



**BEDFORD COLDWATER**  
Groundwater Sustainability Authority

**REGULAR BOARD MEETING  
AGENDA**

**May 18, 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. Consent Calendar
  - A. Approval of Minutes of the Regular Meeting of February 16, 2023
  - B. Financial Statements
  - C. Payment Ratification Report
  - D. Outside Contracts Summary Report
- II. Business Calendar
  - A. Consider Adoption of Proposed Fiscal Year 2023-24 Budget
  - B. Appointment of Treasurer
  - C. Appointment of Secretary
  - D. Appointment of ACWA/JPIA Representatives
- III. Administrator's Update



**BEDFORD COLDWATER**  
Groundwater Sustainability Authority

Meeting Agenda

May 18, 2023 4:00 PM

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**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

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Date: May 18, 2023

To: Board of Directors

From: Deputy Treasurer

**SUBJECT: APPROVAL OF MINUTES OF THE REGULAR MEETING OF  
FEBRUARY 16, 2023**

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**RECOMMENDATION:**

1. Approve the Minutes of the Bedford-Coldwater Groundwater Sustainability Authority Regular Meeting of February 16, 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  
REGULAR MEETING OF THE  
BEDFORD COLDWATER  
GROUNDWATER SUSTAINABILITY AUTHORITY**

**February 16, 2023**

**Board Present**

Jacque Casillas, City of Corona  
Jack T. Ferguson, EVMWD

**Staff Present**

Greg Thomas, EVMWD  
Jeff Pape, TVWD  
Alex Lemieux, Aleshire & Wynder, LLP  
Tom Moody, City of Corona  
Margie Armstrong, EVMWD  
Christy Gonzalez, EVMWD  
Terese Quintanar, EVMWD  
Michael Cruikshank, Water Systems Consulting  
Katie Hockett, City of Corona  
Jennifer Jacobs, Rincon  
Kieran Brtalik, Rincon  
Corrine Nikolic, EVMWD  
Scott Thompson, EVMWD

**CALL TO ORDER AND ROLL CALL**

The meeting of the Bedford-Coldwater Groundwater Sustainability Authority was held via teleconference allowed under the waivers of the Brown Act in response to the COVID19 epidemic. Participants joined by accessing information posted on the meeting Agenda, posted at least 72 hours prior to the meeting start time. The meeting was called to order by Chairperson Casillas at 4:01 p.m.

**PUBLIC COMMENT**– There were none. Opportunity for public comment was provided to attendees for the entire duration of the meeting.

**1. CONSIDER ADOPTION OF A RESOLUTION AUTHORIZING CONTINUANCE OF REMOTE TELECONFERENCE MEETINGS (Resolution No. 23-01)**

Chairperson Casillas explained that this is a reoccurring resolution to be acted upon, and that this would be the last time for consideration of adoption as the Governor's Emergency Order is set to expire February 28, 2023.

**ACTION:** Director Ferguson made a motion, Chairperson Casillas seconded, and the motion carried unanimously to Adopt Resolution No. 23-01.



## 2. CONSENT CALENDAR

- A. Approval of Minutes of the August 18, 2022 Regular Meeting
- B. Financial Statement
- C. Ratification of Demands
- D. Outside Contract Summary Report

Chairperson Casillas commented on Consent Calendar item 2.B, saying that some expenses are less than anticipated, and asked for an explanation of the ACWA membership dues.

Ms. Armstrong responded that the BCGSA is insured by the Association of California Water Agencies- Joint Powers Insurance Authority (ACWA-JPIA). In order to obtain insurance through ACWA-JPIA, membership with ACWA is required. Ms. Armstrong also responded that some of the expenses look low due to the timing of payment of GSP costs, as there is often a lag, but there was one project completed that was a smaller effort than originally anticipated.

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

## 3. BUSINESS CALENDAR

- A. Approval of a Professional Services Agreement with Rincon Consultants, Inc. for the Investigation of Groundwater Surface Water Interactions at Temescal Wash (MO #44)

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.

There are number of components that are required in the Groundwater Sustainability Plan (GSP) implementation, including monitoring of groundwater levels, groundwater extractions, total water (import, surface water, and groundwater) use, change in groundwater storage, groundwater quality, subsidence, and changes in surface flow resulting from groundwater extraction in the basin. This investigation corresponds directly to Project 1 – Investigate Groundwater/Surface Water Interaction at Temescal Wash, listed in Chapter 8, Projects and Management Actions, in the GSP.

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. An outcome of the project's initial phase is identifying appropriate locations and associated permitting requirements for monitoring wells, drive points, or piezometers along Temescal Wash. The work will result in recommendations for future riparian monitoring protocols and permitting requirements for the installation of piezometers or drive points close to the wash itself. The second phase of the project is dependent on the result of the initial phase and will be contracted separately.

On November 9, 2022, BCGSA solicited proposals for the investigation of groundwater/surface water interactions at Temescal Wash. Two proposals were received on December 9, 2022. A review panel was established to evaluate the proposals. Based on firm qualifications, experience, and project understanding, the panel concluded that Rincon Consultants, Inc. is the most qualified consultant. Tasks and deliverables are well defined. Phased approach taken. Any changes need to be approved by the Board.

After careful review, staff recommended award of a Professional Services Agreement with Rincon, Inc. in the amount of \$153,434. The PSA includes the Optional Task 8 – Develop Refined Topographic Data and Optional Task 11 – Monitoring Designs and Bid Packages. This item has been incorporated in the FY 2022-23 and FY 2023-24 Budget.

**ACTION:** Chairperson Casillas made a motion, Director Ferguson seconded, and the motion carried unanimously to approve:

1. Approve a Professional Services Agreement (PSA) with Rincon Consultants, Inc. for the Investigation of Groundwater/Surface water Interactions at Temescal Wash with Rincon Consultants Inc. in the amount of \$152,434; and
2. Authorize the Deputy Treasurer to execute the appropriate documents on behalf of the Authority.

## **B. Approval of Amendment No. 2 to the Service Agreement with Elsinore Valley Municipal Water District (MO# 45)**

On October 1, 2017, the Board approved a Services Agreement with Elsinore Valley Municipal Water District (EVMWD) for services related to the administration of the JPA.

The first amendment to the Services Agreement was approved by the Board on May 16, 2019, for clarification of insurance information.

The scope of work contained in the original agreement includes administrative and financial services. Administrative services include tasks associated with Board meetings, public records request, and records management. Financial services include tasks such as financial statement preparation, reconciliations, and audits. At that time, it was envisioned that all other tasks will be done by the consulting Groundwater Sustainability Plan (GSP) Administrator.

Over time, it became apparent that coordination with and oversight of the GSP administrator, as well as other consultants, is necessary. Additionally, EVMWD negotiates and administers all JPA contracts. Due to the added scope of services, EVMWD has proposed an increase in the monthly service fee to cover their cost of providing these services, to be implemented over two years. The first increase of \$1,000 per month is proposed to be effective January 2023, with a second increase of \$1,000 per month effective in January 2024.

The amendment also proposes to a five-year extension, with subsequent automatic five-year extensions that can be terminated by either party with a 180 days' written notice. This amendment increases the JPA administration cost by \$6,000 in FY 2022-23 and \$12,000 in FY 2023-24. There are sufficient reserves available to cover the initial increase. The additional increase has been incorporated in the FY 2023-24 Budget

Staff recommended that the Board approve Amendment No. 2 to the Services Agreement with Elsinore Valley Municipal Water District for JPA administration services.

**ACTION:** Chairperson Casillas made a motion, Director Ferguson seconded, and the motion carried unanimously to approve:

1. Approve Amendment No. 2 to Service Agreement with Elsinore Valley Municipal Water District for Joint Powers Authority (JPA) administration services.

## **4. Administrator's Update**

Mr. Cruikshank provided highlights on information provided in the meeting packet in the form of the Grant Progress Report. He highlighted work on the grant extension with DWR to extend the end of the grant period from March 31, 2023 to June 30, 2023 to

enable the Authority to spend the full grant amount. This way, the Second Annual Report will also be included. He also reported on the data collection effort in preparation for associated maps, figures, and tables for the Second Annual Report. This information will be shared at the May Board meeting. He shared that there is good news concerning water levels, and that levels across the basin have increased 5-20 feet, depending on the location within the basin. He concluded with reporting that the GSA completed a response letter to the County, associated with the Executive Order associated with Goco Hospitality’s well application, which will flow through the normal procedure with the County.

**5. Legal Counsel Report**

Due to technical difficulties, Mr. Lemieux did not provide any updates.

**6. Comments of the Board**

Chairperson Casillas welcomed Director Ferguson to the Board.

**7. Adjourn**

There being no further business, the February 16, 2023, Regular meeting of the Bedford-Coldwater Groundwater Sustainability Authority was adjourned at 4:27 p.m.

**ATTEST:**

**APPROVED:**

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Jacque Casillas, Chairperson

Date: \_\_\_\_\_

Date: \_\_\_\_\_

**Bedford Coldwater Groundwater Sustainability Authority**  
**STATEMENT OF NET POSITION (Unaudited)**  
**As of March 31, 2023**

<b>ASSETS</b>	<b><u>FY 2023</u></b>	<b><u>FY 2022</u></b>
<b><u>Current Assets:</u></b>		
Cash and Cash Equivalents	\$ 202,976	\$ 118,751
Investments	506,855	374,315
Capital Assets	<u>493,444</u>	<u>493,444</u>
<b>Total Assets</b>	<b><u>\$ 1,203,275</u></b>	<b><u>\$ 986,511</u></b>
 <b><u>LIABILITIES &amp; NET POSITION</u></b>		
<b><u>Current Liabilities:</u></b>		
Accounts Payable	17,811	1,000
Member Deposits	<u>1,039,234</u>	<u>779,136</u>
<b>Total Liabilities</b>	1,057,045	780,136
 <b><u>Net Position:</u></b>		
Restricted for:		
Operating Reserve	12,230	31,000
Non-Operating Reserve	<u>134,000</u>	<u>175,375</u>
<b>Total Net Position</b>	146,230	206,375
<b>Total Liabilities &amp; Net Position</b>	<b><u>\$ 1,203,275</u></b>	<b><u>\$ 986,511</u></b>

**Bedford Coldwater Groundwater Sustainability Authority**  
**STATEMENT OF REVENUES & EXPENDITURES (Unaudited)**  
**As of March 31, 2023**

<b>REVENUE</b>	<b>FY 2023 Actual</b>	<b>FY 2023 Budget</b>	<b>% of Budget</b>
Member Contributions Carry over - PY	\$ 493,067	\$ 275,000	179
Grant Reimbursement	366,244	570,000	64
Other Revenue	5,500	-	0
Interest Income	8,239	5,000	165
<b>TOTAL REVENUE</b>	<b>873,050</b>	<b>850,000</b>	<b>103</b>
<b>JPA ADMINISTRATION EXPENSES</b>			
JPA Oversight/Management	12,000	12,000	100
Consulting expenses	27,532	20,000	138
Legal Expenses	5,870	5,000	117
ACWA Dues	4,435	3,575	124
Insurance Premium	1,508	2,300	66
Website Domain & Maintenance	400	3,000	13
Bank Fees	1,036	1,500	69
Auditing Services	1,545	1,545	100
<b>TOTAL JPA ADMINISTRATION EXPENSES</b>	<b>54,326</b>	<b>48,920</b>	<b>111</b>
<b>GSP EXPENSES</b>			
<u>GSP Projects</u>			
Groundwater/Surface Water Interaction	10,087	325,000	3
Private Wells Survey	31,856	60,000	53
Effects of Aggregate Pits Evaluation	1,345	50,000	3
<u>Management Actions</u>			
Annual GSP Report	37,517	60,000	63
All Other Management Actions	17,837	41,000	44
Well Drilling Applications	10,452	-	0
<b>GSP EXPENSES</b>	<b>109,094</b>	<b>536,000</b>	<b>20</b>
<b>TOTAL EXPENSES</b>	<b>163,419</b>	<b>584,920</b>	<b>28</b>
<b>Transfers</b>			
Transfer to/(from) Reserves	(60,145)	(60,145)	0
<b>MEMBER CONTRIBUTION AVAILABLE</b>	<b>\$ 769,775</b>	<b>\$ 325,225</b>	

