date including This Invoice :	6,138.50
Amount Remaining in Contract :	11,967.50

Professional Personnel

	Hours	Rate	Amount
Associate Eng/Scientist/Geologist I			
Salberg, Lauren	2.25	221.00	497.25
Totals	2.25		497.25
Total Labor			497.25
		Total this Invoice	\$497.25

Description of Services:

See attached description of services

Outstanding Invoices

Number	Date	Balance
2056799	12/31/2023	1,016.00
2057003	1/31/2024	1,390.00
2057698	2/29/2024	1,206.25
Total		3,612.25

Please direct questions to:

Project Manager Andy Malone
Principal Greg Chung

A handwritten signature in blue ink that reads 'GCG'.

Grant Component No. 6: Biological Restoration of Fallowed Lands - WY 2024^(a)

West Yost - March 2024 Invoiced by Category and Task

Task	Mar-24
<i>Totals</i>	\$497.25
Category (a) Component Administration - Category 6	\$497.25
Component Administration	\$497.25
Category (d) Monitoring, Assessment	\$0.00
Task 1 - Data Review	\$0.00
Task 2 - Habitat Field Study	\$0.00
Task 3 - Sand Fence Case Study	\$0.00
Task 4 - Fallowing Rehab Strategies	\$0.00
Task 5 - Fallowing Prioritization	\$0.00
Category (e) Stakeholder Outreach	\$0.00
Task 6 - EWG Meetings	\$0.00

Notes:

(a) Does not include work performed by Land IQ



Description of Services Rendered

Project 940-80-23-08

Grant Component No. 6: Biological Restoration of Fallowed Lands
Water Year 2024 - Invoice Period: March 1, 2024 to March 31, 2024

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 6: Biological Restoration of Fallowed Lands. The work is the West Yost portion of the total scope of work. The remainder of the scope of work is being performed by Land IQ and its subconsultant UCI.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 6 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress.
- Updated budget status table.
- Communicated Board-requested changes to Land IQ and UCI monthly invoices.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 6 tasks. The work performed in this reporting period included:

TASK 1 - DATA REVIEW.

- No work performed in this reporting period.

TASK 2 - HABITAT FIELD STUDY.

- No work performed in this reporting period.

TASK 3 - SAND FENCE CASE STUDY.

- No work performed in this reporting period.

TASK 4 - FALLOWING REHAB STRATEGIES.

- No work performed in this reporting period.

TASK 5 - FALLOWING PRIORITIZATION.

- No work performed in this reporting period.

Description of Services
940-80-23-08 (WY 2024)
Page 2

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 6 tasks. The work performed in this reporting period included:

TASK 6 - ENVIRONMENTAL WORKING GROUP MEETINGS.

- No work performed in this reporting period.



James L. Markman

T 714.990.0901
F 714.990.6230
E jmarkman@rwglaw.com

1 Civic Center Circle, PO Box 1059
Brea, California 92822-1059
rwglaw.com

MEMORANDUM

[Approved July 2, 2024](#)

TO: Samantha Adams
Maria Mendoza-Tellez
Lauren Salberg
Leah Ehresman

FROM: James L. Markman

DATE: May 17, 2024

SUBJECT: RWG Invoices -for services rendered through April, 2024

Per your request, below please find the summary of the attached invoice.

The invoice for April services is substantially higher than usual due to the amount of services rendered, totaling over 45 hours. This is due to the confluence of many items of service requiring attention during the month, including processing a Court status conference, including the preparation of a joint status conference statement, discussing the process of dealing with DWR in achieving alternate plan status, concluding work on a statement of policy on accounting for Carryover rights of producers, and working on the evolution of a policy dealing with the Watermaster use of "the best available science".

13056-0001\2742368v11.doc



T 213.626.8484
 F 213.626.0078
 Fed. I.D. No. 95-3292015

350 South Grand Avenue
 37th Floor
 Los Angeles, CA 90071

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BORREGO SPRINGS WATERMASTER
 C/O SAMANTHA ADAMS, EXECUTIVE DIRECTOR
 WEST YOST
 23692 BIRTCHER DRIVE
 LAKE FOREST, CA 92630

Invoice Date: May 16, 2024
 Invoice Number: 247810
 Matter Number: 13056-0001

Re: 13056-0001 GENERAL LEGAL SERVICES

For professional services rendered through April 30, 2024

Time Detail

Date	Initials	Description	Hours
04/02/24	JLM	TELEPHONE CALL TO MR. FLOWER ON RIGHT OF ENTRY AGREEMENTS	0.30
04/02/24	SLF	E-MAIL FROM MR. MARKMAN REGARDING MONITORING CONTRACTS	0.40
04/03/24	JLM	REVIEW MODIFIED RIGHT OF ENTRY AGREEMENT	1.30
04/03/24	SLF	TELECONFERENCE WITH MR. MARKMAN REGARDING WELL MONITORING CONTRACTS; EXCHANGE E-MAILS WITH MR. MARKMAN, MS. SALBERG, AND MS. ADAMS REGARDING THE SAME	0.60
04/03/24	JCM	REVIEW COURT DEADLINES TO FILE JOINT STATUS CONFERENCE AND TO CIRCULATE DRAFT STATEMENT TO PARTIES; E-MAIL WITH MR. MARKMAN AND MR. FLOWER REGARDING SAME; E-MAIL WITH MS. SALBERG, MR. MARKMAN, AND MR. FLOWER REGARDING REVISED ENTRY PERMIT'S CONSISTENCY WITH JUDGMENT	0.30
04/04/24	JLM	E-MAILS ON MEETING WITH DWR ON ALTERNATE PLAN; REVIEW REQUIREMENT FOR DE MINIMUS STATUS; WORK ON RIGHT OF ENTRY AGREEMENTS; TELEPHONE CALL TO MS. ADAMS ON BEST AVAILABLE SCIENCE ISSUE	3.00

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<u>Date</u>	<u>Initials</u>	<u>Description</u>	<u>Hours</u>
04/04/24	SLF	TELECONFERENCE WITH MR. MARKMAN REGARDING WELL MONITORING AGREEMENTS AND BEST AVAILABLE SCIENCE POLICY	1.10
04/04/24	SLF	WORK ON BEST AVAILABLE SCIENCE POLICY	2.50
04/04/24	SLF	E-MAILS FROM MS. ADAMS AND MS. STAPLES REGARDING DWR UPDATE	0.20
04/04/24	SLF	E-MAIL FROM MS. SALBERG REGARDING WELL MONITORING AGREEMENTS	0.10
04/04/24	JCM	REVIEW WATERMASTER ENTRY AGREEMENTS AND E-MAIL FROM MS. SALBERG REGARDING REVISIONS TO WATERMASTER'S ENTRY AGREEMENTS AND WATER DISTRICT'S REQUEST TO USE STANDARD ENTRY AGREEMENTS IN JUDGMENT	0.20
04/05/24	JLM	E-MAILS ON DWR PROCESS; REVIEW E-MAILS ON STATUS CONFERENCE STATEMENT	0.40
04/05/24	SLF	E-MAILS FROM MS. ADAMS, MR. MARKMAN, MR. ANDERSON, MS. STAPLES, AND MR. DUNCAN REGARDING GMP AND JUDGMENT REVIEW	0.20
04/05/24	SLF	WORK ON REVISIONS TO BEST AVAILABLE SCIENCE POLICY; RESEARCH REGARDING SAME; E-MAIL TO MR. MARKMAN REGARDING SAME	3.70
04/08/24	JLM	DRAFT STATUS CONFERENCE STATEMENT; WORK ON BEST AVAILABLE SCIENCE POLICY	1.80
04/08/24	SLF	TELECONFERENCE WITH MR. MARKMAN REGARDING BEST AVAILABLE SCIENCE POLICY; REVISE POLICY; E-MAIL TO MR. METZ REGARDING SAME	0.70
04/08/24	SLF	REVISE POLICY REGARDING BEST AVAILABLE SCIENCE; EXCHANGE E-MAILS WITH MR. METZ REGARDING SAME	1.90
04/08/24	JCM	REVIEW AND REVISE BORREGO SPRINGS WATERMASTER'S POLICY REGARDING THE USE OF BEST AVAILABLE SCIENCE; REVIEW JUDGMENT, RULES AND REGULATIONS IN CONNECTION WITH REVISING POLICY	1.50
04/09/24	JLM	WORK ON BEST AVAILABLE SCIENCE POLICY INCLUDING CONFERENCES WITH MS. ADAMS	1.30
04/09/24	SLF	E-MAIL FROM MR. MARKMAN REGARDING BEST AVAILABLE SCIENCE POLICY; E-MAIL FROM MS. ADAMS REGARDING SAME; REVISE POLICY; E-MAIL TO MR. ADAMS REGARDING SAME; TELECONFERENCE WITH MR. MARKMAN REGARDING SAME	1.30
04/09/24	SLF	TELECONFERENCE WITH MR. MARKMAN AND MS. ADAMS REGARDING BEST AVAILABLE SCIENCE POLICY; REVISE	1.70

Client: BORREGO SPRINGS WATERMASTER
 Matter: GENERAL LEGAL SERVICES

Invoice Date:
 Invoice Number:
 Matter Number:

May 16, 2024
 247810
 13056-0001

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<u>Date</u>	<u>Initials</u>	<u>Description</u>	<u>Hours</u>
		POLICY; EXCHANGE E-MAILS WITH MS. ADAMS REGARDING SAME	
04/09/24	JCM	REVIEW AND REVISE JOINT STATUS CONFERENCE STATEMENT OF BORREGO SPRINGS WATERMASTER IN ADVANCE OF APRIL 25, 2024 STATUS CONFERENCE; E-MAIL WITH MR. MARKMAN REGARDING SAME	1.40
04/10/24	JCM	CIRCULATE JOINT STATUS CONFERENCE STATEMENT TO PARTIES IN ADVANCE OF APRIL 25, 2024 STATUS CONFERENCE	0.20
04/16/24	JLM	TELEPHONE CALLS ON AGENDA FORMAT; REVIEW STAPLES' COMMENTS ON STATUS CONFERENCE REPORTS; TELEPHONE CALLS TO MR. SMITH AND MS. ADAMS ON AGENDA TITLES	1.50
04/16/24	JCM	REVIEW AAWARE'S EDITS AND COMMENTS FROM MS. STAPLES ON JOINT STATUS CONFERENCE STATEMENT; REVISE JOINT STATUS CONFERENCE STATEMENT; E-MAIL WITH MS. STAPLES AND PARTIES REGARDING REVISED JOINT STATUS CONFERENCE STATEMENT; CONFERENCE WITH MR. MARKMAN REGARDING SAME; UPDATE SERVICE LIST BASED ON PARTY E-MAILS	0.60
04/17/24	JLM	REVIEW STATUS REPORT CHANGES; E-MAILS ON AGENDA FORMAT; REVIEW BWD COMMENTS ON BEST AVAILABLE SCIENCE POLICY	1.10
04/17/24	JCM	REVIEW EDITS AND COMMENTS FROM MR. MCGLOTHLIN ON JOINT STATUS CONFERENCE STATEMENT; REVISE JOINT STATUS CONFERENCE STATEMENT; E-MAIL FROM MR. MARKMAN AND MR. ANDERSON REGARDING SAME	0.40
04/17/24	SLF	REVIEW WATERMASTER BOARD MEETING AGENDA PACKET; E-MAIL FROM MS. ADAMS REGARDING ALTERNATIVE LANGUAGE FOR AGENDA; TELECONFERENCE WITH MR. MARKMAN REGARDING SAME	0.90
04/18/24	JLM	TELEPHONE CALLS ON AGENDA ITEMS; REVIEW DOLJANIAN FILING; ATTEND BOARD MEETING	5.10
04/18/24	JCM	FINALIZE, FILE AND SERVE JOINT STATUS CONFERENCE STATEMENT REGARDING STATUS OF WATERMASTER ACTIVITIES TO ENFORCE THE JUDGMENT; CONFERENCE WITH MR. MARKMAN REGARDING SAME; REVIEW DEFENDANT MR. DOLJANIN'S OBJECTIONS TO T2 PALMS APPLICATION FOR INTERVENTION AND OPPOSITION TO WATERMASTER'S MOTION TO TRANSFER WATER RIGHTS FILED ON APRIL 17, 2024	1.80
04/18/24	SLF	REVIEW REVISED AGENDA PACKET AND CORRESPONDENCE	0.40
04/18/24	SLF	REMOTE ATTENDANCE OF WATERMASTER BOARD MEETING	0.60

Item III.D.i**Page 63 of 158**Client: BORREGO SPRINGS WATERMASTER
Matter: GENERAL LEGAL SERVICESInvoice Date:
Invoice Number:
Matter Number:May 16, 2024
247810
13056-0001**CONFIDENTIAL**

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<u>Date</u>	<u>Initials</u>	<u>Description</u>	<u>Hours</u>
04/19/24	BTK	REVIEW FINALIZED JOINT STATUS CONFERENCE STATEMENT OF BORREGO SPRINGS WATERMASTER IN ADVANCE OF 4-25-24 STATUS CONFERENCE	0.10
04/23/24	JLM	PREPARE FOR COURT APPEARANCE STATUS CONFERENCE	0.30
04/23/24	JCM	CONFERENCE WITH MR. MARKMAN REGARDING PREPARATION FOR STATUS CONFERENCE HEARING	0.20
04/24/24	JLM	EDIT POLICY ON BEST AVAILABLE SCIENCE	1.20
04/24/24	JCM	PREPARE FOR STATUS CONFERENCE HEARING; REVIEW JOINT STATUS CONFERENCE STATEMENT; E-MAIL WITH MR. MARKMAN REGARDING SAME	0.70
04/25/24	JLM	COURT APPEARANCE FOR STATUS CONFERENCE; WORK ON BEST SCIENCE AND CARRYOVER POLICIES	2.10
04/25/24	BTK	REVIEW NOTICE OF 8-22-24 STATUS CONFERENCE	0.10
04/25/24	JCM	APPEAR FOR STATUS CONFERENCE HEARING; PREPARE FOR STATUS CONFERENCE HEARING; DRAFT, FILE AND SERVE NOTICE OF ENTRY OF ORDER REGARDING STATUS CONFERENCE	1.20
04/25/24	SLF	E-MAIL FROM MS. ADAMS REGARDING REVISIONS TO BEST AVAILABLE SCIENCE POLICY	0.20
04/26/24	JLM	WORK ON CARRYOVER POLICY	0.80
Total			45.40

Timekeeper Summary

<u>Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
B. TILDEN KIM	0.20	350.00	70.00
JACOB C. METZ	8.50	275.00	2,337.50
JAMES L. MARKMAN	20.20	400.00	8,080.00
STEVEN L. FLOWER	16.50	350.00	5,775.00
Total	45.40		\$16,262.50

Item III.D.i

Client: BORREGO SPRINGS WATERMASTER
Matter: GENERAL LEGAL SERVICES

Invoice Date:
Invoice Number:
Matter Number:

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May 16, 2024
247810
13056-0001

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Cost Detail

<u>Date</u>	<u>Description</u>	<u>Amount</u>
04/18/24	FIRST LEGAL NETWORK, LLC - ATTORNEY SERVICE - FILING/OCSC-SANTA ANA 3/25/24	34.25
Total		\$34.25

Item III.D.i

Client: BORREGO SPRINGS WATERMASTER
Matter: GENERAL LEGAL SERVICES

Invoice Date:
Invoice Number:
Matter Number:

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May 16, 2024
247810
13056-0001

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Current Legal Fees.....\$16,262.50
Current Client Costs Advanced.....\$34.25

Total Current Fees and Costs.....\$16,296.75



T 213.626.8484
F 213.626.0078
Fed. I.D. No. 95-3292015

350 South Grand Avenue
37th Floor
Los Angeles, CA 90071

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BORREGO SPRINGS WATERMASTER
C/O SAMANTHA ADAMS, EXECUTIVE DIRECTOR
WEST YOST
23692 BIRTCHER DRIVE
LAKE FOREST, CA 92630

Invoice Date: May 16, 2024
Invoice Number: 247810
Matter Number: 13056-0001

Re: 13056-0001 GENERAL LEGAL SERVICES

For professional services rendered through April 30, 2024

Fees	16,262.50
Costs	34.25
Total Amount Due	\$16,296.75

TERMS: PAYMENT DUE UPON RECEIPT

PLEASE RETURN THIS PAGE WITH YOUR REMITTANCE TO

RICHARDS, WATSON & GERSHON
350 South Grand Avenue, 37th Floor
Los Angeles, CA 90071

Approved July 2, 2024

Description of Land IQ and UCI Invoices

April 2024

Total Amount Invoiced: \$14,681.24Amount Invoiced by Land IQ: \$2,196.25*Description of Land IQ Expenses:*

- Time billed by Land IQ staff on Component Administration, and Tasks 2 and 4 (see pages 3-4 of invoice).

Amount Invoiced by UCI: \$12,484.99

Description of UCI Time & Expenses – Income and Expense Report: Total time and expenses of \$12,484.99 (pg. 13 of invoice) were calculated as follows:

- Time billed by UCI staff on Component Administration, and tasks 2 and 3 (see page 5).
- No expenses to report for this billing period of 4/1/24-4/30/24.
- Summary of Labor Per Hour – monthly rate divided by working hours per month (see page 9).
 - **Note:** The table shows dollar amounts and hours rounded to the hundred thousandth place after the decimal. UCI's computer system generates data and does not round to the tenth place after the decimal.

SUMMARY OF LABOR PER HOUR					
Individual	Apr-24	Time (h)	Salary Total	Rate (h)	GAEL
Post-Doctoral Researcher 1 (Fiore)*	38.43000	1261.85000	32.83502	\$12.74	
Post-Doctoral Researcher 2 (Brigham)*	38.43000	1261.85000	32.83502	\$12.74	
Research Associate 1 (Rood)*	36.71000	1461.87000	39.83212	\$14.75	
Research Associate 2 (Coffey)*	85.70000	2970.81000	34.66523	\$30.01	
Research Associate 3 (Perea-Vega)*	37.42000	1107.35000	29.59246	\$11.18	
Senior Scientist 2 (Lulow)*	9.54000	530.51000	55.60901	\$ 5.36	
<i>*monthly rate divided by working hours per month</i>			\$ 8,594.24		\$ 86.78

- Example: $\$1,261.85 / 38.43$ (time-h) = $\$32.83502$ (rate-h).
- UCPATH Salaries by Fund Report:
 - SWG2 – Salaries & Wages General Assistance: \$8,594.24
 - BENF – Benefits: \$3,803.97
 - Genx – General Expenses: \$86.78
 - **Note:** The UCPATH Salaries by Fund Report rounds to the nearest hundredth digit (see pages 11-12). This report is auto generated from UCI's payroll system and is limited on what adjustments can be made to it.

- Example: Salary \$1,392.25 / FTE Comp Rate \$7,008.33 = 0.198656 (Percent Total Pay) which is rounded to 0.1987.
- Similarly, the 36.69 hours are multiplied by a rate of \$33.16516 rather than \$33.17.
- To summarize, UCI's April 2024 total invoiced amount is equal to:
$$\$12,484.99 = \$12,398.21 \text{ (total salary and wages & fringe benefits)} + \$86.78 \text{ (other direct costs)}$$

Land IQ, LLC
2020 L Street
Suite 210
Sacramento, CA 95811
www.landIQ.com

Borrego Springs Watermaster
c/o West Yost & Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Invoice Date: 4/30/24
Total Amount: \$14,681.24
Invoice Number: 6009
Invoice Period: 04/01/24 - 04/30/24
Engagement: Borrego Springs Watermaster

Summary of Charges

Description	Amount
Task A. LIQ (WY23/24) Project Management	\$1,055.00
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	\$320.00
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	\$821.25
Task A. UCI (WY23/24) Project Management Expenses	\$936.99
Task 2: UCI (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study Expenses	\$9,145.00
Task 3: UCI (WY23/24) Brush Pile Wildlife Sand Fence Case Study Expenses	\$2,403.00
TOTAL AMOUNT DUE	\$14,681.24

SUMMARY OF FEES

Source	Hrs	Rate	Amount
Task A. LIQ (WY23/24) Project Management			
Laura McFadden	4.50	\$110.00	\$495.00
Robert Travis Brooks	3.50	\$160.00	\$560.00
Task A. LIQ (WY23/24) Project Management	8.00		\$1,055.00
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study			
Robert Travis Brooks	2.00	\$160.00	\$320.00
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	2.00		\$320.00
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies			
Robert Travis Brooks	3.00	\$160.00	\$480.00
Stephanie Tillman	1.75	\$195.00	\$341.25
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	4.75		\$821.25
TOTAL FEES & EXPENSES	14.75		\$14,681.24

TIME & EXPENSE DETAIL

Date	Task	Description	Hrs	Rate	Amount
Robert Travis Brooks					
4/1/24	Task A. LIQ (WY23/24) Project Management	Project Management	1.50	\$160.00	\$240.00
4/16/24	Task A. LIQ (WY23/24) Project Management	Meeting with West Yost on Project Status	0.50	\$160.00	\$80.00
4/26/24	Task A. LIQ (WY23/24) Project Management	invoice review	0.50	\$160.00	\$80.00
4/30/24	Task A. LIQ (WY23/24) Project Management	Project Management	1.00	\$160.00	\$160.00
4/30/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Update to Watermaster on status of studies and Sand Fence Contractor	0.50	\$160.00	\$80.00
4/2/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Review of Task 2 Report and Communications with Watermaster Staff for Public Outreach	1.50	\$160.00	\$240.00
4/22/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	Coordination for study development	2.00	\$160.00	\$320.00
4/23/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	Coordination for study development	1.00	\$160.00	\$160.00
				Robert Travis Brooks	8.50
					\$1,360.00
Laura McFadden					
4/23/24	Task A. LIQ (WY23/24) Project Management	Project Management Support	0.50	\$110.00	\$55.00
4/24/24	Task A. LIQ (WY23/24) Project Management	Project Management Support	2.00	\$110.00	\$220.00
4/25/24	Task A. LIQ (WY23/24) Project Management	Project Management Support	0.50	\$110.00	\$55.00
4/26/24	Task A. LIQ (WY23/24) Project Management	Project Management Support	1.00	\$110.00	\$110.00
4/1/24	Task A. LIQ (WY23/24) Project Management	Project Management Support	0.50	\$110.00	\$55.00
				Laura McFadden	4.50
					\$495.00
Stephanie Tillman					
4/16/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	communication with Travis re Task 4 report, update	0.25	\$195.00	\$48.75
4/1/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	compiled and sent soil and plant data to landowners	1.50	\$195.00	\$292.50
				Stephanie Tillman	1.75
				TOTAL FEES	14.75
					\$2,196.25

Date	Code	Task	Description	Amount
Land IQ Expenses				
4/30/24	Professional Services	Task 2: UCI (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	UCIrvine: (Invoice No: 23883854-58786)	\$9,145.00
4/30/24	Professional Services	Task 3: UCI (WY23/24) Brush Pile Wildlife Sand Fence Case Study	UCIrvine: (Invoice No: 23883854-58786)	\$2,403.00
4/30/24	Professional Services	Task A. UCI (WY23/24) Project Management	UCIrvine: (Invoice No: 23883854-58786)	\$936.99
			Land IQ Expenses	\$12,484.99
			TOTAL EXPENSES	\$12,484.99
TOTAL AMOUNT DUE				\$14,681.24



UCIRVINE

Contracts and Grants Accounting

228 Aldrich Hall
Irvine, CA 92697-1050
Fax: (949) 824-3895

Invoice No: 23883854-58786

Date: 05/28/2024

Federal Tax ID: 95-2226406

Proposal Number: 105753

UC Fund Number: 58786

Reference:

LAND IQ, LLC
2020 L STREET, SUITE 210
SACRAMENTO, CA 95811

Please Include Invoice Number with Check or Wire Payment

Award Number: 225754
Project Title: Concept Feasibility Plan for Rehabilitation of Fallowed Irrigated Agricultural Land in the Borrego Valley Groundwater Basin
Principal Investigator: Lulow, Megan
Project Title: 01/02/2023 to 03/31/2025

Billing Period: 04/01/2024-04/30/2024

Expense Category	Cumulative To Date	Previously Billed	Current Expenses
Labor - Task A	\$6,774.44	\$5,837.45	\$936.99
Labor - Task 1	\$16,250.00	\$16,250.00	\$0.00
Labor - Task 2	\$83,428.70	\$74,283.70	\$9,145.00
Labor - Task 3	\$25,061.28	\$22,658.28	\$2,403.00
Labor - Task 4	\$0.00	\$823.56	\$0.00
Labor - Task 6	\$3,700.00	\$3,700.00	\$0.00
Direct Expense	\$9,441.67	\$9,441.67	\$0.00
	\$145,479.65	\$132,994.66	\$12,484.99
Indirect Costs (0%)	\$0.00	\$0.00	\$0.00
	\$145,479.65	\$132,994.66	\$12,484.99
Current Invoice Total			\$12,484.99

Please make your check payable to The Regents of the University of California Irvine, CONTRACTS AND GRANTS ACCOUNTING 228 ALDRICH HALL, IRVINE, CALIFORNIA 92697-1050. Include a reference to the invoice number and mail your payment to the above address. If you have any questions regarding this invoice, please contact Ashley Vuong for assistance at (949) 824-3406 or email avuong6@uci.edu

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812).

Certified By

DocuSigned by:

 A5C03A9D5EAD46F...

Griselda Duran
Manager, Contracts & Grants Accounting

Contracts and Grants Accounting

228 Aldrich Hall
Irvine, CA 92697-1050

Date: 05/29/2024

Federal Tax ID: 95-2226406

Proposal Number: 105753

UC Fund Number: 58786

Reference:

LAND IQ, LLC
2020 L STREET, SUITE 210
SACRAMENTO, CA 95811

Please Include Invoice Number with Check or Wire Payment

Award Number: 225754

Project Title: Concept Feasibility Plan for Rehabilitation of Fallowed Irrigated Agricultural Land in the Borrego Valley Groundwater Basin

Principal Investigator: Lulow, Megan

Project Period: 01/02/2023 to 03/31/2025

Billing Period: 04/01/2024 to 04/30/2024

Expense Category	Cumulative To Date	Previously Billed	Current Expenses
Salaries and Wages	\$97,635.42	\$89,041.18	\$8,594.24
Fringe Benefits	\$35,174.84	\$31,370.87	\$3,803.97
Supplies and Materials	\$10,992.06	\$10,992.06	\$0.00
Equipment	\$0.00	\$0.00	\$0.00
Travel	\$0.00	\$0.00	\$0.00
Other Direct Costs	\$1,677.33	\$1,590.55	\$86.78
Subawards	\$0.00	\$0.00	\$0.00
	<hr/> \$145,479.65	<hr/> \$132,994.66	<hr/> \$12,484.99
Indirect Costs (0%)	\$0.00	\$0.00	\$0.00
	<hr/> \$145,479.65	<hr/> \$132,994.66	<hr/> \$12,484.99
Current Invoice Total			\$12,484.99

Please make your check payable to The Regents of the University of California Irvine, CONTRACTS AND GRANTS ACCOUNTING 228 ALDRICH HALL, IRVINE, CALIFORNIA 92697-1050. Include a reference to the invoice number and mail your payment to the above address. If you have any questions regarding this invoice, please contact Ashley Vuong for assistance at (949) 824-3406 or email avuong6@uci.edu

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812).

