



BEDFORD COLDWATER
Groundwater Sustainability Authority

**REGULAR BOARD MEETING
AGENDA**

**November 16, 2023
4:00 PM**

Temescal Valley Water District Administrative Offices
22646 Temescal Canyon Road, Temescal Valley, California 92883

CALL TO ORDER AND ROLL CALL: Directors Casillas, Harich, Ferguson

PUBLIC COMMENT

Any person may address the Board at this time upon any subject not identified on this Agenda, but within the jurisdiction of Bedford Coldwater Groundwater Sustainability Authority; however, any matter that requires action will be referred to staff for a report and action at a subsequent Board meeting. As to matters on the Agenda, an opportunity will be given to address the Board when the matter is considered.

- I. Business Calendar
 - A. Elect Chairperson and Vice-Chairperson
 - B. Appointment of ACWA JPIA Alternate Director
 - C. Amendment to Contract with Water Systems Consulting
- II. Consent Calendar
 - A. Approval of Minutes of the Special Meeting of May 18, 2023
 - B. Approval of Minutes of the Regular Meeting of May 18, 2023
 - C. Financial Statement
 - D. Ratification of Demands
 - E. Outside Contract Summary Report
- III. Administrator's Update



BEDFORD COLDWATER

Groundwater Sustainability Authority

Meeting Agenda

November 16, 2023 4:00 PM

Page 2

- IV. Legal Counsel Report
- V. Comments of the Board
- VI. Adjourn

In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted in the main lobby of the Authority's Administrative offices not less than 72 hours prior to the meeting date and time above. All public records relating to each agenda item, including any public records distributed less than 72 hours prior to the meeting to all, or a majority of all, of the members of Authority's Board, are available for public inspection in the office at
22646 Temescal Canyon Road, Temescal Valley, California 92883

To request a disability-related modification or accommodation regarding agendas or attendance, contact Terese Quintanar, at (951) 674-3146, extension 8223 at least 48 hours before the meeting.



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: November 16, 2023

To: Board of Directors

From: Deputy Treasurer

SUBJECT: ELECT CHAIRPERSON AND VICE-CHAIRPERSON

RECOMMENDATION:

1. Nominate and elect a Chairperson and Vice-Chairperson to serve throughout the 2023-2024 fiscal year.

DISCUSSION:

In accordance with Article 4, Section 5.2 and 5.2.1 of the By-laws and Section 9 of the Agreement, the officers of the Board shall consist of a Chairperson, Vice-Chairperson, and such other officers as the Board may designate. The Chairperson shall preside at all meetings of the Board and exercise such other powers and duties as may from time to time be assigned to the Chairperson. The Chairperson shall have the power to enforce meeting decorum and rules of order. The Vice-Chairperson shall perform the duties of the Chairperson in the absence of the Chairperson. The Chairperson and/or Vice-Chairperson shall exercise and perform such other powers and duties as may be assigned by the Board.

Each year, at the first meeting following July 1st, the Board shall elect the Chairperson and Vice-Chairperson from among the Directors.

By Resolution 23-02, Jack T. Ferguson was appointed as the Treasurer of the Authority, and by formal Board action on May 18, 2023, Jack T. Ferguson was appointed as Secretary to the Authority.

FISCAL IMPACT:

Not applicable.

ENVIRONMENTAL WORK STATUS:

Not applicable.

EXHIBITS/ATTACHMENTS:

None.



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: November 16, 2023

To: Board of Directors

From: Deputy Treasurer

SUBJECT: APPOINTMENT OF ACWA JPIA ALTERNATE DIRECTOR

RECOMMENDATION:

1. Appoint an Alternate ACWA/JPIA Representative

DISCUSSION:

The JPIA Board of Directors is composed of one representative from each Member of the JPIA, who is a member of the governing board thereof and selected by that governing board to be the JPIA Director Representative. At the May 18, 2023, Board Meeting, Jack T. Ferguson was appointed as the Authority's Representative.

Each Member shall also appoint at least one alternate who shall be an officer, member of the governing board, or employee of that member. The Alternate appointed by a Member shall have the authority to attend and participate in any meeting of the Board when the regular member for whom he or she is an alternate is absent from said meeting.

Each JPIA Director or Alternate shall serve until a successor is appointed. They shall serve at the pleasure of the Member by which they have been appointed.

FISCAL IMPACT:

None.

ENVIRONMENTAL WORK STATUS:

Not applicable.

EXHIBITS/ATTACHMENTS:

None.



BEDFORD COLDWATER

Groundwater Sustainability Authority

Date: November 16, 2023

To: Board of Directors

From: Deputy Treasurer

SUBJECT: CONSIDER APPROVAL OF AMENDMENT NO.1 TO THE PROFESSIONAL SERVICES AGREEMENT WITH WATER SYSTEMS CONSULTING, INC. FOR GROUNDWATER SUSTAINABILITY PLAN ADMINISTRATOR SERVICES

RECOMMENDATION:

1. Approve Amendment No. 1 of Professional Services Agreement with Water Systems Consulting, Inc. (WSC). for Groundwater Sustainability Plan Administrator Services in the amount of \$149,400 for a total amount not to exceed \$349,400; and
2. Authorize the Deputy Treasurer to execute the appropriate documents on behalf of Bedford Coldwater Groundwater Sustainability Authority.

BACKGROUND:

In November 2017, the Board of Directors approved a Professional Services Agreement (PSA) with Stantec Consulting, Inc. (Stantec) for administrator services for the Groundwater Sustainability Plan (GSP) for Bedford Coldwater Groundwater Sustainability Authority (Authority). On March 8, 2022, the Authority solicited a Request for Proposals (RFP) for the GSP Administrator Services due to the retirement of the previous GSP Administrator. The Authority's member agency staff reviewed the proposals and recommended the selection of Water Systems Consulting, Inc (WSC) and the PSA was approved at the May 19, 2022 Board Meeting for a total of \$200,000, annually. The terms of the agreement are from May 19, 2022 to June 20,2027. With the approval of each fiscal year budget by the Board the GSP Administrators PSA shall be amended accordingly.

The Bedford-Coldwater Groundwater Sustainability Authority (BCGSA) applied to the California Department of Water Resources (DWR) for the 2017 Groundwater Sustainability Plans and Projects Solicitation under Proposition 1 Sustainable Groundwater Planning (SWGP) Grant Program in November 2017. The BCGSA received

the initial award notification letter for \$1,000,000 in grant funding on May 4, 2018 for the planning, development, and preparation of a Groundwater Sustainability Plan (GSP) for the Bedford-Coldwater Subbasin (Project). Grant funds expended totaled \$1,000,000 and were matched by a total cost share of \$1,000,000. The BCGSA utilized all available grant funding for the planning, development, and preparation of a GSP.

