Byron-Bethany Irrigation District
REGULAR MEETING OF THE BOARD OF DIRECTORS

BOARD MEETING

Tuesday, October 20, 2026
10:00 A.M.

DISTRICT HEADQUARTERS
7995 Bruns Road / Byron, California 94514-1625
Telephone: 209-835-0375 / Facsimile: 209-835-2869

TIM MAGGIORE
Director
Division III

PETE PETROVICH
Director
Division I

MARK MAGGIORE
Director
Division II

AMANJIT SINGH SANDHU
Director
Division IV

CHARLES TUSO
President
Division V

TOM PEREIRA
Director
Division VI

JACK ALVAREZ
Vice-President
Division VII

EDWIN PATTISON
General Manager

AGENDA

Regular Meeting of the Board of Directors
In Person Meeting
7995 Bruns Road, Byron, CA 94514

Tuesday, October 20, 2026
10:00 AM

The Board may act on any of the items listed on this agenda regardless of whether an item is described as an action item, a report, or an informational or discussion item. As provided under Government Code section 54954.3, subdivision (a), during a Regular Meeting members of the public may address the Board concerning any item on the agenda or on any matter within the jurisdiction of the Byron-Bethany Irrigation District by filling out a speaker request form, available at the Auditorium or conference room entrance, and submitting the speaker form to the District Secretary/General Manager. Comments will be taken during the "Public Comment" section of the agenda.

This facility complies with the Americans with Disabilities Act. If any special accommodations are needed for you to participate, please contact the District Secretary/General Manager not less than 24 hours prior to the start of the Board meeting.

Agendas, agenda-packet materials, and other supporting documents are available for inspection at the District headquarters. A fee will be charged for copies.

Food will be available for staff and Board members during the half-hour before the Board meeting. If Board members are present, they will not discuss District business.

I. CALL MEETING TO ORDER

II. PLEDGE OF ALLEGIANCE

III. ROLL CALL

IV. ADOPTION OF THE AGENDA AND CONSIDERATION OF ADDITIONS OR CORRECTIONS TO THE AGENDA ITEMS, AS AUTHORIZED BY GOVERNMENT CODE SECTION 54950 et seq.

V. PUBLIC COMMENT (Please observe a two-minute time limit)

This section of the agenda is provided so that the public may express comments on any item on the agenda or on matters within the District's jurisdiction not listed on the agenda. Unless extended by the Board President, public comment is limited to no more than two (2) minutes

per person and twenty (20) minutes total for all speakers. Board members may refer a matter to staff, or direct staff to place a matter of business on a future agenda.

VI. CONSENT CALENDAR

The following items are routine and non-controversial and can be acted on in one consolidated motion, as recommended, or at the request of any Director, all or some of the items may be removed from the Consent Calendar and separately considered.

1. Approve Regular Meeting Minute Summary of September 15, 2026.

2. Accept Treasurer's Reports and Reconciliations for the Month of September 2026.

3. Approve Check Register for the Months of September 2026.

VII. DISCUSSION/ACTION CALENDAR

4. Presentation of the Annual Review of Investments, King Capital Advisors.

5. Presentation of the 2025 Agricultural Water Management Plan

VIII. *CLOSED SESSION*

6. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (one case under Govt. Code, § 54956.9, subsection (d)(1)): *State Water Resources Curtailment Cases*, case No. 22CV402030 (CJJP No. 5229)

VIII. COMMUNICATION / REPORTS / COMMENTS

Directors
Consultants
General Counsel
General Manager
Operations & Maintenance Report

IX. ADJOURNMENT

CHARLES TUSO
President
Division V

JACK ALVAREZ
Vice President
Division VII

MARK MAGGIORE
Director
Division II

AMANJIT SINGH SANDHU
Director
Division IV

AGENDA ITEM NO: 1

TIM MAGGIORE
Director
Division III

TOM PEREIRA
Director
Division VI

PETE PETROVICH
Director
Division I

EDWIN PATTISON
General Manager

MINUTE SUMMARY

Regular Meeting of the Board of Directors
In Person Meeting
Tuesday, September 15, 2026
10:00 AM

PLEDGE OF ALLEGIANCE
CALL TO ORDER – ROLL CALL 10:03 a.m.

Adoption of the agenda and to consider additions or corrections to the agenda of items, as authorized by government code section 54950 et seq.

(M/S/C Petrovich/Alvarez) Alvarez, M.Maggiore, Pereira, Petrovich, Sandhu and Tuso; Absent: T.Maggiore)

PUBLIC COMMENT (Please observe a three-minute time limit)

This section of the agenda is provided so that the public may express comments on any item within the District's jurisdiction not listed on the agenda. Board members may refer a matter to staff, or follow Board procedures to direct staff to place a matter of business on a future agenda. The public may express comments on agenda items at the time of Board consideration.