Certified By



Griselda Duran
Manager, Contracts & Grants Accounting

April 2024 UCI activities

Task A:

- Monthly refarm meeting
- Task schedule management
- Report summaries coordination
- Admin and budget management & coordination

Task 2 Activities:

- Monthly refarm meeting
- Task coordination and communication
- Results document response to feedback, edits to text and figures
- Results review and feedback
- Drone processing and write up for results

Task 3 Activities:

- Monthly refarm meeting
- Task coordination and communication
- Admin and budget management & coordination
- Purchasing of equipment for Sand Fences
- Creation of protocols for Sand Fences
- Coordination around seed collection and cleaning
- Seed collection scouting populations and timing for collection
- Seed collection
- Seed cleaning
- Seed testing

SUMMARY OF LABOR PER HOUR

Individual	Apr-24	Time (h)	Salary Total	Rate (h)	GAEI
Post-Doctoral Researcher 1 (Fiore)*		38.43	\$ 1,261.85	\$ 32.84	\$ 12.74
Post-Doctoral Researcher 2 (Brigham)*		38.43	\$ 1,261.85	\$ 32.84	\$ 12.74
Research Associate 1 (Rood)*		36.71	\$ 1,461.87	\$ 39.83	\$ 14.75
Research Associate 2 (Coffey)*		85.70	\$ 2,970.81	\$ 34.67	\$ 30.01
Research Associate 3 (Perea-Vega)*		37.42	\$ 1,107.35	\$ 29.59	\$ 11.18
Senior Scientist 2 (Lulow)*		9.54	\$ 530.51	\$ 55.61	\$ 5.36
* monthly rate divided by working hours per month			\$ 8,594.24		\$ 86.78

Certificate Of Completion

Envelope Id: DF5986FED711453B9444CD8500E0A30C Status: Completed
 Subject: Complete with DocuSign: 23883854_58786_LAND IQ_APRL 2024 INVOICE.pdf
 Source Envelope:
 Document Pages: 3 Signatures: 1 Envelope Originator:
 Certificate Pages: 1 Initials: 0 Ashley Vuong
 AutoNav: Enabled 415 Aldrich Hall
 Envelope Stamping: Enabled Irvine, CA 92697-1025
 Time Zone: (UTC-08:00) Pacific Time (US & Canada) avuong6@uci.edu
 IP Address: 99.48.30.232

Record Tracking

Status: Original Holder: Ashley Vuong Location: DocuSign
 5/28/2024 4:20:48 PM avuong6@uci.edu

Signer Events

Griselda Duran DocuSigned by:
 griseld@uci.edu 
 C&G Accounting & Operations Manager A5C03A9D5EAD46F...
 UCI Account
 Security Level: Email, Account Authentication
 (None) Signature Adoption: Uploaded Signature Image
 Using IP Address: 172.90.87.71
 Viewed: 5/28/2024 4:40:26 PM
 Signed: 5/28/2024 4:41:28 PM

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	5/28/2024 4:21:21 PM
Certified Delivered	Security Checked	5/28/2024 4:40:26 PM
Signing Complete	Security Checked	5/28/2024 4:41:28 PM
Completed	Security Checked	5/28/2024 4:41:28 PM
Payment Events	Status	Timestamps

UCPath Salaries by Fund Report

Fiscal Year: 2024 Period(s) Selected: 10 - April

Run Date/Time: 05/21/2024 5:33:51 PM
Page #: 1 of 2

Control Account: IR - UC58786 LAND IQ 225754 LULOW G0 CR 3/25

Accounting Date	KFS Org	UC Account	UC Fund	KFS Consolidation Code	KFS Object Code	KFS Project	Line Description	KFS Account	Employee ID	Employee Name	Job Code	Job Code Description	Pay End Date	UC Earn End Date	Earn Code	FTE	Comp Frequency	Comp Rate	FTE Comp Rate	Percent Total Pay	Hours	Salary Amount	Fringe Amount
04/30/2024	6191	486369	58786	SWG2	1200			PC15547	10286318	Coffey,Julie Ellen	009611	SRA 3	05/31/2024	03/31/2024	REG	1	M	5,567.17	5,567.17	0.2695	45.28	1,500.41	0.00
04/30/2024	6191	486369	58786	SWG2	1200			PC15547	10286318	Coffey,Julie Ellen	009611	SRA 3	04/30/2024	03/31/2024	REG	1	M	5,567.17	5,567.17	(0.0375)	(6.30)	(201.63)	0.00
04/30/2024	6191	486369	58786	SWG2	1200			PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	04/30/2024	04/30/2024	REG	0.6	M	4,205.00	7,008.33	0.2086	36.71	1,461.87	0.00
04/30/2024	6191	486369	58786	SWG2	1200			PC15547	10286318	Coffey,Julie Ellen	009611	SRA 3	04/30/2024	03/31/2024	SKL	1	M	5,567.17	5,567.17	0.0375	6.30	201.63	0.00
04/30/2024	6191	486369	58786	SWG2	1200			PC15547	10286318	Coffey,Julie Ellen	006239	FIELD RESEARCHER 4	04/30/2024	04/30/2024	REG	1	M	6,402.25	6,402.25	0.2297	40.42	1,470.40	0.00
04/30/2024	6191	486369	58786	SWG2	1211			PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	04/30/2024	04/30/2024	REG	0.6667	UC_FY	6,528.10	9,791.67	0.0542	9.54	530.51	0.00
04/30/2024	6191	486369	58786	SWG2	1211			PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	04/30/2024	04/30/2024	REG	0.5	UC_FY	2,604.17	5,208.33	0.2126	37.42	1,107.35	0.00
04/30/2024	6191	486369	58786	SWG2	1211			PC15547	10283026	Fiore,Nicole M	003252	POSTDOC-EMPLOYEE	04/30/2024	04/30/2024	REG	1	UC_FY	5,778.50	5,778.50	0.2184	38.43	1,261.85	0.00
04/30/2024	6191	486369	58786	SWG2	1211			PC15547	10569787	Brigham,Laurel Marie	003252	POSTDOC-EMPLOYEE	04/30/2024	04/30/2024	REG	1	UC_FY	5,778.50	5,778.50	0.2184	38.43	1,261.85	0.00
SWG2 - SALARIES & WAGES GENERAL ASSISTANCE																			246.23	8,594.24	0.00		
04/30/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	04/30/2024	04/30/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	83.05
04/30/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	04/30/2024	04/30/2024		0.6	M	4,205.00	7,008.33		0.00	0.00	109.64
04/30/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	04/30/2024	04/30/2024		0.6667	UC_FY	6,528.10	9,791.67		0.00	0.00	39.79
04/30/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10286318	Coffey,Julie Ellen	006239	FIELD RESEARCHER 4	05/31/2024	04/01/2024		1	M	6,402.25	6,402.25		0.00	0.00	112.53
04/30/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10286318	Coffey,Julie Ellen	006239	FIELD RESEARCHER 4	04/30/2024	04/30/2024		1	M	6,402.25	6,402.25		0.00	0.00	110.28
04/30/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	04/30/2024	04/30/2024		0.6667	UC_FY	6,528.10	9,791.67		0.00	0.00	3.61
04/30/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10286318	Coffey,Julie Ellen	006239	FIELD RESEARCHER 4	04/30/2024	04/30/2024		1	M	6,402.25	6,402.25		0.00	0.00	10.00
04/30/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10286318	Coffey,Julie Ellen	006239	FIELD RESEARCHER 4	05/31/2024	04/01/2024		1	M	6,402.25	6,402.25		0.00	0.00	10.20
04/30/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	04/30/2024	04/30/2024		0.6	M	4,205.00	7,008.33		0.00	0.00	9.94
04/30/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	04/30/2024	04/30/2024		0.6667	UC_FY	6,528.10	9,791.67		0.00	0.00	246.69

UCPath Salaries by Fund Report

Fiscal Year: 2024 Period(s) Selected: 10 - April

 Run Date/Time: 05/21/2024
 Page #: 2 of 2

Accounting Date	KFS Org	UC Account	UC Fund	KFS Consolidation Code	KFS Object Code	KFS Project	Line Description	KFS Account	Employee ID	Employee Name	Job Code	Job Code Description	Pay End Date	UC Earn End Date	Earn Code	FTE	Comp Frequency	Comp Rate	FTE Comp Rate	Percent Total Pay	Hours	Salary Amount	Fringe Amount		
04/30/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10286318	Coffey,Julie Ellen	006239	FIELD RESEARCHER 4	04/30/2024	04/30/2024		1	M	6,402.25	6,402.25		0.00	0.00	683.74		
04/30/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	04/30/2024	04/30/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	514.92		
04/30/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	04/30/2024	04/30/2024		0.6	M	4,205.00	7,008.33		0.00	0.00	679.77		
04/30/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10286318	Coffey,Julie Ellen	006239	FIELD RESEARCHER 4	05/31/2024	04/01/2024		1	M	6,402.25	6,402.25		0.00	0.00	697.69		
04/30/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10569787	Brigham,Laurel Marie	003252	POSTDOC-EMPLOYEE	04/30/2024	04/30/2024		1	UC_FY	5,778.50	5,778.50		0.00	0.00	246.06		
04/30/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10283026	Fiore,Nicole M	003252	POSTDOC-EMPLOYEE	04/30/2024	04/30/2024		1	UC_FY	5,778.50	5,778.50		0.00	0.00	246.06		
BENF - BENEFITS																							0.00	0.00	3,803.97
04/30/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10286318	Coffey,Julie Ellen	006239	FIELD RESEARCHER 4	04/30/2024	04/30/2024		1	M	6,402.25	6,402.25		0.00	0.00	14.85		
04/30/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	04/30/2024	04/30/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	11.18		
04/30/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10283026	Fiore,Nicole M	003252	POSTDOC-EMPLOYEE	04/30/2024	04/30/2024		1	UC_FY	5,778.50	5,778.50		0.00	0.00	12.74		
04/30/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	04/30/2024	04/30/2024		0.6	M	4,205.00	7,008.33		0.00	0.00	14.76		
04/30/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	04/30/2024	04/30/2024		0.6667	UC_FY	6,528.10	9,791.67		0.00	0.00	5.36		
04/30/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10286318	Coffey,Julie Ellen	006239	FIELD RESEARCHER 4	05/31/2024	04/01/2024		1	M	6,402.25	6,402.25		0.00	0.00	15.15		
04/30/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10569787	Brigham,Laurel Marie	003252	POSTDOC-EMPLOYEE	04/30/2024	04/30/2024		1	UC_FY	5,778.50	5,778.50		0.00	0.00	12.74		
GENX - GENERAL EXPENSES																							0.00	0.00	86.78
PC15547 - 486369-58786 UCI-Nature/LAND IQ																							246.23	8,594.24	3,890.75
58786 - LAND IQ 225754 LULOW G0 CR 3/25																							246.23	8,594.24	3,890.75

KFS Account Transactions - Income and Expense Report

FS0100-Detail General Ledger

Fiscal Year: 2024 Period(s) Selected: 10 - APR. 2024

Run Date/Time: 05/21/2024 5:31:43 PM
 Page #: 1 of 1
 Run by: Daniel S Nguyen

Chart: IR
 Org: 6191
 Org Title: OFFICE OF UCI-NATURE
 Account: PC15547
 Account Name: 486369-58786 UCI-Nature/LAND IQ

Control Account - UC Account: UC58786 - 486369
 Agency Name: LAND IQ, LLC
 Fiscal Officer: Daniel S Nguyen
 Account Manager: Sinqui Musto
 Project Director: Megan E Lulow

Sub Fund Grp Type: Private Contracts-Restricted
 Award #: -
 Award Begin Date: 01/03/2023
 Award End Date: 03/31/2025
 ICR Rate: 0.00%

GEC Doc#	Period	Object Type	Object Level	Object Code	Doc Type	Origin	Doc No	Description	Post Date	Ledger Entry ID	Org Doc No	Project	OrgRefID	Doc Ref No	Budget	Actuals	Encumbrances
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Account - PC15547

Consolidation - SWG2

10	EX	SWGN	1200	IBI	UP	20240430	MONTHLY Check Date 05/01/2024	04/30/24	146555777	-	-	-	-	\$0.00	\$2,932.27	\$0.00
10	EX	SWGN	1200	IBI	UP	20240531	MONTHLY Check Date 05/31/2024	05/07/24	146874768	-	-	-	-	\$0.00	\$1,500.41	\$0.00
10	EX	SWGN	1211	IBI	UP	20240430	MONTHLY Check Date 05/01/2024	04/30/24	146555778	-	-	-	-	\$0.00	\$4,161.56	\$0.00

Consolidation Summary - SWG2 for period 10

\$0.00 \$8,594.24 \$0.00

Consolidation - BENF

10	EX	BENE	1627	IBI	UP	20240430	MONTHLY Check Date 05/01/2024	04/30/24	146555779	-	-	-	-	\$0.00	\$342.76	\$0.00
10	EX	BENE	1627	IBI	UP	20240531	MONTHLY Check Date 05/31/2024	05/07/24	146874769	-	-	-	-	\$0.00	\$112.53	\$0.00
10	EX	BENE	1678	IBI	UP	20240430	MONTHLY Check Date 05/01/2024	04/30/24	146555780	-	-	-	-	\$0.00	\$23.55	\$0.00
10	EX	BENE	1678	IBI	UP	20240531	MONTHLY Check Date 05/31/2024	05/07/24	146874770	-	-	-	-	\$0.00	\$10.20	\$0.00
10	EX	BENE	1685	IBI	UP	20240430	MONTHLY Check Date 05/01/2024	04/30/24	146555781	-	-	-	-	\$0.00	\$2,617.24	\$0.00
10	EX	BENE	1685	IBI	UP	20240531	MONTHLY Check Date 05/31/2024	05/07/24	146874771	-	-	-	-	\$0.00	\$697.69	\$0.00

Consolidation Summary - BENF for period 10

\$0.00 \$3,803.97 \$0.00

Consolidation - GENX

10	EX	SRVC	7065	IBI	UP	20240430	MONTHLY Check Date 05/01/2024	04/30/24	146555782	-	-	-	-	\$0.00	\$71.63	\$0.00
10	EX	SRVC	7065	IBI	UP	20240531	MONTHLY Check Date 05/31/2024	05/07/24	146874772	-	-	-	-	\$0.00	\$15.15	\$0.00

Consolidation Summary - GENX for period 10

\$0.00 \$86.78 \$0.00

Total Expense for period 10

\$0.00 \$12,484.99 \$0.00

Description of Services Rendered
Project 940-80-23-08

Grant Component No. 6: Biological Restoration of Fallowed Lands
Water Year 2024 - Invoice Period: April 1, 2024, to April 30, 2024

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 6: Biological Restoration of Fallowed Lands. The work is the Land IQ portion of the total scope of work. The remainder of the scope of work is being performed by West Yost.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 6 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 6 tasks. The work performed in this reporting period included:

TASK 1 - DATA REVIEW.

- No work performed in this reporting period. This task is complete.

TASK 2 - HABITAT FIELD STUDY.

- Internal meetings
- Review and response to feedback on draft report
- Processing of drone aerial data and write up of results

TASK 3 - SAND FENCE CASE STUDY.

- Coordinated with Watermaster on selection of a contractor to construct the Sand Fence Study
- Purchasing of monitoring equipment for the Sand Fence Study
- Creation of Sampling Protocols
- Seed collection, cleaning, and testing for later experimental additions

TASK 4 - FALLOWING REHAB STRATEGIES.

- Compiled field soil and plant data collected in Task 2 for individual landowners that participated in the study by allowing access to their land and distributing it to the individual landowners.
- Internal meetings on development of the Task 4 Report.

TASK 5 - FALLOWING PRIORITIZATION.

- No work performed in this reporting period.

Description of Services
940-80-23-08 (WY 2024)
Page 2

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 6 tasks. The work performed in this reporting period included:

TASK 6 - ENVIRONMENTAL WORKING GROUP MEETINGS.

- No work performed in this reporting period.

Grant Component No. 6: Biological Restoration of Fallowed LandsLand IQ Month YEAR Invoiced by Category and Task ^(a)

Task	Apr-24
<i>Totals</i>	\$14,681.24
Category (a) Component Administration - Category 7	\$1,991.99
Component Administration	\$1,991.99
Category (d) Monitoring, Assessment	\$12,689.25
Task 1 - Data Review	\$0.00
Task 2 - Habitat Field Study	\$9,465.00
Task 3 - Sand Fence Case Study	\$2,403.00
Task 4 - Fallowing Rehab Strategies	\$821.25
Task 5 - Fallowing Prioritization	\$0.00
Category (e) Stakeholder Outreach	\$0.00
Task 6 - EWG Meetings	\$0.00

Notes:

(a) Does not include work performed by West Yost



Remit Payment To:
PO Box 2158
Davis, CA 95617

April 30, 2024
2058293

Accounts Payable Borrego Springs Watermaster c/o West Yost Associates 23692 Birtcher Drive Lake Forest, CA 92630	Client Project: WY Project No: Contract Amount: Job Name:	Work Order No. 6 940-80-23-06 211,584.00 WY 2024 Admin and Technical Services
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Professional Services from April 1, 2024 to April 30, 2024

Approved July 2, 2024

Previously Billed :	91,754.74
Total This Period :	15,946.34
Total Amount Billed to Date including This Invoice :	107,701.08
Amount Remaining in Contract :	103,882.92

Professional Personnel

	Hours	Rate	Amount
Eng/Scientist/Geologist Manager I Adams, Samantha	15.50	329.00	5,099.50
Principal Eng/Scientist/Geologist II Malone, Andy	4.00	316.00	1,264.00
Associate Eng/Scientist/Geologist I Salberg, Lauren	25.25	221.00	5,580.25
Engineer/Scientist/Geologist I Kelty, Clay	.25	178.00	44.50
Administrative IV Ehresman, Leah	1.50	157.00	235.50
Administrative III Mendoza-Tellez, Maria	11.00	142.00	1,562.00
Totals	57.50		13,785.75
Total Labor			13,785.75

Reimbursable Expenses

Travel	1,302.89
Total Reimbursables	1,302.89

Reimbursable Expenses (Units)

Field Vehicles (Groundwater)	857.70
Total Reimbursable Expenses (Units)	857.70
Total this Invoice	\$15,946.34

Project	940-80-23-06	WY 2024 Admin and Technical Services	Invoice	2058293
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Description of Services:

See attached description of services

Outstanding Invoices

Number	Date	Balance
2056797	12/31/2023	12,374.50
2057638	1/31/2024	17,749.00
2057696	2/29/2024	12,823.50
2057887	3/31/2024	13,622.25
Total		56,569.25

Please direct questions to:

Project Manager Samantha Adams
Principal Greg Chung



**Description of Services Rendered****Project 940-80-23-06****Watermaster Administrative and Technical Services – Portion of Services not Reimbursable by DWR Prop 68 Grant***Invoice Period: April 1, 2024 to April 30, 2024*

The services billed in this invoice are those Watermaster administrative and technical services that are not reimbursable through the DWR Prop 68 grant.

TASK 1 – MEETINGS AND COURT HEARINGS

The work performed for this task includes preparing for and attending Watermaster Board Meetings and Court Hearings. The work performed in this reporting period included:

BOARD MEETINGS

- Corresponded with Watermaster Board officers and legal counsel throughout the month to coordinate meeting agenda items and other Watermaster activities.
- April 2024 Regular Board Meeting:
 - Prepared meeting minutes from March 2024 Board meeting.
 - Prepared agenda package content. This work included:
 - Organized, compiled, and formatted the public correspondence and consent calendar items.
 - Performed work, including coordination and/or preparation of staff memos or other materials, if needed, to support the following agenda items:
 - Community Representative on the Technical Advisory Committee
 - Use of “best available science”
 - Watermaster budget status as of March 31, 2024
 - Status update on the Redetermination of the Sustainable Yield
 - May Regular Meeting Agenda
 - Compiled the agenda package and distributed via the stakeholder distribution list and Watermaster website.
 - Prepared PowerPoint Presentation to support the Board meeting discussion.
 - Responded to questions from Board members via email and phone calls regarding the Board package items.
 - Attended the virtual Board meeting on April 18. The meeting was attended by Samantha Adams and Andy Malone.

Description of Services

940-80-23-06

Page 2

- May 2024 Board Meeting Preparation:
 - Scheduled In-Person May 2024 Board meeting.
 - Prepared punch list of action items for the Board meeting. Created meeting link and coordinated assignments for preparing the package.
 - Prepared agenda for May Board meeting and set-up memos for agenda items.

COURT HEARINGS

- No work performed during the reporting period.

TASK 2 – WATERMASTER ADMINISTRATION

The Executive Director, with support from staff, will organize, oversee, and/or perform the administrative and management aspects of running the Watermaster and administering the Judgment, Rules and Regulations, and GMP. The work performed in this reporting period included:

PREPARE THE WATERMASTER ANNUAL BUDGET

- Drafted WY 2025 operating scope of work (tasks) to include in the WY 2025 Budget.
- Began developing WY 2025 draft budget.

INSURANCE, ACCOUNTING, AND FINANCIAL SERVICES

- Prepared March 2024 Financial Report to the Board.
- Processed accounts receivable into QuickBooks.
- Processed accounts payable into QuickBooks.
- Drove to US Bank to deposit checks.
- Cut checks for accounts payable and mailed for signature.
- Communicated with vendors on reporting estimates of billings for inclusion in March monthly financials.
- Followed-up on insurance renewal application.
- Prepared statements of account for Parties with past due invoices.
- Review DWR payment amounts and approval following receipt of two reimbursement request checks.

RESPOND TO AND TRACK PUBLIC INFORMATION REQUESTS

- No work performed during the reporting period.

AS-NEEDED SUPPORT TO THE BPA PARTIES

- No work performed during the reporting period.

AS-NEEDED ADMINISTRATION OF THE TERMS OF THE JUDGMENT, RULES & REGULATIONS, AND GROUNDWATER MANAGEMENT PLAN

- Periodically check Watermaster email inbox.
- Respond to general public inquiries on the following topics:
 - Water rights of specific properties

Description of Services

940-80-23-06

Page 3

- Email distribution list
- Education about water issues in Borrego
- Coordinated with Legal Counsel to discuss modifications to Entry Permits for wells added to the Groundwater Monitoring Program to enable confidentiality.

GENERAL ADMINISTRATION AND PROJECT MANAGEMENTS TASKS

- Performed monthly project management tasks including budget, schedule, and scope of work progress evaluations.

TASK 3 – TECHNICAL SERVICES

The objective of this task is for the Technical Consulting team to perform the technical services required by the Judgment, Rules and Regulations, and GMP for WY 2023 that are not reimbursable by the DWR Prop 68 Grant. The work performed in this reporting period included:

NON-REIMBURSABLE COSTS FOR GROUNDWATER MONITORING PROGRAM.

- Non-grant reimbursable costs for the April 14th through April 18th Spring 2024 semi-annual monitoring event include:
 - Mileage for the field technicians to travel to, around, and return from Borrego Springs.
 - Hotel accommodations and meals for field staff.

NON-REIMBURSABLE COSTS FOR ADDRESSING ABANDONED WELLS

- There are no non-grant reimbursable costs in this reporting period.

AS-NEEDED TECHNICAL SUPPORT FOR IMPLEMENTATION OF THE JUDGMENT, RULES AND REGULATIONS, AND GROUNDWATER MANAGEMENT PLAN

- No work performed during the reporting period.

ADDRESS AD HOC REQUESTS OF TAC FROM THE BOARD

- No work performed during the reporting period.

TASK 4 – ENVIRONMENTAL WORKING GROUP

The objective of this task is to support the activities of the EWG in WY 2024 that are not part of the DWR Prop 68 Grant.

EWG MEETINGS.

- No work performed during the reporting period.

TASK 5 - STAFF SERVICES BILLED TO WATERMASTER RELATED TO MANUAL-READ METERS

The objective of this task is to coordinate the monitoring and collection of meter data from the parties with manual-read meters. This work is reimbursed by only those Parties with manual-read meters. The work performed in this reporting period included:

- Sent email notice to parties with manual read meters to send April self-reporting of meter reads.

EVERYTABLE

Torrance
3106208397
1662 Sepulveda Blvd
Torrance, CA 90501

Clay Kelty

Order #2908758
4/8/2024, 3:08:47 PM

Pickup window: 9am-12pm

Product	QTY	Total
Jamaican Jerk Chicken with Man..	1	\$7.95
Backyard BBQ Chicken Plate	2	\$15.90
Chicken Shawarma with Yogurt S..	2	\$15.90
Pesto Chicken on Ciabatta	2	\$14.90
Chimichurri Chicken on Ciabatta	1	\$6.45
Applewood Smoked Ham and Swiss..	1	\$7.45
Chipotle Turkey Burrito	2	\$14.90
Lemon Pepper Chicken Caesar Sa..	2	\$15.90
Lemon Spinach Alfredo	1	\$6.95
Southwest Chipotle Chicken Bowl	1	\$7.95
Nashville Hot Chicken Pasta	1	\$6.95
Mediterranean Veggie and Hummu..	1	\$6.45
Monica's Breakfast Burrito	1	\$5.95

Subtotal:	\$133.60
Tax:	\$0.00
Recycling Tax:	\$0.00
Total:	\$133.60

Visa ****8050 \$133.60

Thanks for joining the fight for food justice!
@foreverytable

7:26 4G 27%

squareup.com/r/rBNJ

Carlee's
BOSQUE SPRINGS
California

Let Carlee's know how your
experience was

\$47.25

BBQ Chicken Pizza	\$18.99
Thin	\$0.00
Supreme Pizza	\$17.99
Thin	\$0.00
No BI Olives	\$0.00
Purchase Subtotal	\$36.98
Sales Tax (7.75%)	\$2.87
Tip	\$7.40
Total	\$47.25

LOS JILBERTO'S
TACO SHOP
BORREGO SPRINGS, CA 92004
655 PALM CANYON DR.
(760) 767-1008

Check 10029

Guests 0

WED

4/17/24

6:12pm

1 CALIF ASADA BURRO	11.99
1 X GUACAMOLE	1.99
1 with fries	
1 BOTTLE WATER	2.99

Sub/Ttl	16.97
Tax	1.36
HERE	18.33

\$20	20.00
------	-------

Change 1.67

Thank you for dining with us!



Borrego Springs Resort

1112 Tilting T Dr
760-7675700, CA 92004



Appears on your statement as:

BORREGO SPRINGS RESORT 760-7675700 CA
92004 US

Made by Dennis Cook...2006 on Tuesday, March 5, 2024

Call Merchant

Merchant Website

Report a Problem



Home



Benefits



Help



Profile

LOS JILBERTO'S
TACO SHOP
BORREGO SPRINGS, CA 92004
655 PALM CANYON DR.
(760) 767-1008

Check 10027

Guests 0

WED 4/17/24 6:11pm

1 CALIF ASADA BURRO	11.99
1 with fries	
Sub/Ttl	11.99
Tax	0.96
HERE	12.95

CASH 13.00

Change 0.05

Thank you for dining with us!



Remit Payment To:

PO Box 2158

Davis, CA 95617

April 30, 2024

Invoice Number:

2058295

Accounts Payable	Client Project:	Work Order No. 6
Borrego Springs Watermaster	WY Project No:	940-80-23-07
c/o West Yost Associates	Contract Amount:	893,098.00
23692 Birtcher Drive	Job Name:	WY 2024 Component 7: Monitoring
Lake Forest, CA 92630		Reporting, and GMP Update

Professional Services from April 1, 2024 to April 30, 2024Approved July 2, 2024

Previously Billed :	306,062.53
Total This Period :	61,579.14
Total Amount Billed to Date including This Invoice :	367,641.67
Amount Remaining in Contract :	525,456.33

Project	940-80-23-07	Comp 7 Monitoring Reporting & GMP Update	Invoice	2058295
Professional Personnel				
		Hours	Rate	Amount
Eng/Scientist/Geologist Manager I				
Adams, Samantha	4.50	329.00	1,480.50	
Principal Eng/Scientist/Geologist II				
Chiang, Eric	6.75	316.00	2,133.00	
Malone, Andy	6.00	316.00	1,896.00	
Senior Engineer/Scientist/Geologist II				
Sanchez, Carolina	.25	280.00	70.00	
Senior Engineer/Scientist/Geologist I				
Rapp, Garrett	1.00	267.00	267.00	
Associate Eng/Scientist/Geologist I				
Salberg, Lauren	86.75	221.00	19,171.75	
Engineer/Scientist/Geologist II				
Alonzo, Terrinda	1.50	207.00	310.50	
Engineer/Scientist/Geologist I				
Arevalo, Andrea	5.00	178.00	890.00	
Gateley, Amanda	1.00	178.00	178.00	
Kelty, Clay	32.00	178.00	5,696.00	
Field Monitoring Services				
Cook, Dennis	55.75	129.00	7,191.75	
Kelty, Clay	56.50	129.00	7,288.50	
Administrative II				
Hanna-Pickering, Alissa	2.00	118.00	236.00	
Technical Specialist IV				
Lasick, Sheri	.25	262.00	65.50	
Technical Specialist I				
Garrison, David	5.00	183.00	915.00	
Jones, Katie	13.25	183.00	2,424.75	
Totals	277.50		50,214.25	
	Total Labor			50,214.25
Subconsultants				
Blaine Tech Services, Inc.			6,701.00	
Clinical Laboratory of San Bernardino, I			3,095.00	
Total Subconsultants			9,796.00	9,796.00
Reimbursable Expenses				
Supplies/Permits/Publications/Equipment			943.89	
Total Reimbursables			943.89	943.89
Reimbursable Expenses (Units)				
Precision Water Level Meter 700ft			225.00	
Turbidity Meter			150.00	
Water Quality Meter			250.00	
Total Reimbursable Expenses (Units)			625.00	
		Total this Invoice		\$61,579.14

Project	940-80-23-07	Comp 7 Monitoring Reporting & GMP Update	Invoice	2058295
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Description of Services:

See attached description of services

Outstanding Invoices

Number	Date	Balance
2056798	12/31/2023	47,204.00
2057639	1/31/2024	60,274.75
2057697	2/29/2024	34,663.75
2057889	3/31/2024	33,872.75
Total		176,015.25

Please direct questions to:

Project Manager Samantha Adams
Principal Greg Chung



Grant Component No. 7: Monitoring, Reporting, and Groundwater Management Planning
West Yost - April 2024 Invoiced by Category and Task

Category and Task	Apr-24
	<i>Total Invoice</i> \$61,579.14
Category (a) Component Administration	\$5,746.25
Component Administration	\$5,746.25
Category (b) Planning, Design, Environmental	\$0.00
Task 1: Envionmental Documentation/Permitting	\$0.00
Task 2: Design Plans and Specifications (SW Station)	\$0.00
Category (c) Construction, Implementation	\$233.25
Task 5: Identify and Address Improperly Abandoned Wells	\$233.25
Category (d) Monitoring, Assessment	\$51,646.64
Task 6: Groundwater Pumping Monitoring - Annual Meter Verification	\$385.50
Task 6: Groundwater Pumping Monitoring - Monthly Meter Reading	\$2,750.00
Task 7 & 8 Groundwater Level and Quality Monitoring Program - Semi Annual Monitoring Events	\$31,096.89
Task 10 Maintain and Enhance Data Management System	\$1,602.00
Task 11 Annual Water Rights Accounting (Pumping Report)	\$0.00
Task 11 Annual Report to the Court and DWR	\$0.00
Task 12 Redetermination of the Sustainable Yield by 2025	\$15,438.75
Task 13 Prepare the 2025 GMP Update	\$373.50
Category (e) Stakeholder Outreach	\$3,953.00
Task 14 Outreach - Board Meetings on Grant Implementation	\$0.00
Task 14 Outreach - Technical Advisory Committee Working Meetings	\$1,590.50
Task 14 Outreach - Stakeholder Open House	\$2,362.50
Task 14 Outreach - Maintain Website and Grant Communications	\$0.00



Description of Services Rendered

Project 940-80-23-07

Grant Component No. 7: Monitoring, Reporting, and
Groundwater Management Planning

Water Year 2024 - Invoice Period: April 1, 2024 to April 30, 2024

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 7: Monitoring, Reporting, and Groundwater Management Planning.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 7 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress for WY 2024 tasks as of the end of March 2024.
- Updated budget status table.
- Updated January 2024 invoices based on Board-requested changes.
- Began developing quarterly grant status report and reimbursement request for the January 1 to March 31, 2024 reporting period.
- Updated summary of the payment status and total amount requested from DWR from the first four grant reimbursement requests.
- Performed work to obtain approval for contractor and contract terms to perform work on the conversion of abandoned wells task.