**Bedford Coldwater Groundwater Sustainability Authority**  
**CASH RESERVE REPORT**  
**As of March 31, 2023**

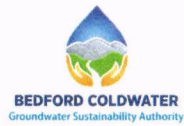
**OPERATING RESERVE**

Operating Budget (FY 2023)	48,920
Operating Reserve	25%
Non-operating Reserve	<u>12,230</u>

**NON-OPERATING RESERVE**

Non-Operating Budget (FY 2023)	536,000
Non-Operating Reserve Target	25%
<b>TOTAL NON-OPERATING RESERVE BALANCE</b>	<u>134,000</u>

<b>TOTAL RESERVE BALANCE</b>	<u><u>\$ 146,230</u></u>
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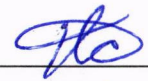
Print Date: 05/01/2023

## Payment Ratification Report

Cash Disbursements for 02/01/2023 through 04/30/2023

Check or Reference #	Payment Date	Paid to Vendor	Payment Description	Pmt Type	Payment Amount
322	02/16/2023	ALESHIRE & WYNDER, LLP	LEGAL SERVICES JAN 2023	CHECK	200.00
323	02/16/2023	ELSINORE VALLEY MWD	ADMINISTRATIVE FEE JAN 2023	CHECK	1,000.00
324	02/23/2023	ELSINORE VALLEY MWD	INCREASE TO ADMINISTRATIVE FEE JAN 2023	CHECK	1,000.00
325	03/09/2023	TODD GROUNDWATER	BEDFORD COLDWATER GSP OCT 2022 – JAN 2023	CHECK	15,206.25
326	03/16/2023	ALESHIRE & WYNDER, LLP	LEGAL SERVICES FEB 2023	CHECK	550.00
327	03/16/2023	ELSINORE VALLEY MWD	ADMINISTRATIVE FEE FEB 2023	CHECK	2,000.00
328	03/30/2023	WATER SYSTEMS CONSULTING, INC.	BEDFORD COLDWATER GSP JAN 2023	CHECK	39,868.54
329	04/13/2023	ELSINORE VALLEY MWD	ADMINISTRATIVE FEE MAR 2023	CHECK	2,000.00
330	04/13/2023	TODD GROUNDWATER	BEDFORD COLDWATER GSP FEB 2023	CHECK	15,811.25

**Current Payments Issued: \$77,636.04**

Reviewed By: 

Date: 5/1/2023



## Outside Contracts Summary Report

As of May 3, 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	12,037.83	141,396.17	92%
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	673,608.75	153,566.25	19%
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	112,548.60	87,451.40	44%



**BEDFORD COLDWATER**  
Groundwater Sustainability Authority

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Date: May 18, 2023

To: Board of Directors

From: Deputy Treasurer

**SUBJECT: ADOPTION OF PROPOSED FISCAL YEAR 2023-24 BUDGET**

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**RECOMMENDATION:**

1. Approve proposed BCGSA FY 2023-24 Budget.

**DISCUSSION:**

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.

All expenditures in the proposed FY 2023-24 Budget, net of grant reimbursements, are recoverable by member-agency contributions. The member contribution carryover for FY 2023-24 budget is estimated at \$586,909 by fiscal year end. There is no proposed member contribution for FY 2023-24 for each of the member agencies, as there are sufficient funds on hand to cover the FY 2023-24 budgeted expenses..

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.

**FISCAL IMPACT:**

Established in the attached proposed Budget.

**ENVIRONMENTAL WORK STATUS:**

Not Applicable

**EXHIBITS/ATTACHMENTS:**

Proposed FY 2023-24 Budget

Bedford-Coldwater Groundwater Sustainability Authority  
Proposed Budget - FY 2023-24

	Proposed	Projected				5 Yr Total
	2023-24	2024-25	2025-26	2026-27	2027-28	
<b>JPA Administration</b>						
GSP Administrator	\$35,000	\$35,600	\$36,200	\$36,800	\$37,400	\$ 181,000
JPA Oversight/Management	30,000	36,000	36,000	36,000	36,000	174,000
Website Domain & Software	2,000	2,000	2,000	2,000	2,000	10,000
Website Content Design and Maintenance	800	1,000	1,000	1,000	1,000	4,800
Legal Expenses	8,000	8,100	8,200	8,300	8,400	41,000
Auditing Services	1,605	1,605	1,700	1,800	1,900	8,610
Insurance	2,300	2,400	2,500	2,600	2,700	12,500
Bank Fees	1,600	1,600	1,600	1,600	1,600	8,000
Dues/Memberships	4,570	4,700	4,800	4,900	5,000	23,970
<b>Total JPA Administration Costs</b>	<b>85,875</b>	<b>93,005</b>	<b>94,000</b>	<b>95,000</b>	<b>96,000</b>	<b>\$ 463,880</b>
<b>GSP Implementation Costs</b>						
Management Actions	95,000	95,000	95,000	95,000	95,000	475,000
Projects	166,000	170,000	-	-	-	336,000
Other	36,000	136,000	286,000	36,000	36,000	530,000
<b>Total GSP Implementation Costs</b>	<b>297,000</b>	<b>401,000</b>	<b>381,000</b>	<b>131,000</b>	<b>131,000</b>	<b>\$ 1,341,000</b>
<b>Reserve Requirement</b>						
Operating Reserve (25%)	9,239	1,782	249	250	250	11,770
Non-Operating Reserve (25%)	-	26,000	-	-	-	26,000
	9,239	27,782	249	250	250	37,770
<b>Total Budget</b>	<b>\$ 392,114</b>	<b>\$ 521,787</b>	<b>\$ 475,249</b>	<b>\$ 226,250</b>	<b>\$ 227,250</b>	<b>\$ 1,842,650</b>

**Bedford-Coldwater Groundwater Sustainability Authority  
Proposed Budget - GSP Implementation Costs**

	Proposed	Projected				
	2023-24	2024-25	2025-26	2026-27	2027-28	5 Yr Total
<b><u>Management Actions:</u></b>						
# 1 Annual Report	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
# 2 All Other Management Actions	35,000	35,000	35,000	35,000	35,000	175,000
Total Management Actions	\$ 95,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 475,000
<b><u>Projects:</u></b>						
# 1 Investigate Groundwater/Surface Water Interaction	\$ 166,000	\$ 170,000	\$ -	\$ -	\$ -	\$ 336,000
<b><u>Other:</u></b>						
# 1 Annual Vegetation Monitoring	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
# 2 Well Drilling Application Evaluations	11,000	11,000	11,000	11,000	11,000	55,000
# 3 5-Year GSP Updates	-	100,000	250,000			350,000
Total Other	\$ 36,000	\$ 136,000	\$ 286,000	\$ 36,000	\$ 36,000	\$ 530,000
Total GSP Implementation Costs	\$ 297,000	\$ 401,000	\$ 381,000	\$ 131,000	\$ 131,000	\$ 1,341,000

Bedford-Coldwater Groundwater Sustainability Authority  
Proposed Member Contribution

	Proposed		Projected			5 Yr Total
	2023-24	2024-25	2025-26	2026-27	2027-28	
<b>Revenue</b>						
Grant Reimbursement	\$50,000	\$0	\$0	\$0	\$0	\$ 50,000
Member Contribution Carryover	603,000	335,636	-	-	-	938,636
Interest Income	4,000	3,500	3,000	3,000	3,000	16,500
Other Revenue	11,000	11,000	11,000	11,000	11,000	55,000
Operating Reserves	-	-	-	-	-	-
Non-Operating Reserves	59,750	-	5,000	62,500	-	127,250
<b>Total Revenue</b>	<b>\$727,750</b>	<b>\$350,136</b>	<b>\$19,000</b>	<b>\$76,500</b>	<b>\$14,000</b>	<b>\$1,187,386</b>
<b>Total Budget</b>	<b>\$392,114</b>	<b>\$521,787</b>	<b>\$475,249</b>	<b>\$226,250</b>	<b>\$227,250</b>	<b>\$1,842,650</b>
<b>Member Contribution</b>						
Member Contribution Carryover	-\$335,636	-	-	-	-	-
Member Contribution	-	\$171,651	\$456,249	\$149,750	\$213,250	\$655,264
<b>Member Contribution per Agency</b>	<b>\$0</b>	<b>\$57,217</b>	<b>\$152,083</b>	<b>\$49,917</b>	<b>\$71,083</b>	<b>\$330,300</b>



**BEDFORD COLDWATER**  
Groundwater Sustainability Authority

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Date: May 18, 2023

To: Board of Directors

From: Deputy Treasurer

**SUBJECT: APPOINTMENT OF TREASURER**

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**RECOMMENDATION:**

1. Adopt a Resolution Appointing a Treasurer for the Authority.

**DISCUSSION:**

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 will also be 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 will also be 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.

In May 2017, the Board adopted Resolution No. 17-02, appointing Phil Williams as the Authority's Treasurer. It is recommended that the Board appoint a replacement to fulfill the role and duties of the Treasurer.

**FISCAL IMPACT:**

As provided in the JPA, all costs of the JPA shall be shared equally by the Authority Members.

**ENVIRONMENTAL WORK STATUS:**

Not applicable.

**EXHIBITS/ATTACHMENTS:**

Draft Resolution



RESOLUTION NO. 23-XX

RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
BEDFORD-COLDWATER GROUNDWATER  
SUSTAINABILITY AUTHORITY APPOINTING A  
TREASURER

WHEREAS, per Government Code Section 6505.5 and 6505.6, and as reflected in the Joint Powers Agreement by and among the City of Corona, Elsinore Valley Municipal Water District, and Temescal Valley Water District, the Board shall appoint a Treasurer for the Bedford-Coldwater Groundwater Sustainability Authority (Authority); and

WHEREAS, the Treasurer will be designated as the fiscal agent and depository for the Authority; and

WHEREAS, the Treasurer shall be the depository and have custody of all money of the Authority, from whatever source, subject to the applicable provisions of any indenture or resolution providing for a trustee or other fiscal agent; and

WHEREAS, all funds of the Authority shall be held in the operating fund or such other separate accounts as may be necessary, in the name of the Authority and not commingled with the funds of any Member or any other person or entity.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Bedford-Coldwater Groundwater Sustainability Authority that the Board of Directors does hereby appoint \_\_\_\_\_, as the Treasurer of the Authority.

APPROVED AND ADOPTED this 18th day of May, 2023.

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Jacque Casillas, Chairperson of the  
Bedford-Coldwater Groundwater  
Sustainability Authority

ATTEST:

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\_\_\_\_\_, Secretary of  
the Bedford-Coldwater Groundwater  
Sustainability Authority



**BEDFORD COLDWATER**  
Groundwater Sustainability Authority

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Date: May 18, 2023

To: Board of Directors

From: Deputy Treasurer

**SUBJECT: APPOINTMENT OF SECRETARY**

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**RECOMMENDATION:**

1. Appoint a Secretary for the Authority.

**DISCUSSION:**

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.

At the August 30, 2017, meeting, the Board appointed Phil Williams by minute order. Although not required by the JPA, it is recommended that the Board appoint a Secretary for the Authority so that resolutions and other documents of the Authority can be attested to, and minutes of the Board’s meetings can be prepared.

Due to potential employment and pension issues related to the use of a member agency public employee as a secretary to a joint powers authority, it is recommended that the Board of Directors appoint a Board member as the official Secretary to the Board in lieu of any employees of any of the member agencies.

**FISCAL IMPACT:**

As provided in the JPA, all costs of the JPA shall be shared equally by the Authority Members.

**ENVIRONMENTAL WORK STATUS:**

Not applicable.

**EXHIBITS/ATTACHMENTS:**

None.



**BEDFORD COLDWATER**  
Groundwater Sustainability Authority

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Date: May 18, 2023

To: Board of Directors

From: Deputy Treasurer

**SUBJECT: APPOINTMENT OF ACWA/JPIA REPRESENTATIVES**

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**RECOMMENDATION:**

That the Board of Directors:

1. Appoint a JPIA Director Representative to attend and participate in any JPIA Board of Directors Meeting; and
2. Appoint a JPIA Alternate Representative to attend and participate in any JPIA Board of Directors Meeting

**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.

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. Staff recommends appointment of a JPIA Director and Alternate Director to represent the Authority.

**FISCAL IMPACT:**

Not applicable.