Ms. Michelle Paul, newly appointed Executive Director of the California Farm Water Coalition, introduced herself to the Board of Directors. Ms. Paul provided an overview of the Coalition's current water management strategies and outlined the organization's focus areas, including public relations, community outreach, youth education programs, and social media engagement. Ms. Paul further advised that the Coalition is developing strategic initiatives for the coming years.

CONSENT CALENDAR

1. Approve Regular Meeting Minute Summary of July 21, 2026 and September 1, 2026 Special Board of Directors Meeting.

2. Accept Treasurer's Reports and Reconciliations for the Months of July and August 2026.

3. Approve Check Register for the Months of July and August 2026.

General Manager Ed Pattison presented the financial update to the Board of Directors. GM Pattison reported that revenues stand at approximately 75% of budget and expenses at approximately 48% of budget, with the fiscal year approximately 60% complete. GM Pattison noted that interest income has been significant, and reviewed the District's investment strategies, including the use of CD ladder portfolios.

Approval of the Consent Calendar
(M/S/C Petrovich/Alvarez) Alvarez, M.Maggiore, Pereira, Petrovich, Sandhu and Tuso; Absent: T.Maggiore)

Director Petrovich recommended that the Reports section be moved above Closed Session.

DISCUSSION/ACTION CALENDAR

None.

REPORTS / DIRECTOR COMMENTS

Mr. John Paoluccio, President of Inventive Resources, Inc., introduced himself to the Board of Directors and presented a summary of the Golden Mussel UVC Pilot Program and its implementation process. Mr. Paoluccio explained that the UV treatment is being piloted to manage mussel infestation and prevent mussel breeding in wet wells, with the treatment designed to kill juvenile mussels within seconds. Mr. Paoluccio also presented slides depicting scraping and suction methods for mechanical mussel removal.

Mr. Eric Neill, Hazen & Sawyer, provided the Board of Directors with an update on several ongoing projects, reporting significant progress on the Wicklund Pump Station project. Mr. Neill reported that the design is anticipated to be 50% complete by January 2027 and presented a preliminary 3D design rendering of the new pump station to the Board.

Mr. Nick Janes, J'Comm, shared with the Board of Directors a video of Congressman Harder's visit to the Wicklund Pump Station, highlighting the importance of the Project to regional water supply reliability, along with significant water and energy savings. Mr. Janes explained that the event provided significant media exposure and that BBID is pursuing USDA funding, among other sources, for the project. Additionally, Mr. Janes shared a video he produced to articulate the benefits of water transfers.

CLOSED SESSION

The Board entered Closed Session at 11:37 A.M. to discuss:

4. CONFERENCE WITH LEGAL COUNSEL-ANTICIPATED LITIGATION UNDER GOVT. CODE § 54956.9: (Two potential cases).

5. CONFERENCE WITH REAL PROPERTY NEGOTIATORS UNDER GOVT. CODE § 54956.8.

   - Property: Conserved and CVP water supply.
   - BBID Negotiators: Ed Pattison and Frances Mizuno.
   - Potential Buyer: Gladstone California Water LP.
   - Under Negotiation: Price and terms of payment.

The Board returned to Open Session at 12:40 P.M.
No reportable action.

ADJOURNMENT 12:46 p.m.

Submitted on September 16, 2026

Approved on October 20, 2026

Ms. Ilona Ruiz, Board Secretary

Mr. Charles Tuso, President

ATTENDANCE

Directors Present:

Charles Tuso	Division V
Jack Alvarez	Division VII
Pete Petrovich	Division I
Tom Pereira	Division VI
Amanjit Sandhu	Division IV
Mark Maggiore	Division II

ABSENT:

Tim Maggiore	Division III

Staff/Consultants/Present:

Ed Pattison, General Manager
Nader Shareghi, Assistant General Manager
Ilona Ruiz, Board Secretary
Brad Mizuno, Water Resources Specialist
Michael Vergara, Downey Brand
Alyson Ackerman, Downey Brand
Julia Gavrilenko, Accountant
David Vaz, Operations & Maintenance Supervisor
Eric Neill, Hazen & Sawyer
Nick Janes, J'Comm
Michelle Paul, California Farm Water Coalition
Sean Filippini, Downey Brand
Anthony Salaber, Downey Brand
John Paoluccio, Inventive Resources, Inc. (IRI)

BYRON BETHANY IRRIGATION DISTRICT
Treasurer's Monthly Report of Investments as of September 2026
Unaudited For Management Purposes Only