CATEGORY (C) CONSTRUCTION, IMPLEMENTATION. The work performed for this task includes the construction and implementation portion of the Component 7 tasks. Component 7 includes one construction and implementation task – implementation of the surface water monitoring station at Coyote Creek. The work performed during the invoice period includes:

ADDRESS ABANDONED WELLS (CONVERSION OR ABANDON)

- No work performed in this reporting period.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 7 tasks. The work performed in this reporting period included:

GROUNDWATER PUMPING MONITORING - ANNUAL METER VERIFICATION

- Communicated with Party regarding meter status of a well.

Description of Services
940-80-23-07 (WY 2024)
Page 2

GROUNDWATER PUMPING MONITORING - MONTHLY COLLECTION AND PROCESSING OF METER READ DATA

*NOTE: THIS TASK DOES NOT INCLUDE WORK TO COORDINATE OR PERFORM METER READING SERVICES AT MANUAL-READ METERS
- THAT WORK IS PAID FOR BY THE PUMPERS WITH MANUAL-READ METERS.*

- Cataloged and processed March 2024 monthly meter reads.
- Calculated March 2024 pumping by well.
- Performed QA/QC of March 2024 pumping data.

GROUNDWATER LEVEL AND QUALITY MONITORING PROGRAM - SEMIANNUAL MONITORING EVENTS

- Finalized preparation of entry agreements for owners of wells newly participating in the groundwater monitoring program.
- Communicated with well owners to modify and execute entry agreements.
- Printed field forms and entry permits for the Groundwater Monitoring Program semi-annual event. Updated the pre-route check-list, photos, maps, and contact sheet. Compiled all information into a field binder that is used by field technicians to execute the semi-annual monitoring program.
- Confirmed monitoring dates and times with well owners.
- Performed the Spring 2024 semi-annual field monitoring event in Borrego Springs from April 14 to April 18. This work included:
 - Mobilized to Borrego Springs with all equipment for monitoring.
 - Visited 25 wells to collect water quality samples:
 - Collected groundwater quality samples from all 16 production wells in the current monitoring program (Air Ranch 4, Auxiliary 2, BSR 6, County Yard, Evans East, Fortiner, Horse Camp, La Casa, Terry well, T2 Farms, RH-1, RH-2, RH-3, RH-4, RH-6, 282-300 hp). This work included documenting site conditions, collecting a static water level measurement (if possible), testing field parameters for stabilization, and filling sample bottles. A groundwater quality sample was unable to be collected at RH-5 due to the pump being broken.
 - Supported the collection of water quality samples from 8 monitoring wells with Blaine Tech Support Services. This work included documenting site conditions, collecting a static water level measurement (if possible), testing field parameters for stabilization, and filling sample bottles. A water quality sample was retrieved from all 8 wells visited (MW-1, MW-3, MW-4, MW-5A, MW-5B, MW-6S, MW-6D, WWTP).
 - Visited 14 wells to download transducer data. At 13 of the 14 wells with transducers installed (Auxiliary 3, MW-1, MW-3, MW-5A, Hanna Flowers, WWTP, JC Well, RH-1, RH-2, RH-3, RH-5, RH-6, ID1-10), the data loggers with continuously record water levels were downloaded, serviced (as needed), and reset.
 - The transducer from ID1-8 was removed and installed in the ID1-10 well. This well has not previously been equipped with a transducer.

Description of Services
940-80-23-07 (WY 2024)
Page 3

- No data was downloaded from one (1) transducer. The battery of one transducer, in the RH-4 well, had died since the last sampling event in November 2023. Watermaster staff mailed in the transducer for the data to be extracted by In-Situ staff. A new transducer was installed.
- Visited 44 wells to collect manual water level readings – 43 wells were able to be monitored. This work included documenting site conditions and measuring a static water level depth. No water quality samples were collected at these wells. One well was unable to be monitored (Nel well).
- Downloaded data from the Barologger installed in the BSR 6 well to compensate transducer measurements at all wells.
- Mobilized back to the West Yost Lake Forest office.
- Purchased one (1) new direct communication cable to replace the old, failing unit currently used. Invoice for equipment from In-Situ Inc. is attached.
- Reimbursable expenses billed this period include field equipment, Blaine Tech Services, and laboratory analysis by Clinical Laboratory of San Bernadino, Inc.
- Performed well canvassing effort of wells on April 17, 2024 to identify wells to add to the groundwater level and monitoring programs, including:
 - Conducting site inspections of 3 wells to determine the feasibility of incorporating the well into the groundwater monitoring program
 - Collecting five (5) groundwater quality samples
 - Collecting three (3) groundwater level measurements
- Scanned all field forms and downloaded data logger files collected in the field to the project directory.
- Updated field program binder with revised well access information obtained during spring 2024 monitoring event.
- Began cataloging and processing the following datasets collected in the field by Watermaster staff in April 2024:
 - Field water quality parameters
 - Manual water level measurements
 - Transducer water level data

COOPERATOR DATA COLLECTION, DATA MANAGEMENT, AND REPORTING DATA TO DWR PORTALS

- Cataloged, processed into standard formats, performed QA/QC, and loaded to HydroDaVE water level transducer data downloaded by BWD field staff at BWD wells in April 2024.

ANNUAL WATER RIGHTS ACCOUNTING (PUMPING REPORT)

- No work performed in this reporting period.

ANNUAL REPORT TO THE COURT AND DWR

- No work performed in this reporting period.

Description of Services
940-80-23-07 (WY 2024)
Page 4

REDETERMINATION OF THE SUSTAINABLE YIELD OF THE BORREGO SPRINGS SUBBASIN

- Prepared revised scope and schedule for the Redetermination of the Sustainable Yield to include addition of OpenET methodology during Task 4 – *Model Recalibration*.
- Developed approach to use OpenET as a validation check on the Farm Process's (FMP) ability to estimate evapotranspiration in the Borrego Valley Hydrologic Model (BVHM), including:
 - Developed scripts to download ET data from OpenET, post-process FMP results, and compare OpenET to FMP-estimated ET.
 - Applied the proposed OpenET approach to check results of the *Pre-Calibrated* version of the BVHM.
 - Prepared figures and tables to support the comparison of ET from OpenET to FMP-estimated ET.
 - Prepared summary materials on the proposed methodology for using OpenET as a validation check and distributed to the TAC for review.
- Discussed TAC member comments on the summary materials distributed to the TAC on OpenET methodology.
- Began performing model recalibration.

PREPARE THE 2025 GROUNDWATER MANAGEMENT PLAN UPDATE

- Set up word document templates for each chapter in the GMP Assessment Report based on the report outline.

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 7 tasks. The work performed in this reporting period included:

TECHNICAL ADVISORY COMMITTEE MEETINGS

- Prepared Ad-Hoc TAC meeting agenda and distributed to the TAC via email.
- Noticed Ad-Hoc TAC meeting to the public distribution list.
- Prepared PowerPoint Presentation to support the May 1st Ad-Hoc TAC meeting.

STAKEHOLDER OPEN HOUSE

- Prepared for, attended, and presented at the April 3, 2024 BWD Town Hall. The attendee was Samantha Adams.
- Produced outreach materials advertising the May 9, 2024 Borrego Springs Watermaster Open House.

MAINTAIN WEBSITE AND GRANT COMMUNICATIONS

- No work performed in this reporting period.

The UPS Store #4158
21143 HAWTHORNE BLVD
Torrance, CA 90503-4615
310-540-1370

Terminal....: POS4158A Date.: 4/29/2024
Employee....: 255396 Time.: 06:33 PM
Cashier's Name Cashier

ITEM NAME	QTY	PRICE	TOTAL
Ground Commercial	1 @	\$14.27	\$14.27
MMJ9G7JDEW8VG			
Tracking Number - 1247Y4R40309448730			
Subtotal		\$14.27	
Shipping/Other Charges		\$0.00	
Total tax		\$0.00	
Total			\$14.27
Cards			\$14.27

Items Designated NR are NOT eligible
for Returns, Refunds or Exchanges.

US Postal Rates Are Subject to Surcharge.



1 2 4 0 4 2 9 4 1 5 8 A 0 2 7 0 6 8
View The UPS Store, Inc.'s privacy notice at
<https://www.theupsstore.com/privacy-policy>

Win a \$250 gift card
Tell us how we're doing for your chance to win
a \$250 gift card. Scan the QR code or visit
the URL below to take the survey.





water
simplified.

In-Situ, Inc.
221 E Lincoln Ave
Fort Collins, CO 80524-2533

Fed ID: 83-0245889
GSA: 47QSWA23D001X

Invoice

INV106388

04/02/2024

Billing Address

WEST YOST & ASSOCIATES
2235 MERCURY WAY
SUITE 105
SANTA ROSA, CA 95407
United States

Ship-to Address

WEST YOST & ASSOCIATES
ATTN: Clay Kelty
23692 BIRTCHER DRIVE
LAKE FOREST, CA 92630
United States

Customer PO No.
PO# 940-80-23-07-320
Shipping Agent Code
FEDEX
Package Tracking No.
272901759680

Order Date
04/01/2024
Shipment Method
FOB Origin
Final Installation
CA

Order No.
SO107847
Payment Terms
Net 30 days
Email

Due Date
May 2, 2024
Salesperson
Chris Howard
Customer Account No.
C002590

No.	Description	Quantity	Unit	Unit Price	Line Amount
0052500	TROLL Com Bundle USB cable connect (communication cable)	1	Each	795.00	795.00
	Serial No. 1114790				
	FREIGHT	1	Each	73.00	73.00
				Subtotal	868.00
				Total Tax	61.62
				Total	929.62
				Amount in USD	

Bank Name
Vectra Bank Colorado
Bank Account No.
5801330001
Payment Routing No.
102003154

Click to Pay

[Click Here to Pay](#)

Home Page
www.in-situ.com

Email

Phone No.
800-4IN-SITU

**BLAINE
TECH SERVICES INC.**

1680 ROGERS AVE., SAN JOSE, CA 95112-1105
(408) 573-0555 FAX: (408) 573-7771
FED. EIN 77-0131-704 / CONTRACTOR'S LICENSE #746684

Invoice

Invoice Number
2BLJT-240415FA1

Invoice Date
Apr 24, 2024

Send To:

WEST YOST ASSOCIATES
ATTN: ACCOUNTS PAYABLE
2020 RESEARCH PARK DR, STE 100
DAVIS, CA 95618

Job Number / P.O. Number	Job Date(s)	Customer ID	Payment Terms	Due Date
940-80-23-07	4/15/24	737	Net 90 Days	7/23/24

Quantity	Item	Description	Unit Price	Extension
	BBOR	BORREGO SPRINGS, CA / PM: SAMANTHA ADAMS / PO# 940-80-23-07		
2.00	B216CB	PER DIEM	200.00	400.00
24.00	B114CB	TECHNICIAN / VEHICLE HOURLY RATE	105.00	2,520.00
24.00	B114CB	ASSISTANT TECHNICIAN / VEHICLE HOURLY RATE	95.00	2,280.00
1.00	B322CB	PROVIDE FLOW CELL	300.00	300.00
800.00	B324CB	SAMPLE TUBING (PER FOOT)	0.72	576.00
1.00	B115CB	500' ROLL : 3/8 X 1/2 PE TUBING	325.00	325.00
1.00	B115CB	PROVIDE N2 TANKS	50.00	50.00
1.00	B115CB	PROVIDE ST110 PUMP AND CONTROLLER	250.00	250.00

PLEASE PAY THIS AMOUNT 6,701.00

INVOICE ATTACHMENT**Item III.D.iii.b****Page 104 of 158****Clinical Laboratory of San Bernardino, Inc.
P.O. Box 329 San Bernardino, CA 92402****INVOICE****Invoice To:**

Lauren Salberg
West Yost Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Invoice Number

24D2094

Remit To:

Accounts Receivable
Clinical Laboratory of San Bernardino, Inc.
P.O. Box 329
San Bernardino, CA 92402

PO Number**Received**

04/19/24

Project

Borrego Springs

Client

Lauren Salberg
West Yost Associates

Terms

NET 30

Project Number

[940-80-23-07 Task 320]

Project Manager

Jeanette Hernandez

Work Order(s)

24D2094

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Clinical Laboratory of San Bernardino				
4	Nitrite as N EPA 300.0 [8 day]	Water	\$5.00	\$20.00
4	General Mineral Panel [8 day]	Water	\$90.00	\$360.00
4	Arsenic EPA 200.8 [8 day]	Water	\$10.00	\$40.00
Additional Items				
1	Pickup Fee		\$50.00	\$50.00

Invoice Total: \$470.00

Clinical Laboratory of San Bernardino, Inc.
P.O. Box 329 San Bernardino, CA 92402

INVOICE

Invoice To:

Lauren Salberg
 West Yost Associates
 23692 Birtcher Drive
 Lake Forest, CA 92630

Invoice Number

24D2096

Remit To:

Accounts Receivable
 Clinical Laboratory of San Bernardino, Inc.
 P.O. Box 329
 San Bernardino, CA 92402

PO Number

Received

04/19/24

Project

Borrego Springs

Client

Lauren Salberg
 West Yost Associates

Terms

NET 30

Project Number

[940-80-23-07 Task 320]

Project Manager

Jeanette Hernandez

Work Order(s)

24D2096

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Clinical Laboratory of San Bernardino				
9	Nitrite as N EPA 300.0 [8 day]	Water	\$5.00	\$45.00
9	General Mineral Panel [8 day]	Water	\$90.00	\$810.00
9	Arsenic EPA 200.8 [8 day]	Water	\$10.00	\$90.00

Invoice Total: **\$945.00**

INVOICE ATTACHMENT**Item III.D.iii.b****Page 106 of 158****Clinical Laboratory of San Bernardino, Inc.
P.O. Box 329 San Bernardino, CA 92402****INVOICE****Invoice To:**

Lauren Salberg
West Yost Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Invoice Number

24D2097

Remit To:

Accounts Receivable
Clinical Laboratory of San Bernardino, Inc.
P.O. Box 329
San Bernardino, CA 92402

PO Number**Received**

04/19/24

Project

Borrego Springs

Client

Lauren Salberg
West Yost Associates

Terms

NET 30

Project Number

[940-80-23-07 Task 320]

Project Manager

Jeanette Hernandez

Work Order(s)

24D2097

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Clinical Laboratory of San Bernardino				
10	Nitrite as N EPA 300.0 [8 day]	Water	\$5.00	\$50.00
10	General Mineral Panel [8 day]	Water	\$90.00	\$900.00
10	Arsenic EPA 200.8 [8 day]	Water	\$10.00	\$100.00

Invoice Total: \$1,050.00

Clinical Laboratory of San Bernardino, Inc.
P.O. Box 329 San Bernardino, CA 92402

INVOICE

Invoice To:

Lauren Salberg
 West Yost Associates
 23692 Birtcher Drive
 Lake Forest, CA 92630

Invoice Number

24D2098

Remit To:

Accounts Receivable
 Clinical Laboratory of San Bernardino, Inc.
 P.O. Box 329
 San Bernardino, CA 92402

PO Number

Received

04/19/24

Project

Borrego Springs

Client

Lauren Salberg
 West Yost Associates

Terms

NET 30

Project Number

[940-80-23-07 Task 320]

Project Manager

Jeanette Hernandez

Work Order(s)

24D2098

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Clinical Laboratory of San Bernardino				
4	Nitrite as N EPA 300.0 [8 day]	Water	\$5.00	\$20.00
4	General Mineral Panel [8 day]	Water	\$90.00	\$360.00
4	Arsenic EPA 200.8 [8 day]	Water	\$10.00	\$40.00

Invoice Total: **\$420.00**

Clinical Laboratory of San Bernardino, Inc.
P.O. Box 329 San Bernardino, CA 92402

INVOICE

Invoice To:

Lauren Salberg
 West Yost Associates
 23692 Birtcher Drive
 Lake Forest, CA 92630

Invoice Number

24D2099

Remit To:

Accounts Receivable
 Clinical Laboratory of San Bernardino, Inc.
 P.O. Box 329
 San Bernardino, CA 92402

PO Number

Received

04/19/24

Project

Borrego Springs

Client

Lauren Salberg
 West Yost Associates

Terms

NET 30

Project Number

[940-80-23-07 Task 320]

Project Manager

Jeanette Hernandez

Work Order(s)

24D2099

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Clinical Laboratory of San Bernardino				
2	Nitrite as N EPA 300.0 [8 day]	Water	\$5.00	\$10.00
2	General Mineral Panel [8 day]	Water	\$90.00	\$180.00
2	Arsenic EPA 200.8 [8 day]	Water	\$10.00	\$20.00

Invoice Total: **\$210.00**



Remit Payment To:
PO Box 2158
Davis, CA 95617

April 30, 2024
Invoice Number:

2058297

Accounts Payable	Client Project:	Work Order No. 6
Borrego Springs Watermaster	WY Project No:	940-80-23-08
c/o West Yost Associates	Contract Amount:	18,106.00
23692 Birtcher Drive	Job Name:	WY 2024 Component 6: Biological Restoration of Fallow Lands
Lake Forest, CA 92630		

Professional Services from April 1, 2024 to April 30, 2024

Approved July 2, 2024

Previously Billed :	6,138.50
Total This Period :	1,400.50
Total Amount Billed to Date including This Invoice :	7,539.00
Amount Remaining in Contract :	10,567.00

Professional Personnel

	Hours	Rate	Amount
Eng/Scientist/Geologist Manager I Adams, Samantha	.25	329.00	82.25
Principal Eng/Scientist/Geologist II Malone, Andy	.50	316.00	158.00
Associate Eng/Scientist/Geologist I Salberg, Lauren	5.25	221.00	1,160.25
Totals	6.00		1,400.50
Total Labor			1,400.50
		Total this Invoice	\$1,400.50

Description of Services:

See attached description of services

Outstanding Invoices

Number	Date	Balance
2056799	12/31/2023	1,016.00
2057003	1/31/2024	1,390.00
2057698	2/29/2024	1,206.25
2057890	3/31/2024	497.25
Total		4,109.50

Please direct questions to:

Project	940-80-23-08	Component 6: Biological Restoration	Invoice	2058297
Project Manager Principal	Andy Malone Greg Chung GKC			

Grant Component No. 6: Biological Restoration of Fallowed Lands - WY 2024^(a)

West Yost - April 2024 Invoiced by Category and Task

Task	Apr-24
<i>Totals</i>	\$1,400.50
Category (a) Component Administration - Category 6	\$248.00
Component Administration	\$248.00
Category (d) Monitoring, Assessment	\$1,152.50
Task 1 - Data Review	\$0.00
Task 2 - Habitat Field Study	\$600.00
Task 3 - Sand Fence Case Study	\$552.50
Task 4 - Fallowing Rehab Strategies	\$0.00
Task 5 - Fallowing Prioritization	\$0.00
Category (e) Stakeholder Outreach	\$0.00
Task 6 - EWG Meetings	\$0.00

Notes:

(a) Does not include work performed by Land IQ

INVOICE ATTACHMENT**Description of Services Rendered**

Project 940-80-23-08

Grant Component No. 6: Biological Restoration of Fallowed Lands
Water Year 2024 - *Invoice Period: April 1, 2024 to April 30, 2024*

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 6: Biological Restoration of Fallowed Lands. The work is the West Yost portion of the total scope of work. The remainder of the scope of work is being performed by Land IQ and its subconsultant UCI.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 6 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress.
- Updated budget status table.
- Communicated Board-requested changes to Land IQ and UCI monthly invoices.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 6 tasks. The work performed in this reporting period included:

TASK 1 - DATA REVIEW.

- No work performed in this reporting period.

TASK 2 - HABITAT FIELD STUDY.

- Coordinated with Land IQ.

TASK 3 - SAND FENCE CASE STUDY.

- Coordinated with Land IQ.

TASK 4 - FALLOWING REHAB STRATEGIES.

- No work performed in this reporting period.

TASK 5 - FALLOWING PRIORITIZATION.

- No work performed in this reporting period.

Description of Services
940-80-23-08 (WY 2024)
Page 2

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 6 tasks. The work performed in this reporting period included:

TASK 6 - ENVIRONMENTAL WORKING GROUP MEETINGS.

- No work performed in this reporting period.

**Borrego Springs Watermaster
Board of Directors Meeting
July 11, 2024
AGENDA ITEM IV.A**

To: Board of Directors
From: Lauren Salberg, Associate Geologist, West Yost
Date: July 8, 2024
Subject: Semi-Annual Report of Groundwater Level and Quality Results for the Borrego Springs Subbasin: Spring 2024

Recommended Action Provide Direction to Staff Information and Discussion
 Fiscal Impact Cost Estimate

Recommended Action

Board discussion

Fiscal Impact: None.

Background and Previously Related Actions by the Board

On April 6, 2023, the Watermaster adopted an updated [Groundwater Monitoring Program for the Borrego Springs Subbasin](#) (2023 Monitoring Program) that defined (1) the wells included groundwater monitoring network and (2) the actions and schedule to fill data gaps and improve monitoring documentation and reporting protocols. Generally, the main objectives of the monitoring program are to collect the data that can be used to:

- Demonstrate progress toward meeting the Sustainability Goal of the GMP, which is to ensure that by 2040 the Subbasin is operated within its Sustainable Yield without causing Undesirable Results. The main Undesirable Results to be avoided are the significant and unreasonable occurrences of the following Sustainability Indicators¹: chronic lowering of groundwater levels; reduction in groundwater storage; and degradation of groundwater quality.
- Inform adaptive management to achieve the Sustainability Goal.
- Improve the Borrego Valley Hydrologic Model (BVHM) in a cost-effective manner that offers the most benefit for the resources expended.

¹ "Sustainability Indicator" refers to any of the effects caused by groundwater conditions occurring throughout the Basin that, when significant and unreasonable, cause undesirable results (California Water Code Section 10721(x)).

To demonstrate progress towards sustainability, the monitoring program data is used to track and monitor specific parameters relative to Minimum Thresholds² for the relevant Sustainability Indicators for the Basin. The GMP identified a subset of the wells in the monitoring program as Representative Monitoring Wells to assess groundwater conditions within the three management areas of the Basin (North, Central, and South)³.

Monitoring is performed semi-annually in the spring and fall of each year by Watermaster staff and the Borrego Water District. Wells in the groundwater-quality monitoring program are sampled for the parameters in the following table. The five constituents of concern (COCs) identified in the GMP are TDS, nitrate, arsenic, sulfate, and fluoride. The remaining parameters are monitored to assist in source water characterization and general water quality characterization.

Groundwater Quality Monitoring Program: Water Quality Parameters	
Alkalinity (including bicarbonate and carbonate)	Nitrite
Arsenic	Magnesium
Calcium	Potassium
Chloride	Sodium
Fluoride	Sulfate
Nitrate	Total dissolved solids

This report summarizes the most recent semi-annual event that occurred in April 2024. This report includes:

- A description of the groundwater-level and groundwater-quality monitoring networks as of spring 2024.
- A summary of the activities that occurred during the spring 2024 event.
- Characterization of the data collected during the spring 2024 event, including:
 - Comparison of groundwater-level data at the Representative Monitoring Wells against Minimum Thresholds.
 - Time-series charts of groundwater-level data at all wells monitored in spring 2024 (showing entire period of historical data at each well).
 - Spatial distribution maps of groundwater-quality results for the five COCs at all wells sampled in spring 2024.
 - Time-series charts of groundwater-quality at all wells monitored in spring 2024 (showing entire period of historical data at each well).

² Minimum Thresholds are quantitative values that represent the groundwater conditions at a Representative Monitoring Well that, when exceeded individually or in combination with Minimum Thresholds at other monitoring sites, may cause an Undesirable Result(s) in the Basin.

³ The GMP identifies representative monitoring wells for groundwater-levels only. For groundwater-quality, this report shows results for all wells monitored.

Status of Groundwater Monitoring Network

Table 1 lists i) wells in the groundwater-level and groundwater-quality monitoring programs, and ii) wells evaluated in spring 2024 for potential future inclusion in the monitoring program, by management area. Table 1 identifies the local or alias⁴ well name, State Well ID, well use (if known), type of monitoring performed, and, if applicable, the reason(s) why a sample or measurement was not collected during spring 2024. Wells in the groundwater-level monitoring network and the groundwater-quality monitoring network are shown on Figures 1 and 2, respectively. Wells evaluated in spring 2024 for inclusion in the monitoring program that are not yet considered part of the program are shown in Figure 3 and are described in the section below entitled *Expansion of the Groundwater Monitoring Program*.

Of the wells in the monitoring programs, some are strictly observation wells (no pumping), while others are used to pump groundwater for municipal, recreation (e.g., golf courses), and other purposes. As shown in Table 1, the monitoring network currently consists of 52 groundwater wells. Of the 52 wells in the network:

- 51 wells are monitored for groundwater-levels. Figure 1 shows the locations of the wells that are currently or have recently been in the groundwater-level monitoring network. Of these 51 wells:
 - 31 wells have groundwater-level measurements collected manually. Manual measurements are collected semi-annually in the spring and fall of each year.
 - 20 wells have groundwater-level measurements collected at a high frequency interval (15 minutes to 1 hour) using a pressure transducer with an integrated data logger. Manual water level measurements are also collected semi-annually at these wells while the transducer data is downloaded.
- 32 wells are monitored for groundwater-quality. Figure 2 shows the locations of the wells that are currently in the groundwater-quality monitoring network. Of these 32 wells:
 - 10 wells are wells used for drinking water.
 - 14 wells are non-potable wells used for agricultural and recreation irrigation, and other purposes (not used for drinking water).
 - 8 wells are dedicated monitoring wells.

Summary of Spring 2024 Groundwater Monitoring Event

The spring 2024 semi-annual monitoring event took place from April 14 to April 18, 2024, and included the following activities:

- Groundwater-level measurements at 49 of the 51 wells (see Table 1 and Figure 1), including:
 - Manual measurement of depth to groundwater at 50 wells, including:

⁴ Due to data confidentiality agreements, some wells being considered for inclusion in the groundwater-quality monitoring program are not identified by name or owner. Instead, they are assigned anonymous names based on their relative location in the Management Area.

- All 20 wells equipped with transducers.⁵
- 29 of the 31 wells monitored using manual groundwater-level methods. Notable outcomes include:
 - One well, Nel Well, was not able to be monitored because of the presence of an active beehive in the well lid. If the beehive remains in the well lid during the fall 2024 monitoring event, it will need to be removed by a professional prior to making a groundwater-level measurement.
 - One well, Airport 2, was not able to be monitored because the well casing had collapsed. A groundwater level measurement has not been able to be taken since spring 2023. If it is not feasible to conduct a well rehabilitation, the Airport 2 well should be removed from the groundwater-level monitoring program. Given that this well is a Representative Monitoring Well, a replacement will need to be selected. These options will be explored as part of the 5-year GMP Assessment.
 - For the first time, groundwater-level monitoring occurred at the Auxiliary Well 2 in the North Management Area because a new sounding tube was installed by the State Park staff. This well has been added to the groundwater-level monitoring program.
- Depth to groundwater measurements at 19 of the 20 wells that are equipped with transducers. Notable outcomes include:
 - Transducer data were not able to be downloaded from RH-4 due to technical issues. While in the field, a backup transducer was installed to replace the malfunctioning unit. The malfunctioning transducer was later returned to In-Situ, where some of the groundwater-level measurements were able to be recovered. The transducer was under warranty and was replaced by In-Situ; the replaced transducer is now a backup for the monitoring program.
 - For the first time, transducer data were downloaded at three wells with transducers installed in fall 2023 (Auxiliary 3, Hanna Flowers, and ID1-10).
- Water quality grab samples were collected at 30 of 32 wells (see Table 1 and Figure 2). Notable outcomes include:
 - One well (RH-5) did not have water quality samples collected by Watermaster staff due to well construction activities during the timeframe of the sampling event.

⁵ Additionally, the barologger installed in the BSR 6 well was downloaded. The barologger data is used to compensate transducer measurements taken at surrounding wells for variations in barometric pressure.