DISCUSSION:

In February 2023, the Bedford Coldwater Groundwater Sustainability Agency (BCGSA) requested and obtained approval for a scope revision and project extension for the Bedford Coldwater Groundwater Sustainability Plan (GSP) Development Project. This amendment allowed the BCGSA to achieve several key milestones. Specifically, it enabled the completion of the second annual report, made significant progress on two GSP projects, and facilitated the update of the project's website, ensuring the full utilization of available grant funds. The 2023 Grant Amendment allowed the BCGSA to utilize about \$95,000 of grant funds that would have been lost providing a great benefit to the community.

GSP Administrator Services were approved in the FY 2023-24 Budget under JPA Administration and GSP Implementation Costs. Staff recommends approval of Amendment No. 1 to the PSA with WSC in the amount of \$149,400, bringing the total authorized amount not to exceed \$349,400 for FY 2023-24.

FISCAL IMPACT:

GSP Administrator costs of \$35,000 and GSP Implementation costs of \$297,000 have been included in the board approved FY 2023-24 budget. Administrator costs for FY 2024-25, through 2026-27 will be incorporated into future budgets.

ENVIRONMENTAL WORK STATUS:

Not applicable

EXHIBITS/ATTACHMENTS:

WSC PSA Amendment No. 1



BEDFORD COLDWATER

Groundwater Sustainability Authority

Board Members:
David Harich, TVWD
Jacque Casillas, City of Corona
Jack Ferguson, FVWMD

AMENDMENT NO. 1 TO THE PROFESSIONAL SERVICES AGREEMENT FOR THE ADMINISTRATOR OF THE BEDFORD COLDWATER GROUNDWATER SUSTAINABILITY AUTHORITY

PARTIES AND DATE

This Amendment No. 1 to the Professional Service Agreement for Administrator Services for the Bedford Coldwater Groundwater Sustainability Authority is made and entered into as of this 16th day of November 2023 by and between the Bedford Coldwater Groundwater Sustainability Authority, a Joint Powers Authority with its principal office at 31315 Chaney St., Lake Elsinore, CA 92531 ("JPA") and Water Systems Consulting, Inc. a consultant to the JPA with its principal place of business at 805 Aerovista Place, Suite 201, San Luis Obispo, CA 93401 ("Consultant") for Administrator Services ("Project"). JPA and Consultant are sometimes individually referred to as "Party" and collectively as "Parties" in this Agreement.

RECITALS

The JPA and the Consultant have entered into an agreement on May 19th, 2022 for the purpose of providing Administrator Services for the Bedford Coldwater Groundwater Sustainability Authority (the "Master Agreement").

The Parties now desire to amend the Master Agreement to increase the total compensation.

NOW, THEREFORE, in consideration of the above recitals and the mutual covenants, conditions, and promises contained in the Master Agreement, the Parties mutually agree as follows:

AMENDMENT TERMS

1. The total compensation shall not exceed Three Hundred Forty-Nine Thousand Four Hundred Dollars (\$349,400.00) without Board approval, amended from total not to exceed compensation of the Master Agreement in the amount of Two Hundred Thousand Dollars (\$200,000.00). Work shall be performed at the rates set forth in Attachment 1, attached hereto and incorporated herein.
2. Except as amended by this Amendment all other terms, conditions and provisions of the Master Agreement, including without limitation the

indemnity and insurance provisions, shall remain in full force and effect and shall govern the actions of the parties under this Amendment.

3. This Amendment may be signed in counterparts, each of which shall constitute an original.
4. The Parties hereto hereby agree that electronic signatures are acceptable and shall have the same force and effect as original wet signatures.

BEDFORD COLDWATER GROUNDWATER SUSTAINABILITY AUTHORITY:

By: _____
Parag Kalaria, Deputy Treasurer

Dated: _____

Approved as to form:

Steven O'Neill, General Counsel

WATER SYSTEMS CONSULTING, INC.

By: _____
(Authorized Representative of Vendor)

Printed Name: _____

Title: _____

Dated: _____

ATTACHMENT NO. 1

Classifications and Rates

	Hourly Rate
Engineers / Project Managers / Planners / Hydrogeologists	
Engineering Intern	\$ 125.00
Assistant	\$ 145.00
Staff I Eric Fregoso(30%), Cassandra Springer (10%)	\$ 155.00
Staff II	\$ 165.00
Staff III	\$ 175.00
Associate I	\$ 185.00
Associate II Antonia Estevez-Olea (10%)	\$ 195.00
Associate III	\$ 205.00
Senior I Michael Cruikshank (30%)	\$ 230.00
Senior II	\$ 240.00
Senior III	\$ 260.00
Principal I	\$ 280.00
Principal II Laine Carlson (5%)	\$ 320.00
Principal III	\$ 365.00
Outreach and Communications	
Communications Support I	\$ 130.00
Communications Support II	\$ 145.00
Communications Support III Nina Thoming (10%)	\$ 170.00
Outreach Specialist/Facilitator I	\$ 190.00
Outreach Specialist/Facilitator II	\$ 240.00
Outreach Specialist/Facilitator III	\$ 280.00
CAD / Design Services	
Technician/Designer I	\$ 135.00
Technician/Designer II	\$ 160.00
Technician/Designer III	\$ 180.00
Inspection Services	
Inspector I	\$ 140.00
Inspector II	\$ 150.00
Inspector III	\$ 175.00
Inspector (Prevailing Wage)	\$ 180.00
Administrative Services	
Administration/Clerical I	\$ 130.00
Administration/Clerical II	\$ 140.00
Administration/Clerical III	\$ 160.00

Other Expenses

10% mark-up on direct expenses; 15% mark-up for sub-contracted services

Standard mileage rate \$0.56 per mile (or current Federal Mileage Reimbursement Rate)



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: November 16, 2023

To: Board of Directors

From: Deputy Treasurer

SUBJECT: APPROVAL OF MINUTES OF THE SPECIAL MEETING OF MAY 18, 2023

RECOMMENDATION:

Approve the Minutes of the Bedford-Coldwater Groundwater Sustainability Authority Special Meeting of May 18, 2023

DISCUSSION:

Draft meeting minutes are presented for consideration of approval.

FISCAL IMPACT:

Not applicable.

ENVIRONMENTAL WORK STATUS:

Not applicable.

EXHIBITS/ATTACHMENTS:

Draft Meeting Minutes

**MINUTES OF THE
SPECIAL MEETING OF THE
BEDFORD COLDWATER
GROUNDWATER SUSTAINABILITY AUTHORITY**

May 18, 2023

Board Present

Jacque Casillas, City of Corona
Jack T. Ferguson, EVMWD
C.W. Colladay (Alternate), TVWD

Staff Present

Jeff Pape, TVWD
Tom Moody, City of Corona
Alex Lemieux, Aleshire & Wynder, LLP
Ganesh Krishnamurthy, EVMWD
Parag Kalaria, EVMWD
Scott Thompson, EVMWD
Christy Gonzalez, EVMWD
Terese Quintanar, EVMWD
Michael Cruikshank, Water Systems Consulting

CALL TO ORDER AND ROLL CALL

The meeting of the Bedford-Coldwater Groundwater Sustainability Authority was called to order by Chairperson Casillas at 5:35 p.m.