Investment	Transfer Account (1010C)	Transfer Account (1010D)	Payroll Account (1011A)	Investment Acct (1026)	Investment Acct (1003)	Investment Acct (1002)	Petty Cash (1080)	
Institution	OVCB Muni	OVCB Liquidity Plus	OVCB Payroll	King Capital Advisors****	LAIF	CAMP	On-Hand	Total
Interest Rate	*0.00%*	*3.10%*	*0.00%*	*4.22%*	*3.84%*	*3.87%*		
Maturity				*05/26/26*				
Portfolio	*1.23%*	*2.00%*	*0.00%*	*69.82%*	*3.46%*	*23.50%*		*100.00%*
Beginning Balance	$600,001	$2,912,473	$0	$31,980,905	$1,688,730	$12,444,993	$87	$49,627,188
Activity	($5,387,041)	($3,346,053)	($189,563)	($514,661)	$0	($1,000,000)	($19)	($10,437,337)
Deposits	$5,387,041	$1,409,000	$189,563	$2,647,750	$0	$39,341	$113	$9,672,808
CLOSING BALANCE	**$600,001**	**$975,420**	**$0**	**$34,113,995**	**$1,688,730**	**$11,484,334**	**$181**	**$48,862,660**

RESERVES		Account Code	Total
The above investments include the following Reserves:			
	Insurance/SIR Reserve	GL 3103	$360,000
	Rolling Stock Replacement Reserve	GL 3105	$200,000
	Construction Equipment Replacement Reserve	GL 3106	$300,000
	Groundwater Management Program	GL 3107	$200,000
	OME & GA Reserve	GL 3110	$4,000,000
	Mountain House Infrastructure Replacement	GL 3123	$2,000,000
	CVP Service Area Capital Improvement	GL 3122	$50,000
	PERS Contribution Contingency	GL 3117	$500,000
	Capital Improvement Plan - Ten year CIP Plan	GL 3102	$10,000,000
	Legal Reserve	GL 3100	$2,000,000
	2017 Series Debt Payment Reserve	GL 3124	$1,600,000
	2018 Revenue Bonds Debt Payment Reserve	GL 3125	$3,000,000
	2021 Revenue Bonds Debt Payment Reserve	GL 3126	$3,000,000
TOTAL RESERVES			$27,210,000
TOTAL CASH			$48,862,660
(Less) Designated Reserves			($27,210,000)
UNDESIGNATED RESERVES			**$21,652,660**

* *No investments were made pursuant to Subdivision (l) of Section 53601, 53601.1, and Subdivision (l) Section 53635 of the Government Code.*

** *All investments were made in accordance with the Treasurer's annual statement of investment policy and Board instruction.*

*** *The amounts and maturities of the investments will enable the District to fund its cash flow requirements during the next six months (Gov't Code Sec. 53646 (b) (3)).*

Byron-Bethany Irrigation District
Income Statement
Compared with Budget
For the Nine Months Ending September 30, 2026

	Current Month Actual	Year to Date Actual	Year to Date Budget	Variance	Variance %
Revenues					
CVP AG - BBID Overhead	$ 48,549.07	$ 314,722.93	$ 255,000.00	59,722.93	123%
CVP M&I - BBID Overhead	4,916.67	106,861.10	145,000.00	(38,138.90)	74%
Construction Water	14,127.00	97,639.54	50,000.00	47,639.54	195%
Out of District Water Sale	272,200.00	3,064,367.69	1,250,000.00	1,814,367.69	245%
Mountain House Water	163,530.39	915,637.37	1,200,000.00	(284,362.63)	76%
Tracy Hills Water Sales	0.00	650,235.60	650,235.60	0.00	100%
BOR AG	13,007.10	84,624.68	67,000.00	17,624.68	126%
BOR M/I	1,591.25	33,633.42	30,000.00	3,633.42	112%
CVPIA Restoration (M&I)	1,356.19	28,887.44	32,000.00	(3,112.56)	90%
CVPIA Restoration (Ag)	6,710.36	43,657.49	37,000.00	6,657.49	118%
SLDMWA O&M	15,200.77	129,318.92	95,000.00	34,318.92	136%
Byron Ag Service Area	55,328.65	473,897.45	550,000.00	(76,102.55)	86%
Byron M&I Service Area	9,649.00	15,862.00	3,500.00	12,362.00	453%
Bethany Ag Service Area	49,075.00	337,679.55	360,000.00	(22,320.45)	94%
Bethany M&I Service Area (MEP)	2,650.03	18,774.10	27,000.00	(8,225.90)	70%
West Side Ag Service Area WSSA	116,212.00	752,151.55	825,000.00	(72,848.45)	91%
Grounwater Pumping SBSurcharge	3,960.15	31,226.23	35,000.00	(3,773.77)	89%
Encroachment Permit Fee	1,500.00	9,000.00	4,500.00	4,500.00	200%
Gas Tax Refund	0.00	2,814.85	3,260.00	(445.15)	86%
WIIN Act Debt Recovery	38,707.34	305,199.02	350,000.00	(44,800.98)	87%
Administration Costs - Fees	0.00	200.00	300.00	(100.00)	67%
Easement Detachment Fees	0.00	46,220.00	0.00	46,220.00	
Interest on Bank Accounts	172,610.97	1,318,179.98	1,650,000.00	(331,820.02)	80%
Stand-by Revenue	0.00	84,983.04	84,863.04	120.00	100%
WSSA Stand-by Revenue	0.00	141,769.00	141,769.00	0.00	100%
CVPSA Ag O&M Charge	0.00	16,241.85	16,337.49	(95.64)	99%
CVPSA M & I O&M Charge	0.00	135,167.95	158,165.68	(22,997.73)	85%
CVPSA M/I with AG Alloc Charge	0.00	64,571.55	64,416.45	155.10	100%
Alameda Property Tax Revenue	11,095.96	136,282.37	230,000.00	(93,717.63)	59%
Contra Costa Property Tax Rev	0.00	229,379.24	520,000.00	(290,620.76)	44%
San Joaquin 46701 Zn2 Prop Tax	44,768.33	3,216,768.96	6,200,000.00	(2,983,231.04)	52%
San Joaquin 47101 Zn3 Prop Tax	0.00	2,104.46	2,000.00	104.46	105%
Reimburse SLDMWA Assess	6,478.92	49,760.40	25,000.00	24,760.40	199%
PG&E Power(CVPSA)Reimbursed	5,354.88	29,875.62	90,000.00	(60,124.38)	33%
O&M Labor Recovery	3,662.40	32,812.80	50,000.00	(17,187.20)	66%
O & M Materials Recovery	0.00	10,013.06	40,000.00	(29,986.94)	25%
Drainage Fees WSSA	0.00	57,305.25	55,555.25	1,750.00	103%
Engineering Recovery	3,080.00	130,248.76	10,000.00	120,248.76	1302%
Admin Labor Recovery	2,399.00	28,753.00	25,200.00	3,553.00	114%
COBRA Reimbursement	37.06	452.46	0.00	452.46	
Reimburse Director's Benefit	0.00	0.00	28,000.00	(28,000.00)	0%
Legal Cost Recovery	4,669.50	60,488.75	130,000.00	(69,511.25)	47%
Rental Unit	1,310.00	11,790.00	15,720.00	(3,930.00)	75%