- One well (ID1-8) did not have water quality samples collected by BWD staff because the well has been taken offline indefinitely. Watermaster staff is assessing if this well should be removed from the groundwater-quality monitoring network moving forward.

Expansion of Groundwater Monitoring Program

The Groundwater Monitoring Plan identified and recommended areas for additional monitoring to improve the monitoring programs. The Watermaster continues efforts to expand the network of monitoring wells for both the groundwater-level and groundwater-quality monitoring programs through public outreach.

Although no new wells were officially added to the groundwater monitoring network during the spring 2024 monitoring event, efforts to expand the groundwater monitoring program included collecting manual groundwater-level measurements at four wells and groundwater-quality samples at seven wells in the North and Central Management Areas. Figure 3 shows the location of the 11 wells sampled and evaluated during the spring 2024 monitoring network and identifies if the well is being considered for either the groundwater-level or groundwater-quality monitoring program. Additionally, Figure 3 shows the location of the evaluated wells relative to the areas of recommended additional monitoring identified in the 2023 Groundwater Monitoring Program. These wells are also listed in Table 1.

Of the 11 wells groundwater wells evaluated by Watermaster staff in spring 2024, five wells are active pumping wells used for recreation and agricultural irrigation, two wells are inactive pumping wells previously used for irrigation, and four wells are abandoned. The groundwater-level and groundwater-quality data were processed and added to the Watermaster's database and will inform Watermaster staff's recommendations to include the wells or not, and discussions with the well owners to secure long-term approval for monitoring.

Spring 2024 Groundwater Monitoring Results

The following additional figures and tables were prepared to summarize and analyze the results of the spring 2024 monitoring event, including i) wells in the groundwater-level and groundwater-quality monitoring programs, and ii) wells evaluated in spring 2024 for potential future inclusion in the monitoring program:

Table 2 – Current Groundwater Elevations at Representative Monitoring Wells Compared to Minimum Threshold. For each well, this table lists the groundwater elevation in spring 2024, the Minimum Threshold⁶, and the difference between the spring 2024 groundwater elevation and Minimum Threshold. If the difference is positive, current elevations are above the Minimum Threshold. **Table 2 shows that groundwater-levels are above the Minimum Thresholds at all Representative Monitoring Wells.**

Table 3 – Groundwater Level Trends at Representative Monitoring Wells – Fall 2019 to Spring 2024. For each well, the table lists the groundwater elevation in fall 2019 (i.e., the start of Physical Solution

⁶ As defined in the GMP, the Minimum Threshold for water levels is expressed as the maximum allowable decline in groundwater levels from the beginning of the Physical Solution implementation through 2040. Watermaster staff converted the decline into an elevation for comparison to current elevations.

implementation period in WY 2020), the groundwater elevation in spring 2024, the change in groundwater-level, the rate of change in groundwater level from fall 2019 to spring 2024, and the historical groundwater-level trend (average decline in feet per year prior to fall 2019). Table 3 shows that since fall 2019:

- Groundwater levels decreased at 13 Representative Monitoring Wells, ranging from -0.7 to -11.9 feet.
- Groundwater levels increased at 3 Representative Monitoring Wells, ranging from 0.3 to 1.9 feet.
- Generally, the rate of decline in groundwater-levels at the Representative Monitoring Wells is slowing compared to historical rates of change. However, one well exhibited an increase in the rate of decline groundwater-level compared to the historical rate of change (ID4-11). This observation is consistent with observations from prior monitoring events.

Figures 4a – 4p – Groundwater Level and Sustainable Management Criteria at Representative Monitoring Wells. For each well, these time-series charts show historical groundwater elevations prior to the start of GMP implementation, groundwater elevations since the start of GMP implementation (i.e., fall 2019), and the Minimum Threshold. Figures 4a-4p show that groundwater-levels are above the Minimum Thresholds at all Representative Monitoring Wells.⁷

Table 4 – Water Quality Standard Exceedance Report. This table lists all groundwater-quality sample results that exceeded a California or EPA drinking water standard (e.g., California Maximum Contaminant Level [MCL]) for the constituents tested during the spring 2024 monitoring event. For each well with a water quality standard exceedance, the table lists: the well owner, well name, well use (e.g. public supply, non-potable irrigation, or observation), the water quality parameter(s) exceeded, the date of the water quality sample, the spring 2024 parameter concentration, and the water quality standard. Amongst the wells sampled in the groundwater-quality monitoring program, the COC concentrations that exceeded water-quality standards were generally similar to past results, with the exception of the results at MW-5A. The concentrations of TDS and sulfate at MW-5A were greater than previous results, which may have been due to sampling from a lower depth within the well screen interval. Therefore, these results from the spring 2024 may be revealing a depth-specific profile of higher TDS and sulfate concentrations with increasing depth. Moving forward, MW-5A will be sampled at the deeper location within the well screen to confirm the spring 2024 results and better understand the depth-specific differences in groundwater-quality at this location.

All seven wells evaluated for inclusion in the groundwater-quality monitoring program had groundwater-quality exceedances. Of the seven wells sampled for evaluation:

⁷ Figures 4d, 4f, and 4n show that the lowest groundwater elevations are periodically below the Minimum Thresholds for the RH-1, ID1-16, and MW-3 wells, respectively. The groundwater elevations below the Minimum Threshold occur during well operation (i.e. pumping) of the RH-1 and ID1-16 wells. For MW-3, the lowest groundwater elevations occur when a nearby pumping well (ID1-8) is in operation. The groundwater elevations that occur while the wells are pumping or influenced by pumping are not representative of static groundwater conditions and, therefore, are not considered to be below the Minimum Threshold.

- Two wells exceeded the lower limit of the secondary MCL for TDS (500 mg/L)
- Four wells exceeded the upper limit of the secondary MCL for TDS (1,000 mg/L)
- Five wells exceeded the MCL for nitrate (10 mg/L)
- Two wells exceeded the secondary MCL for sulfate (250 mg/L)

The owners of the evaluated wells were provided the results of the groundwater-quality samples and given the opportunity to meet with Watermaster Staff to discuss them.

Table 5 - Summary of Exceedances of Water Quality Standard by Standard Type and Well Type. This table summarizes the number of water-quality results that exceeded a California or EPA drinking water standard by well type (*i.e.* drinking water, non-potable, or observation well).

Figures 6 through 10. These figures characterize groundwater-quality for the five COCs constituents of concern identified in the GMP: TDS, nitrate, arsenic, sulfate, and fluoride. Each figure includes:

- A map that illustrates the spatial distribution of water quality concentrations at all wells sampled in spring 2024.
- Time-series charts of historical concentration trends at selected wells in each of the Management Areas to demonstrate the range of concentrations observed at select wells with long records of groundwater-quality results.

Appendix A (A-1 through A-55). These figures show time-series charts of the historical groundwater elevation data for all wells in the groundwater level monitoring network and wells evaluated for inclusion in the monitoring network in spring 2024. Appendix A is available as a handout only – to access click on this [LINK](#) or visit the Meetings page of the Watermaster's website

Appendix B (B-1 through B-195). This appendix includes time-series charts of the five constituents of concern for the wells in the groundwater-quality monitoring network and wells evaluated for inclusion in the monitoring network in spring 2024 (arsenic, TDS, sulfate, fluoride, and nitrate). The primary or secondary MCLs for drinking water quality standards for each constituent are also plotted on each chart. The figures also identify the general well location and the total depth, and screened interval of the well. Appendix B is available as a handout only – to access click on this [LINK](#) or visit the Meetings page of the Watermaster's website.

Enclosures

Figure 1. Groundwater-Level Monitoring Program

Figure 2. Groundwater-Quality Monitoring Program

Figure 3. Groundwater Wells Evaluated in Spring 2024 for Expansion of the Monitoring Network

Figures 4a – 4p. Groundwater Level and Sustainable Management Criteria at Representative Monitoring Wells

Figure 5. Total Dissolved Solids (TDS) in Groundwater

Figure 6. Nitrate in Groundwater

Figure 7. Arsenic in Groundwater

Figure 8. Sulfate in Groundwater

Figure 9. Fluoride in Groundwater

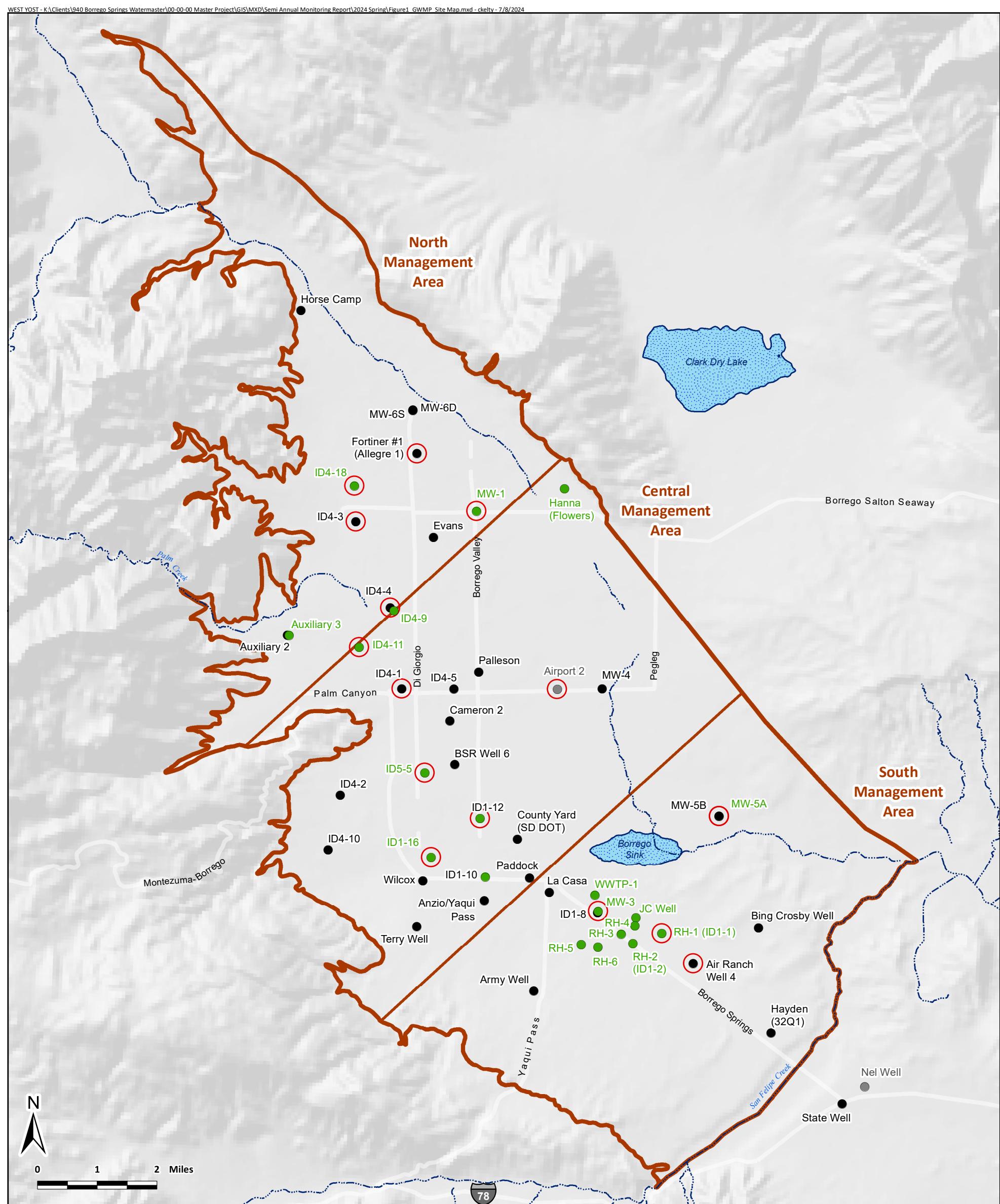
Table 1. Groundwater Level and Quality Monitoring Network and Wells Monitored in Spring 2024

Table 2. Current Groundwater Elevations at Representative Monitoring Wells Compared to Minimum Thresholds

Table 3. Groundwater Level Trends at Representative Monitoring Wells - Fall 2019 to Spring 2024

Table 4. Water Quality Standard Exceedance Report

Table 5. Summary of Exceedances of Water Quality Standard by Standard Type and Well Type



Groundwater-Level Monitoring Network

Representative Monitoring Site

Borrego Springs Subbasin with Management Area Divisions

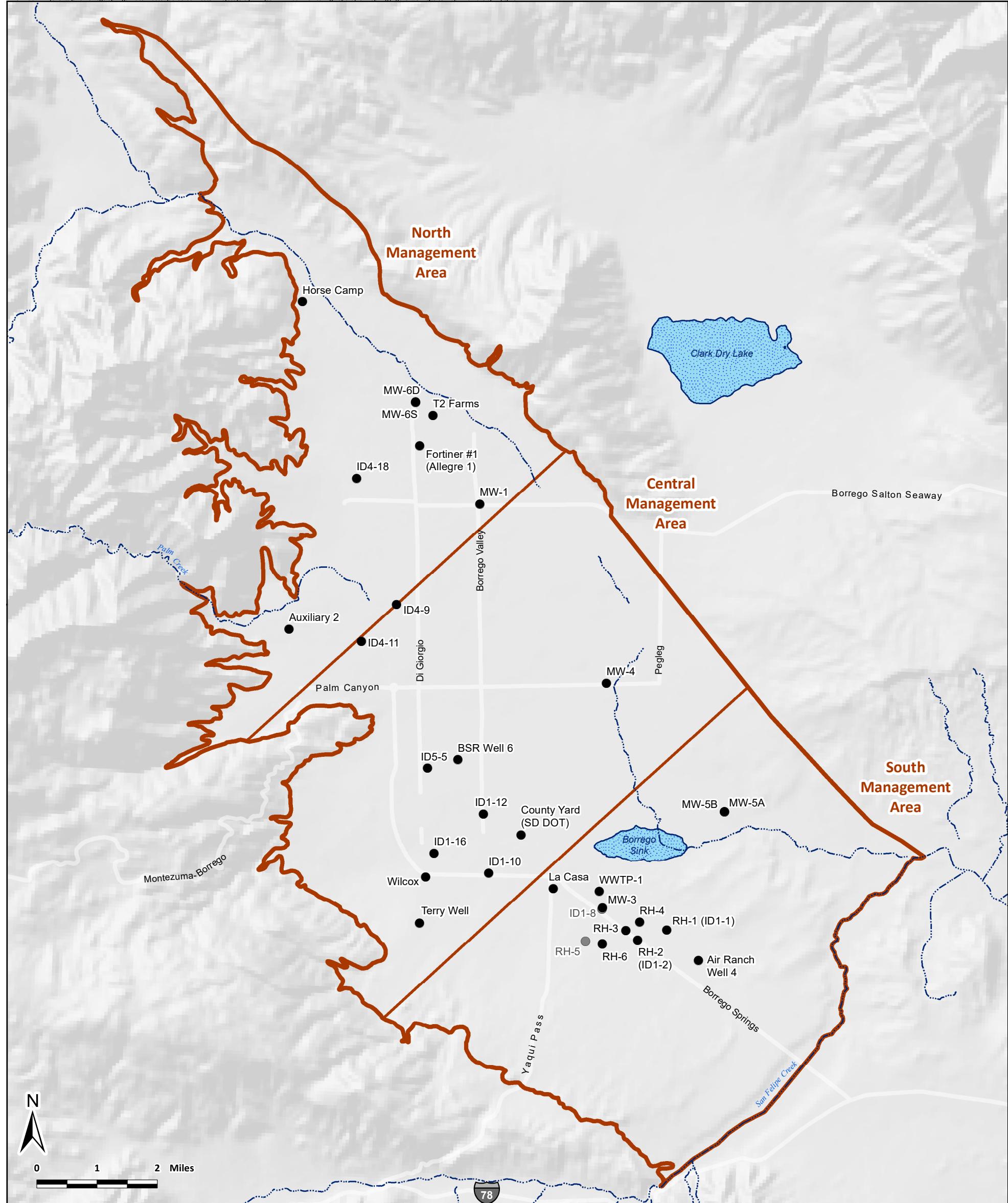
Wells Monitored for Groundwater Level in Spring 2024

- Manual Water-Level Data
- Transducer Water-Level Data
- Unable to Measure Water-Level



Borrego Springs Watermaster

Groundwater Monitoring Plan



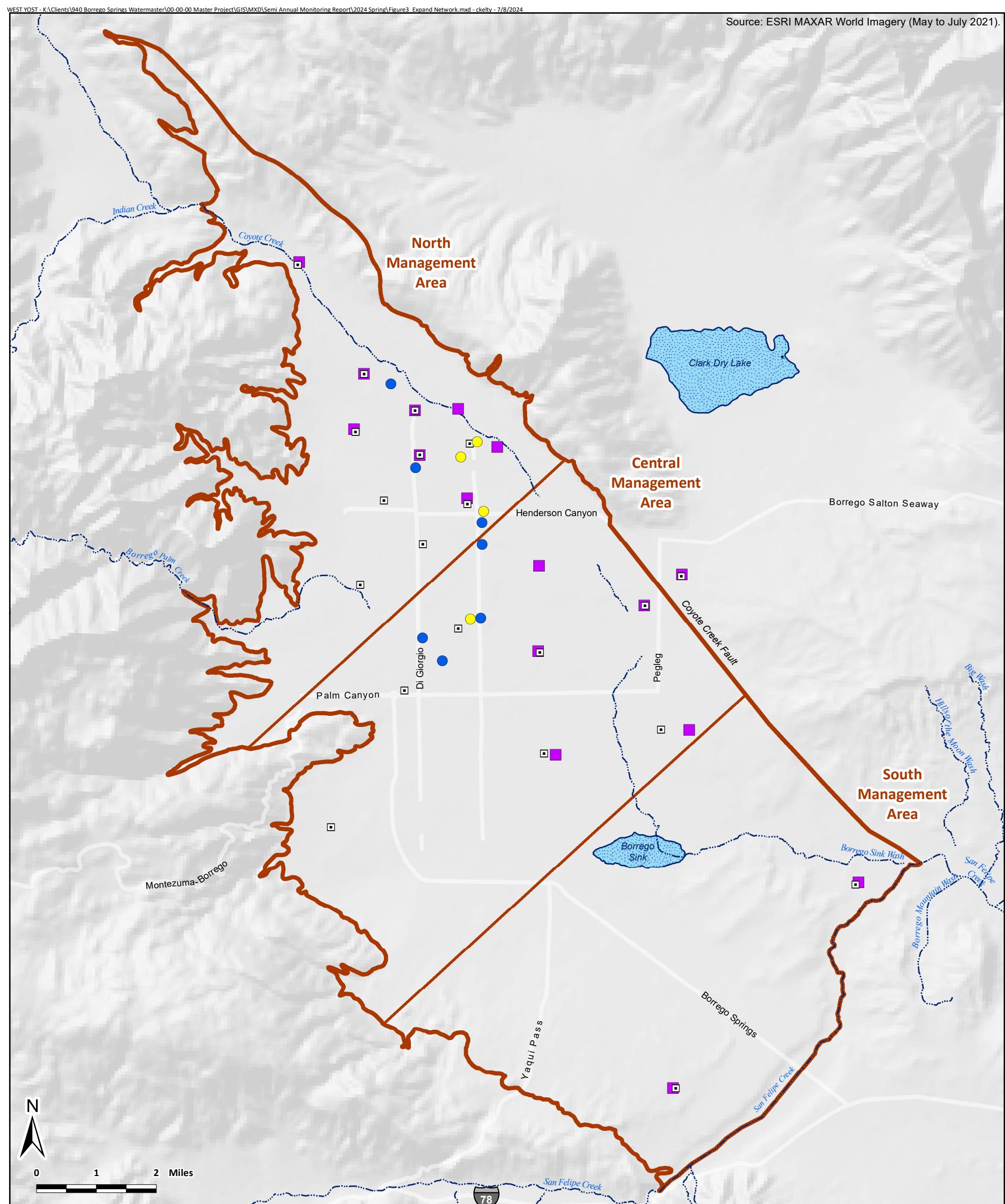
Groundwater-Quality Monitoring Network - Spring 2024

- Well Sampled for Water Quality
- Unable to Sample Well for Water Quality

Borrego Springs Subbasin with Management Area Divisions



Borrego Springs Watermaster
Groundwater Monitoring Plan

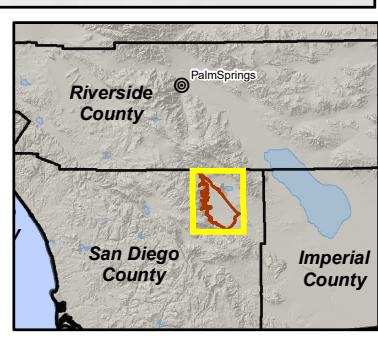


Groundwater Wells Evaluated in Spring 2024

- Yellow dot: Well Being Considered for Groundwater-Level Monitoring Network
- Blue dot: Well Being Considered for Groundwater-Quality Monitoring Network

Other Features

- Purple square: Area of Recommended Additional Water-Level Monitoring
- White square: Area of Recommended Additional Water-Quality Monitoring
- Orange rectangle: Borrego Springs Subbasin with Management Area Divisions