PUBLIC COMMENT– There were none.

1. BUSINESS CALENDAR

A. Adopt Resolution Authorizing Signatories To The Bedford-Coldwater Groundwater Sustainability Authority Bank Account (Resolution 23-03)

In order to comply with Sections 11 and 12 of the Agreement forming the JPA, a bank account has been established for the Authority. It is customary to provide the bank with the Board's authorized signatories for the account. With changes in Board Members and staff over the past year, staff recommended adoption of the proposed Resolution updating authorized signers and rescinding Resolution 17-05.

ACTION: Director Ferguson made a motion, Director Colladay seconded, and the motion carried unanimously to:

1. Adopt the Resolution Establishing Authorized Signatories to the Bedford-Coldwater Groundwater Sustainability Authority Bank Account; and
2. Rescind Resolution 17-05.

2. Adjourn

There being no further business, the May 18, 2023, Special Meeting of the Bedford-Coldwater Groundwater Sustainability Authority was adjourned at 5:39 p.m.

ATTEST:**APPROVED:**_____
Jack T. Ferguson, Secretary_____
Jacque Casillas, Chairperson

Date: _____

Date: _____

DRAFT



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: November 16, 2023

To: Board of Directors

From: Deputy Treasurer

SUBJECT: APPROVAL OF MINUTES OF THE REGULAR MEETING OF MAY 18, 2023

RECOMMENDATION:

1. Approve the Minutes of the Bedford-Coldwater Groundwater Sustainability Authority Regular Meeting of May 18, 2023

DISCUSSION:

Draft minutes are presented for consideration of approval.

FISCAL IMPACT:

Not applicable.

ENVIRONMENTAL WORK STATUS:

Not applicable.

EXHIBITS/ATTACHMENTS:

Draft Meeting Minutes

**MINUTES OF THE
REGULAR MEETING OF THE
BEDFORD COLDWATER
GROUNDWATER SUSTAINABILITY AUTHORITY**

May 18, 2023

Board Present

Jacque Casillas, City of Corona
Jack T. Ferguson, EVMWD
C.W. Colladay (Alternate), TVWD

Staff Present

Jeff Pape, TVWD
Tom Moody, City of Corona
Alex Lemieux, Aleshire & Wynder, LLP
Ganesh Krishnamurthy, EVMWD
Parag Kalaria, EVMWD
Scott Thompson, EVMWD
Christy Gonzalez, EVMWD
Terese Quintanar, EVMWD
Michael Cruikshank, Water Systems Consulting
Robin Murray, Rincon
Emily McCord, Rincon

CALL TO ORDER AND ROLL CALL

The meeting of the Bedford-Coldwater Groundwater Sustainability Authority was called to order by Chairperson Casillas at 4:04 p.m.

PUBLIC COMMENT– There were none.

1. CONSENT CALENDAR

- A. Approval of Minutes of the Regular Meeting of February 16, 2023**
- B. Financial Statement**
- C. Ratification of Demands**
- D. Outside Contract Summary Report**

ACTION: Director Ferguson made a motion, Director Colladay seconded, and the motion carried unanimously to approve the Consent Calendar.

2. BUSINESS CALENDAR

- A. Consider Adoption of Proposed Fiscal Year 2023-24 Budget (MO #46)**

Mr. Thompson reported that annually, BCGSA analyze current financial activities and project future expenditure requirements in order to develop a proposed budget for the following year. The total proposed budget for FY 2023-24 is \$392,114 with \$85,875 in administration costs for the Authority and \$297,000 in Groundwater Sustainability Plan (GSP) implementation costs. He explained that the three largest expenses for the administration of the JPA are Administrator costs, JPA Oversight/Management, and Legal expenses. Answering Chairperson Casillas, he confirmed that the budget increase is related to the increase in Administrator costs.

Mr. Cruikshank reported that the implementation costs are broken down into three categories: Management Actions (Annual Report and all other Management actions), Projects (Investigate Groundwater/Surface Water Interaction), and Other (Annual Vegetation Monitoring, Well Drilling Application Evaluations, and 5-year GSP Updates). The work in these categories feeds into the annual report, and the 2nd Annual Report has been submitted to the Department of Water Resources (DWR). In the next five years, the collection of water level information for Todd Groundwater is projected to be \$95,000 per year. Project 1, the Integrated Groundwater Surface Water Interaction Project is being completed in phases. The second phase involves monitoring work. In the "Other" category, the plan is being developed relating to the investigation of groundwater surface water interaction, and the plan will include additional monitoring in the amount of \$25,000 per year. Through the State of California's executive order, the GSA has the authority to review Well Drilling Applications to make sure the planned wells do not cause damage or interfere with pumping of GSA wells. Review of these applications is important, and Todd Groundwater performs that work. Mr. Cruikshank, Mr. Pape, and Mr. Moody explained the process, purpose, and fees relating to the review of Well Permit Applications. One big expenditure in the next five years will be the 5-year GSP Update, estimated to cost \$350,000. Total GSP Implementation Costs are \$297,000 for Fiscal Year 23/24 and \$1,341,000 is the projected 5-year total.

Mr. Thompson added that a \$50,000 grant reimbursement is anticipated and there is no proposed member contribution for FY 2023-24 as there are sufficient funds to cover the FY 2023-24 budgeted expenses. All expenditures in the proposed FY 2023-24 Budget, net of grant reimbursements, are recoverable by member-agency contributions.

As per the reserve policy adopted by the Board on May 16, 2019, the Operating and Non-Operating Reserves have both been set at 25% of the proposed budgets. The reserve requirements for FY 2023-24 have been incorporated in the proposed budget. Brief discussion followed regarding the possibility of increasing the reserve percentage above 25%, and also consideration for each member agency to contribute funds in anticipation of unforeseen economic challenges. However, no direction was made to staff's recommendation and the established reserve policy.

ACTION: Director Ferguson made a motion, Director Colladay seconded, and the motion carried unanimously to:

1. Approve BCGSA FY 2023-24 Budget.

B. Appointment of Treasurer (Resolution No. 23-02)

The Joint Powers Agreement (“JPA”) creating the Bedford-Coldwater Groundwater Sustainability Authority (“Authority”) requires that the Board provide for a Treasurer for the Authority to be the fiscal agent and depository for the Authority. The Treasurer is responsible for maintaining all accounting transactions and records of the Authority in accordance with Generally Accepted Accounting Principles (GAAP) and other applicable laws of the State of California.