Byron-Bethany Irrigation District
Income Statement
Compared with Budget
For the Nine Months Ending September 30, 2026

	Current Month Actual	Year to Date Actual	Year to Date Budget	Variance	Variance %
Agricultural Leases	0.00	12,675.00	12,675.00	0.00	100%
Total Revenues	1,073,737.99	13,232,234.43	15,519,497.51	(2,287,263.08)	85%
Expenses					
CIP	222,410.95	1,299,506.10	2,000,000.00	(700,493.90)	65%
BOR	0.00	(111,920.23)	540,000.00	(651,920.23)	-21%
CVPSA Restoration	0.00	29,149.24	205,000.00	(175,850.76)	14%
SLDMWA O&M	8,831.72	153,082.51	124,000.00	29,082.51	123%
O&M Auto & General Liability	0.00	0.00	52,000.00	(52,000.00)	0%
Transformer Maint, Sub-Station	1,531.47	17,954.75	17,000.00	954.75	106%
SLDMWA Membership Assessment	0.00	50,739.00	40,000.00	10,739.00	127%
ElectricalEngineering Services	0.00	1,253.17	10,000.00	(8,746.83)	13%
SWRCB User Fee (CVPSA)	0.00	0.00	45,000.00	(45,000.00)	0%
Supplemental Water Purchase	0.00	50,000.00	50,000.00	0.00	100%
Pump/Motor Maintenance	508.32	60,561.45	100,000.00	(39,438.55)	61%
SCADA/Telemetry-Auto Control	0.00	7,714.71	50,000.00	(42,285.29)	15%
Motor Control Maintenance	0.00	0.00	15,000.00	(15,000.00)	0%
PWRPA ASA Power	38,115.63	282,912.36	340,000.00	(57,087.64)	83%
PWRPA P3	1,086.30	8,062.99	10,000.00	(1,937.01)	81%
PG&E Power	10,200.65	99,690.07	150,000.00	(50,309.93)	66%
PG&E Power(CVPSA)	4,171.25	31,253.94	145,000.00	(113,746.06)	22%
PG&E Power WSSA	68.43	2,164.60	7,500.00	(5,335.40)	29%
Emergency Generators	2,706.14	21,092.45	25,000.00	(3,907.55)	84%
WAPA Power	7,855.34	147,921.70	180,000.00	(32,078.30)	82%
WAPA Restoration	0.00	18,867.90	25,000.00	(6,132.10)	75%
Bonds Continuing Compliance	4,950.00	7,200.00	20,000.00	(12,800.00)	36%
Assistant General Manager	21,216.00	201,144.00	289,598.00	(88,454.00)	69%
O&M Employee Relations	480.25	1,036.52	2,500.00	(1,463.48)	41%
WWTF Chief Operator	0.00	0.00	10,000.00	(10,000.00)	0%
O&M Labor Full Time	93,719.90	868,186.02	1,834,418.48	(966,232.46)	47%
O&M Part Time Labor	2,830.00	26,480.00	50,000.00	(23,520.00)	53%
O&M Other Compensation	14,059.91	121,824.85	247,512.00	(125,687.15)	49%
O&M Health Insurance	20,282.58	182,543.22	322,957.00	(140,413.78)	57%
O&M Dental Insurance	471.66	4,244.94	6,873.00	(2,628.06)	62%
O&M Vision Insurance	259.84	2,338.56	3,786.00	(1,447.44)	62%
O&M Retirement (PERS)	6,838.39	167,834.42	366,948.00	(199,113.58)	46%
O&M Worker's Comp	0.00	25,417.20	50,000.00	(24,582.80)	51%
O&M Medicare	1,687.30	15,262.89	26,819.00	(11,556.11)	57%
O&M Social Security	7,214.69	65,261.86	114,673.00	(49,411.14)	57%
O&M Life Insurance	519.83	4,754.67	6,044.00	(1,289.33)	79%
O&M Longevity	690.00	6,425.00	9,810.00	(3,385.00)	65%
O&M Licenses	410.00	3,895.00	5,330.00	(1,435.00)	73%
O&M Overtime	7,486.35	52,279.25	115,000.00	(62,720.75)	45%