Borrego Springs Watermaster

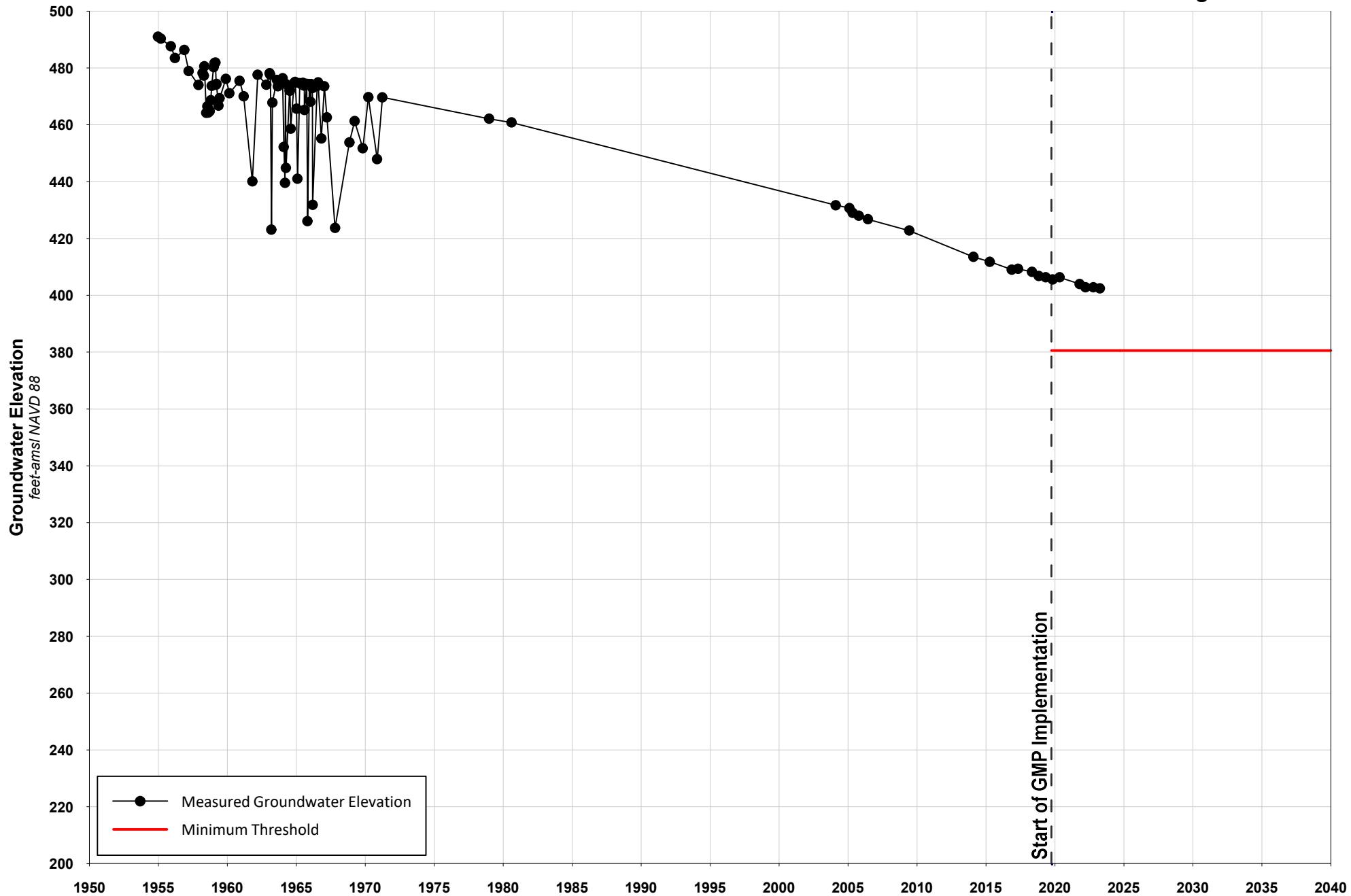


Figure 4a

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well Airport 2

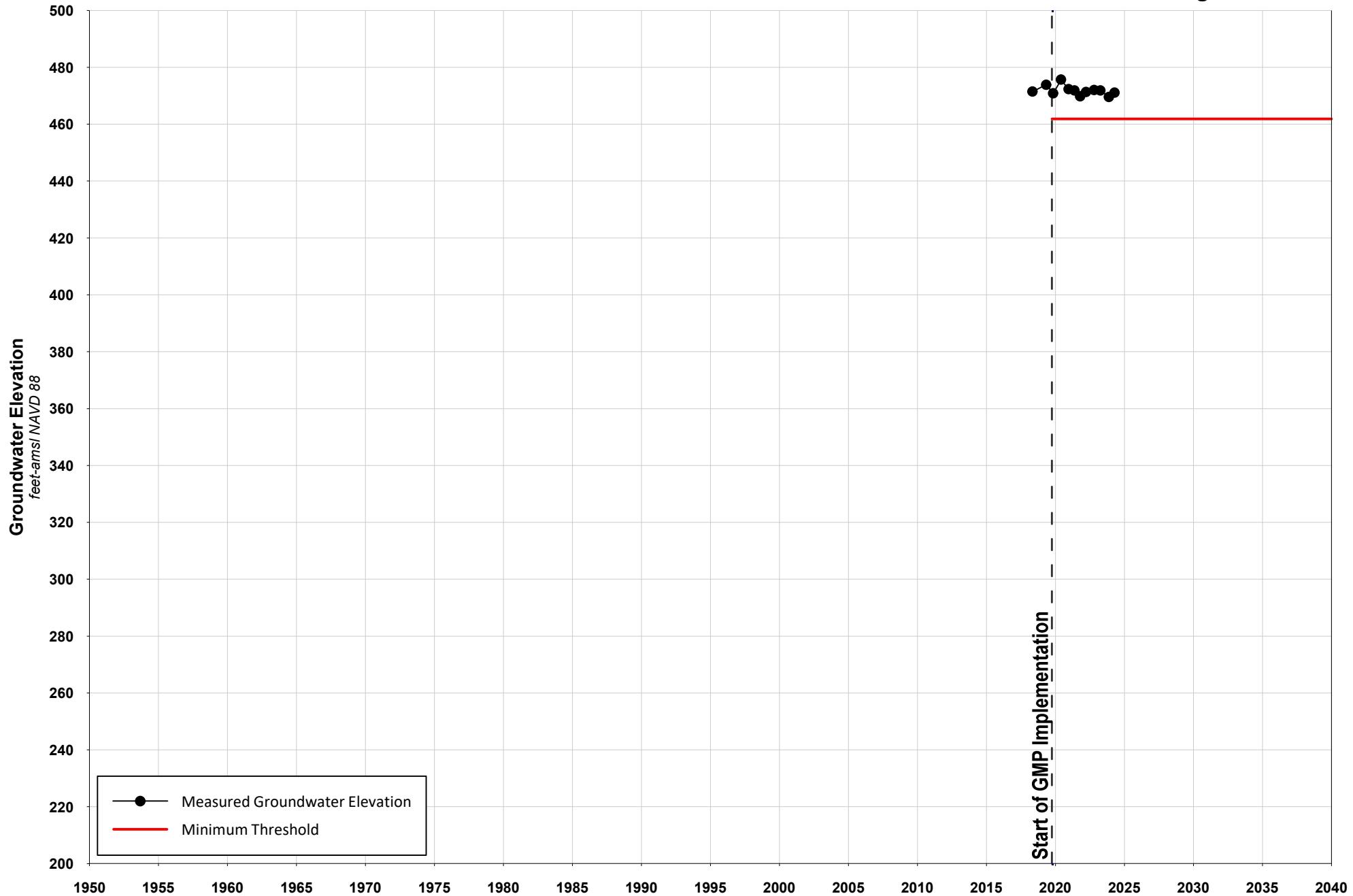


Figure 4b

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well Air Ranch 4

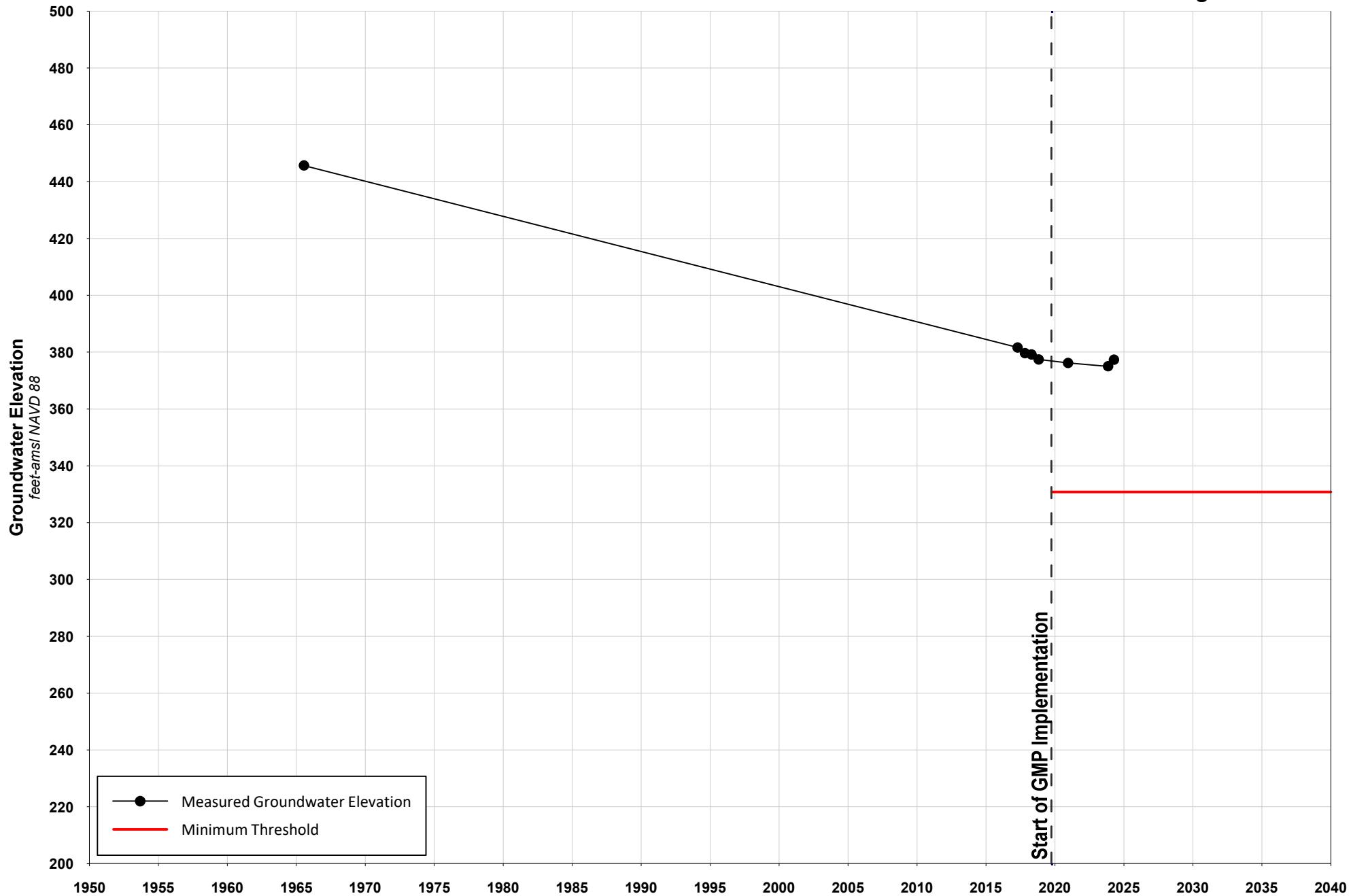


Figure 4c

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well Fortiner #1

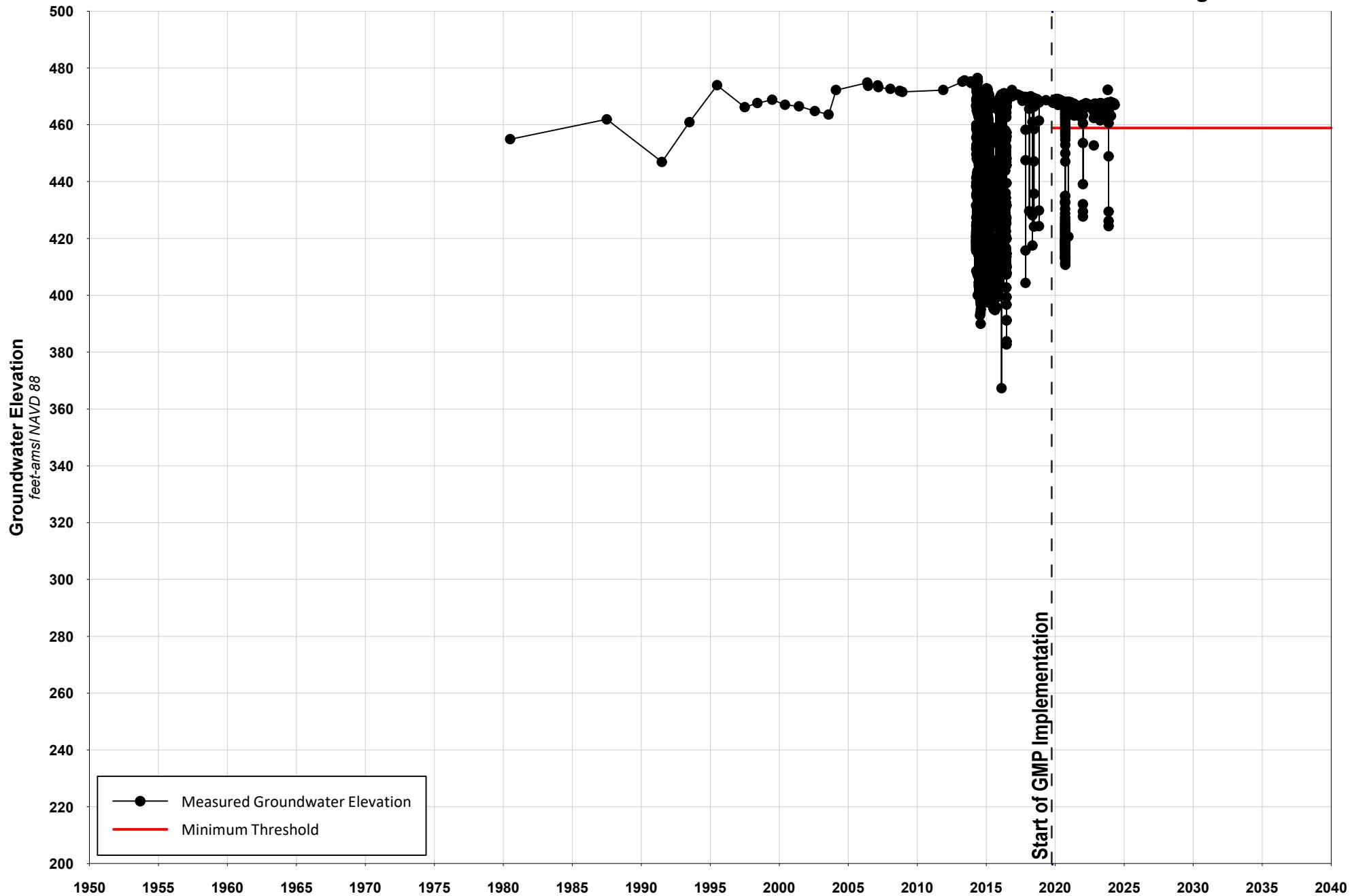


Figure 4d

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well RH-1

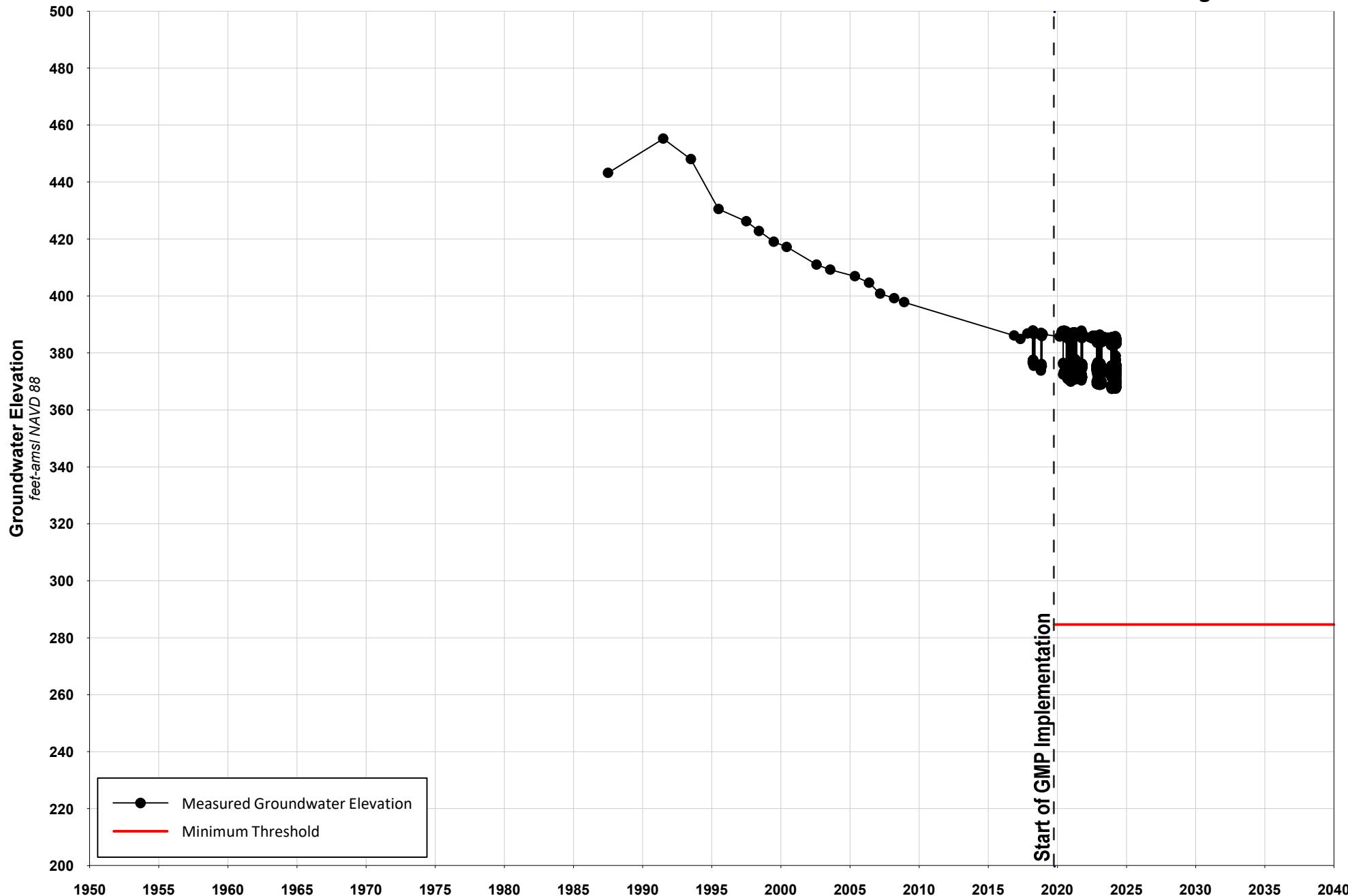


Figure 4e

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well ID1-12

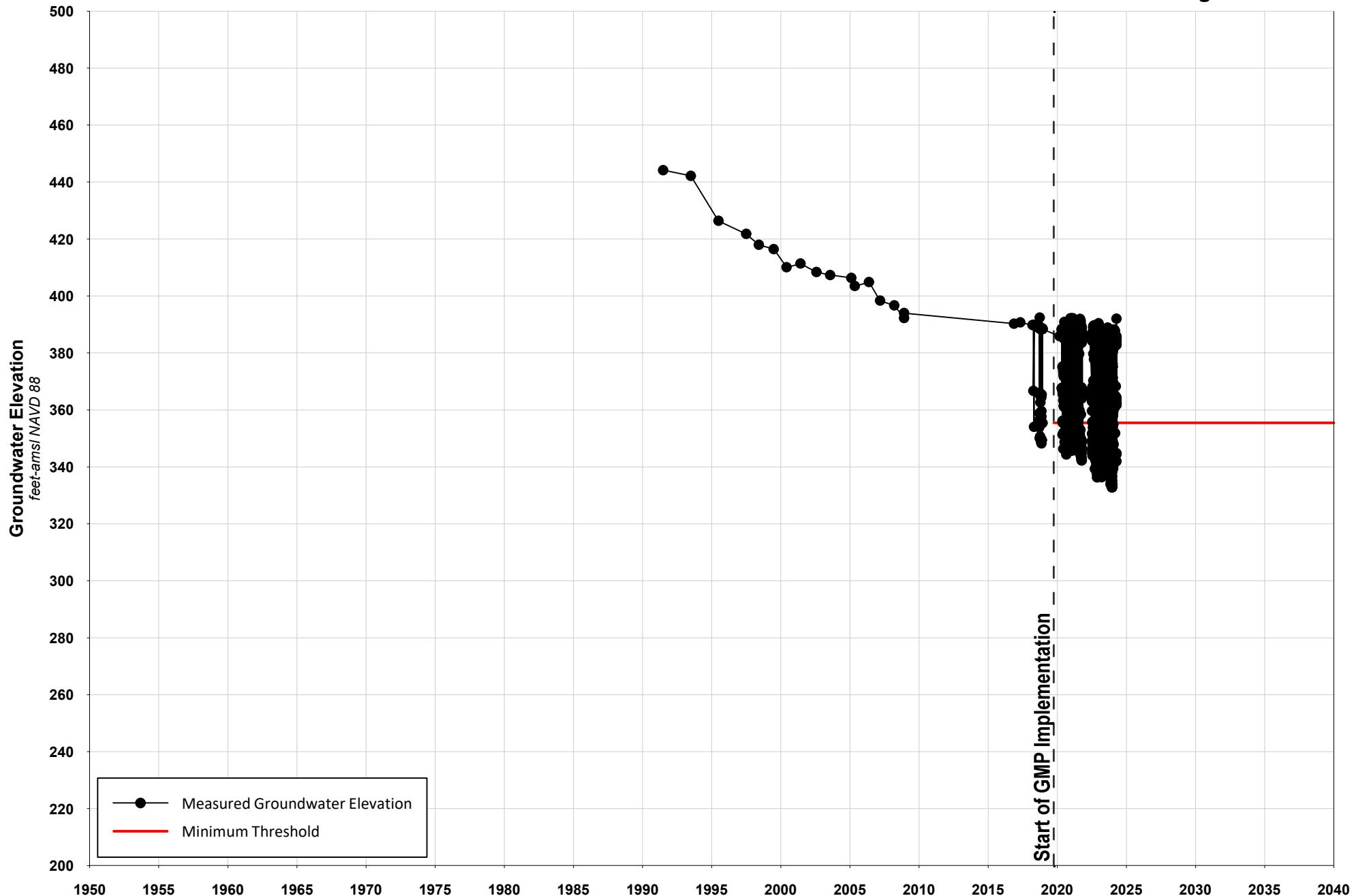


Figure 4f

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well ID1-16

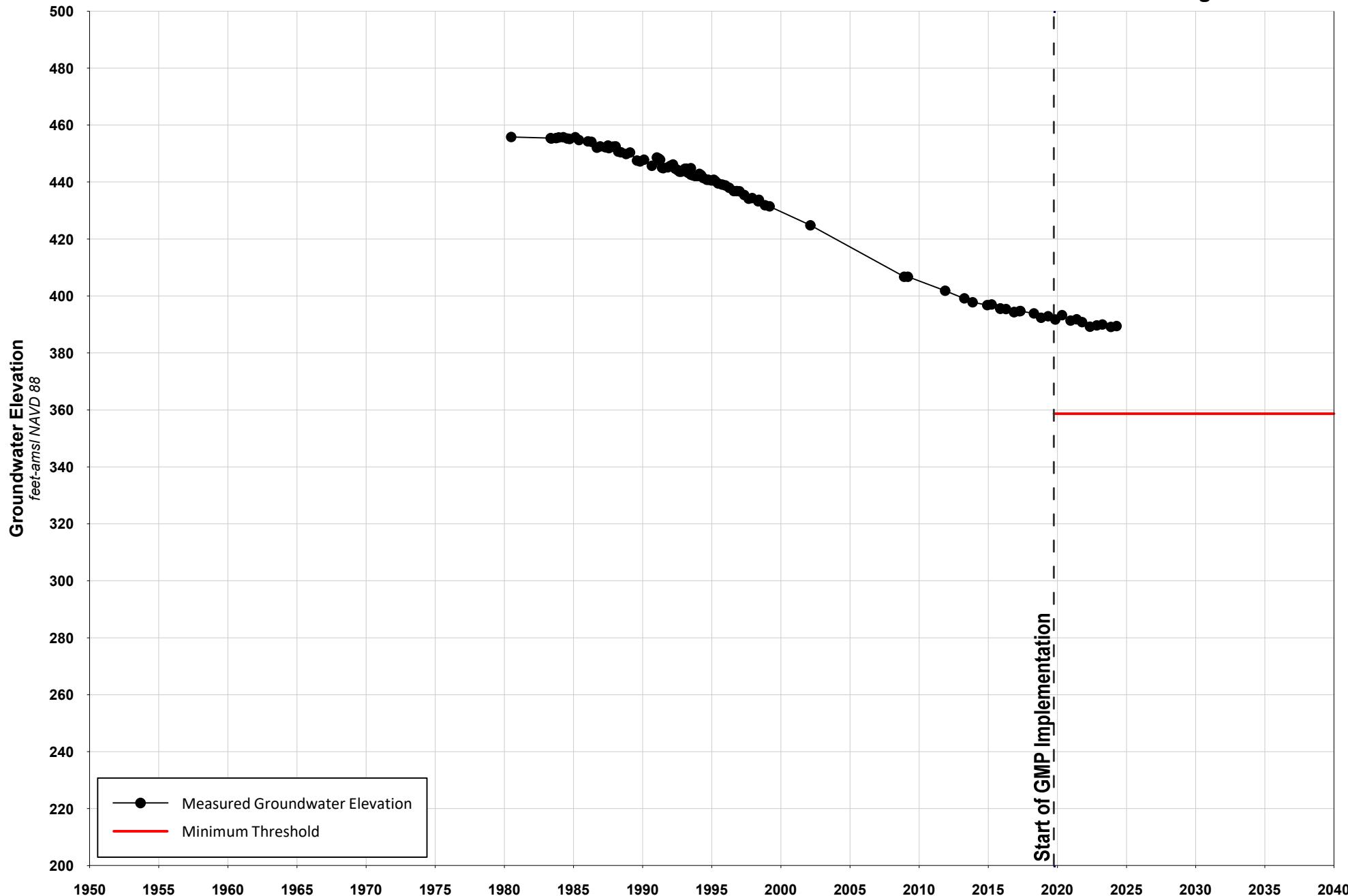


Figure 4g

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well ID4-1

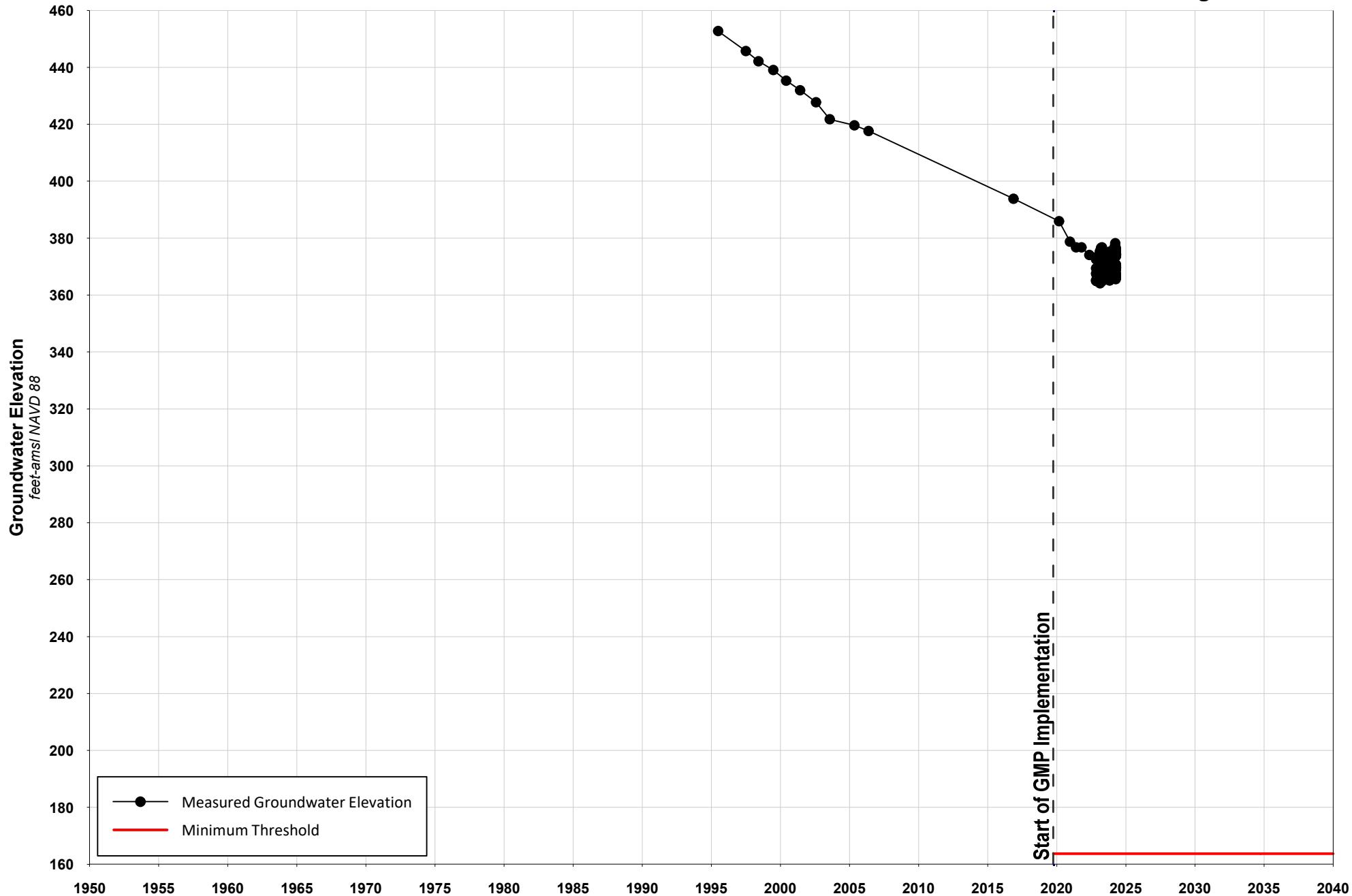


Figure 4h

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well ID4-11

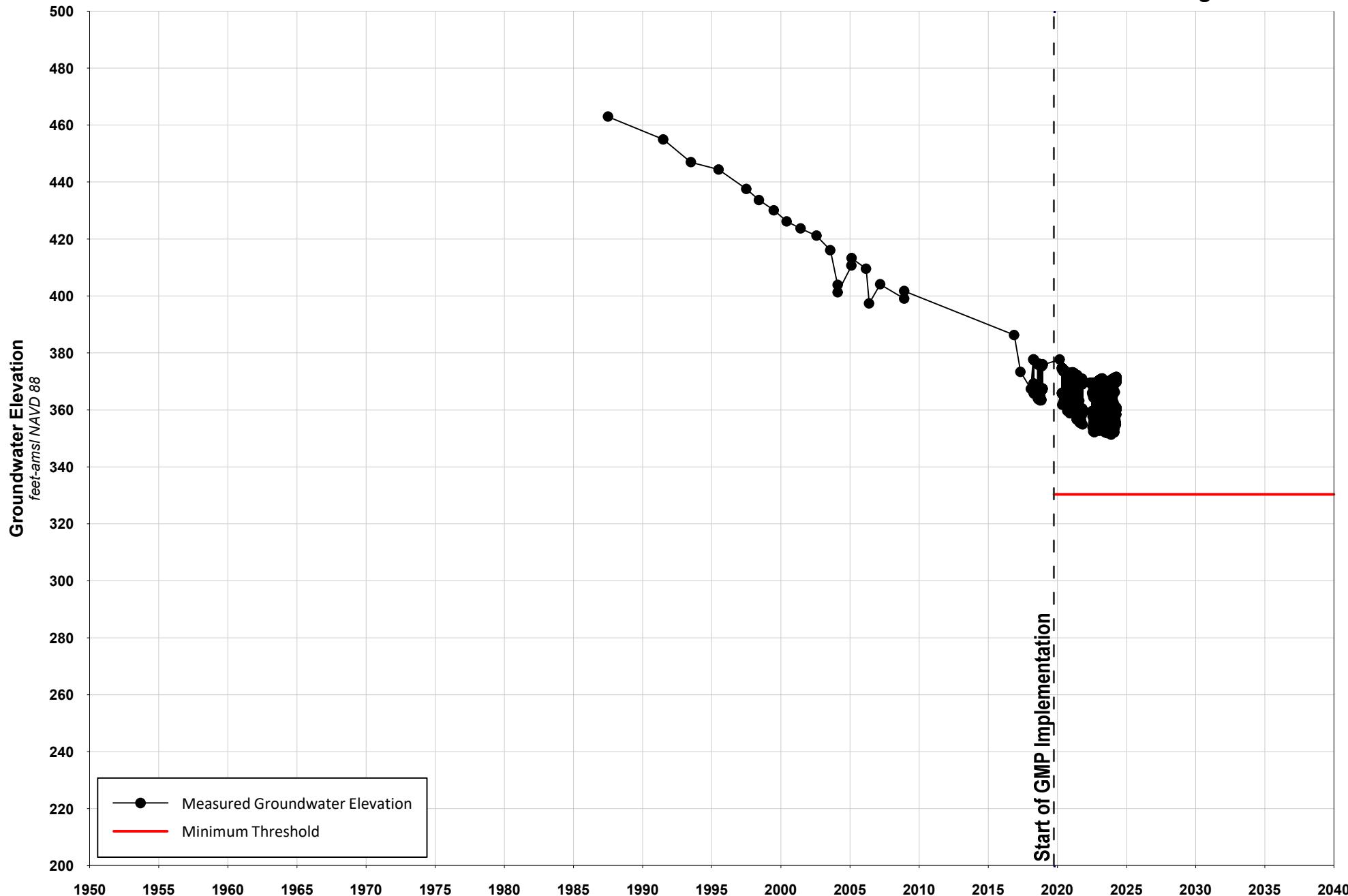