**ENVIRONMENTAL WORK STATUS:**

Not applicable.

**EXHIBITS/ATTACHMENTS:**

JPIA Board of Directors – Member/Alternate Form

# JPIA Board of Directors - Member/Alternate

An excerpt from the JPIA Agreement:

## "Article 7 - Board of Directors"

- (a) The Authority shall be governed by the Board of Directors which is hereby established and which shall be composed of one representative from each Member, who shall be a Member director selected by the governing board of that Member. Each Member, in addition to appointing its member of the Board, shall 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.
- (b) Each Director or alternate of the Board shall serve until a successor is appointed. Each Director or alternate shall serve at the pleasure of the Member by which he or she has been appointed.
- (c) Each Director representing a Member, or his or her alternate, shall have one vote.

Please have your agency's Board of Directors designate a JPIA Director Representative and Alternate Representative.

Member Agency: \_\_\_\_\_

**JPIA Director Representative:** \_\_\_\_\_

Must be a member of the agency's board of directors.

Preferred mailing address: \_\_\_\_\_  
\_\_\_\_\_

E-mail address: \_\_\_\_\_

Phone number: \_\_\_\_\_

Assuming office date: \_\_\_\_\_

**JPIA Alternate Representative:** \_\_\_\_\_

Preferred mailing address: \_\_\_\_\_  
\_\_\_\_\_

E-mail address: \_\_\_\_\_

Phone number: \_\_\_\_\_

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Please mail form to: Attn: Bobbette Wells, ACWA/JPIA, PO Box 619082, Roseville, CA 95661-9082

or FAX to: (916) 774-7040

## **GSP Administrator's Update Through 05/08/2023**

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- Conducted a monthly meeting with BCGSA Staff on April 13, 2023 to discuss BCGSA Well Permit Application Evaluation, provided updates on other projects and management actions from the GSP, results of the Temescal Wash Groundwater Surface Water Investigation and the execution of BCGSA's private well survey.
- Prepared the 5 year budget projection for the BCGSA in coordination with Staff.
- Prepared and submitted the 2<sup>nd</sup> Annual Report to DWR.
- Work continued on the private well survey project identified in the GSP.
- Preparation of Board Packet for the May Board Meeting.
- Update on Investigation of Groundwater/Surface water Interactions at Temescal Wash Project will be provided at the Board Meeting.

### **Prop 1 SGWP Grant Progress Report** **Reporting Period: 01/01/2023 to 3/31/2022 – as reported to DWR**

#### **Budget Category (a): Grant Administration**

**Estimated Percent Complete: 94%**

##### **Task: Grant Administration**

- Prepared, reviewed, and revised Q4 2022 invoice and progress report and submitted to DWR.
- Began invoice markup for Q1 2023.
- Discussed status of grant deliverables and budget.
- Prepared grant amendment.
- Communication and coordination with subconsultants, Stantec and Todd Groundwater.
- Attended kickoff meeting with Rincon Consultants for implementation of GSP Project 1.
- Completed monthly invoice processing for Administrator (WSC) and subconsultants from 1/1/2023 to 3/31/2023.

#### **Budget Category (b): GSP Development**

Estimated Percent Complete: 95%

##### **Task 1: Previously Completed Studies**

Estimated Percent Complete: 100%

##### **Task 2: Baseline Sampling and Analysis to Support Groundwater Quality Monitoring Program**

Estimated Percent Complete: 100%

##### **Task 2B: Second Groundwater Quality Sampling Event to Support Groundwater Quality Monitoring Program**



Estimated Percent Complete: 100%

**Task 3: Bedford Coldwater Groundwater Sustainability Agency (BCGSA) Data Management System (DMS)**

Estimated Percent Complete: 82%

**Task 4: GSP Development**

Estimated Percent Complete: 100%

**Task 4B: GSP Annual Report**

Estimated Percent Complete: 100%

- Todd Groundwater performed an initial data collection and review for the second Annual Report.
- Todd Groundwater collected, reviewed, and analyzed data, conducted water budget analysis, and prepared the second Annual Report.
- WSC coordinated data gathering with Todd Groundwater for inclusion in the second Annual Report.
- Todd Groundwater updated the groundwater model, conducted simulations, and prepared groundwater contours.
- Todd Groundwater provided responses to comments on the draft second Annual Report, revised and finalized the report, and submitted to DWR.

**Task 4C: Develop Request for Proposals (RFPs) and Execute Contracts for GSP Required Projects**

Estimated Percent Complete: 90%

- WSC began preparing a Technical Memorandum regarding GSP Project 3 – Evaluation of the Effects of Aggregate Pits on Groundwater Flow and Quality.

**Budget Category (c): Stakeholder Engagement**

Estimated Percent Complete: 95%

**Task 5: Stakeholder Outreach Plan, Website, and Coordination Meetings**

- Attended and prepared materials for discussion during the Administrator’s update portion of the JPA Board meeting (draft meeting minutes are included in Appendix B):
  - 2/16/2023; eligible topics discussed: Administrator’s Update regarding GSP activities and updates on GSP project status. The Administrator’s Update is part of the agenda and meeting packet provided to the JPA Board members prior to meetings. Board meeting discussion of the Administrator’s Update is summarized in Section 6 of the meeting minutes.
- Prepared materials and conducted BCGSA Staff coordination calls (meeting summary is included in Appendix B):
  - 1/12/2023 – Staff meeting to discuss GSP projects and RFPs, data collection for the second Annual Report, and the private well survey.
  - 2/9/2023 – Staff meeting to discuss GSP projects and RFPs, grant status, data collection for the second Annual Report, and the private well survey.
  - 3/9/2023 – Staff meeting to discuss GSP projects and RFPs, grant status, data collection for the second Annual Report, and the private well survey.

- WSC discussed and began preparation of materials to update the BCGSA website to focus on implementation of the GSP.

**Budget Category (d): Construction/Implementation**

**Estimated Percent Complete: 97%**

**Task 6: Monitoring Well Equipment Installation**

**Estimated Percent Complete: 100%**

**Task 7: New Monitoring Wells**

**Estimated Percent Complete: 100%**

**Task 8: Project Monitoring Plan**

**Estimated Percent Complete: 100%**

**Task 9: Private Well Research and Field Survey**

**Estimated Percent Complete: 75%**

- WSC prepared maps and figures following the field survey.
- WSC prepared the text, tables, and figures for the private well survey technical memorandum.
- WSC updated data and the private well database with information obtained from private well logs and the field survey.

**Status of Grant Invoicing  
Reporting Period: Inception to Date through 03/31/2023**

<b>Category</b>	<b>Total Invoiced</b>	<b>Local Contribution</b>	<b>Grant Funded</b>	<b>Retention Withheld</b>	<b>Net Grant \$ to be Paid</b>	<b>Paid to Date</b>
(A) Grant Administration	136,775	125,000	11,775	1,177	10,597	881
(B) GSP Development	1,108,667	725,500	383,167	38,317	344,850	278,800
(C) Stakeholder Engagement	130,553	24,500	106,053	10,605	95,448	79,234
(D) Construction/Implementation	553,828	125,000	428,828	42,883	385,945	350,933
<b>Total</b>	<b>1,929,823</b>	<b>1,000,000</b>	<b>929,823</b>	<b>92,982</b>	<b>836,841</b>	<b>709,848</b>