Byron-Bethany Irrigation District
Income Statement
Compared with Budget
For the Nine Months Ending September 30, 2026

	Current Month Actual	Year to Date Actual	Year to Date Budget	Variance	Variance %
O&M - Employee Assist Program	34.72	312.48	506.00	(193.52)	62%
Canal Maintenance	2,156.63	25,467.55	30,000.00	(4,532.45)	85%
Station Maintenance	66.53	6,601.03	30,000.00	(23,398.97)	22%
Station Maintenance WSSA	0.00	353.32	35,000.00	(34,646.68)	1%
Laterals/Structures	0.00	1,770.30	15,000.00	(13,229.70)	12%
Material/Hardware/Fasteners	36.21	12,827.80	25,000.00	(12,172.20)	51%
Sub laterals/Pipelines	0.00	12,397.14	30,000.00	(17,602.86)	41%
Canal Gate Maintenance	117.40	3,706.51	49,000.00	(45,293.49)	8%
Surface Drains	0.00	0.00	2,000.00	(2,000.00)	0%
Canal Crossings	0.00	3,488.63	2,000.00	1,488.63	174%
Communications	1,706.08	20,898.97	31,500.00	(10,601.03)	66%
Small Tools & Equipment	803.47	9,117.50	20,000.00	(10,882.50)	46%
Building Maintenance	1,058.29	15,078.08	30,000.00	(14,921.92)	50%
Grounds Maintenance	1,495.00	14,507.92	46,000.00	(31,492.08)	32%
Fire System	1,088.46	4,254.12	13,000.00	(8,745.88)	33%
Security System	0.00	2,489.41	7,000.00	(4,510.59)	36%
HVAC Service Supplies	0.00	9,329.44	15,000.00	(5,670.56)	62%
Janitorial Services/Supply	1,985.00	14,621.92	25,000.00	(10,378.08)	58%
Pest Management	156.00	1,140.03	2,000.00	(859.97)	57%
Uniforms/Clothing Allowance	918.27	13,832.24	16,000.00	(2,167.76)	86%
Shop Supplies	2,530.88	5,493.15	17,000.00	(11,506.85)	32%
Welding Shop & Supplies	217.50	13,127.14	18,000.00	(4,872.86)	73%
Vehicle Maintenance	6,271.95	22,796.80	45,000.00	(22,203.20)	51%
Equipment Maint.	5,507.64	38,065.34	40,000.00	(1,934.66)	95%
Fuel/Lube/Oil/Tires	9,952.77	107,270.21	170,000.00	(62,729.79)	63%
MileageReimbursement	0.00	696.12	1,800.00	(1,103.88)	39%
Waste Oil Disposal	0.00	65.00	1,000.00	(935.00)	7%
Canal Fences	0.00	0.00	1,500.00	(1,500.00)	0%
Rodent Control	446.08	2,843.76	7,000.00	(4,156.24)	41%
Right of Way Weed Control	11,819.14	27,044.78	45,000.00	(17,955.22)	60%
Weed Burning	0.00	160.00	2,000.00	(1,840.00)	8%
Aquatic Weed Control	0.00	96,977.67	110,000.00	(13,022.33)	88%
Water Quality Testing	0.00	0.00	3,000.00	(3,000.00)	0%
Flow Meter Repairs	2,450.00	11,919.84	27,000.00	(15,080.16)	44%
Safety Supplies/Equipment	86.68	6,614.24	15,000.00	(8,385.76)	44%
Worker Safety Training	0.00	0.00	3,000.00	(3,000.00)	0%
Physical Exams	280.00	945.60	3,000.00	(2,054.40)	32%
Engineering	3,677.90	562,075.03	900,000.00	(337,924.97)	62%
GSA Implementation	0.00	8,297.20	62,000.00	(53,702.80)	13%
O&M Continuing Education	525.00	848.72	20,000.00	(19,151.28)	4%
Propane Facilities	0.00	658.49	1,500.00	(841.51)	44%
Refuse/Disposal	935.75	3,437.52	7,000.00	(3,562.48)	49%
Bottled Water Service	869.68	3,013.36	5,500.00	(2,486.64)	55%
General Manager	24,398.38	231,315.42	333,038.00	(101,722.58)	69%