The Treasurer also is responsible for working with the auditor for the Authority towards the completion of the audit and reporting of the audit findings. Additionally, the Treasurer will periodically provide a status of the Authority’s Fiscal Year budget.

Ms. Quintanar explained that, previously, the Treasurer appointed a Deputy Treasurer, in writing, to carry out many of the day-to-day responsibilities of the fiscal agent.

C. Appointment of Secretary (MO#47)

The Joint Powers Agreement (“JPA”) creating the Bedford-Coldwater Groundwater Sustainability Authority (“Authority”) requires that the Board provide for staffing of the Authority to ensure the Authority is able to accomplish all requirements imposed by the JPA, the Sustainable Groundwater Management Act of 2014 and any other legal requirements.

Staff recommended the appointment of a Secretary to fill the vacancy for this position.

D. Appointment of ACWA JPIA Representatives (MO#48)

The JPIA Board of Directors is composed of one representative from each Member of the JPIA, who is a member of the governing board thereof and selected by that governing board to be the JPIA Director Representative.

Each Member shall also appoint at least one alternate who shall be an officer, member of the governing board, or employee of that member. The Alternate appointed by a Member shall have the authority to attend and participate in any meeting of the Board when the regular member for whom he or she is an alternate is absent from said meeting.

Being a member of ACWA and joining the JPIA program, BCGSA is required to appoint a Director Representative and Alternate Representative who will have the authority to attend and participate in any meeting of the JPIA Board of Directors.

Each JPIA Director or Alternate shall serve until a successor is appointed. They shall serve at the pleasure of the Member by which they have been appointed.

In May 2019, the BCGSA Board acted by minute order to appoint Phil Williams as its JPIA Director and Paul Rodriguez as the Alternate. In Director Harich's absence of today's meeting, an alternate was not discussed.

Chairperson Casillas nominated Jack T. Ferguson for the appointments of Treasurer, Secretary and JPIA Director Representative, and Director Ferguson indicated acceptance of the nomination.

ACTION: Director Ferguson made a motion, Director Colladay seconded, and the motion carried unanimously to:

1. Adopt a Resolution Appointing Jack T. Ferguson as Treasurer for the Authority (**Resolution 23-02**)
2. Appoint Jack T. Ferguson as the Secretary for the Authority (**MO#47**)
3. Appoint Jack T. Ferguson as the Authority's JPIA Representative (**MO#48**)

3. Administrator's Update

Mr. Cruikshank provided highlights on information provided in the meeting packet in the form of the Grant Progress Report. The Annual Report for 2022 was submitted to the DWR to fulfill our SGMA requirements. The annual report documents water conditions including groundwater elevations and storage, water supplies and use, an updated water balance and groundwater sustainability progress for water year 2022. He displayed several slides showing the Authority's jurisdictional boundaries, precipitation in Elsinore, sustainability indicators, water level and interconnected surface water monitoring wells, groundwater elevation contours, hydrographs of Corona Well 3, Corona Non-potable Well 2, and EVMWD's Flagler 2A Well water levels, and storage changes in the Bedford and Coldwater management areas. He explained that we will see the result of this year's rainy season in next year's reports. Chronic lowering of groundwater levels, storage, and groundwater depletions are the main sustainability indicators. We have no issues with subsidence or degradation, currently. A Salt and Nutrient Plan is being prepared that will include those items also. The monitoring well network includes 17 monitoring wells to collect water levels used to assess the sustainability of the basin. Two wells were added this year and are beginning to collect data that will be incorporated into the next Annual Report. He also pointed out that of the two management zones, the Coldwater Basin is deeper than the Bedford Basin. Trends in water levels have risen and fallen over the years based on precipitation and production in that area. He explained that a minimum threshold has been determined for sustainability. Production in the Bedford Basin has varied, based on wet and dry periods. An agreement between Corona and the Elsinore Valley Municipal Water District for pumping sustainable yield has helped sustainability of the Coldwater Management Area.

Project Management Actions include three projects: Project 1 is to investigate groundwater and surface water interaction at Temescal Wash and the installation of monitoring wells. Phase 1 of this project is being performed by Rincon. Project 2 is to initiate a survey of active private wells. A private well survey is in progress and there are

very few active wells in the area. Some private wells have been located in the basin, and Mr. Cruikshank estimated there are about 40 domestic wells in the basin, collectively pumping very little. Project 2 is the evaluation of the effects of aggregate pits on groundwater flow and quality. Work is underway to prepare a memorandum describing general mining water use to fill the data gap in GSP in progress. Regarding questions posed about mining operations, Mr. Cruikshank and Mr. Moody responded that no contamination has been found and the water used for washing goes back into the basin. The Santa Ana Watershed Project Authority (SAWPA) is looking at an increase in TDS in the Bedford Basin in the area near the fault line, and TDS in that area has been found to be between 350 and 480.

Emily McCord of Rincon presented information and reported that she is working to investigate surface water interactions in the Temescal Wash, with the hope of improving the GSP sustainability criteria and creating ecosystems in the Wash. Their goal is to identify up to five locations for monitoring wells and development of a monitoring plan. She explained the project's key elements, including airplane flyovers utilizing lasers to obtain groundwater elevation for comparison to the ground level. This method will provide specific details to help better determine where groundwater interactions take place. The flight is scheduled in June and will provide information in higher resolution than information that is publicly available. The flight work will cost \$14,000, and drones can also be used to observe portions of the wash and take detailed photos for the vegetation survey and digital terrain model for a lower cost. A vegetation survey has been conducted and areas of open water have been identified. Detailed vegetation information is used to refine data related to the Normalized Difference Vegetation Index (NDVI). Robin Murray of Rincon referenced historical imagery from the 1960s and reported that vegetation has increased significantly since. Historical information is available through NASA and is collected via satellite, and information is also available through the Nature Conservancy. The Normalized Difference Moisture Index (NDMI) indicates water stress, and both the NDVI and NDMI are used as an indicator of vegetation health.

Mr. Moody added that we need to understand ground elevation for good hydrological information and relate that to plant health to help determine if strategies need to be implemented for the basin. Mining operations have deepened the channel and changes in the ground structure are concerning.

Ms. McCord concluded by reporting that the well location determinations and monitoring plan will be completed in June. One consideration for well location determination is protection from vandalism.

4. Legal Counsel Report

Mr. Lemieux reported on AB560, authored by Bennett. The Bill Requires a court, before finalizing a groundwater adjudication, to refer the proposed adjudication to the State Water Resources Control Board (State Water Board) for an advisory determination as to whether it will impair the ability of a groundwater sustainability agency (GSA), the State Water Board, or the Department of Water Resources (DWR) to achieve sustainable groundwater management. The State Water Board must consult with DWR before making

its determination. Discussion followed regarding determination of the Authority's position, the need to monitor the Bill's progress and whether the Authority should submit written comments while the Bill is moving through the state committees. Mr. Lemieux was asked to expeditiously provide an opinion and recommendation.