Figure 4i

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well ID4-18

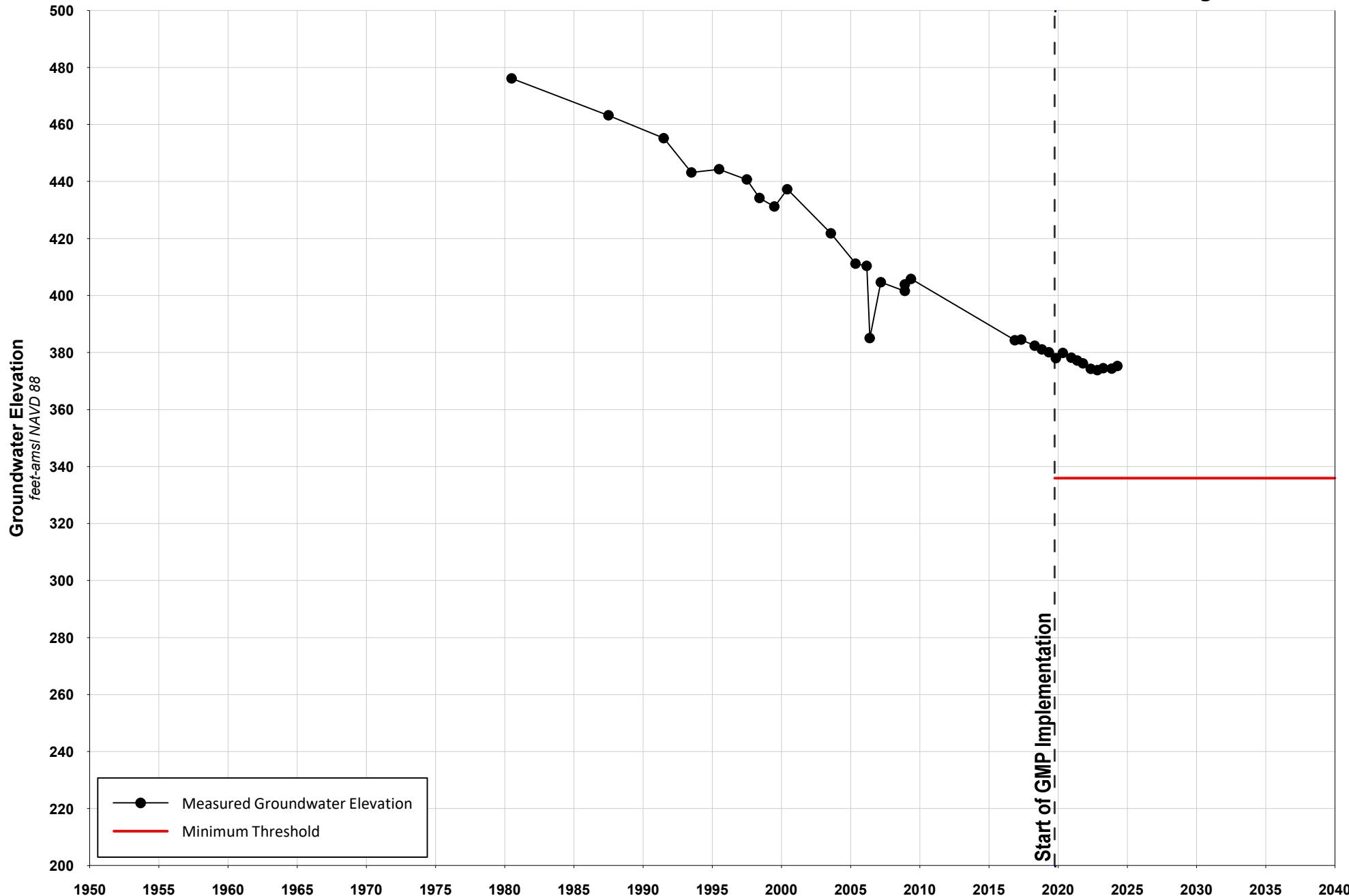
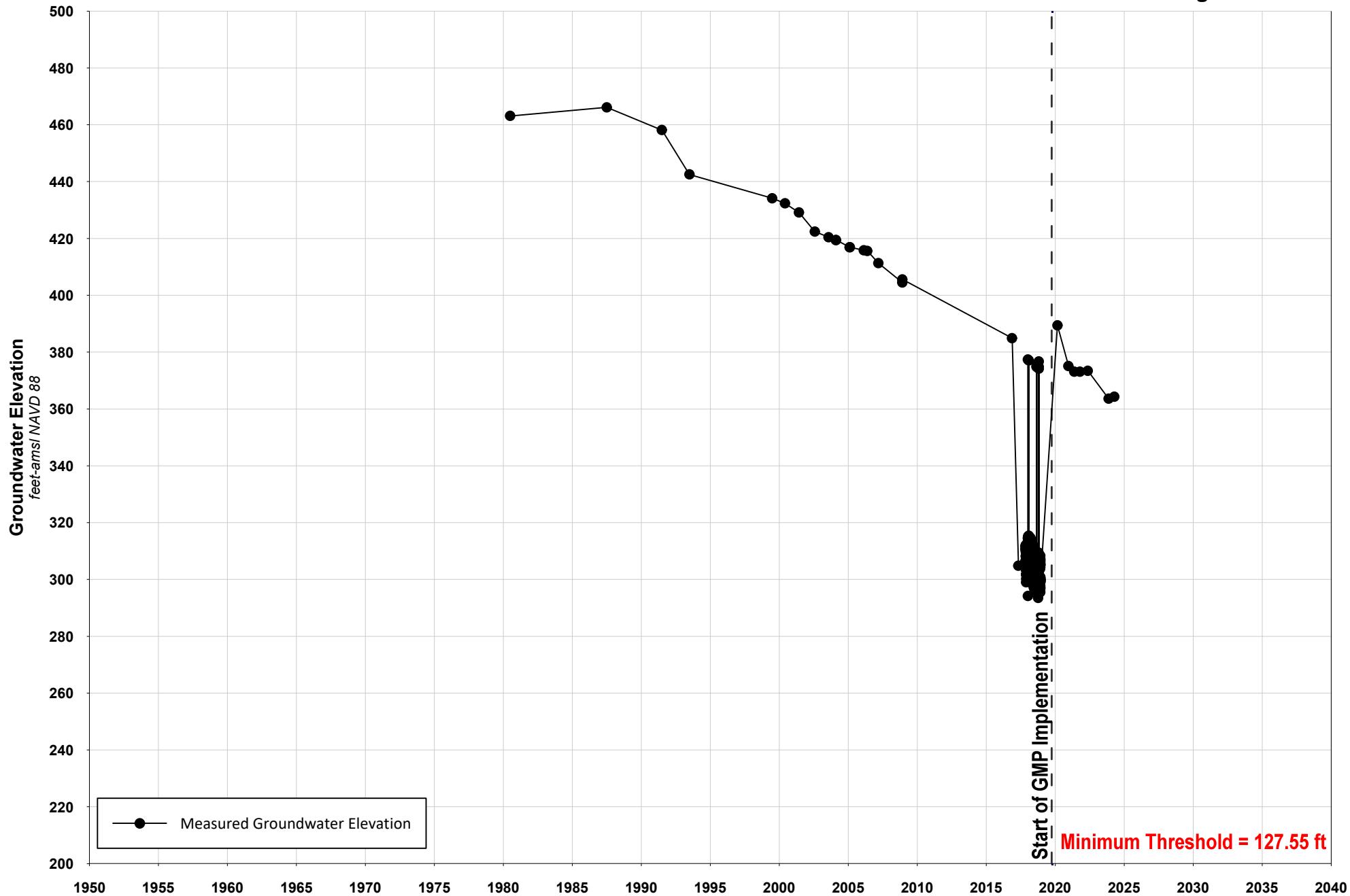


Figure 4j

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well ID4-3



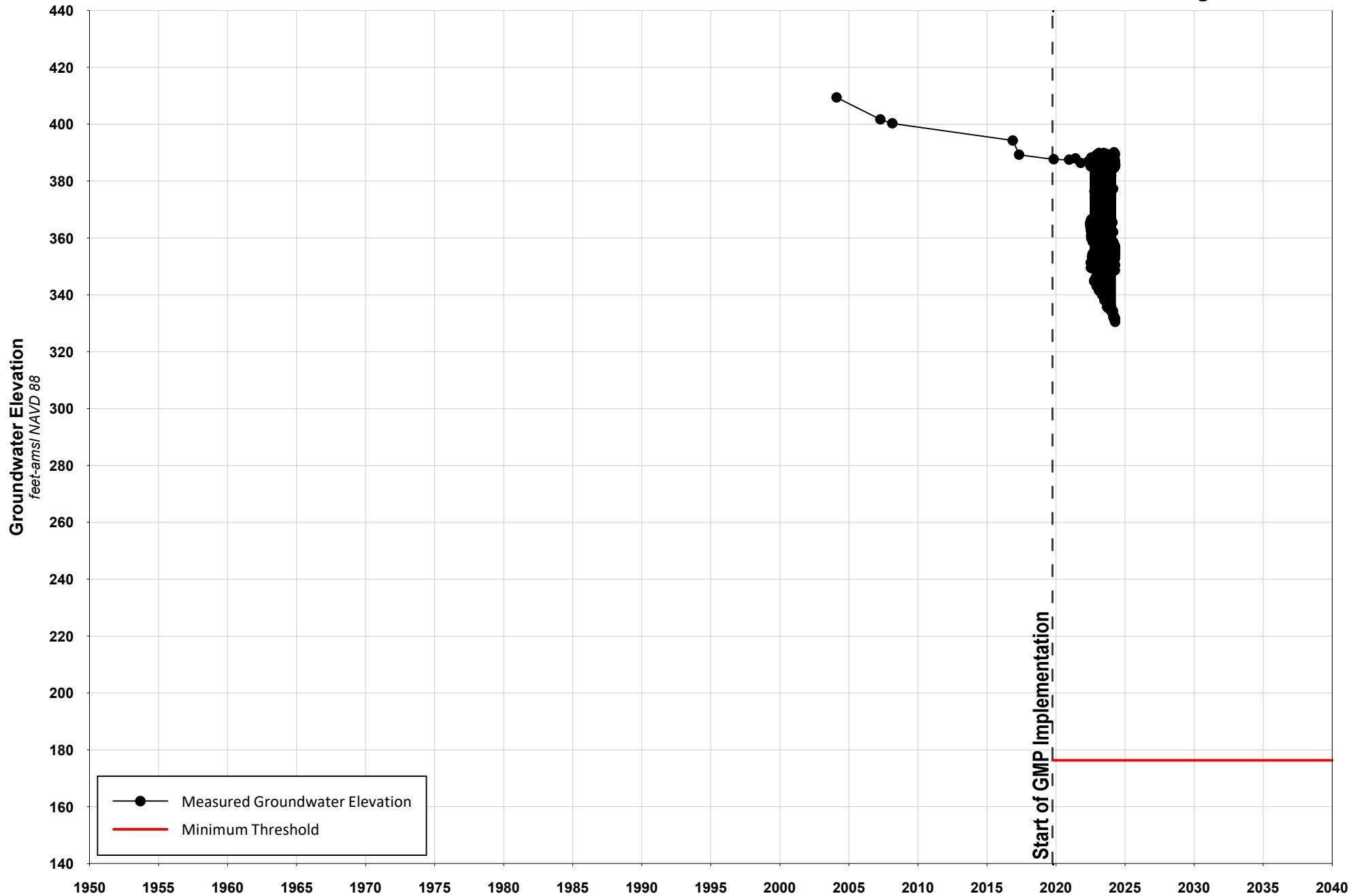


Figure 41

Groundwater Level and Sustainable Management Criteria at Representative Monitoring Well ID5-5

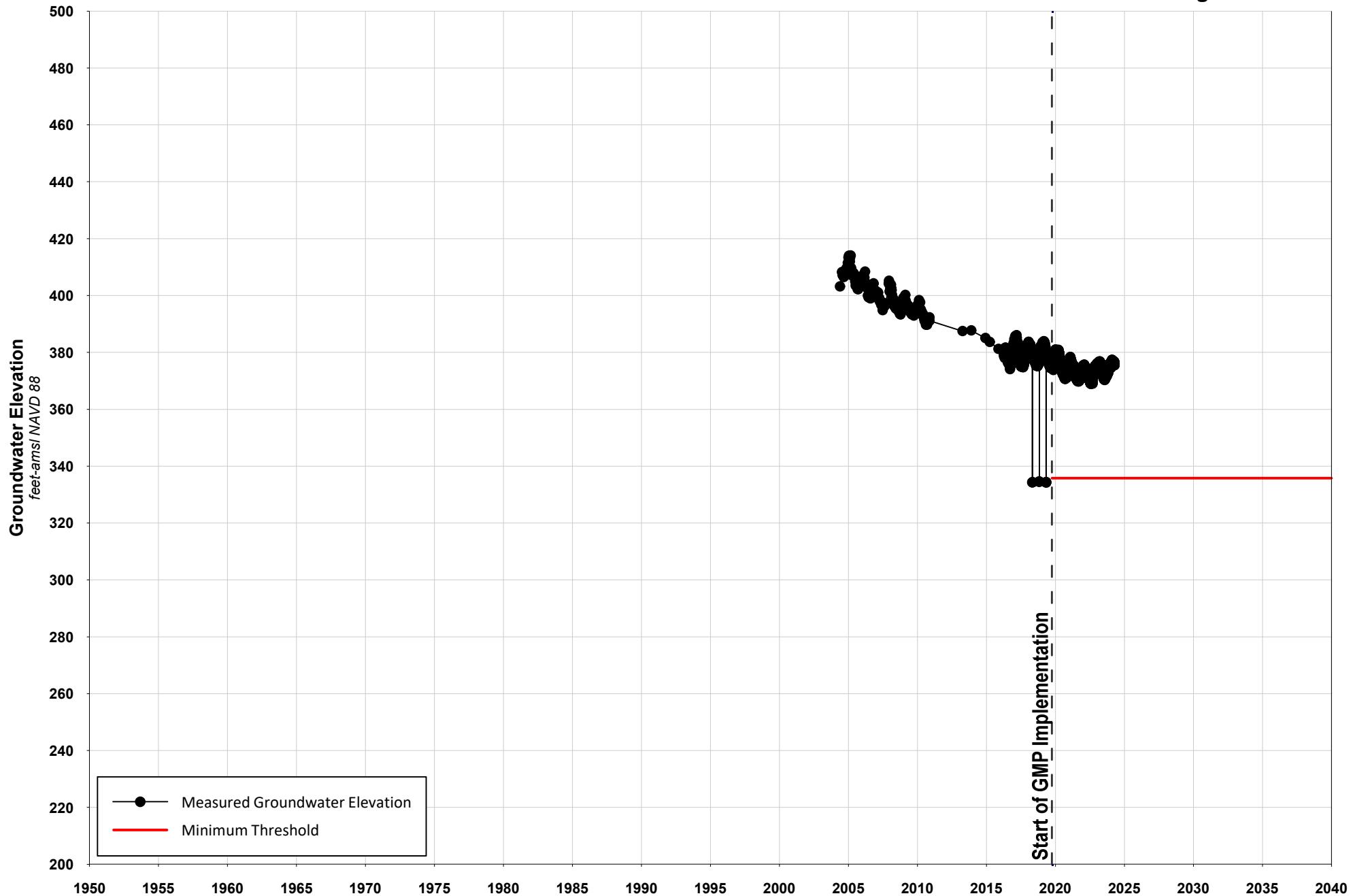


Figure 4m

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well MW-1

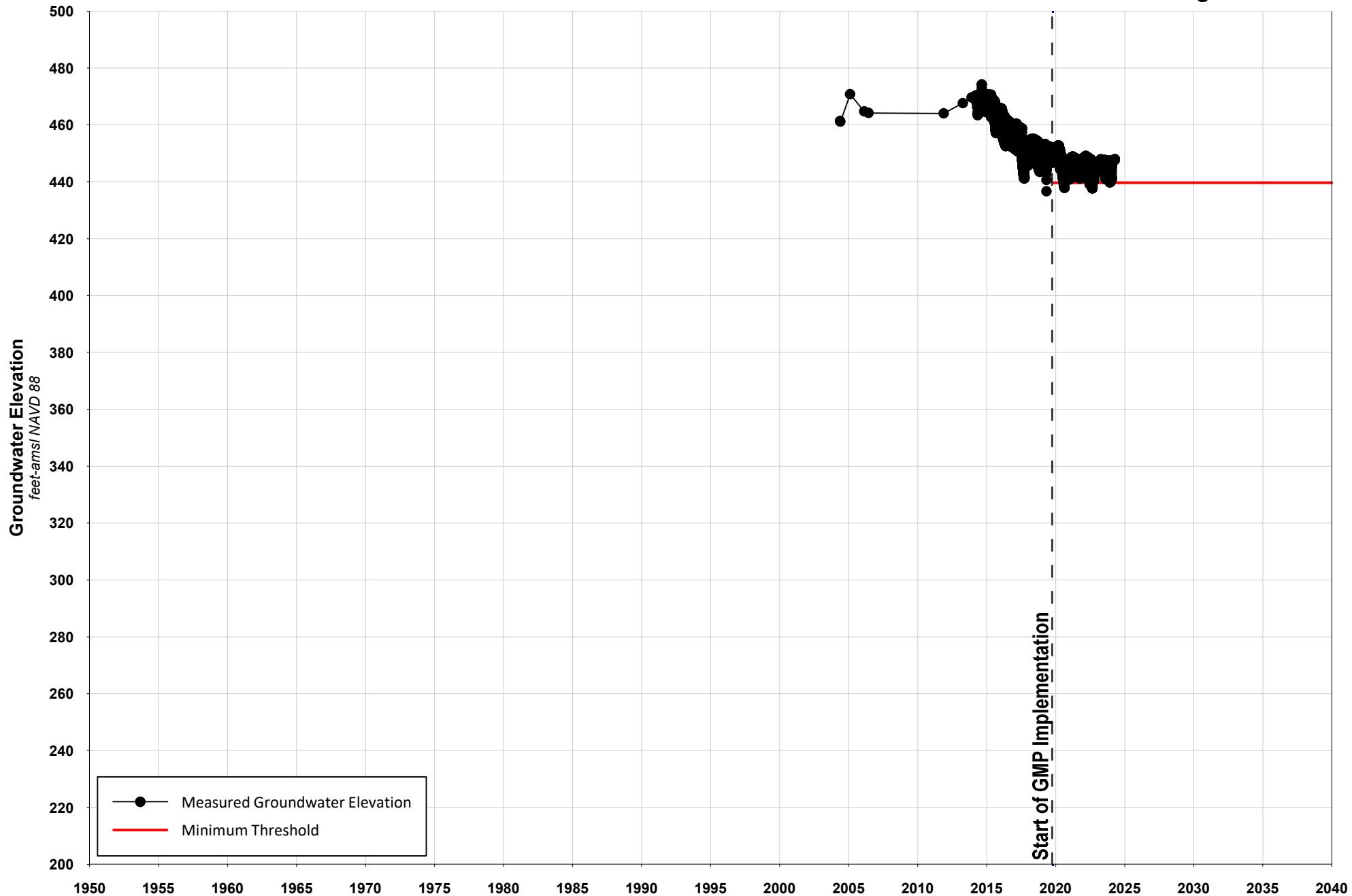


Figure 4n

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well MW-3

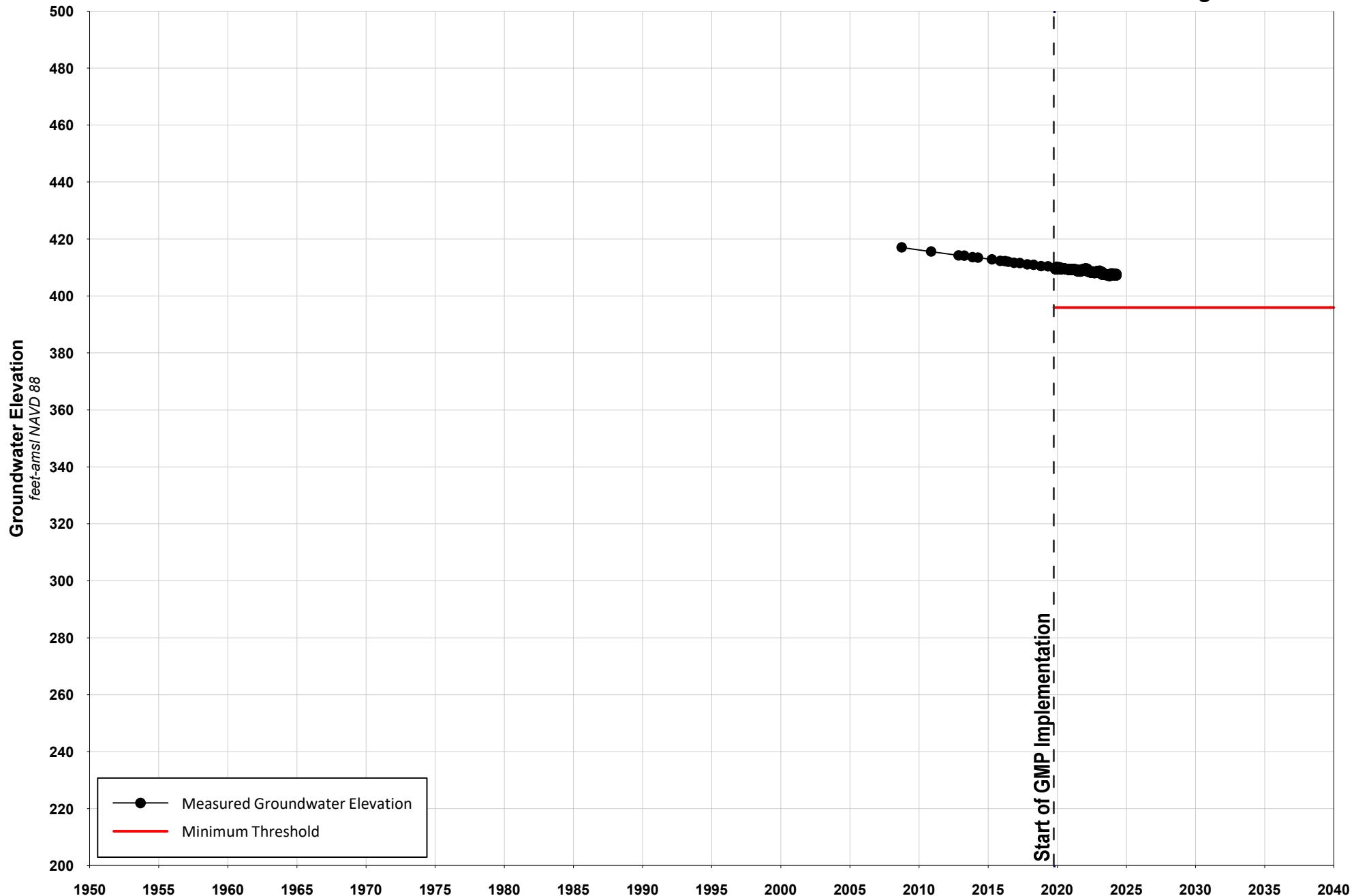


Figure 40

Groundwater Level and Sustainable Management Criteria
at Representative Monitoring Well MW-5A

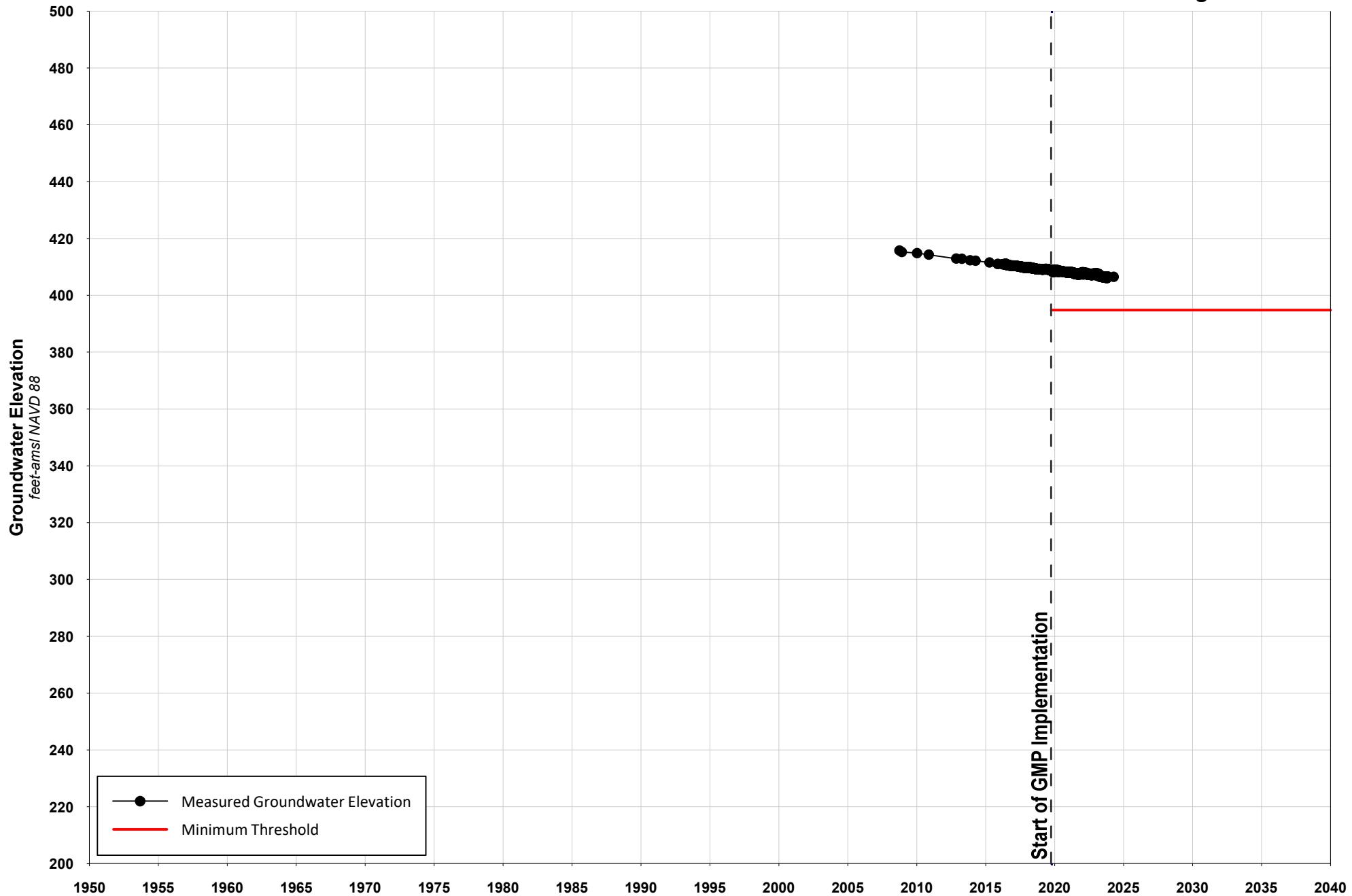
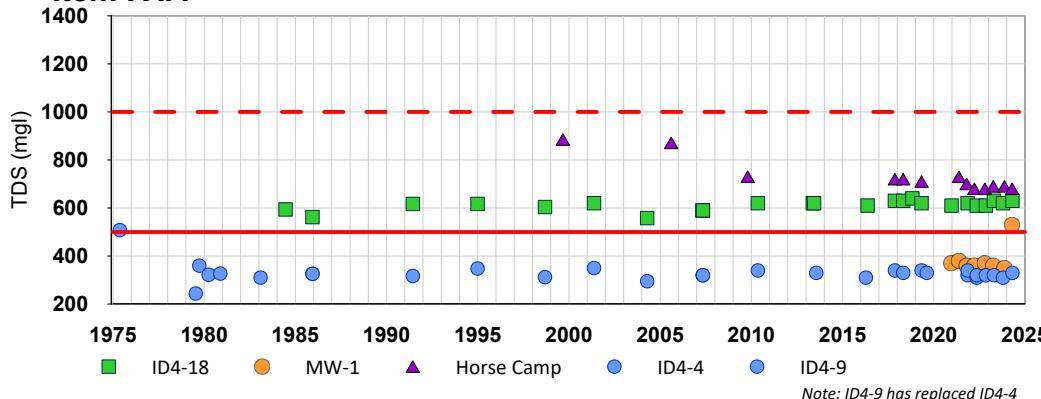


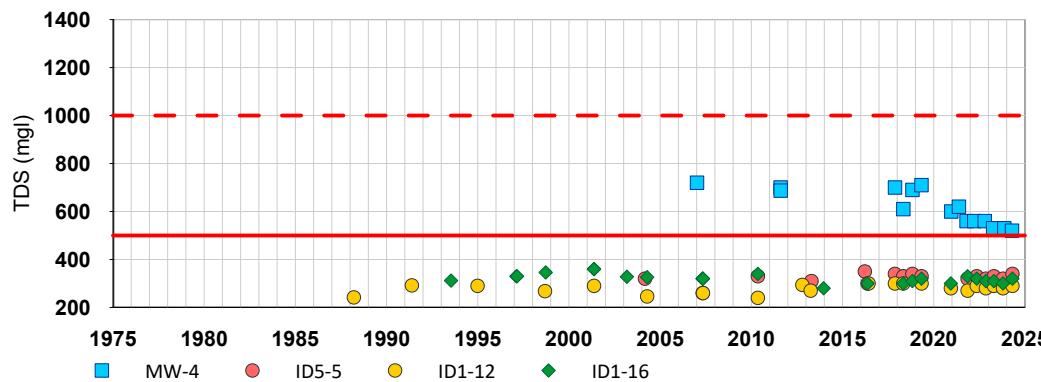
Figure 4p

Groundwater Level and Management Sustainable Criteria
at Representative Monitoring Well MW-5B