May 18, 2023

# BCGSA Administrator's Update



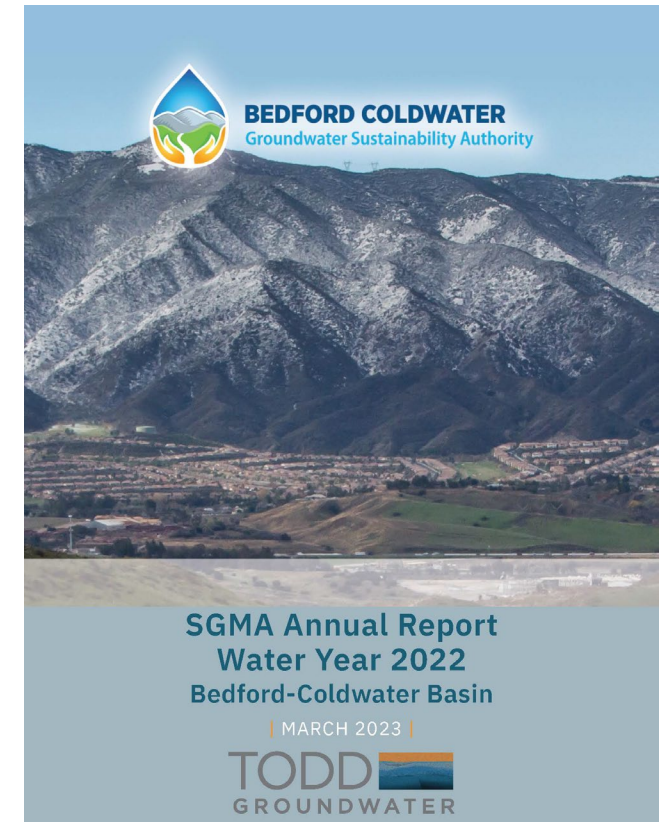
Michael Cruikshank, PG, CHG

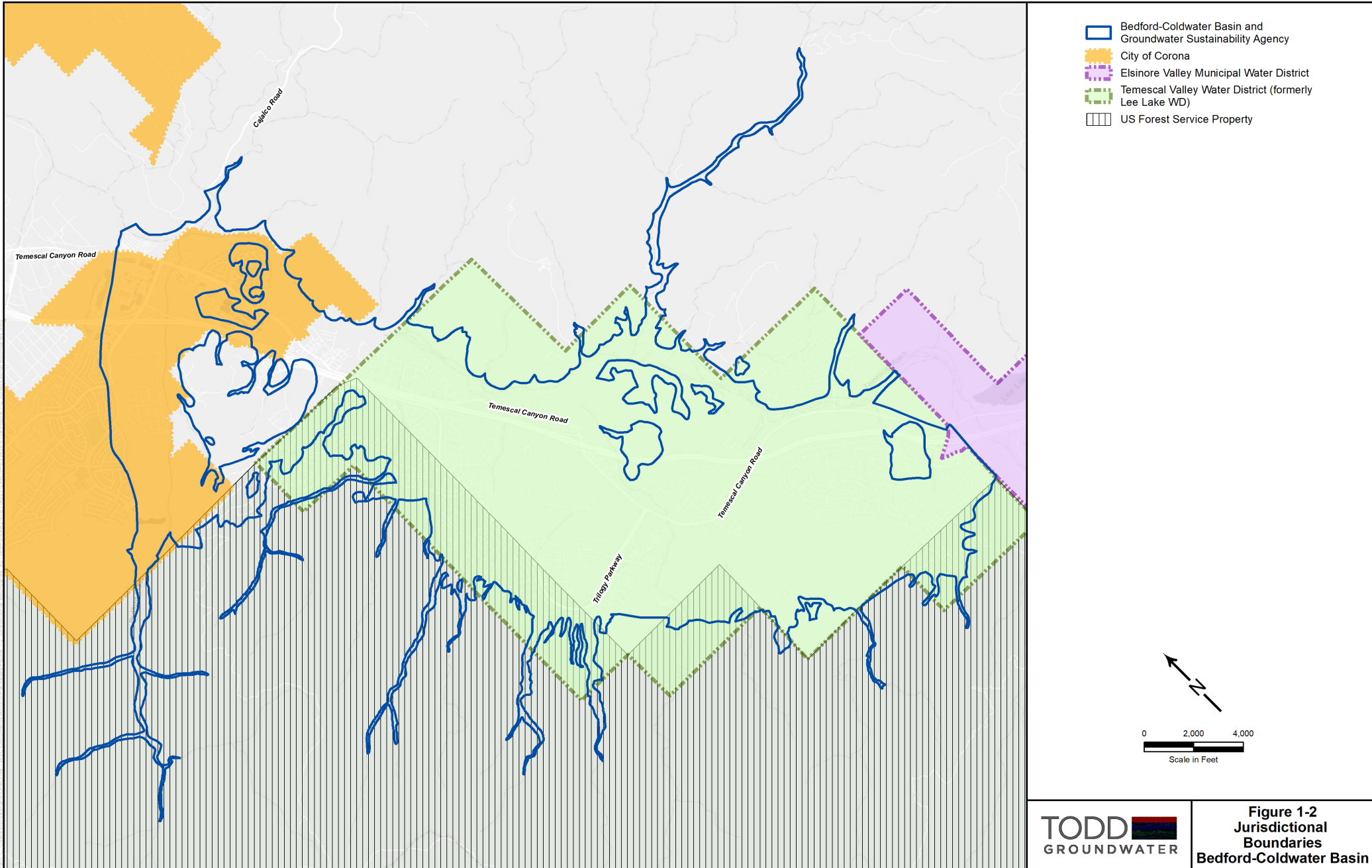


# Annual Report Water Year 2022

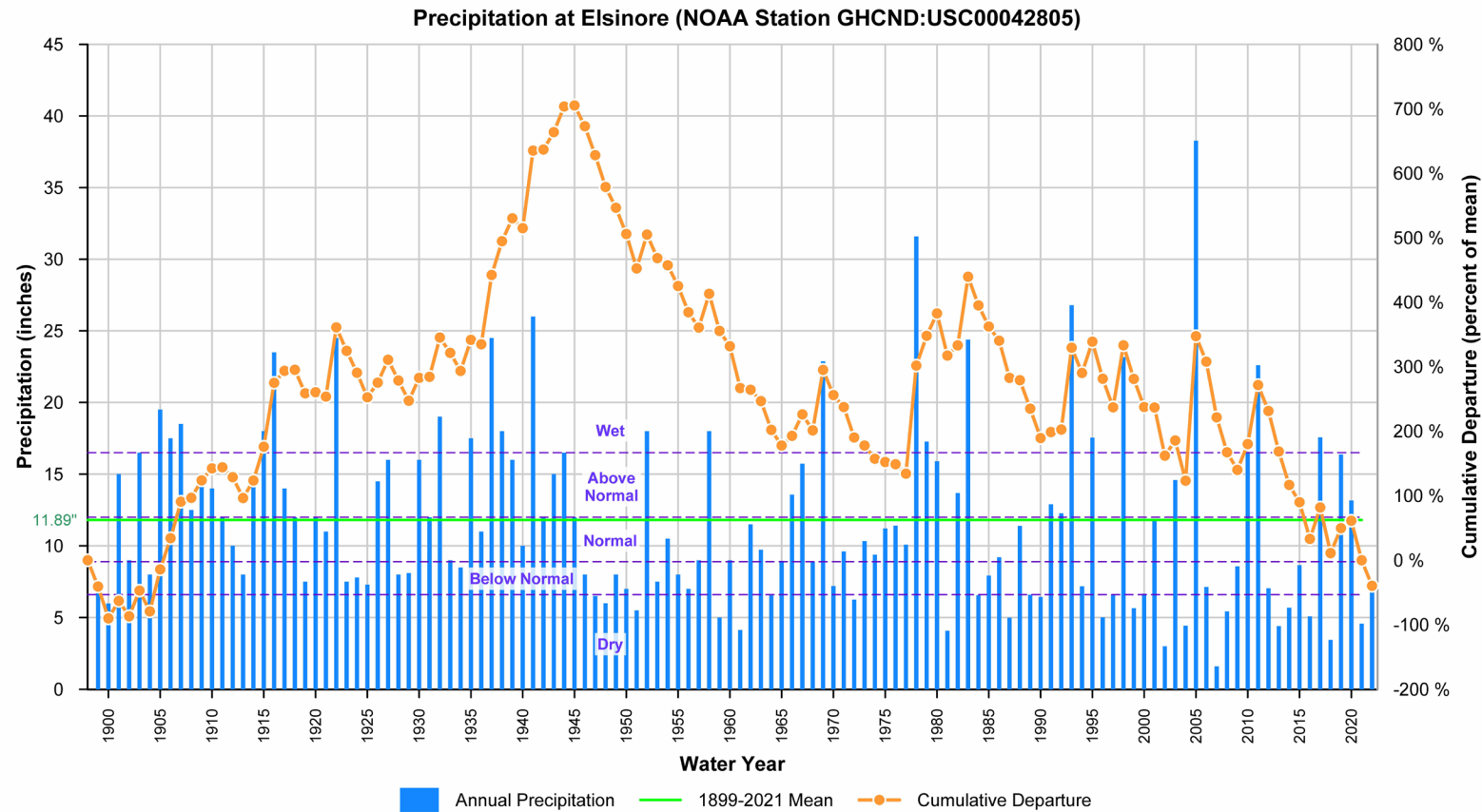


- Annual Report was submitted to DWR in March 2023 fulfilling the SGMA requirements
- Annual Report documents water conditions including:
  - groundwater elevations and storage
  - water supplies and use
  - an updated water balance, and
  - groundwater sustainability progress for water year 2022.











Path: T:\Projects\Corona Water Management As Needed.d6413\Water Year 2022 GSP Annual Report\GRAPHS\Figure 2-1 Cumulative Departure of Precipitation.gpj



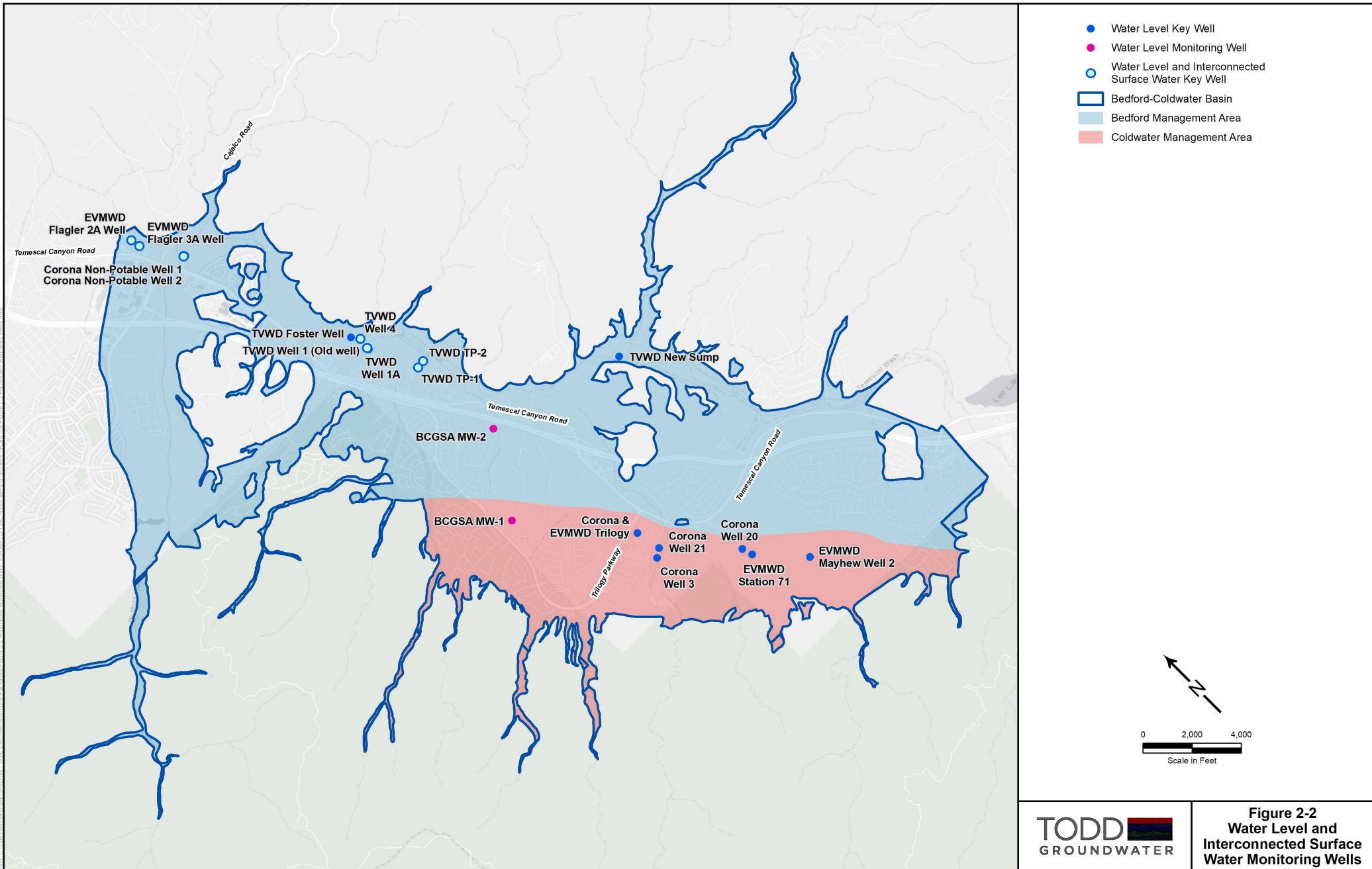
**Figure 2-1**  
**Cumulative Departure**  
**of Annual Precipitation**  
**at Lake Elsinore**



# Sustainability Indicators

SUSTAINABILITY INDICATOR	 <b>CHRONIC LOWERING OF GROUNDWATER LEVELS</b>	 <b>REDUCTION OF GROUNDWATER STORAGE</b>	 <b>WATER QUALITY DEGRADATION</b>	 <b>LAND SUBSIDENCE</b>	 <b>INTER-CONNECTED SURFACE WATER DEPLETIONS</b>	 <b>SEAWATER INTRUSION</b>
<b>Annual Sustainability Assessment</b>	Compile water level data and compare elevations in Key Wells with minimum threshold(s)	Estimate groundwater storage change and compare elevations in Key Wells with minimum threshold(s)	Compile and review water quality data from all sources	Download and review InSAR data from DWR	Review depth to water at interconnected surface water Key Wells/locations	Chloride Concentration Isocontour

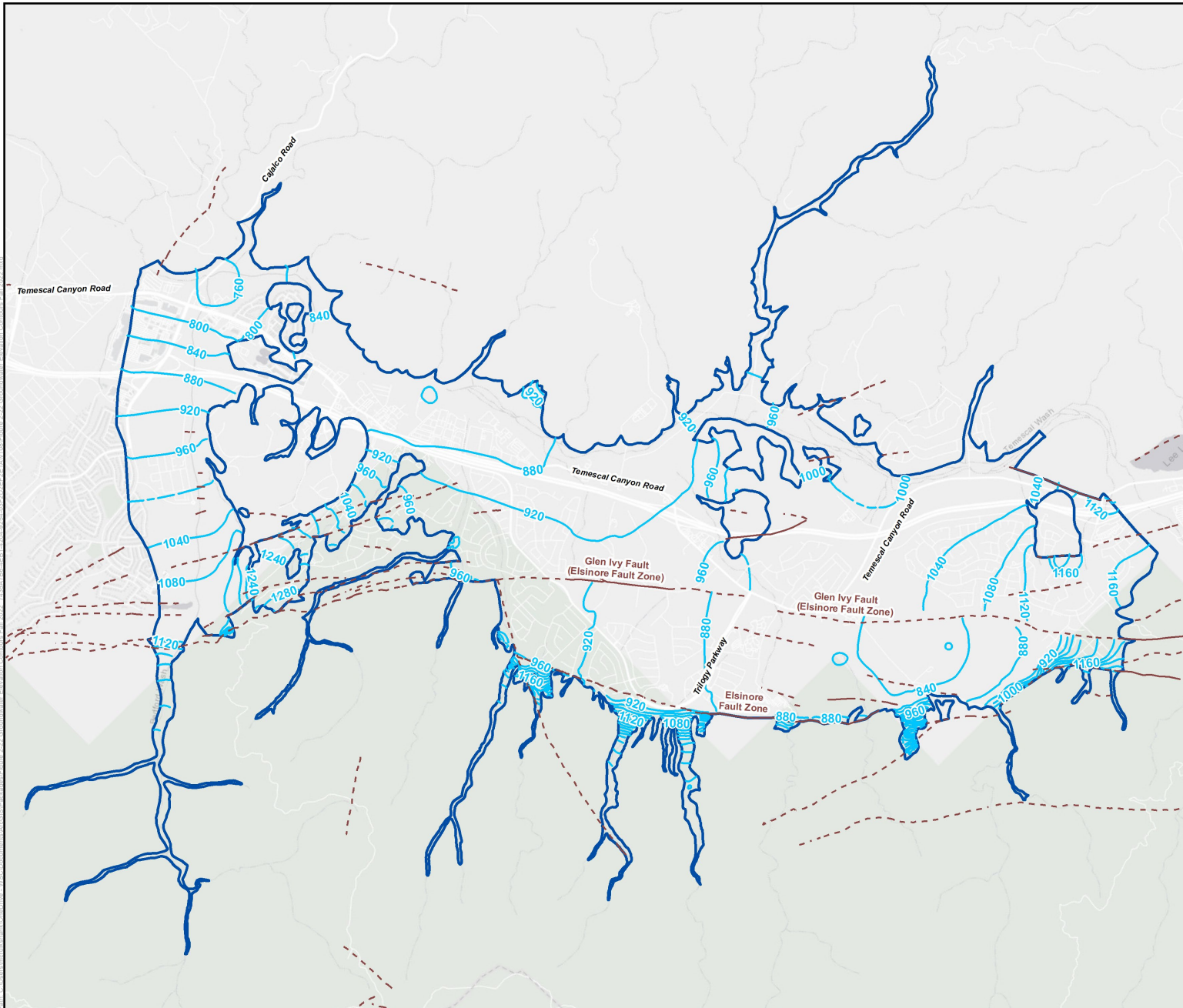




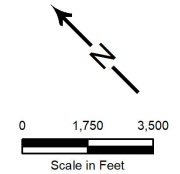




**BEDFORD COLDWATER**  
Groundwater Sustainability Authority



- 40-foot groundwater elevation contours, feet msl
- Fault Location, dashed where uncertain
- Bedford-Coldwater Basin