Mr. Lemieux reported on AB2449, which allows for meetings to occur via teleconferencing subject to certain requirements, particularly that the legislative body notice each teleconference location of each member that will be participating in the public meeting, that each teleconference location be accessible to the public, that members of the public have the opportunity to provide public comment.

5. Comments of the Board

Chairman Casillas thanked staff for the work and information.

6. Adjourn

There being no further business, the May 18, 2023, Regular meeting of the Bedford-Coldwater Groundwater Sustainability Authority was adjourned at 5:39 p.m.

ATTEST:

APPROVED:

Jack T. Ferguson, Secretary

Jacque Casillas, Chairperson

Date: _____

Date: _____

Bedford Coldwater Groundwater Sustainability Authority
STATEMENT OF NET POSITION (Unaudited)
As of September 30, 2023

ASSETS	<u>FY 2024</u>	<u>FY 2023</u>
<u>Current Assets:</u>		
Cash and Cash Equivalents	\$ 177,610	\$ 176,315
Investments	410,834	510,834
Accounts Receivable	-	83,951
Capital Assets	490,154	492,622
Total Assets	<u>\$ 1,078,598</u>	<u>\$ 1,263,722</u>
 <u>LIABILITIES & NET POSITION</u>		
<u>Current Liabilities:</u>		
Accounts Payable	47,057	154,558
Member Deposits	445,668	470,312
Total Liabilities	492,725	624,870
 <u>Net Position:</u>		
Net Investment in Capital Assets	490,154	492,622
Restricted for:		
Operating Reserve	21,469	12,230
Non-Operating Reserve	74,250	134,000
Total Net Position	585,873	638,852
 Total Liabilities & Net Position	<u>\$ 1,078,598</u>	<u>\$ 1,263,722</u>

Bedford Coldwater Groundwater Sustainability Authority
STATEMENT OF REVENUES & EXPENDITURES (Unaudited)
As of September 30, 2023

	FY 2024	FY 2024	% of
<u>REVENUE</u>	<u>Actual</u>	<u>Budget</u>	<u>Budget</u>
Member Contributions Carry over - PY	\$ 687,149	\$ 586,909	117
Grant Reimbursement	-	50,000	0
Other Revenue	-	11,000	0
Interest Income	575	4,000	14
TOTAL REVENUE	687,724	651,909	105
<u>JPA ADMINISTRATION EXPENSES</u>			
JPA Oversight/Management	6,000	30,000	20
Consulting Expenses	38,616	35,000	110
Legal Expenses	175	8,000	2
ACWA Dues	-	4,570	0
Insurance Premium	-	2,300	0
Website Domain & Maintenance	-	2,800	0
Bank Fees	599	1,600	37
Auditing Services	-	1,605	0
TOTAL JPA ADMINISTRATION EXPENSES	45,390	85,875	53
<u>GSP EXPENSES</u>			
<u>GSP Projects</u>			
Groundwater/Surface Water Interaction	26,965	166,000	16
Effects of Aggregate Pits Evaluation	230	-	0
<u>Management Actions</u>			
Annual GSP Report	3,146	60,000	5
All Other Management Actions	-	35,000	0
<u>Other</u>	-	36,000	0
TOTAL GSP EXPENSES	30,341	297,000	10
TOTAL EXPENSES	75,730	382,875	20
<u>TRANSFERS</u>			
Transfer to/(from) Reserves	(50,511)	(50,511)	100
TOTAL TRANSFERS	(50,511)	(50,511)	
MEMBER CONTRIBUTION AVAILABLE	\$ 662,505	\$ 319,545	

Bedford Coldwater Groundwater Sustainability Authority
CASH RESERVE REPORT
As of September 30, 2023

<u>OPERATING RESERVE</u>	
Operating Budget (FY 2024)	85,875
Operating Reserve	<u>25%</u>
Non-operating Reserve	21,469
 <u>NON-OPERATING RESERVE</u>	
Non-Operating Budget (FY 2024)	297,000
Non-Operating Reserve Target	<u>25%</u>
TOTAL NON-OPERATING RESERVE BALANCE	<u>74,250</u>
 TOTAL RESERVE BALANCE	 <u><u>\$ 95,719</u></u>



Print Date: 08/01/2023

Payment Ratification Report

Cash Disbursements for 05/01/2023 through 07/31/2023

Check or Reference #	Payment Date	Paid to Vendor	Payment Description	Pmt Type	Payment Amount
331	05/18/2023	RINCON CONSULTANTS INC	BCGSA GROUNDWATER & SURFACE WATER INTERACTION FEB & MAR 2023	CHECK	12,037.83
332	05/25/2023	ELSINORE VALLEY MWD	ADMINISTRATIVE FEE APR 2023	CHECK	2,000.00
333	05/25/2023	RINCON CONSULTANTS INC	BCGSA GROUNDWATER & SURFACE WATER INTERACTION APR 2023	CHECK	35,206.57
334	06/08/2023	VOID PAYMENT	VOID PAYMENT	CHECK	0.00
335	06/22/2023	ALESHIRE & WYNDER, LLP	LEGAL SERVICES JUN 2023	CHECK	1,700.00
336	06/22/2023	US BANK	P CARD PURCHASES MAY 2023	CHECK	947.60
337	07/18/2023	ALESHIRE & WYNDER, LLP	LEGAL SERVICES JUN 2023	CHECK	25.00
338	07/27/2023	ELSINORE VALLEY MWD	ADMINISTRATIVE SERVICE MAY 2023	CHECK	4,000.00

Current Payments Issued: \$55,917.00

Reviewed By: 