North Management Area Item IV.A



Central Management Area



South Management Area

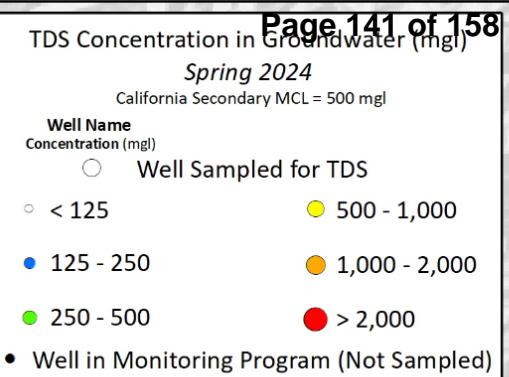
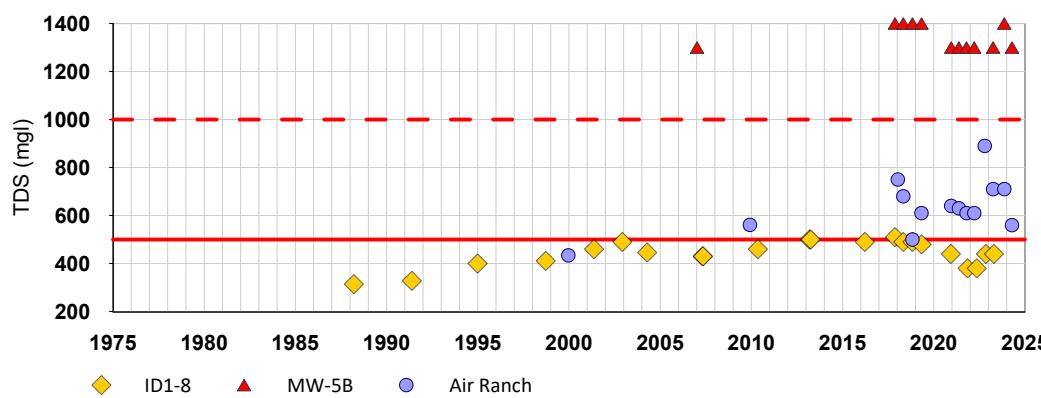
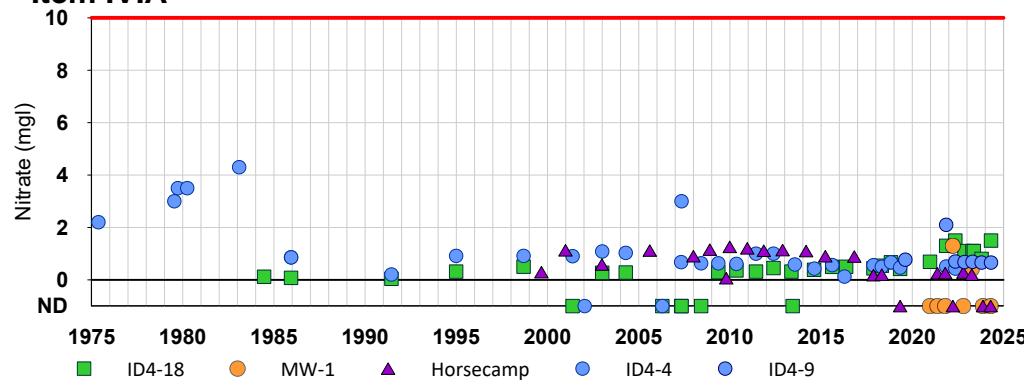
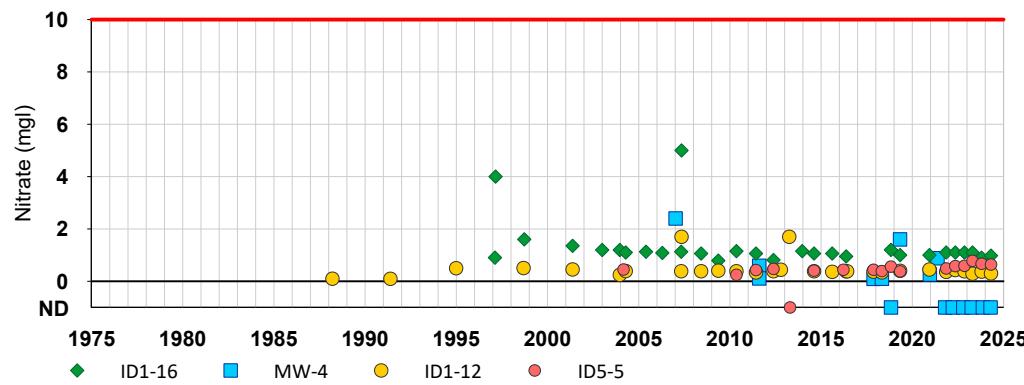


Figure 5
Total Dissolved Solids (TDS) in Groundwater

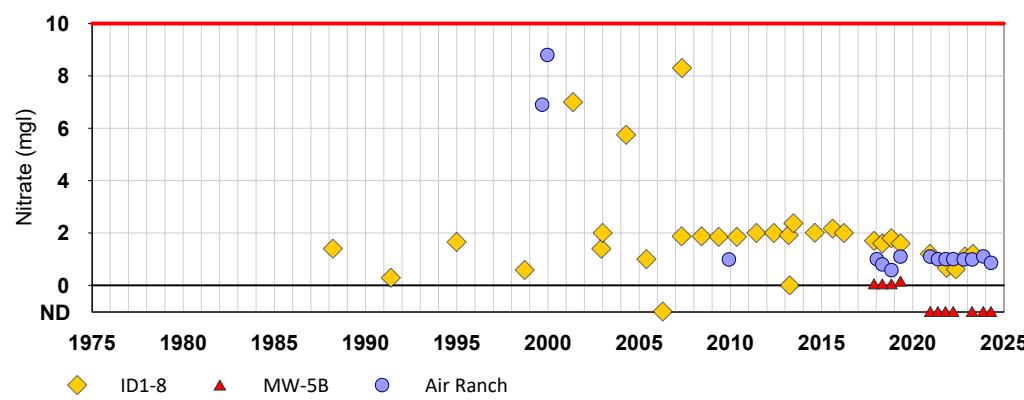
North Management Area Item IV.A



Central Management Area



South Management Area



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Nitrate Concentration in Groundwater (mg/l)

Spring 2024

California Primary MCL = 10 mg/l

Well Name
Concentration (mg/l)

Well Sampled for Nitrate

- Non Detect
- <5
- 5 - 10
- Well in Monitoring Program (Not Sampled)

10 - 20

20 - 40

> 40

Figure 6

Nitrate (as Nitrogen) in Groundwater

California Primary MCL = 10 mg/l

California Primary MCL = 10 mg/l

Well Name
Concentration (mg/l)

g. Non-Detect

10 - 30

5

● 20 - 40

- Well in Monitoring Program (Not Sampled)

The logo for West Yost Water. Engineered. It features a stylized 'W' composed of two overlapping bars, one green and one blue. To the right of the 'W', the word 'WEST' is written in a bold, blue, sans-serif font. To the right of 'WEST', the word 'YOST' is written in a larger, bold, blue, sans-serif font. Below 'WEST' and 'YOST', the words 'Water. Engineered.' are written in a smaller, blue, sans-serif font.

Author: CK
Date: 20240603
File: Nitrate

Wells by Principal Aquifer

Upper

Upper and Middle

Groundwater Aquifer

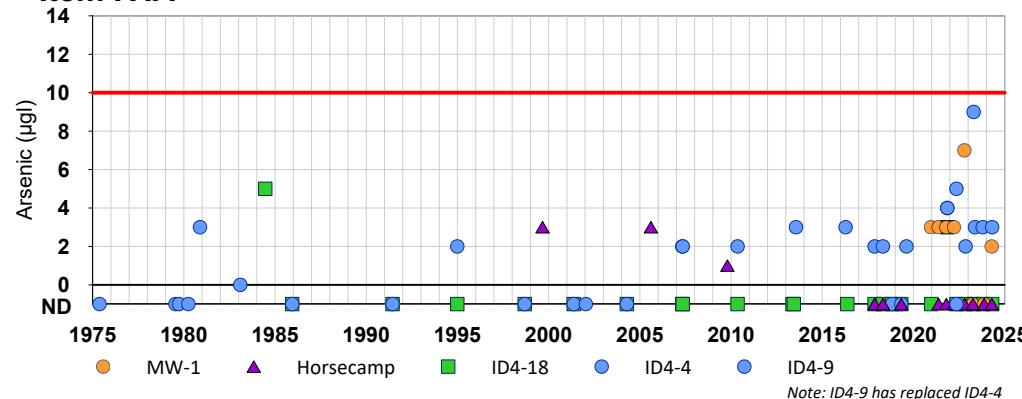
◆ Lower

◆ Upper, Middle, and Lower

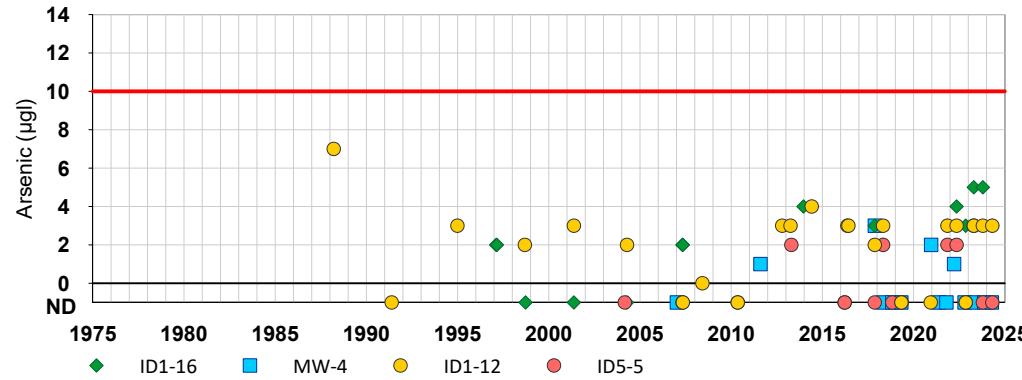
Maximum Contaminant Level

— Primary MCL

North Management Area



Central Management Area



South Management Area

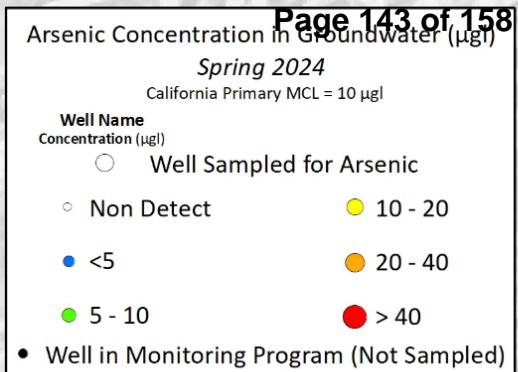
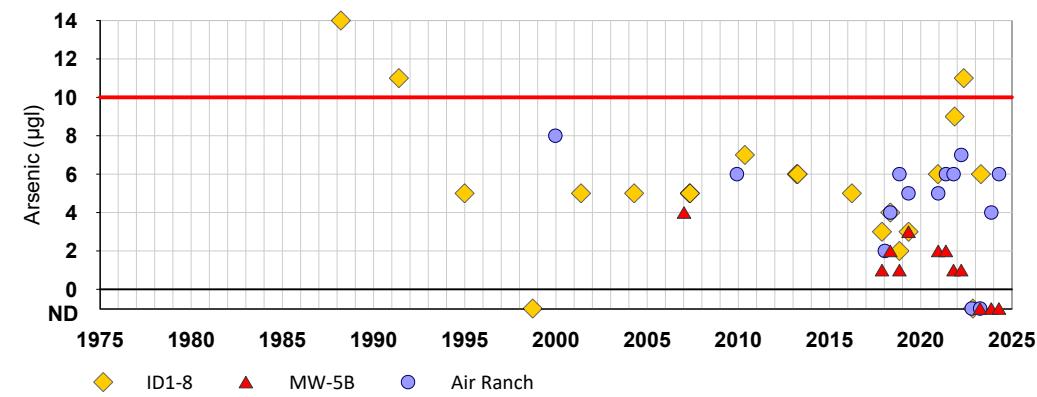
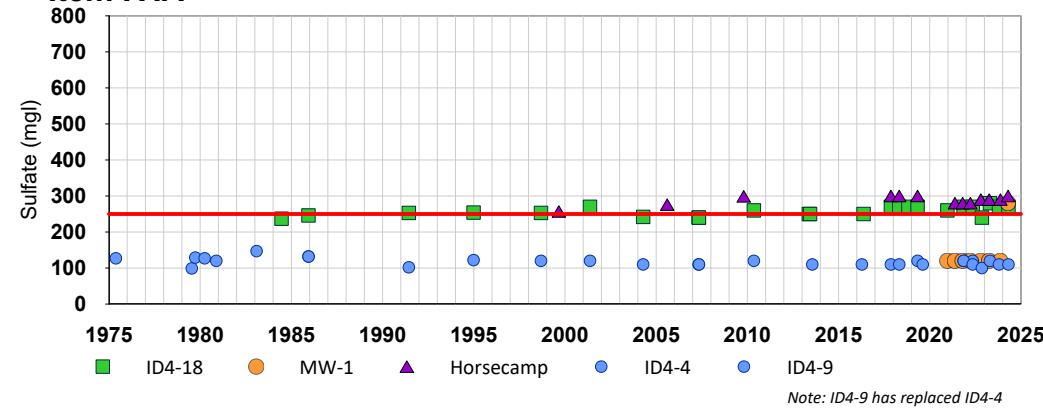


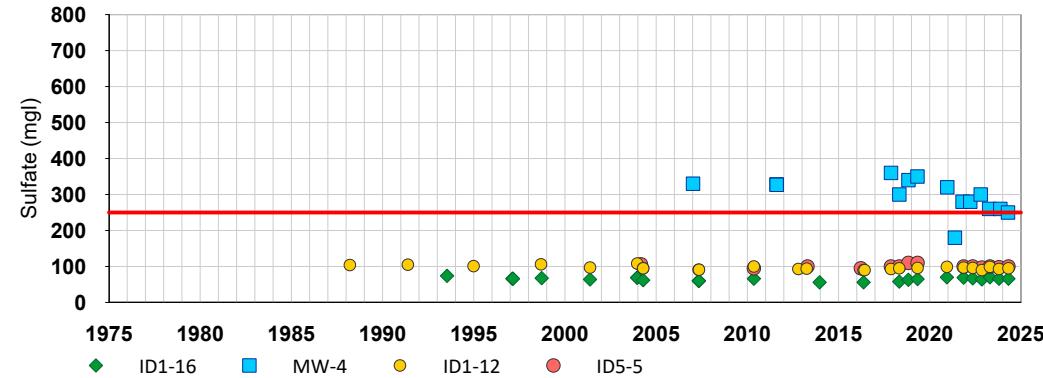
Figure 7

Arsenic in Groundwater

North Management Area



Central Management Area



South Management Area

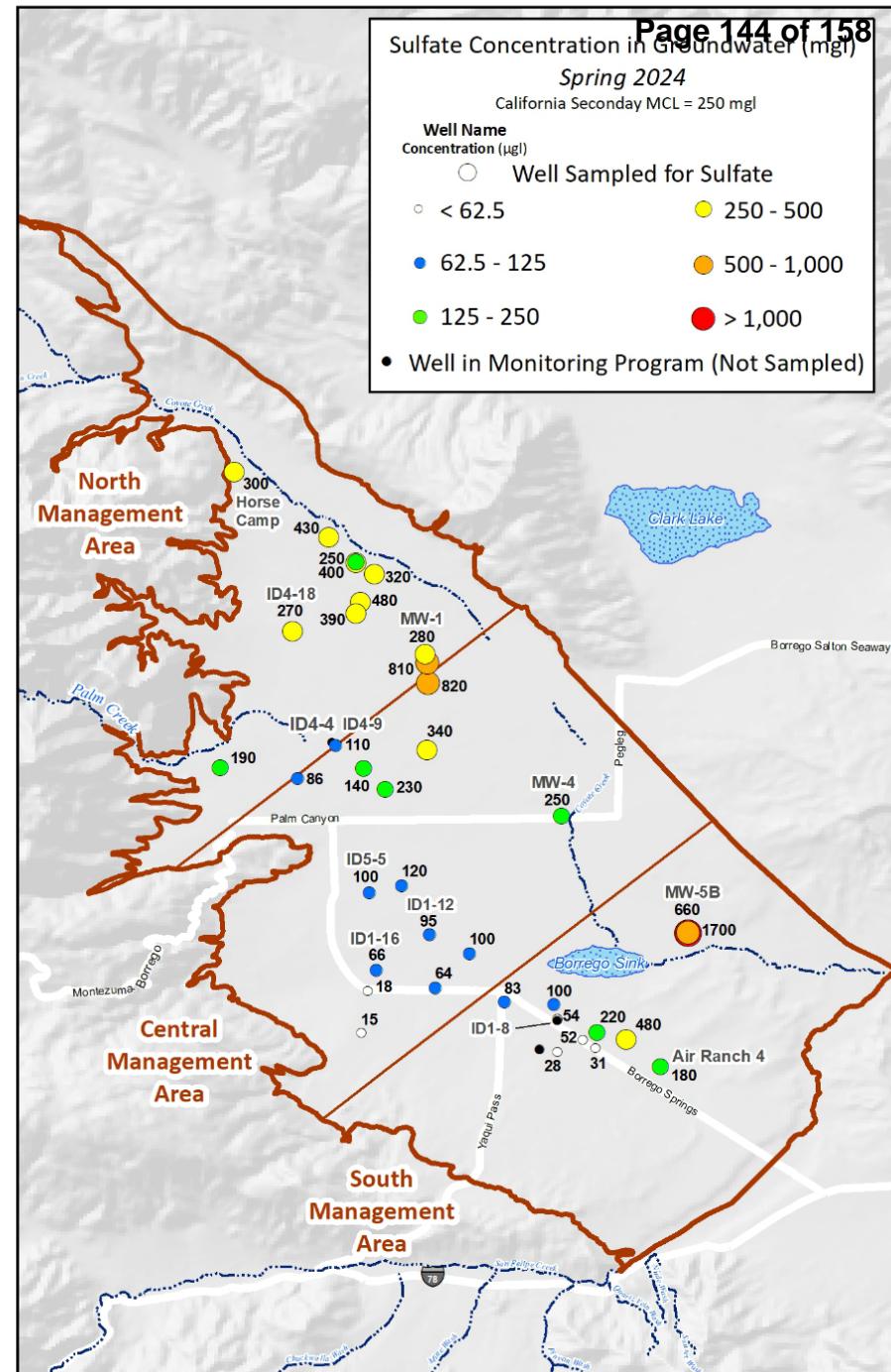
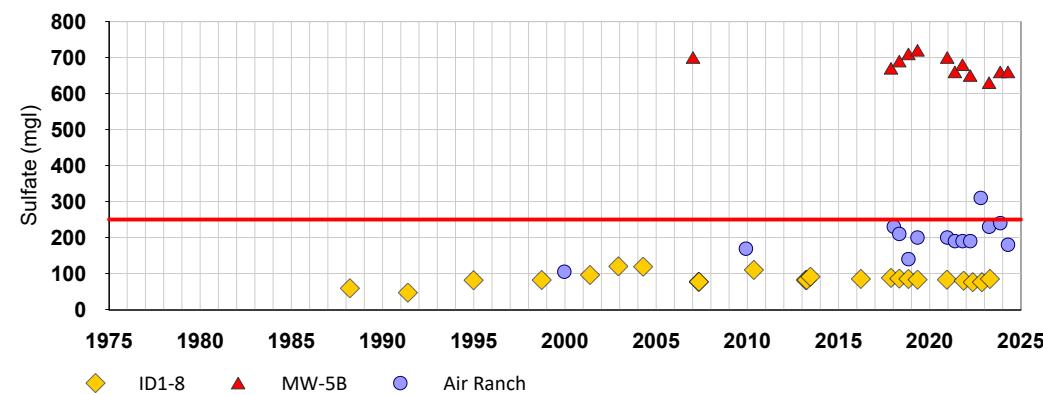


Figure 8

Author: CK
Date: 20240603
File: Sulfate

The logo for West Yost Water. Engineered. It features a stylized 'W' composed of two overlapping triangles, one green and one blue. To the right of the 'W', the word 'WEST' is in bold blue capital letters, and 'YOST' is in bold black capital letters. Below the 'W' and the two words is the tagline 'Water. Engineered.' in a smaller, black, sans-serif font.

Wells by Principal Aquifer

△ Upper

Upper and Middle

Groundwater Aquifer

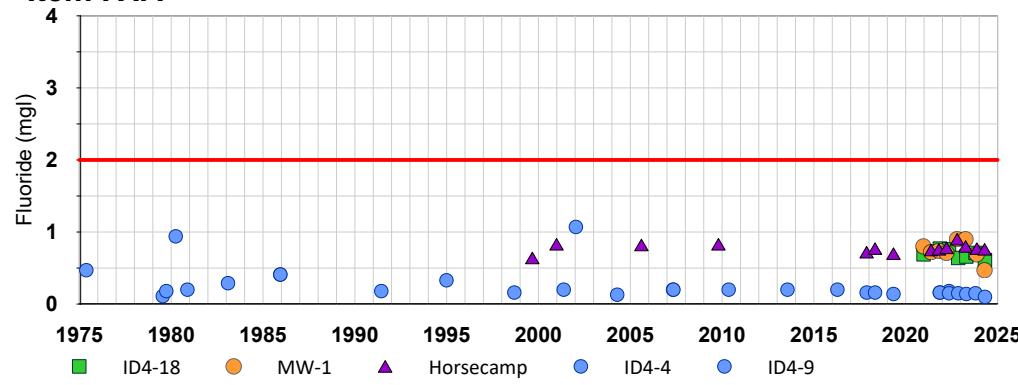
◊ Lower

Maximum Contaminant Level

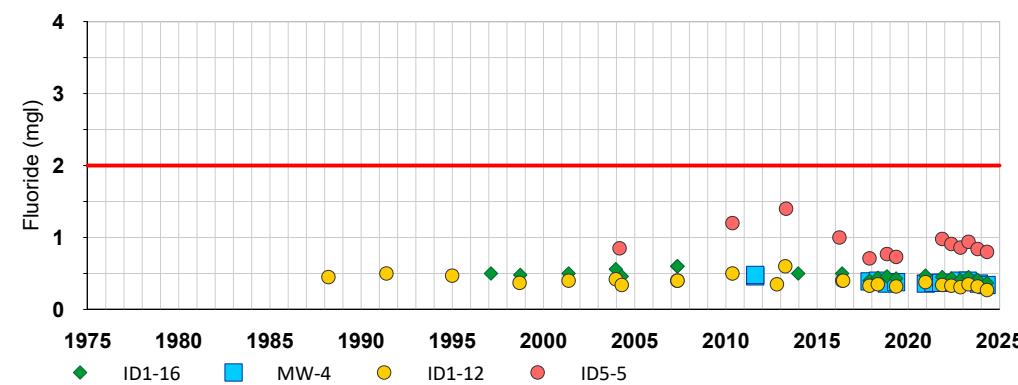
— Secondary MCL

Sulfate in Groundwater

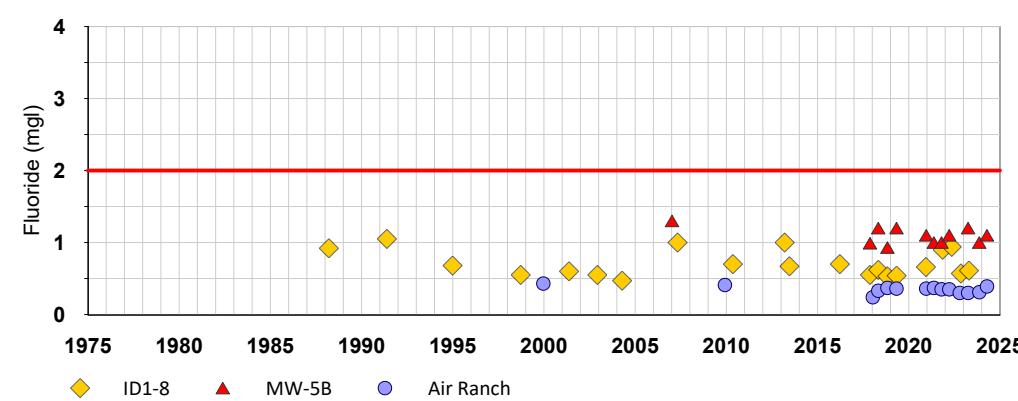
North Management Area Item IV.A



Central Management Area



South Management Area



Fluoride Concentration in Groundwater (mg/l) Page 145 of 158

Spring 2024

California Primary MCL = 2 mg/l

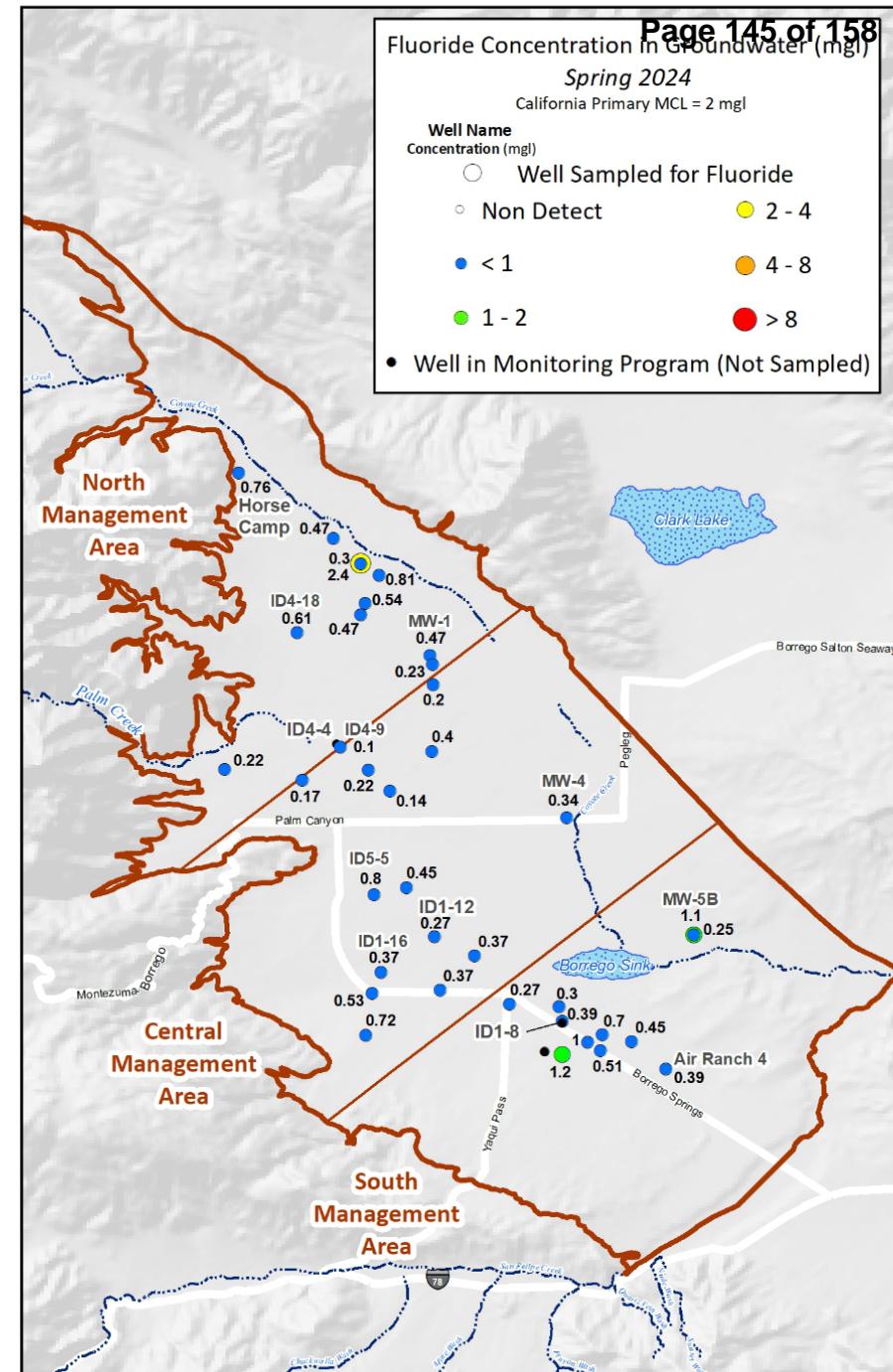


Figure 9

Fluoride in Groundwater

Table 1. Groundwater Level and Quality Monitoring Network and Wells Monitored in Spring 2024

Local Well Name ⁽¹⁾	State Well ID	Well Use	Groundwater Monitoring Network			Comments	
			Water Level		Water Quality		
			Method if in program ⁽²⁾	Spring 2024	Well in program?	Spring 2024	
North Management Area							
ID4-18*	010S006E18J001S	Public Supply	transducer	x	yes	x	
ID4-3*	010S006E18R001S	Observation	manual	x			
ID4-4*	010S006E29K002S	Observation	manual	x			
ID4-9	010S006E29K003S	Public Supply	transducer	x	yes	x	
MW-1*	010S006E21A002S	Observation	transducer	x	yes	x	
Evans	010S006E21E001S	Observation	manual	x			
Horse Camp	009S006E31E003S	Other	manual	x	yes	x	
Fortiner #1*	010S006E09N001S	Domestic	manual	x	yes	x	
Auxiliary Well 3	010S005E25R002S	Other	transducer	x			
Auxiliary Well 2	010S005E25R001S	Other	manual	x	yes	x	
T2 Farms	010S006E09C001S	Irrigation	no		yes	x	
MW-6S	010S06E08A003S	Observation	manual	x	yes	x	
MW-6D	010S06E08A002S	Observation	manual	x	yes	x	
NMA-1	Private	Other			no	x	Well being considered for inclusion in monitoring program.
NMA-2	Private	Other	manual	x			Well being considered for inclusion in monitoring program.
NMA-3	Private	Domestic	manual	x			Well being considered for inclusion in monitoring program.
NMA-4	Private	Irrigation			no	x	Well being considered for inclusion in monitoring program.
NMA-5	Private	Irrigation	manual	x			Well being considered for inclusion in monitoring program.
NMA-6	Private	Irrigation			no	x	Well being considered for inclusion in monitoring program.
Central Management Area							
Anzio/Yaqui Pass	011S006E22E001S	Observation	manual	x			
BSR Well 6	011S006E09B002S	Irrigation	manual	x	yes	x	
Cameron 2	011S006E04F001S	Observation	manual	x			
County Yard	011S006E15G001S	Industrial	manual	x	yes	x	
ID1-10	011S006E22D001S	Public Supply	transducer	x	yes	x	
ID1-12*	011S006E16A002S	Public Supply	transducer	x	yes	x	
ID1-16*	011S006E16N001S	Public Supply	transducer	x	yes	x	
ID4-1*	010S006E32R001S	Observation	manual	x			
ID4-10	011S006E18L001S	Observation	manual	x			
ID4-11*	010S006E32D001S	Public Supply	transducer	x	yes	x	
ID4-2	011S006E07K003S	Observation	manual	x			
ID4-5	010S006E33Q001S	Observation	manual	x			
ID5-5*	011S006E09E001S	Public Supply	transducer	x	yes	x	
MW-4	010S006E35Q001S	Observation	manual	x	yes	x	
Paddock	011S006E22B001S	Observation	manual	x			
Palleson	010S006E33J001S	Observation	manual	x			
Wilcox	011S006E20A001S	Public Supply	manual	x	yes	x	
Hanna (Flowers)	010S006E14G001S	Observation	transducer	x			
Terry Well	011S006E20R001S	Irrigation	manual	x	yes	x	
Airport 2*	010S006E35N001S	Observation	Destroyed				Unable to measure GWL since Fall 2023 due to collapsed well casing.
CMA-1	Private	Irrigation			no	x	Well being considered for inclusion in monitoring program.
CMA-2	Private	Irrigation			no	x	Well being considered for inclusion in monitoring program.
CMA-3	Private	Irrigation	manual	x			Well being considered for inclusion in monitoring program.
CMA-4	Private	Recreation			no	x	Well being considered for inclusion in monitoring program.
CMA-5	Private	Recreation			no	x	Well being considered for inclusion in monitoring program.
South Management Area							
Air Ranch Well 4*	011S007E30L001S	Public Supply	manual	x	yes	x	
Army Well	011S006E34A001S	Observation	manual	x			
Hayden (32Q1)	011S007E32Q001S	Observation	manual	x			
ID1-8	011S006E23J001S	Public Supply	manual	x	yes		Unable to sample for GWQ in Fall 2023 due to the well pump being decommissioned by BWD.
JC Well	011S006E24Q001S	Observation	transducer	x			
La Casa	011S006E23E001S	Irrigation	manual	x	yes	x	
MW-3*	011S006E23J002S	Observation	transducer	x	yes	x	
MW-5A*	011S007E07R001S	Observation	transducer	x	yes	x	
MW-5B*	011S007E07R002S	Observation	manual	x	yes	x	
RH-1 (ID1-1)*	011S006E25A001S	Recreation	transducer	x	yes	x	
RH-2 (ID1-2)	011S006E25C001S	Recreation	transducer	x	yes	x	
RH-3	011S006E25C002S	Recreation	transducer	x	yes	x	
RH-4	011S006E24Q002S	Recreation	transducer	x	yes	x	Unable to download transducer in Spring 2024 due to technical issues. Transducer was replaced and a manual GWL was measured.
RH-5	011S006E26B001S	Recreation	transducer	x	yes		Unable to be sampled in Spring 2024 due to pump maintenance.
RH-6	011S006E26H001S	Recreation	transducer	x	yes	x	
WWTP	011S006E23H001S	Observation	transducer	x	yes	x	
Bing Crosby Well	011S007E20P001S	Observation	manual	x			
Outside Borrego Springs Subbasin							
State Well	012S007E03L001S	Observation	manual	x			
Nel Well	012S007E04R001S	Observation	manual				Unable to measure GWL in Spring 2024 due to a beehive in well head.
Wells not included in the groundwater level or groundwater quality monitoring program are greyed out.							
*Representative Monitoring Well with defined Minimum Thresholds and Measurable Objectives, as identified in Table 3-4 and Table 3-5 of the GMP							
(1) Private wells with data confidentiality agreements are denoted by aliases "NMA-#" or "CMA-#" based on their relative location in the Management Area.							
(2) Wells denoted with "transducer" have a pressure transducer installed that continuously records water level measurements on a high frequency interval (15-minutes to 1 hour).							