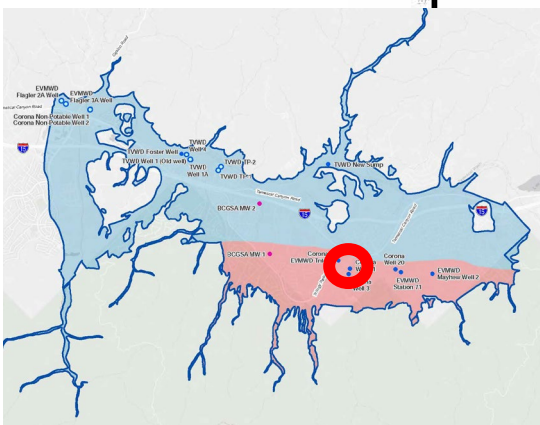
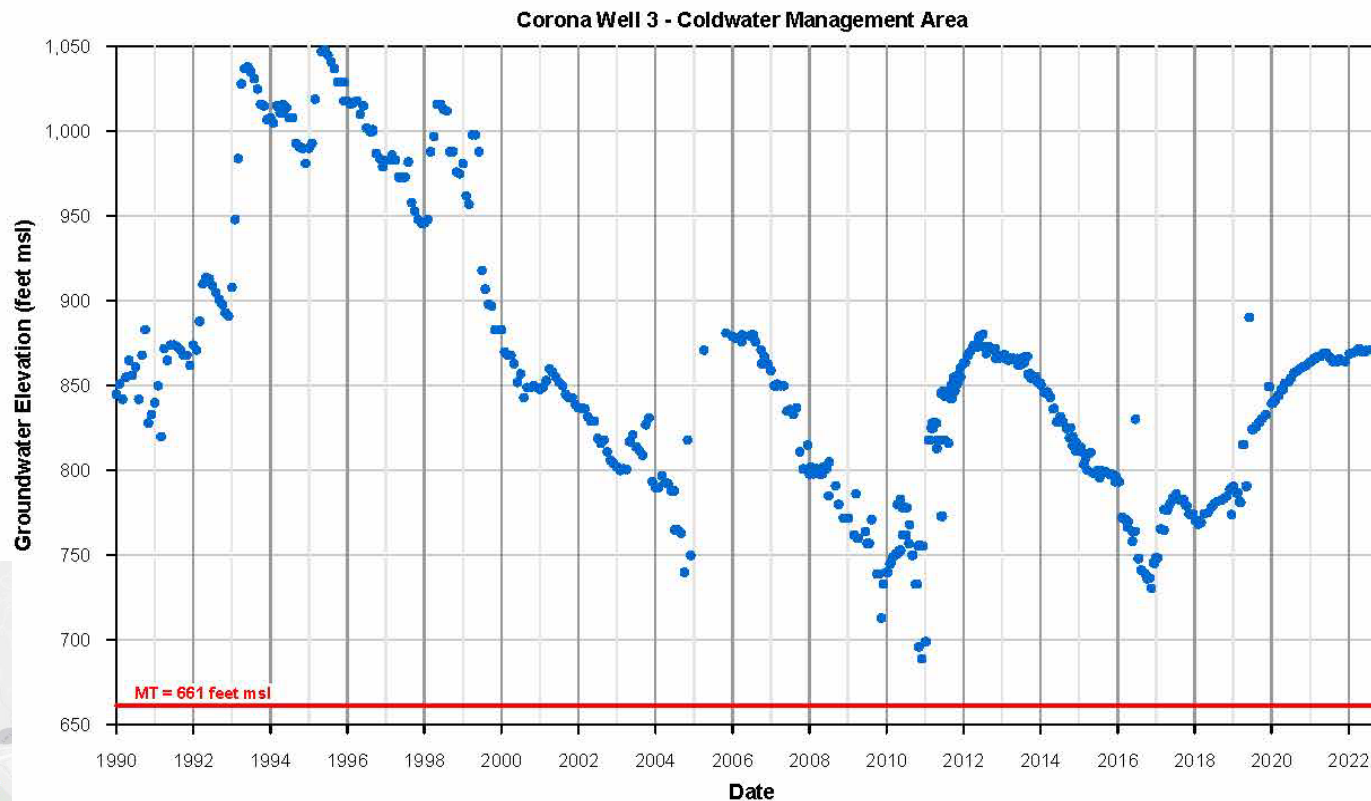


**TODD**  
GROUNDWATER

**Figure 2-22**  
**Groundwater**  
**Elevation Contours**  
**September 2022**



# Representative Groundwater Levels



- Groundwater Measurement (feet msl)
- Minimum Threshold for Water Level (feet msl)



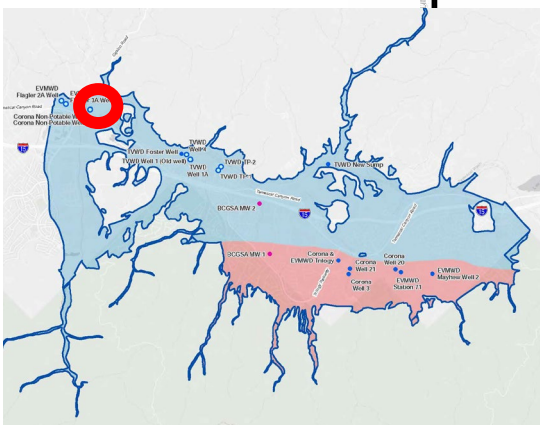
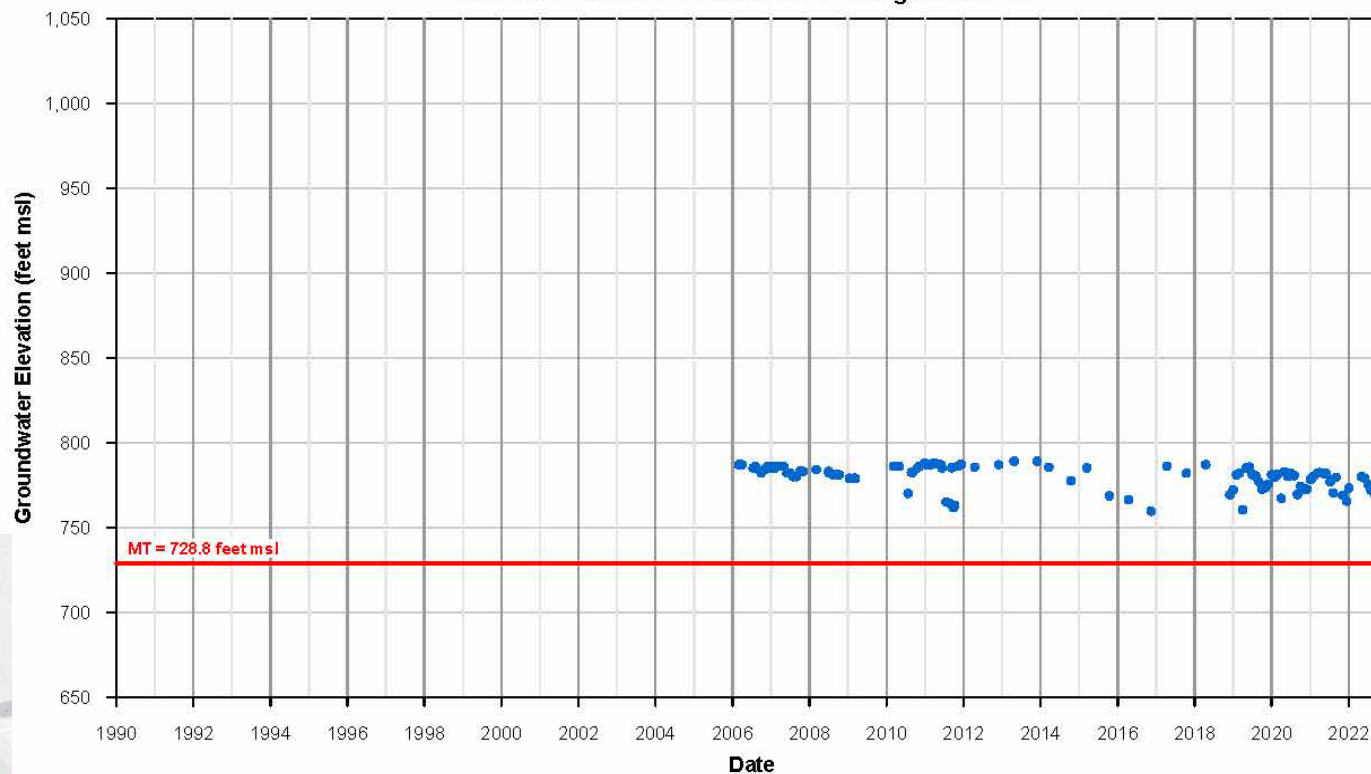
**Figure 2-5**  
**Corona Well 3**  
**Hydrograph**





# Representative Groundwater Levels

Corona Non-Potable Well 2 - Bedford Management Area



msl: 2510 Corona Non-Potable Well 2 (Hydrograph).gpx

msl: 2510 Corona Non-Potable Well 2 (Hydrograph).gpx

- Minimum Threshold for Water Level (feet msl)
- Groundwater Measurement (feet msl)