Date: Aug 1, 2023

Payment Ratification Report

Cash Disbursements for 08/01/2023 through 10/31/2023

Check or Reference #	Payment Date	Paid to Vendor	Payment Description	Pmt Type	Payment Amount
339	08/10/2023	ELSINORE VALLEY MWD	ADMINISTRATION FEE JUL 2023	CHECK	2,000.00
340	08/24/2023	ALESHIRE & WYNDER, LLP	LEGAL SERVICES JUL 2023	CHECK	25.00
341	09/07/2023	RINCON CONSULTANTS INC	BCGSA GROUNDWATER & SURFACE WATER INTERACTION MAY – JUL 2023	CHECK	63,765.39
342	09/07/2023	WATER SYSTEMS CONSULTING, INC.	GROUNDWATER SUSTAINABILITY PLAN ADMIN SERVICES FEB - JUL 2023	CHECK	76,530.36
343	09/14/2023	ALESHIRE & WYNDER, LLP	LEGAL SERVICES AUG 2023	CHECK	150.00
344	09/14/2023	ELSINORE VALLEY MWD	ADMINISTRATION FEE AUG 2023	CHECK	2,000.00
345	09/28/2023	RINCON CONSULTANTS INC	BCGSA GROUNDWATER & SURFACE WATER INTERACTION AUG 2023	CHECK	31,916.80
346	09/28/2023	TODD GROUNDWATER	BEDFORD COLDWATER BASIN GSP DEVELOPMENT MAY - AUG 2023	CHECK	2,220.00
347	10/05/2023	ELSINORE VALLEY MWD	ADMINISTRATION FEE SEPT 2023	CHECK	2,000.00
348	10/26/2023	TODD GROUNDWATER	BEDFORD COLDWATER BASIN GSP DEVELOPMENT SEPT 2023	CHECK	926.25
349	10/26/2023	RINCON CONSULTANTS INC	BCGSA GROUNDWATER & SURFACE WATER INTERACTION SEPT 2023	CHECK	3,089.05
WIRE TRANSFERS					
1698726	09/08/2023	BCGSA CHECKING	LAIF TRANSFER TO BOFA	WIRE	100,000.00

Current Payments Issued: \$284,622.85

Reviewed By: 

Date: 11/1/2023

Outside Contracts Summary Report

As of September 30, 2023



Consultant Name	Start Date	End Date	Project Description	Total Contract Amount	Paid To Date	Contract Balance	Balance Remaining
Rincon Consultants, Inc.	02/17/23	09/30/23	Temescal Wash Ground/Surface Wtr Invstgtn	153,434.00	146,015.64	7,418.36	5%
Goliath Graphix	03/18/18	01/31/24	Website Maintenance	15,000.00	6,025.00	8,975.00	60%
Babcock Laboratories	11/02/22	02/28/25	Groundwater Sampling & Analysis	12,700.00	4,148.00	8,552.00	67%
Todd Groundwater	06/01/19	06/30/26	GSP Preparation & 5 Annual Updates	827,175.00	687,536.25	139,638.75	17%
Todd Groundwater	09/15/22	06/30/26	Well Drilling Application Evaluation	30,000.00	1,947.50	28,052.50	94%
Water Systems Consulting	05/19/22	06/20/27	GSP Administrator	200,000.00	192,924.01	7,075.99	4%



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: 11/16/2023

To: Board of Directors

From: Michael Cruikshank, PG, CHG, GSP Administrator

SUBJECT: BCGSA ADMINISTRATOR'S REPORT

RECOMMENDATION:

1. Receive a presentation from the BCGSA Administrator

BACKGROUND:

The Sustainable Groundwater Management Act (SGMA), effective January 1, 2015, was enacted in California to regulate and sustainably manage groundwater basins throughout the state. SGMA provides a framework to guide local public agencies and newly created Groundwater Sustainability Agencies (GSAs) in the management of their underlying groundwater basins, especially those considered critically affected as defined by the Department of Water Resources (DWR). The Bedford-Coldwater Groundwater Sustainability Authority (BCGSA) prepared a Groundwater Sustainability Plan (GSP) to maintain long-term groundwater sustainability in the Bedford-Coldwater Groundwater Subbasin.

The Bedford-Coldwater GSP was prepared from June 2018 through December 2021 with active outreach and public participation throughout the process. The GSP was adopted by BCGSA on December 18, 2021 and was submitted to the California Department of Water Resources (DWR) in January 2022. The 2022 GSP provides the basic information, analytical tools, and projects and management actions for continued groundwater management, guided by SGMA and by locally defined sustainability goals, objectives, and metrics.

The BCGSA was awarded a \$1 million-dollar DWR Prop 1 Sustainable Groundwater Planning Grant Program (SGWP) to complete the GSP. The grant was amended to extend the schedule and increase the scope to allow for the BCGSA to fully utilize the grant funds and cover some of the projects and management actions identified in the GSP.

DISCUSSION:

The Administrator's Update presentation provides an overview of the implementation of the Bedford Coldwater GSP with an emphasis on the ongoing projects and management actions. Progress has been made on all three of the projects identified in the GSP: 1) Groundwater/Surface Water Interaction at Temescal Wash, 2) Initiate a Survey of Private Wells and 3) Evaluation of the Effects of Aggregate Pits on Groundwater Flow and Quality. The BCGSA Agencies have been collecting data associated with the management actions listed in the GSP are starting to prepare the Bedford Coldwater Water Year 2023 Annual Report.

The Prop 1 SGWP Close Out Report and Project Completion Report were formally submitted to the Department of Water Resources (DWR) on October 27, 2023, and the release of the remaining retention funds is pending DWR's final review and approval.

Projects

Groundwater Surface Water Interactions at Temescal Wash

The purpose of this study is to reduce uncertainty regarding the riparian habitat and ultimately to improve the GSP's management threshold and protect groundwater-dependent ecosystems. This project will be initiated in two phases: an initial feasibility study and permitting review and a second phase of installation of monitoring facilities and on-going vegetation and shallow groundwater monitoring. BCGSA staff is currently in the process of reviewing a draft monitoring plan, and a more detailed report will be presented at the February Board Meeting. DWR is working on guidance to facilitate compliance with GSP Regulations by Summer 2024, aligning with the forthcoming 5-Year GSP Update. Implementation of Phase 2 is expected to be dependent on the guidance from DWR.

Private Well Survey

The purpose of the private well survey was to reduce the uncertainty regarding the existence of active private domestic wells in the Basin. Specific areas, namely Weirick Road and Leroy Road, have been identified for further investigation in relation to the effectiveness of the sustainable management criteria outlined in the GSP. BCGSA Staff is currently strategizing the next steps for engaging the property owners to gauge their interest in participating in a groundwater data collection effort. A draft of the technical memorandum is included in the Agenda packet.

Evaluation of the Effects of Aggregate Pits on Groundwater Flow and Quality

During the development of the GSP the BCGSA identified the need to better understand the relationship between the aggregate pit mining operations and groundwater. Significant aggregate (sand and gravel) resources mining occurs south of Corona within and along Temescal Wash and north of Lake Elsinore which has been active since the late 1940s. The BCGSA continues to evaluate and improve the understanding of the hydrogeologic conceptual model in the vicinity of aggregate pits which will be incorporated into the 5-year GSP update.