Byron-Bethany Irrigation District
Income Statement
Compared with Budget
For the Nine Months Ending September 30, 2026

	Current Month Actual	Year to Date Actual	Year to Date Budget	Variance	Variance %
Admin Support Staff	17,520.23	147,067.21	214,507.00	(67,439.79)	69%
Admin Other Compensation	1,577.18	32,489.21	73,761.00	(41,271.79)	44%
Admin Health Insurance	6,983.30	61,139.00	110,322.00	(49,183.00)	55%
Admin Dental Insurance	168.45	1,482.36	2,426.00	(943.64)	61%
Admin Vision Insurance	92.80	816.64	1,336.00	(519.36)	61%
Admin Retirement (PERS)	6,203.54	118,403.04	230,082.00	(111,678.96)	51%
Admin Worker's Comp	0.00	2,395.57	4,500.00	(2,104.43)	53%
Senior Administative Analyst	0.00	0.00	108,925.00	(108,925.00)	0%
Admin Social Security	2,089.87	39,322.22	69,340.00	(30,017.78)	57%
Admin Medicare	1,157.42	10,728.08	16,217.00	(5,488.92)	66%
Admin Life Insurance	331.23	2,926.90	4,558.00	(1,631.10)	64%
Admin Longevity	130.00	1,235.00	1,780.00	(545.00)	69%
Admin License	100.00	920.00	1,300.00	(380.00)	71%
Vehicle Stipend	500.00	4,750.00	6,500.00	(1,750.00)	73%
Water Resources Specialist	11,780.00	99,197.00	162,743.00	(63,546.00)	61%
Admin Employee Relations	0.00	0.00	600.00	(600.00)	0%
State Unemployment Insurance	50.23	990.41	2,000.00	(1,009.59)	50%
FUTA Tax	20.09	396.15	1,000.00	(603.85)	40%
Office Supplies	300.18	1,642.47	6,000.00	(4,357.53)	27%
Payroll Services	584.26	5,557.85	8,500.00	(2,942.15)	65%
Postage	0.00	1,006.08	1,800.00	(793.92)	56%
Printing, Forms, Maps, Etc	0.00	0.00	1,500.00	(1,500.00)	0%
Notary Commission	0.00	106.93	500.00	(393.07)	21%
Printing (Legal)	0.00	266.00	3,000.00	(2,734.00)	9%
WSSA Utilities	380.38	2,982.47	4,500.00	(1,517.53)	66%
DHQ Telephone	1,139.85	10,413.54	13,000.00	(2,586.46)	80%
Bank Fees	0.00	55.35	100.00	(44.65)	55%
Dir -Employee Assist Program	14.88	133.92	179.00	(45.08)	75%
Admin-Employee Assist Program	12.40	109.12	208.00	(98.88)	52%
Cyber Liability Program	0.00	2,132.19	2,150.00	(17.81)	99%
Admin Auto & Liability Program	0.00	0.00	38,000.00	(38,000.00)	0%
Property Insurance	0.00	90,126.00	70,000.00	20,126.00	129%
Business Systems Services	680.63	7,732.70	12,500.00	(4,767.30)	62%
Pension Fund - 401A	1,219.92	12,152.28	16,652.00	(4,499.72)	73%
Retiree's Health Insurance	10,110.81	90,997.29	122,341.00	(31,343.71)	74%
COBRA Health Insurance	33.69	411.32	0.00	411.32	
State Emp. Training Tax	3.35	66.05	150.00	(83.95)	44%
Director's Fees/ Expenses	3,200.06	9,845.05	17,000.00	(7,154.95)	58%
Director's Benefits	11,622.11	104,601.66	139,546.00	(34,944.34)	75%
District Officials'	7,701.45	32,090.27	42,000.00	(9,909.73)	76%
Legal Services	223,206.62	1,467,143.23	2,535,000.00	(1,067,856.77)	58%
CVPSA - Legal	4,252.50	37,064.90	75,000.00	(37,935.10)	49%
Auditing	0.00	26,799.58	26,000.00	799.58	103%
Actuarial Services	0.00	5,325.00	10,000.00	(4,675.00)	53%

Byron-Bethany Irrigation District
Income Statement
Compared with Budget
For the Nine Months Ending September 30, 2026