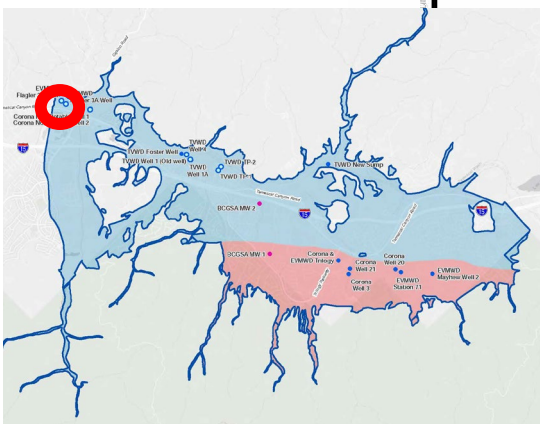
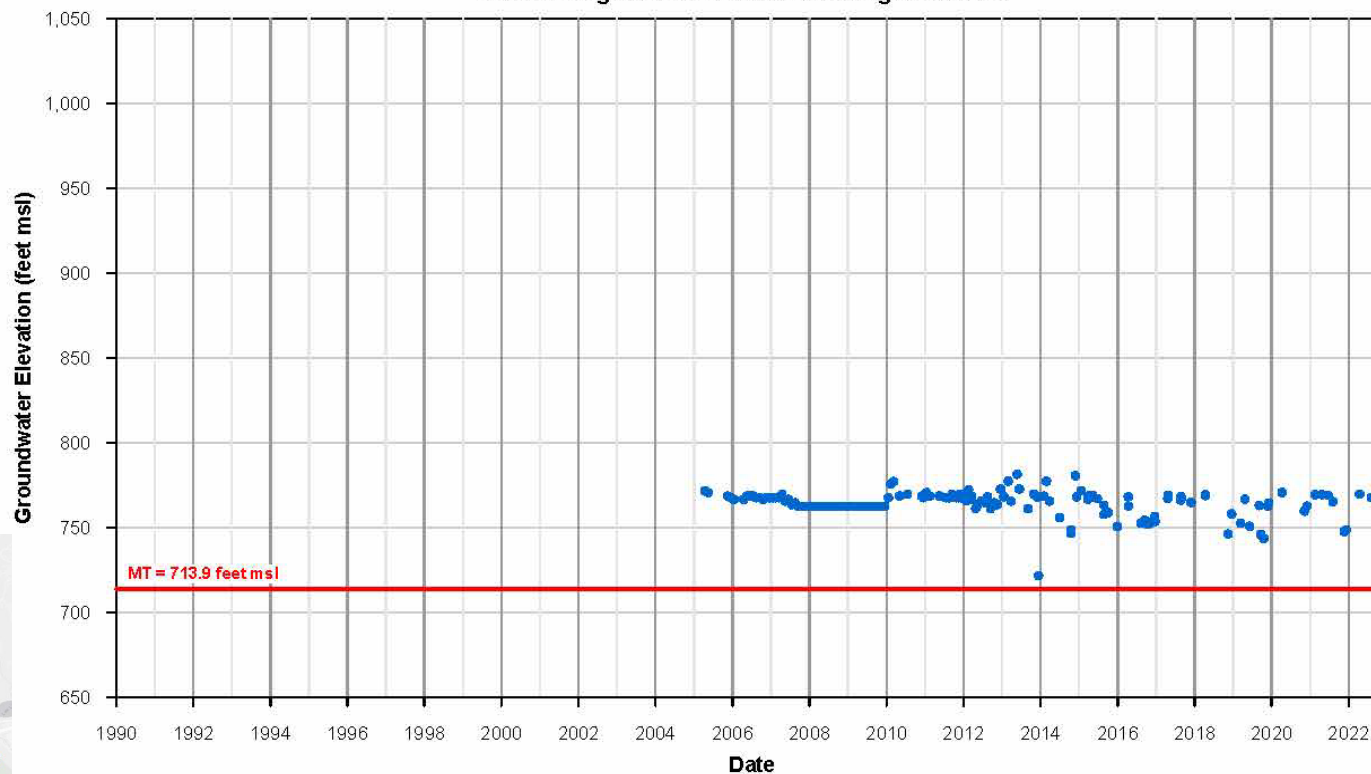
Figure 2-10  
Corona Non-Potable  
Well 2  
Hydrograph





# Representative Groundwater Levels

EVMWD Flagler 2A Well - Bedford Management Area



file:///C:/Users/.../EVMWD%20Flagler%20Well%20Hydrograph.jpg

file:///C:/Users/...

- Minimum Threshold for Water Level (feet msl)
- Groundwater Measurement (feet msl)



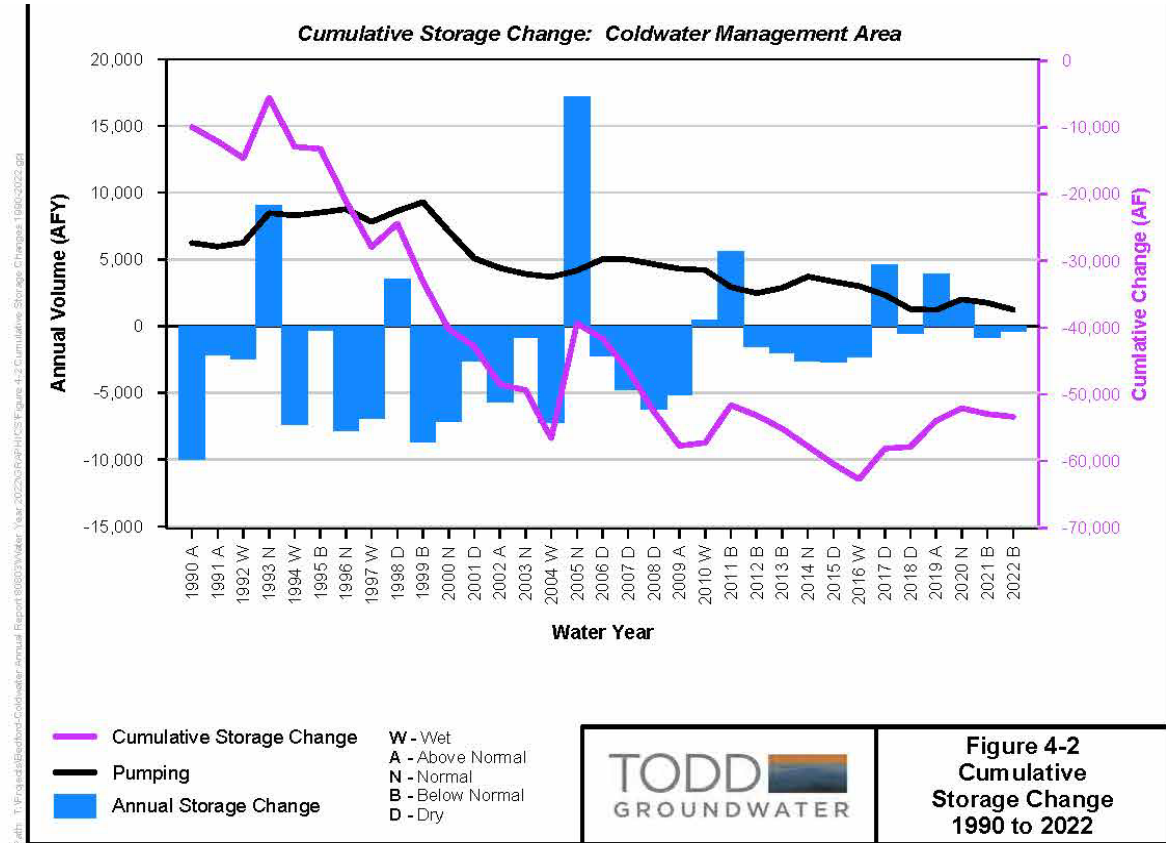
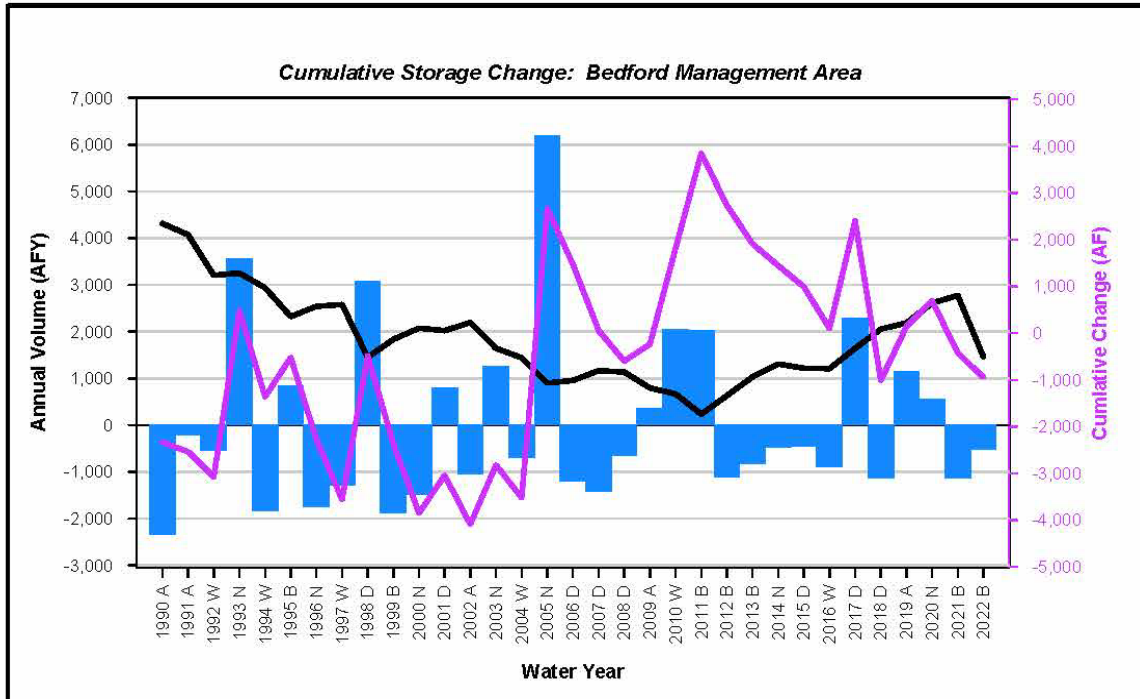
Figure 2-11  
EVMWD Flagler 2A Well  
Hydrograph

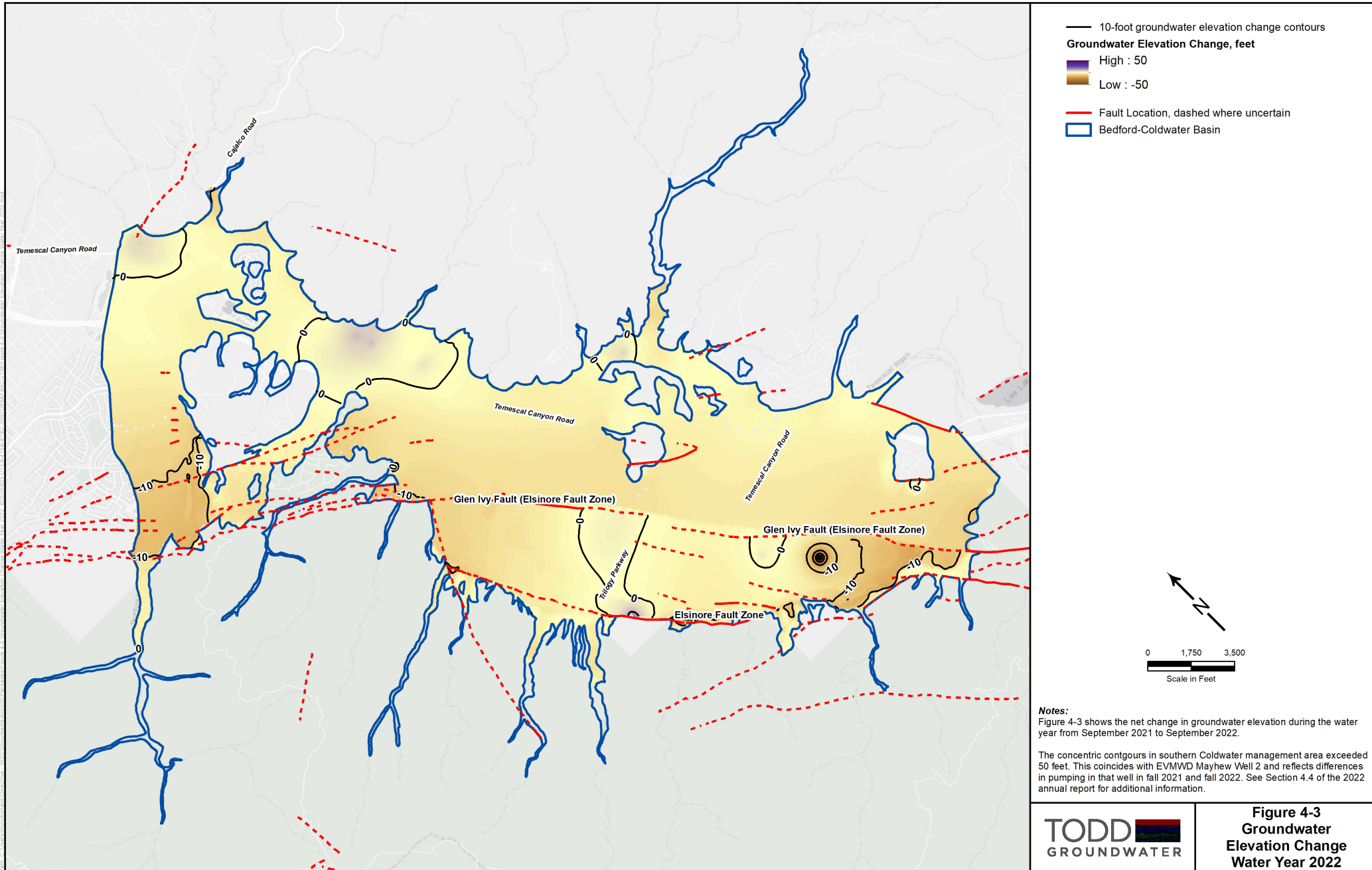


# Storage Change



**BEDFORD COLDWATER**  
Groundwater Sustainability Authority







# Projects and Management Actions

- **Project 1** – Investigate Groundwater/Surface Water Interaction at Temescal Wash and Install Monitoring Wells.
  - Initiated Phase 1 with Rincon at the February Board Meeting
- **Project 2** – Initiate a Survey of Active Private Wells.
  - Private Well Survey In Progress
- **Project 3** – Evaluation of the Effects of Aggregate Pits on Groundwater Flow and Quality
  - Technical Memorandum describing general mining water use to fill data gap in GSP in progress