Management Actions

Management actions defined in the GSP are focused on data collection, storage, and reporting necessary to monitor sustainability and assess when additional tasks may be required (e.g., when minimum thresholds are approached or exceeded). The five Management Actions identified in the GSP were:

- Provide for Collection, Compilation, and Storage of Information Required for Annual Reports and Submit Annual Reports
- Routinely Record Groundwater Levels and Take Action if Necessary
- Monitor Selected Groundwater Quality Constituents and Coordinate with the Regional Water Quality Control Board as Appropriate
- Track Trends in Groundwater Levels near Temescal Wash and Take Action
- Review Interferometric Synthetic Aperture Radar (InSAR) Data on the California Department of Water Resources (DWR) Data Viewer During 5-Year Updates

The BCGSA has initiated the data collection effort identified in the management actions and will be used in the development of Bedford Coldwater Water Year 2023 Annual Report.

FISCAL IMPACT:

Not applicable

ENVIRONMENTAL WORK STATUS:

Not applicable

EXHIBITS/ATTACHMENTS:

1. Administrator's Update Presentation

November 16, 2023

BCGSA Administrator's Update

Administrator's Update

- BCGSA GSP Prop 1 GWGP Closeout
- GSP Implementation
 - Projects and Management Actions
 - Temescal Wash GW/SW Interaction Monitoring Plan
 - Private Domestic Well Survey
 - 2023 Annual Report – 3rd Annual Report



BCGSA GSP Prop 1 GWGP Closeout

- Prepared Project and Grant Close Out Reports
- Amendments to Grant Covered Additional Tasks
 - 2022 Annual Report
 - Private Domestic Well Survey
 - Website Update

Budget Category	Grant Amount	Required Cost Share	Total Cost
(a) Grant Administration	\$36,000.00	\$125,000.00	\$161,000.00
(b) GSP Development	\$390,000.00	\$725,500.00	\$1,115,500.00
(c) Stakeholder Engagement	\$115,000.00	\$24,500.00	\$139,500.00
(d) Construction/Implementation	\$459,000.00	\$125,000.00	\$584,000.00
Total:	\$1,000,000.00	\$1,000,000.00	\$2,000,000.00

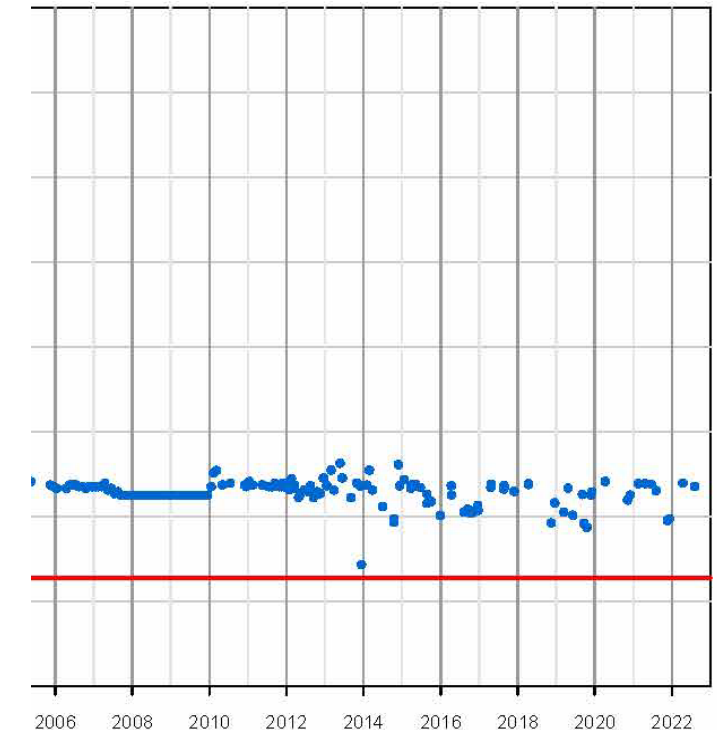
Projects and Management Actions

- **Project 1** – Investigate Groundwater/Surface Water Interaction at Temescal Wash and Install Monitoring Wells.
- **Project 2** – Initiate a Survey of Active Private Wells.
- **Project 3** – Evaluation of the Effects of Aggregate Pits on Groundwater Flow and Quality



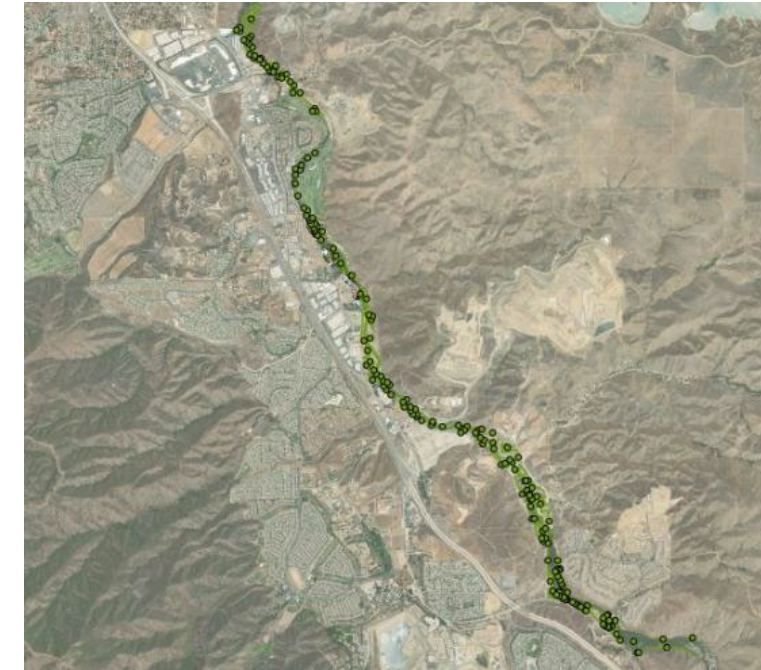
Projects and Management Actions

- **Action 1** – Provide for Collection, Compilation, and Storage of Information Required for Annual Reports and Submit Annual Reports
- **Action 2** – Routinely Record Groundwater Levels and Take Action if Necessary
- **Action 3** – Monitor Selected Groundwater Quality Constituents and Coordinate with the Regional Water Quality Control Board as Appropriate
- **Action 4** – Track Trends in Groundwater Levels near Temescal Wash and Take Action as Necessary
- **Action 5** – Review Interferometric Synthetic Aperture Radar (InSAR) Data on the California Department of Water Resources (DWR) Data Viewer During 5-Year Updates



Groundwater/Surface Water Interaction at Temescal Wash

- Purpose of this study is to reduce uncertainty regarding the riparian habitat and ultimately to improve the GSP's management threshold and protect groundwater-dependent ecosystems.
 - Phase 1 Initial Feasibility Study and Monitoring Plan
 - Phase 2 Installation of Monitoring Facilities and ongoing