	Current Month Actual	Year to Date Actual	Year to Date Budget	Variance	Variance %
Election	0.00	0.00	1,000.00	(1,000.00)	0%
Rental Unit	0.00	180.29	15,000.00	(14,819.71)	1%
Permits, Dues & Subscriptions	27,655.00	51,815.68	60,000.00	(8,184.32)	86%
Admin. Continuing Education	0.00	250.00	5,000.00	(4,750.00)	5%
Recording Fees	0.00	92.00	250.00	(158.00)	37%
Interest Expense	54,140.57	90,431.84	147,347.00	(56,915.16)	61%
Hardware/Software	3,941.57	44,623.72	71,000.00	(26,376.28)	63%
Public Outreach	5,017.33	46,119.24	68,800.00	(22,680.76)	67%
Website	2,100.00	19,116.23	25,400.00	(6,283.77)	75%
State/Federal Representation	18,500.00	163,890.00	280,000.00	(116,110.00)	59%
HR Consulting	2,175.00	11,020.00	2,000.00	9,020.00	551%
Total Expenses	988,891.21	8,102,553.93	14,708,432.48	(6,605,878.55)	55%
Net Income	$ 84,846.78	$ 5,129,680.50	$ 811,065.03	4,318,615.47	632%

Byron-Bethany Irrigation District
Balance Sheet
September 30, 2026

ASSETS

Current Assets			
CAMP - CA Asset Mngmnt Program	$	11,484,333.76	
Cash-L.A.I.F. State Treasurer		1,688,729.98	
OVCB Muni		576,213.71	
Liquidity Plus		975,419.94	
Investments		34,113,994.81	
Petty Cash		180.60	
Petty Cash - WSSA		100.00	
Accts Receivable		398,452.44	
Accts Receivable - Other		19,205.80	
Prepaid Insurance		75,257.89	
Total Current Assets			49,331,888.93
Property and Equipment			
Allowance for Depreciation		(24,268,442.66)	
Allowance for DepreciationWSSA		(3,824,351.34)	
District Lands		2,008,265.52	
General Properties		16,803,765.10	
CVPSA Distribution System		809,239.71	
Pumping Plant		27,890,944.54	
Telemetry/SCADA		261,167.19	
Office Equipment		165,421.91	
Automotive Equipment		2,078,898.26	
General Tools & Equipment		1,562,150.04	
PL 984 Project		2,123,774.17	
Mariposa Energy Plant		4,716,153.80	
General Properties WSSA		5,400,391.91	
General Equipment WSSA		694,864.65	
Drainage Systems		594,983.66	
CIP Disposal		(0.39)	
Work in Progress		1,887,580.22	
Total Property and Equipment			38,904,806.29
Other Assets			
Total Other Assets			0.00
Total Assets			$ 88,236,695.22

LIABILITIES AND CAPITAL

Current Liabilities		
Accounts Payable	$	322,200.83
Health Insurance Payable		(5,346.04)
Deferred Comp - Payable		1,050.00
Accrued Vacation		227,285.88
Dental Insurance Payable		(2,101.12)
Supplem Life Insurance Payable		(240.00)
Accrued Vacation - LT		36,877.00
Social Security Tax Payable		(1.24)
Medicare Withholding Tax Pay		(0.29)
FUTA Tax Payable		(4,124.72)
Local Tax - CASDI Payable		(0.18)
Net Pension Liability		930,210.00
Deferred Inflows		142,021.00

Byron-Bethany Irrigation District
Balance Sheet
September 30, 2026

Deferred Outflows	(382,940.00)	
Deferred Outflows Contribution	(61,845.00)	
Net OPEB Liability/Asset	228,845.00	
Deferred Inflows (OPEB)	1,037,541.00	
Deferred Outflows (OPEB)	(320,986.00)	
Unearned Revenue	276,000.00	
CalPERS Contributions Accrual	0.44	
Total Current Liabilities		2,424,446.56
Long-Term Liabilities		
2018 Enterprise Revenue Bond	2,650,000.00	
2017 Revenue Refi Bond	264,000.01	
2021 Enterprise Revenue Bond	2,330,000.00	
Total Long-Term Liabilities		5,244,000.01
Total Liabilities		7,668,446.57
Capital		
Retained Earnings	15,350,550.67	
Legal Reserve	2,000,000.00	
10 Year CIP Reserve	10,000,000.00	
Insurance/SIR Reserve	360,000.00	
Rolling Stock Replacement Res.	200,000.00	
Construction Equipment Replace	300,000.00	
Groundwater Mgmt Program Res	200,000.00	
Op & Maint, Eng. & Gen. Admin.	4,000,000.00	
PERS Contribution Contingency	500,000.00	
CVPSA Capital Improve Reserve	50,000.00	
RWSAInfrastructure Replacement	2,000,000.00	
2017 Series Debt Payment Reser	1,600,000.00	
2018 Revenue Bonds Debt Pmt Re	3,000,000.00	
2021 Rev. Bonds Debt Reserve	3,000,000.00	
Net Investment in Capital Asse	31,709,485.00	
Net Income	6,298,212.98	
Total Capital		80,568,248.65
Total Liabilities & Capital		$ 88,236,695.22

Byron-Bethany Irrigation District
Account Reconciliation
As of Sep 30, 2026
1010C - OVCB Muni
Bank Statement Date: September 30, 2026

Filter Criteria includes: Report is printed in Detail Format.