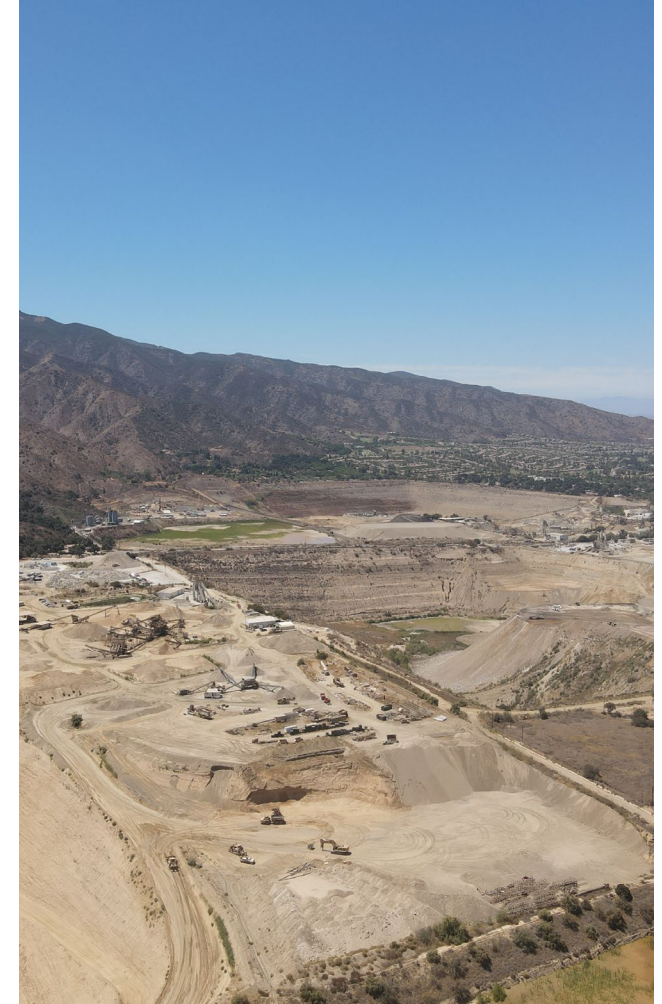






# Projects and Management Actions

- **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







**BEDFORD COLDWATER**  
Groundwater Sustainability Authority





## Bedford-Coldwater GSA Investigation of Groundwater/Surface Water Interactions at Temescal Wash

5/18/2023



# Project Background

## Project Goals

- Evaluate the interaction of surface water and groundwater
- Improve the GSP's sustainable management criteria and protect GDEs

## Key Deliverables

- Identifying locations for up to five shallow groundwater monitoring wells
- Develop a monitoring plan



# Project Elements

- Desktop Review
- Initial Site Reconnaissance
- Vegetation Survey
- Detailed Desktop Review
- Proposed Piezometer Location
- Permitting Constraints Analysis
- LiDAR Flight
- Monitoring Well Specification and Bid Package
- Develop Monitoring Program





# Data Collected

- Vegetation Survey
- Drone Imagery
- Historical Imagery
- NDVI/NDMI



# Detailed Vegetation Survey

Performed April 24-26



# Detailed Vegetation Survey

- Refine the extent of potential GDEs
- Confirm polygons used to collect NDVI/NDMI data
- Inform locations for future monitoring





# Drone Imagery

- Flight performed April 18
- Collected imagery from three areas of interest
- Processed data to show orthoimagery and terrain