Vegetation Survey

Groundwater/Surface Water Interaction at Temescal Wash

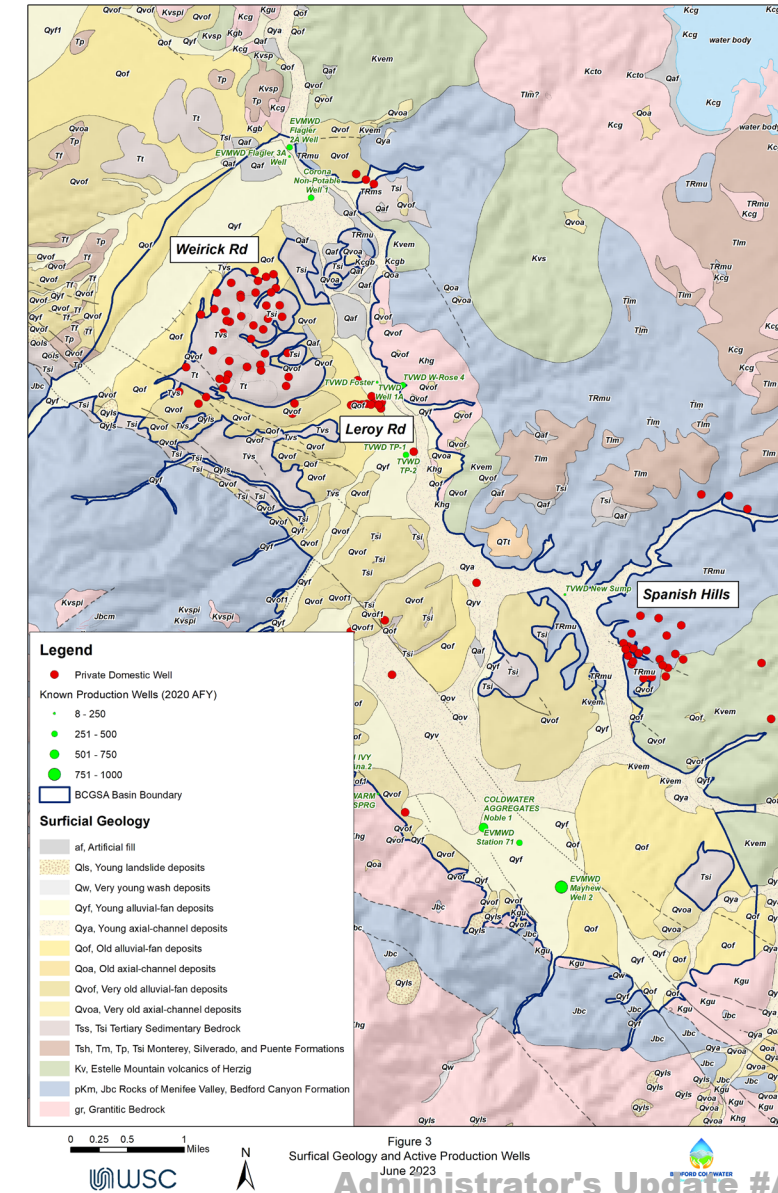
- BCGSA Staff is Reviewing the Draft Monitoring Plan
 - Will provide a recommendation at the February Board Meeting
- DWR released and [Information Sheet](#) providing a schedule for releasing guidance documents on the technical aspects of the groundwater/surface water interactions sustainable management criteria



Temescal Wash

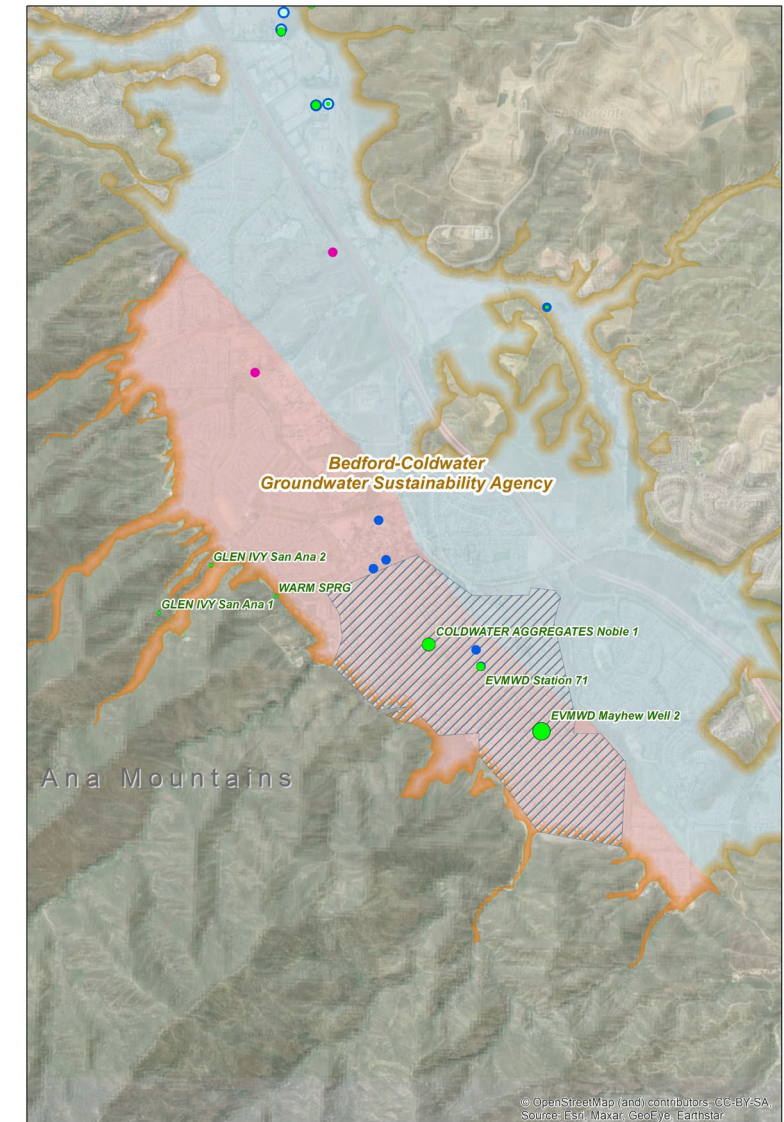
Domestic Private Well Survey

- Purpose of the private well survey was to reduce the uncertainty regarding the existence of active private domestic wells in the Basin.
- Survey identified Weirick Road and Leroy Rd areas as locations with active private wells
- Technical Memorandum is included in the Agenda Packet
- BCGSA Staff is strategizing next steps on outreach to the well owners



Effects of Aggregate Pits on GW Flow and Quality

- Purpose is to develop a better understanding of the relationship between aggregate pit mining operations and groundwater which will be incorporated into the 5-year GSP update.



Management Actions

- 2023 Annual Report documents water conditions including:
 - groundwater elevations and storage
 - water supplies and use
 - an updated water balance, and
 - groundwater sustainability progress for water year 2023.





BEDFORD COLDWATER
Groundwater Sustainability Authority