Table 2. Current Groundwater Elevations at Representative Monitoring Wells Compared to Minimum Thresholds				
Local Well Name	State Well ID	Spring 2024 Groundwater Elevation ^(a) (ft-msl)	Minimum Threshold ^(b) (ft-msl)	Spring 2024 Groundwater Elevation minus Minimum Threshold (ft)
		<i>a</i>	<i>b</i>	<i>c = a-b</i>
North Management Area				
MW-1	010S006E21A002S	376.68	336	40.9
ID4-3	010S006E18R001S	375.25	336	39.3
Fortiner	010S006E09N001S	377.32	331	46.5
ID4-18	010S006E18J001S	371.36	330	41.0
ID4-4	010S006E29K002S	364.28	128	236.7
Central Management Area				
ID4-1	010S006E32R001S	389.43	359	30.8
Airport 2	010S006E35N001S	<i>401.73</i>	381	21.2
ID1-16	011S006E16N001S	385.55	355	30.1
ID4-11	010S006E32D001S	374.54	<i>164</i>	210.8
ID1-12	011S006E16A002S	384.16	<i>285</i>	99.5
ID5-5	011S006E09E001S	385.96	<i>176</i>	209.6
South Management Area				
MW-5A	011S007E07R001S	407.54	396	11.6
MW-5B	011S007E07R002S	406.48	395	11.7
MW-3	011S006E23J002S	447.79	438	10.1
Air Ranch	011S007E30L001S	471.10	462	9.3
RH-1	011S006E25A001S	467.18	459	8.3
<p>(a) If a water level was not measured in Spring 2024, an "estimated static" groundwater elevation was selected based on recent trends in groundwater elevation at the well and nearby wells, and knowledge of the influence of nearby pumping. Estimated values are shown in <i>blue italic font</i>. In Spring 2024, a groundwater level could not be measured at the Airport 2 well; the well casing collapsed prior to the Fall 2023 Semi-Annual Monitoring Event.</p> <p>(b) <i>Italic values</i> are Minimum Thresholds established based on the top of the well screen. All other Minimum Thresholds are based on model results from the Borrego Valley Hydrologic Model (BVHM). All Minimum Thresholds in the GMP have been converted to feet above mean sea level.</p>				

Table 3. Groundwater Level Trends at Representative Monitoring Wells
Fall 2019 to Spring 2024

Local Well Name	State Well ID	Fall 2019 Groundwater Elevation ^(a,b) (ft-msl)	Spring 2024 Groundwater Elevation ^(c) (ft-msl)	Change in Groundwater Elevation since Fall 2019 (ft)	Rate of Change Groundwater Elevation since Fall 2019 (ft/yr)	Historical Rate of Change in Groundwater Elevation ^(d) (ft/yr)
North Management Area						
MW-1	010S006E21A002S	374.76	376.68	1.9	0.4	-2.14
ID4-3	010S006E18R001S	377.96	375.25	-2.7	-0.5	-2.09
Fortiner	010S006E09N001S	<i>376.82</i>	377.32	0.5	0.1	-2.48
ID4-18	010S006E18J001S	<i>374.36</i>	371.36	-3.0	-0.6	-2.31
ID4-4	010S006E29K002S	<i>375.06</i>	364.28	-10.8	-2.2	-2.73
Central Management Area						
ID4-1	010S006E32R001S	391.66	389.43	-2.2	-0.4	-1.39
Airport 2	010S006E35N001S	405.60	<i>401.73</i>	-3.9	-0.8	-1.67
ID1-16	011S006E16N001S	<i>388.42</i>	385.55	-2.9	-0.6	-0.95
ID4-11	010S006E32D001S	<i>386.44</i>	374.54	-11.9	-2.4	-2.29
ID1-12	011S006E16A002S	<i>385.94</i>	384.16	-1.8	-0.4	-1.51
ID5-5	011S006E09E001S	387.64	385.96	-1.7	-0.3	-0.85
South Management Area						
MW-5A	011S007E07R001S	409.92	407.54	-2.4	-0.5	-0.74
MW-5B	011S007E07R002S	408.80	406.48	-2.3	-0.5	-0.74
MW-3	011S006E23J002S	451.68	447.79	-3.9	-0.8	-5.84
Air Ranch	011S007E30L001S	470.85	471.10	0.3	0.1	-0.5
RH-1	011S006E25A001S	467.87	467.18	-0.7	-0.1	-0.94

(a) Fall 2019 is the start of Physical Solution Implementation Period.

(b) If a Fall 2019 water level was not measured, an "estimated static" groundwater elevation was selected based on recent trends in groundwater elevation at the well and nearby wells, and knowledge of the influence of nearby pumping. Estimated values are shown in *blue italic font*.

(c) If a water level was not measured in Spring 2024, an "estimated static" groundwater elevation was selected based on recent trends in groundwater elevation at the well and nearby wells, and knowledge of the influence of nearby pumping. Estimated values are shown in *blue italic font*. In Spring 2024, a groundwater level could not be measured at the Airport 2 well; the well casing collapsed prior to the Fall 2023 Semi-Annual Monitoring Event.

(d) Historical rate of change in groundwater level is based on pre-fall 2018 groundwater levels as reported in the GMP (Dudek, 2020).

Table 4. Water Quality Standard Exceedance Report
Spring 2024

Owner	Well Name	State Well ID	Well Use	Analyte (unit)	Date	Result	US EPA Primary MCL ⁽¹⁾	US EPA Secondary MCL ⁽²⁾	California Primary MCL ⁽³⁾	California Secondary MCL ⁽⁴⁾
Borrego Air Ranch	Air Ranch Well 4	011S007E30L001S	Public Supply	TDS (mg/L)	4/16/2024	560		500		500-1,000
Borrego Water District	ID4-18	010S006E18J001S	Public Supply	Sulfate (mg/L)	4/25/2024	270		250		250
				TDS (mg/L)	4/25/2024	630		500		500-1,000
	MW-1	010S006E21A002S	Observation	Sulfate (mg/L)	4/16/2024	280		250		250
				TDS (mg/L)	4/16/2024	530		500		500-1,000
	MW-4	010S006E35Q001S	Observation	TDS (mg/L)	4/16/2024	520		500		500-1,000
				Chloride (mg/L)	4/15/2024	390		250		250-500
	MW-5A	011S007E07R001S	Observation	Sulfate (mg/L)	4/15/2024	1700		250		250
				TDS (mg/L)	4/15/2024	3200		500		500-1,000
	MW-5B	011S007E07R002S	Observation	Sulfate (mg/L)	4/15/2024	660		250		250
				TDS (mg/L)	4/15/2024	1300		500		500-1,000
CWC Casa del Zorro LLC	La Casa	011S006E23E001S	Public Supply	TDS (mg/L)	4/18/2024	560		500		500-1,000
Private	NMA-1	Private	Irrigation	Sulfate (mg/L)	4/17/2024	430		250		250
				TDS (mg/L)	4/17/2024	970		500		500-1,000
	NMA-4	Private	Irrigation	Nitrate-Nitrogen (mg/L)	4/17/2024	16	10		10	
				Sulfate (mg/L)	4/17/2024	390		250		250
				TDS (mg/L)	4/17/2024	930		500		500-1,000
	NMA-6	Private	Irrigation	Nitrate-Nitrogen (mg/L)	4/17/2024	86	10		10	
				Sulfate (mg/L)	4/17/2024	810		250		250
				TDS (mg/L)	4/17/2024	1900		500		500-1,000
	Fortiner	010S006E09N001S	Other	TDS (mg/L)	4/14/2024	1100		500		500-1,000
				Nitrate-Nitrogen (mg/L)	4/14/2024	25	10		10	
				Sulfate (mg/L)	4/14/2024	480		250		250
T2 Borrego LLC (Rams Hill)	CMA-1	Private	Irrigation	Nitrate-Nitrogen (mg/L)	4/17/2024	61	10		10	
				Sulfate (mg/L)	4/17/2024	820		250		250
				TDS (mg/L)	4/17/2024	1900		500		500-1,000
	CMA-2	Private	Irrigation	Sulfate (mg/L)	4/16/2024	340		250		250
				TDS (mg/L)	4/16/2024	690		500		500-1,000
T2 Farms	CMA-4	Private	Irrigation	Nitrate-Nitrogen (mg/L)	4/16/2024	13	10		10	
				Nitrate-Nitrogen (mg/L)	4/16/2024	40	10		10	
	CMA-5	Private	Irrigation	TDS (mg/L)	4/16/2024	910		500		500-1,000
State of California, Department of Parks and Recreation	Horse Camp	009S006E31E003S	Other	Sulfate (mg/L)	4/18/2024	300		250		250
				TDS (mg/L)	4/18/2024	680		500		500-1,000
T2 Borrego LLC (Rams Hill)	Auxiliary 2	010S005E25R001S	Other	TDS (mg/L)	4/18/2024	510		500		500-1,000
	RH-1	011S006E25A001S	Irrigation	Sulfate (mg/L)	4/17/2024	480		250		250
				TDS (mg/L)	4/17/2024	1100		500		500-1,000
	RH-3	011S006E25C002S	Irrigation	Arsenic (mg/L)	4/17/2024	0.016	0.01		0.01	
T2 Farms	RH-4	011S006E24Q002S	Irrigation	Arsenic (mg/L)	4/17/2024	0.015	0.01		0.01	
	RH-6	011S006E26H001S	Irrigation	TDS (mg/L)	4/17/2024	610		500		500-1,000
T2 Farms	T2 Farms	010S006E09C001S	Irrigation	Arsenic (mg/L)	4/17/2024	0.017	0.01		0.01	
				Sulfate (mg/L)	4/17/2024	320		250		250
				TDS (mg/L)	4/17/2024	670		500		500-1,000

Note: Notification levels are health-based advisory levels established by CDPH for chemicals in drinking water that lack maximum contaminant levels (MCLs). When chemicals are found at concentrations greater than their notification levels, certain requirements and recommendations apply. State law requires timely notification of the local governing bodies by drinking water systems whenever a notification level is exceeded in a drinking water source.

1) US EPA Primary MCLs are federally enforceable limits for chemicals in drinking water and are set as close as feasible to the corresponding EPA MCLG.

2) US EPA Secondary MCLs or National Secondary Drinking Water Regulations are non-enforceable guidelines regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. EPA recommends secondary standards to water systems but does not require systems to comply. However, states may choose to adopt them as enforceable standards.

3) California Primary MCLs are set by the Department of Public Health analogous to EPA Primary MCLs. Primary MCLs are enforceable at the state level.

4) California Secondary MCLs are defined in the California Code of Regulation Title 22 and are set to based on aesthetic considerations (taste, odor, color) for consumer acceptance. Some Secondary MCLs have recommended and upper limits.

5) Private wells with data confidentiality agreements are denoted by aliases "NMA-#" or "CMA-#" based on their relative location in the north and central management zones.

Table 5. Summary of Exceedances of Water Quality Standard by Standard Type and Well Type

Parameter	Standard	Standard Limit (units)	Number of Drinking Water Wells with Exceedance	Number of Non-Potable Water Wells with Exceedance ¹	Number of Observation Wells with Exceedance
TDS ²	CA Secondary MCL – lower limit	500 mg/l	3	8	5
TDS ³	CA Secondary MCL – upper limit	1,000 mg/l	0	4	2
Sulfate	CA and EPA Secondary MCL	250 mg/l	1	9	4
Nitrate (as N)	CA and EPA Primary MCL	10 mg/l	0	6	0
Fluoride	EPA Secondary MCL	2 mg/l	0	0	1
Arsenic	CA Primary MCL	0.01 mg/l	0	3	0

Notes:

mg/l = milligrams per liter

- (1) Non-potable wells are wells used for irrigation and/or “other” purposes. These wells are not used for drinking water (potable) supplies. Note that the Fortiner well is considered “other” because water pumped from this well is not used for potable supply, per conversation with the well owner on October 12, 2023.
- (2) Wells shown exceeding the CA Secondary MCL – lower limit are wells with TDS results greater than 500 mg/l, but less than 1,000 mg/l (less than the CA Secondary MCL – upper limit).
- (3) Wells shown exceeding the CA Secondary MCL – upper limit are wells with TDS results greater than 1,000 mg/l. This row does not include wells that exceeded the CA Secondary MCL – lower limit.

**Borrego Springs Watermaster
Board of Directors Meeting
July 11, 2024
AGENDA ITEM IV.B**

To: Board of Directors
From: Samantha Adams, Executive Director
Date: July 8, 2024
Subject: Watermaster Budget Status Report as of June 30, 2024

Recommended Action **Provide Direction to Staff** **Information and Discussion**
 Fiscal Impact **Cost Estimate: \$**

Recommended Action

Board discussion

Fiscal Impact: None

Background and Previously Related Actions by the Board

On June 14, 2023, the Board adopted the water year (WY) 2024 Budget. On December 14, 2023, the Board amended the Budget to carry forward unspent, grant-reimbursable budget for two projects from the WY 2023 into the WY 2024 budget. The two projects with carry forward budget were the Redetermination of the Sustainable Yield and Biological Restoration of Fallowed Lands.

The purpose of this memo is to report the budget status to date as of June 30, 2024 (end of the third quarter) as compared to the amended WY 2024 Budget.

Discussion

Table 1, enclosed, compares actual budget to date to the amended WY 2024 Budget. The table shows:

- The Watermaster budget categories and the relevant line items in the WY 2024 Budget, including: revenues, expenditures (administrative services, legal services, technical/engineering services, Environmental Working Group, services to Parties with manual read meters), liabilities on Payment Terms, and cash reserves
- The amended WY 2024 Budget amount for each category and the associated line-item detail
- The year-to-date values as of June 30, 2024
- The percent of budget expended to date for each category and line item as of June 30, 2024 (computed as actual divided by budget)
- The variance of actual compared to budget for each category and line item as of June 30, 2024 (computed as budget minus actual)

- Any pertinent notes that explain the budget status

As of June 30, 2024 (75% into WY 2024):

- A total of 65% of planned revenues has been accrued to date.
- A total of 58% of planned expenditures have been spent to date.
- Watermaster has a payment liability totaling \$447,252 which is about 60% of the maximum allowable liability under payment terms.
- Cash reserves are \$985,725, which represents about 8.8 months of the average projected monthly operating expenditure. The reserves are being held above the target in anticipation of payment of forthcoming vendor invoices for abandoned well conversions and sand fence construction (see below). The vendors for these two work items are not party to the payment terms and will need to be paid under net-60 payment terms. Some of the reserve will also be used monthly to pay West Yost and Land IQ for accrued monthly interest amounts (at a minimum).

In Quarter 4, the following activities (in addition to routine work) are anticipated that will materially advance progress on the budget status:

- Completion of draft Sustainable Yield Determination – about \$105,000 in expenses are anticipated.
- First round of work on conversion of abandoned wells to monitoring sites – about \$140,000 in expenses are anticipated.
- Construction of sand fences for the Biological Restoration of Fallowed Lands project – about \$170,000 in expenses are anticipated.
- Payment of the 4th reimbursement request by DWR in the amount of \$228,508 is expected in September 2024.

Next Steps

The final WY 2024 budget status report will be presented in October 2024 for the period ending on September 30, 2024.

Enclosures

Table 1. Borrego Springs Watermaster Budget Status Report for WY 2024 as of June 30, 2024

Table 1. Borrego Springs Watermaster Budget Status Report for WY 2024
as of June 30, 2024 (End of FY 3rd Quarter)

Revenues, Expenditures, and Reserves	Approved WY 2024 Budget (as Amended)	Actual WY 2024 Year-to-Date	Percent (%) of Budget	Variance to Date (Budget minus Actual)	Notes
Revenues	\$ 1,713,460	\$ 1,111,738.47	65%	\$ 601,721.53	See below note re: DWR Prop 68 Revenue
Pumping Assessments Invoiced payments received	\$ 458,000	\$ 458,011.26	100%	\$ (11.26)	
Bad Debt (non-payment on Assessments)	\$ (4,000)	\$ -	0%	\$ (4,000.00)	Have not recorded bad debt
Overproduction Penalty Assessments	\$ -	\$ -		\$ -	
Revenues Collected for Pass thru Expenses payments received	\$ 6,469	\$ 6,468.96	100%	\$ 0.04	
DWR Prop 68 Grant Reimbursements Accrued	\$ 1,252,991	\$ 647,258.25	52%	\$ 605,732.75	This is accrued expenses in WY 2024 eligible for reimbursement
Total Expenditures	\$ 1,677,205	\$ 970,819.68	58%	\$ 706,384.98	
Administrative Services	\$ 402,861	\$ 306,506.23	76%	\$ 96,354.42	
Watermaster Staff Admin Services	\$ 280,284	\$ 206,960.39	74%	\$ 73,323.21	
Board Meetings	\$ 101,120	\$ 73,993.35	73%	\$ 27,126.25	
Technical Advisory Committee Meetings	\$ 45,326	\$ 29,516.00	65%	\$ 15,810.00	
Court Hearings	\$ 4,016	\$ 297.00	7%	\$ 3,719.00	
Stakeholder Outreach/Workshops	\$ 12,590	\$ 15,313.25	122%	\$ (2,723.25)	
Administration and Management	\$ 72,628	\$ 55,891.79	77%	\$ 16,736.21	
Prop 68 Project Admin and Grant Reporting	\$ 44,604	\$ 31,949.00	72%	\$ 12,655.00	
Other Administrative or Vendor Services	\$ 122,577	\$ 99,545.84	81%	\$ 23,031.21	
Financial Audit	\$ 10,000	\$ 7,840.00	78%	\$ 2,160.00	
Insurance	\$ 40,474	\$ 30,294.94	75%	\$ 10,178.79	Note: This is a pre-paid expense - this reflects balance sheet accrual
Misc. Expenses	\$ 2,500	\$ 77.00	3%	\$ 2,423.00	
Meter Accuracy Testing Vendors	\$ 13,500	\$ 12,200.00	90%	\$ 1,300.00	
Interest on Vendor Terms During Prop 68 Grant Period	\$ 56,103	\$ 49,133.90	88%	\$ 6,969.42	
Legal Services	\$ 100,000	\$ 90,616.79	91%	\$ 9,383.21	

Table 1. Borrego Springs Watermaster Budget Status Report for WY 2024
as of June 30, 2024 (End of FY 3rd Quarter)

Revenues, Expenditures, and Reserves	Approved WY 2024 Budget (as Amended)	Actual WY 2024 Year-to-Date	Percent (%) of Budget	Variance to Date (Budget minus Actual)	Notes
Technical/Engineering Services					
General Technical Consultant Services	\$ 815,386	\$ 418,937.12	51%	\$ 396,448.88	
Coordinate/Implement meter reading program	\$ 403,556	\$ 223,701.37	55%	\$ 179,854.63	
Groundwater Monitoring Program	\$ 30,388	\$ 24,879.50	82%	\$ 5,508.50	
Data Management and Reporting Data to DWR	\$ 111,151	\$ 106,130.37	95%	\$ 5,020.63	
Annual Report to the Court and DWR	\$ 19,890	\$ 13,555.75	68%	\$ 6,334.25	
Address Inactive Wells via Abandonment/Conversion	\$ 50,936	\$ 52,279.25	103%	\$ (1,343.25)	
As-needed technical support	\$ 175,551	\$ 22,085.50	13%	\$ 153,465.50	
Consulting Services with TAC Support/Input	\$ 411,830	\$ 195,235.75	47%	\$ 216,594.25	
Technical Work to Support Sustainable Yield Updates	\$ 271,328	\$ 159,325.50	59%	\$ 112,002.50	
5-Year Update of the GMP (required by DWR)	\$ 130,654	\$ 35,910.25	27%	\$ 94,743.75	
Address Ad Hoc Requests from the Board	\$ 9,848	\$ -	0%	\$ 9,848.00	
Environmental Working Group	\$ 352,489	\$ 150,299.33	43%	\$ 202,189.25	
Biological Restoration of Fallowed Lands	\$ 346,393	\$ 150,299.33	43%	\$ 196,093.25	
Ad Hoc EWG Meetings/Requests	\$ 6,096	\$ -	0%	\$ 6,096.00	
Services to Parties with Manual Read Meters	\$ 6,469	\$ 4,460.21	69%	\$ 2,008.79	
Liabilities on Payment Terms					
Beginning Balance	\$ 749,184	\$ -		\$ 749,184	
Year-End Balance	\$ 355,088	\$ 447,251.55	126%	\$ (92,163.55)	Current liability is 60% of maximum allowable amount per terms
Cash Reserves					
Beginning Cash Reserves	\$ 889,614	\$ 889,614		\$ -	Excess reserve held for payment or upcoming expenses from vendors not under payment terms, for work on well conversions and sand fence construction
Average Target Reserve and Actual Reserve	\$ 786,468	\$ 985,725.48	125%	\$ (199,257.48)	
Number of Months of Operating Reserve	7.00	8.77	125%	\$ (1.77)	Seven months is target reserve during grant period

**Borrego Springs Watermaster
Board of Directors Meeting
July 11, 2024
AGENDA ITEM IV.C**

To: Board of Directors
From: Andy Malone, Technical Consultant
Date: July 8, 2024
Subject: Status Update on the Redetermination of Sustainable Yield

<input type="checkbox"/> Recommended Action	<input type="checkbox"/> Provide Direction to Staff	<input checked="" type="checkbox"/> Information and Discussion
<input type="checkbox"/> Fiscal Impact	<input type="checkbox"/> Cost Estimate: \$	

Recommended Action

Board discussion.

Fiscal Impact: None.

Background and Previously Related Actions by the Board

Section II.E of the Judgment requires the Sustainable Yield to be redetermined by January 1, 2025 through a process that includes: collecting additional data, refining the Borrego Valley Hydrologic Model (BVHM), and using model runs to update the Sustainable Yield. The Watermaster Board approved a scope of work and budget for water year (WY) 2023 and 2024 to update the BVHM and Redetermine the Sustainable Yield by 2025.¹ The scope of work includes the following tasks:

- Task 1 – Compare FMP-estimated Pumping to Actual Pumping for WY 2022
- Task 2 – Update Water-Use Factors in the Farm Process (FMP)
- Task 3 – Correct Errors Identified in the 2021 BVHM
- Task 4 – Model Recalibration
- Task 5 – Determine the Sustainable Yield

At the January 8, 2024 Regular Board meeting, the Board requested monthly status updates on the efforts to redetermine the Sustainable Yield at each Regular Board meeting in 2024.

Status Update on the Effort to Redetermine the Sustainable Yield by 2025

To-date, West Yost has completed Tasks 1 through 3 of the scope of work and is currently executing Task 4 – *Model Recalibration*.

¹https://borregospringswatermaster.com/wp-content/uploads/2023/02/TAC-Recommendation-Report_SY-2023-24_final.pdf

The following work was performed since the June Board meeting:

- Completed Task 4 - *Model Recalibration*, including:
 - Calibration of aquifer and storage properties and scalar multipliers assigned to subsurface inflows.
 - Began preparation of figures and tables to present results of model recalibration.
 - Began preparation of a draft technical memorandum (TM) on the methods and results of Task 4.
- Held a Regular TAC meeting on July 1, 2024 to review the methods and preliminary results of performing Task 4 – *Model Recalibration*. Following the TAC meeting, two TAC members provided feedback on Task 4 via email.

Next Steps (July/August 2024)

The next steps are:

- Complete the draft TM on the methods and results of Task 4 and distribute the TM to the TAC for review and written comments. The TAC will have two weeks to submit written comments. Based on the TAC comments, West Yost will then finalize the Task 4 TM. An Ad-hoc meeting may be scheduled to support review of the results and TAC comments.
- Continue work on *Task 5 – Determine the Sustainable Yield*.
- Schedule the next Regular TAC meeting for August 2024 to review the methods and draft pumping projections to use in Task 5 - *Determine the Sustainable Yield*.
- Schedule a workshop with the TAC and the Board to discuss the methods and draft pumping projections to use in Task 5.

**Borrego Springs Watermaster
Board of Directors Meeting
July 11, 2024
AGENDA ITEM VI**

To: Board of Directors
From: Samantha Adams, Executive Director
Date: July 8, 2024
Subject: Establishing Agenda for August 8, 2024 Regular Board Meeting

Process

To set the August agenda, the Board will:

1. Review the initial August agenda topics planned by Staff, as listed below
2. Review the September and October tentative topics planned by Staff and previously requested items by Board members, as listed below
3. List out additional items that have arisen during the July 11, 2024 Board meeting (such as during public comment)
4. Call on Directors to request additional items for consideration of inclusion on the August 2024 or other future agenda
5. Consider motion(s) to approve the agenda (the agenda can be approved in a single motion or multiple motions to cover each item). The Agenda/items are approved by majority vote (3 of 5 directors)

Staff's Initial Agenda for August Regular Meeting

The August 8, 2024 Regular meeting (held virtually) will include all standard items of: public correspondence, consent calendar (meeting minutes, financial reports, staff invoices, etc.), verbal Staff and Chair reports, establishing the agenda for the subsequent meeting, Board member comments, listing of future meeting dates, and adjournment.

In addition to the standard items, the initial agenda planned by Staff for August 2024 includes the following business items for consideration and possible action:

1. Consideration of Approval of Statement of Work No. 7 and Contract Amendment No. 10 for West Yost Administrative and Technical Services in WY 2025
2. Consideration of Approval of August TAC meeting agenda
3. Report out from July EWG meeting
4. Status Update on the Redetermination of the Sustainable Yield

5. Discussion of DWR review of Judgment/GMP (if applicable)
6. Status Update on the Redetermination of the 5-year assessment of the GMP

Staff's Tentative Topics for September and October***September Agenda Topics***

1. Overview of Anticipated WY 2025 Calendar of Activities
2. Approval of WY 2025 Meeting Dates
3. Status Update on the Redetermination of the Sustainable Yield
4. Discussion of DWR review of Judgment/GMP (if applicable)

October Agenda Topics (In-Person Meeting)

1. Election of Board Officers
2. Process and Schedule to complete Water Year 2024 Annual Report
3. Review of Draft Water Year 2024 Water Rights Accounting
4. Discussion of DWR review of Judgment/GMP (if applicable)
5. Board workshop on the draft Redetermination of the Sustainable Yield