# Drone Imagery



# Historical Imagery



1953



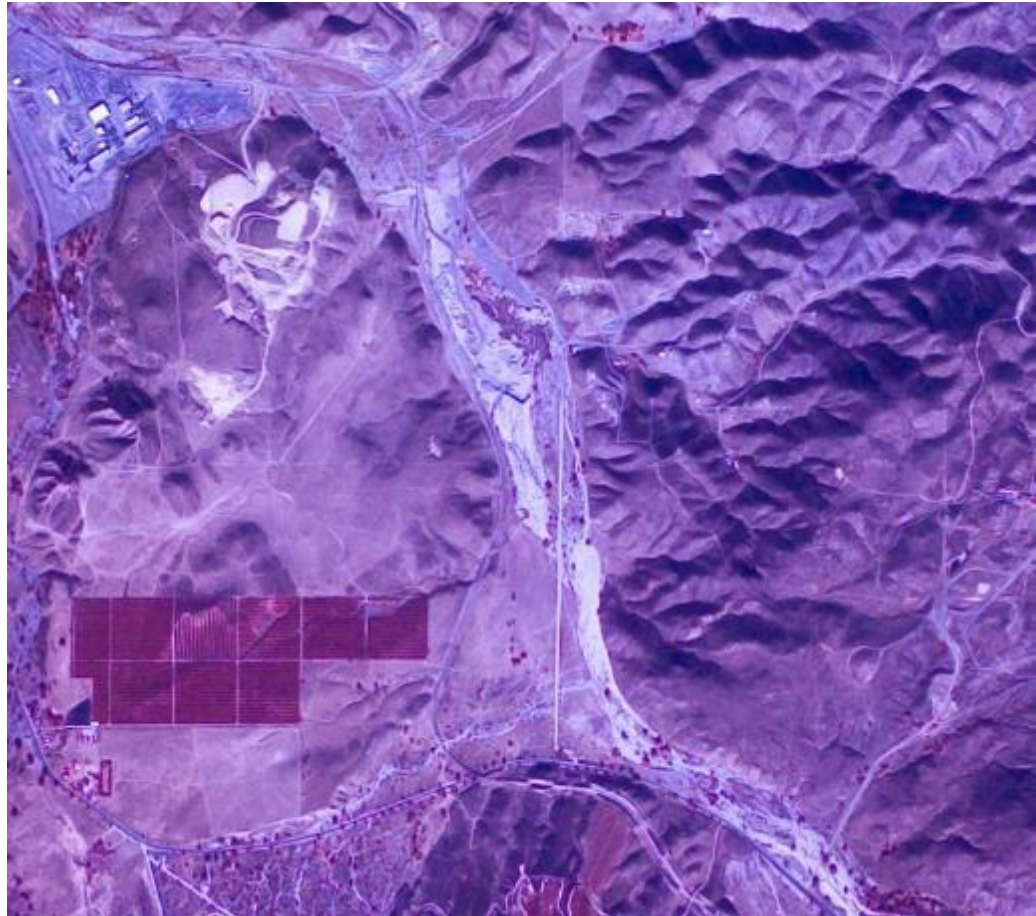
1963



# Historical Imagery



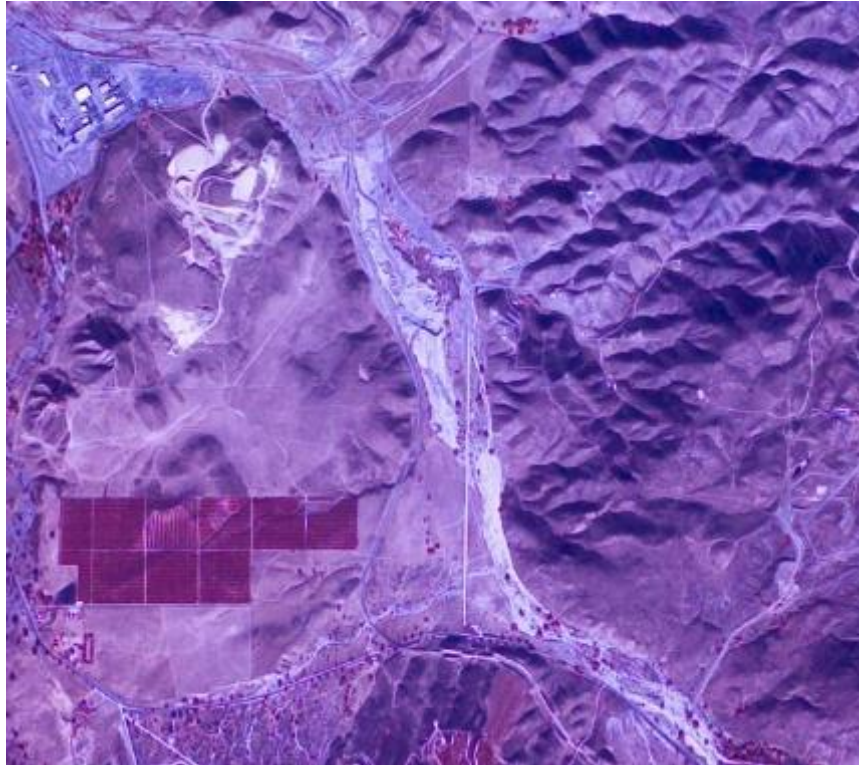
1963



1975



# Historical Imagery



1975



1980



# Historical Imagery



1980



2003



# Historical Imagery

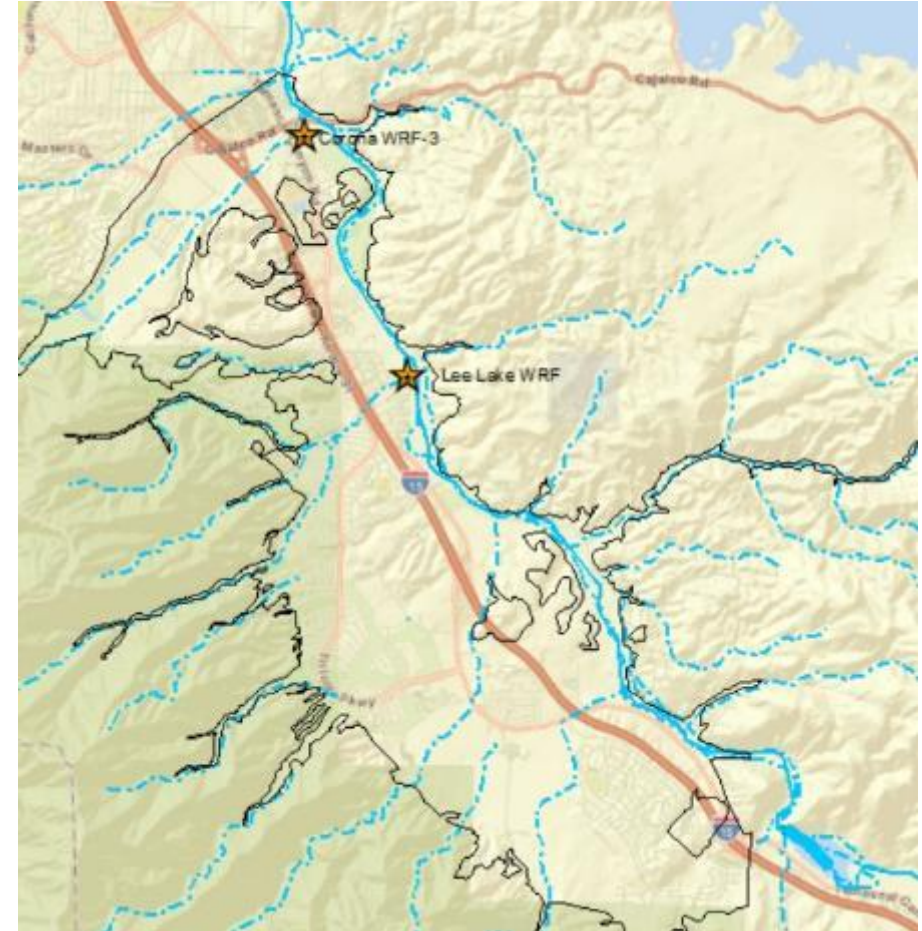
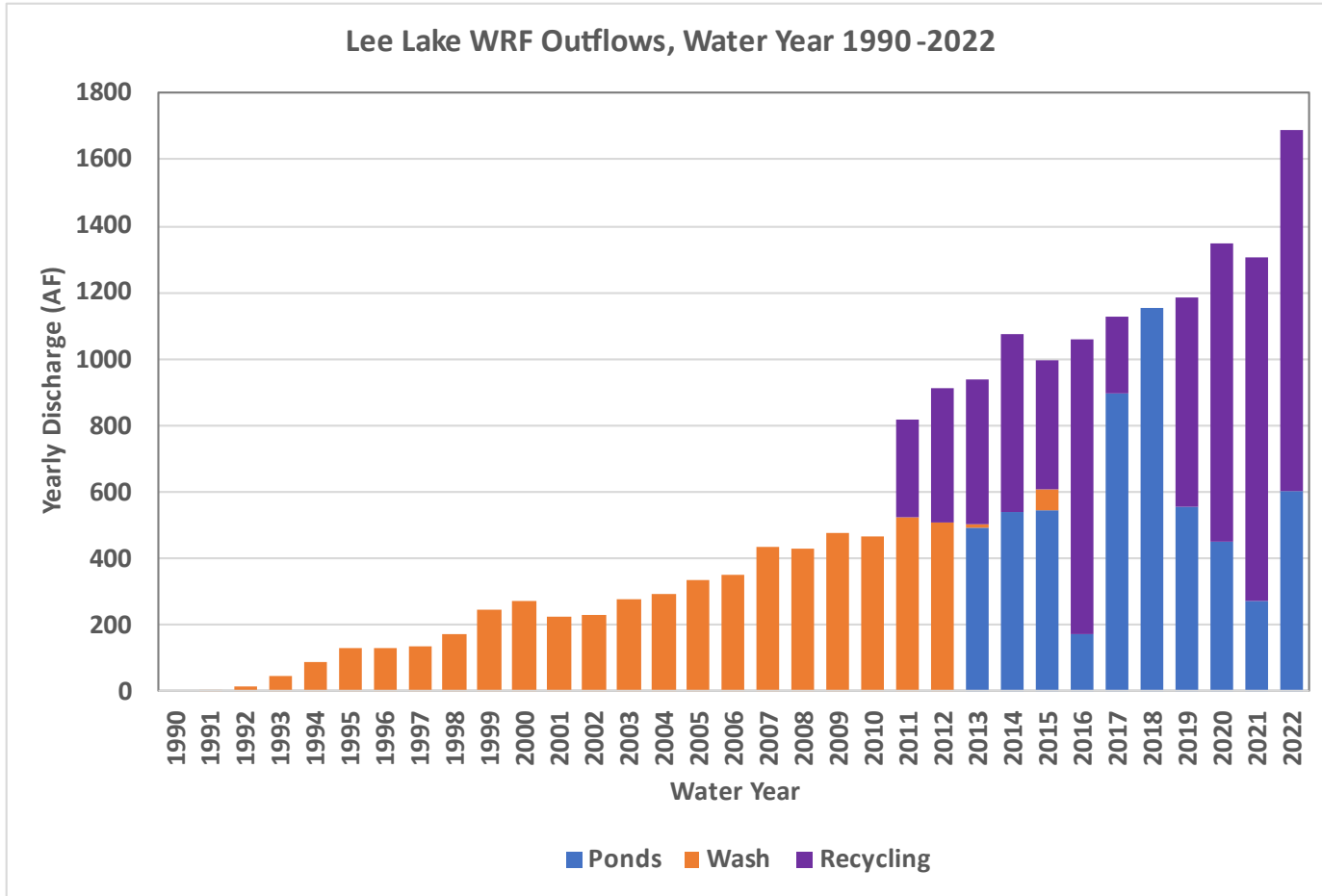


2003



2022

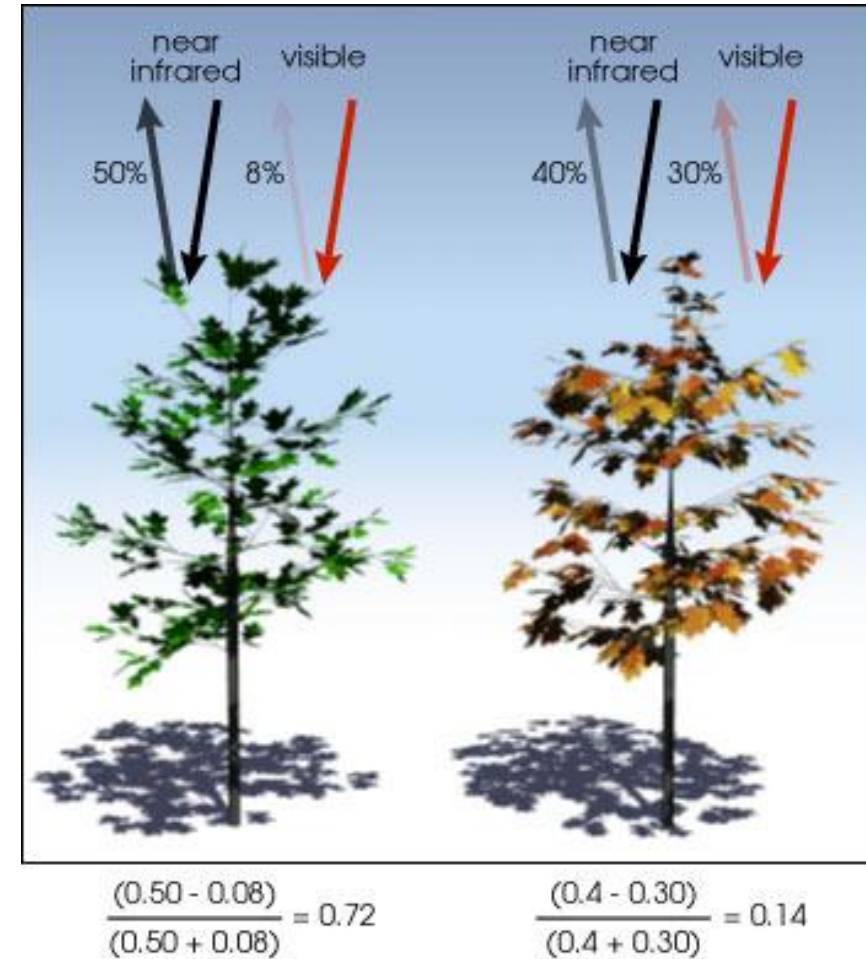
# Lee Lake WRF Outflows





# NDVI/NDMI

- Normalized Difference Vegetation Index/Normalized Difference Moisture Index
- NDVI – greenness, NDMI – water stress
- Can be used as an indicator of vegetation health





# NDVI/NDMI



September 2003



September 2004

# NDVI/NDMI



September 2003



September 2004



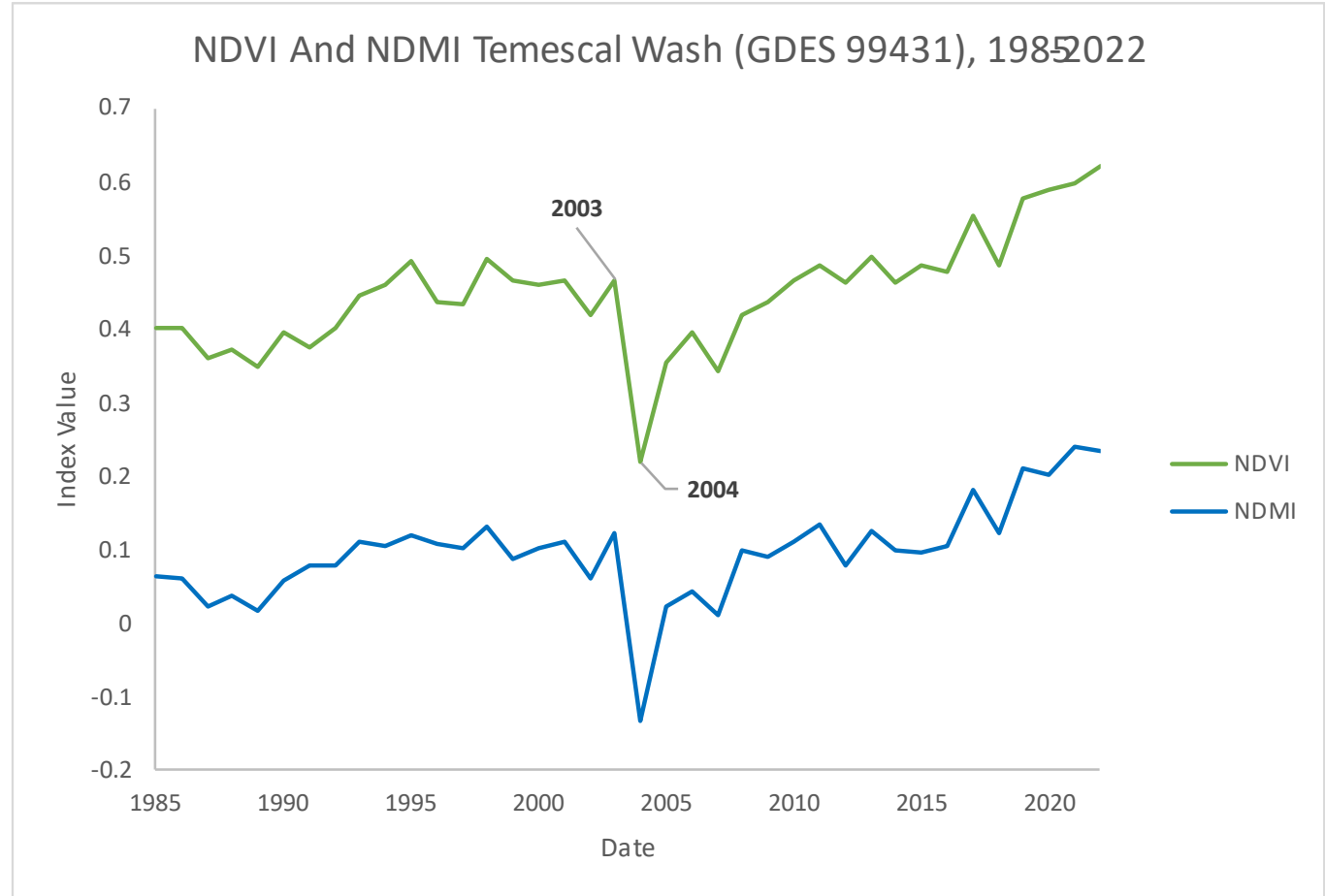
# NDVI/NDMI



September 2003



September 2004



# Project Schedule

Item	Details
<b>Deliverables</b>	
Task 2 - Health and Safety Plan	<b>3/15</b>
Task 2 – Area of interest KMZ	<b>3/17</b>
Task 2 - Site Recon	<b>4/4</b> preparation, <b>4/11</b> site visit
Task 2 - Aerial imagery	<b>4/11-4/13</b> (collection), <b>4/25</b> (processing completion)
Task 3 – Letter Report. public database results, historic photograph analysis, and bedrock depth and groundwater flow	<b>4/28</b>
Task 4 - Vegetation Survey Workplan	<b>4/21</b>
Task 4 – Detailed vegetation community map	<b>4/26 - 4/28</b> (1 week field), <b>6/2</b> (report/maps)
Task 5 - Groundwater monitoring well/piezometer locations	<b>5/5</b> (initial for CEQA/Permitting iterations)
Task 6 - Environmental permitting and regulatory constraints analysis	<b>6/2</b> (4 weeks following biology info and well locations identified)
Task 8 - LiDAR data acquisition	<b>JUNE</b> collection – time TBD
Task 11 - Groundwater monitoring well/piezometer design and bid package	6/9
Task 7 - Monitoring Plan draft presentation	7/15
Task 7 - Monitoring Plan Final	7/31

# Next Steps

- Determine Potential Monitoring Well Locations
- Provide Monitoring Well Specifications
- Perform Permitting Constraints Analysis
- LiDAR Flight – Anticipated June 2023
- Develop Monitoring Plan
- Present Draft Monitoring Plan to the Board