Beginning GL Balance				592,417.25
Add: Cash Receipts				1,021,748.45
Less: Cash Disbursements				(584,497.52)
Add (Less) Other				(453,454.47)
Ending GL Balance				576,213.71
Ending Bank Balance				600,001.00
Add back deposits in transit				
Total deposits in transit				
(Less) outstanding checks				
	Jul 1, 2026	48518	(2,100.00)	
	Aug 5, 2026	48600	(100.00)	
	Aug 19, 2026	48630	(1,580.00)	
	Aug 19, 2026	48635	(3,000.00)	
	Sep 1, 2026	48660	(1,560.00)	
	Sep 1, 2026	48671	(459.81)	
	Sep 1, 2026	48677	(13,203.37)	
	Sep 14, 2026	48697	(1,270.00)	
	Sep 14, 2026	48706	(514.11)	
Total outstanding checks				(23,787.29)
Add (Less) Other				
Total other				
Unreconciled difference				0.00
Ending GL Balance				576,213.71



OAK VALLEY COMMUNITY BANK
TRACY
1034 NORTH CENTRAL AVE.
TRACY CA 95376
(209)834-3340

BYRON BETHANY IRRIGATION DISTRICT
MUNI ACCOUNT
7995 BRUNS ROAD
BYRON CA 94514-1625

ACCOUNT NUMBER:
STATEMENT DATE: 9/30/26
WEB SITE: www.ovcb.com
www.escbank.com
TOLL FREE NUMBER: 866-844-7500

ECONOMY CHECKING-PUBLIC BYRON BETHANY IRRIGATION DISTRICT Acct
MUNI ACCOUNT

	Beginning Balance	9/01/26	600,001.00	
	Deposits / Misc Credits	24	5,387,040.70	
	Withdrawals / Misc Debits	90	5,387,040.70	
**	Ending Balance	9/30/26	600,001.00	**
	Service Charge		.00	
	Enclosures		63	

- - - - - - - - - - - - - - - DEPOSITS/CREDITS - - - - - - - - - - - - - - -

Date	Deposits	Withdrawals	Activity Description
9/01	1,592.75		Trnsfr from Checking Acct Ending in 0095
9/02	15,799.55		Trnsfr from Checking Acct Ending in 0095
9/03	790.00		DEPOSIT
9/03	24,075.98		Trnsfr from Checking Acct Ending in 0095
9/04	686,785.00		Trnsfr from Checking Acct Ending in 0095
9/08	1,126.76		Trnsfr from Checking Acct Ending in 0095
9/09	19,843.10		Trnsfr from Checking Acct Ending in 0095
9/10	316,990.12		DEPOSIT
9/11	1,938.35		Trnsfr from Checking Acct Ending in 0095
9/14	65,062.23		Trnsfr from Checking Acct Ending in 0095
9/15	501,243.79		Trnsfr from Checking Acct Ending in 0095
9/16	229,171.35		Trnsfr from Checking Acct Ending in 0095
9/17	4,350.49		Trnsfr from Checking Acct Ending in 0095
9/18	19,591.92		DEPOSIT
9/18	2,650.03		MARIPOSA ENERGY,/MELPMT RMR*IV*0000019161 28978**2650.03*2650 .03\
9/21	286,003.47		DEPOSIT
9/22	32,439.08		Trnsfr from Checking Acct Ending in 0095
9/23	61,555.30		Trnsfr from Checking Acct Ending in 0095
9/24	105,469.43		Trnsfr from Checking Acct Ending in 0095
9/25	1,333,490.52		Trnsfr from Checking Acct Ending in 0095
9/28	332,647.21		DEPOSIT
9/29	262,108.99		Trnsfr from Checking Acct Ending in 0095
9/29	1,000,000.00		CAMP ACH/REDEMPTION CAMP Redemption

Byron-Bethany Irrigation District
Account Reconciliation
As of Sep 30, 2026
1010D - Liquidity Plus
Bank Statement Date: September 30, 2026

Filter Criteria includes: Report is printed in Detail Format.

Beginning GL Balance		2,912,472.58
Add: Cash Receipts		
Less: Cash Disbursements		
Add (Less) Other		(1,937,052.64)
Ending GL Balance		975,419.94
Ending Bank Balance		975,419.94
Add back deposits in transit		
Total deposits in transit		
(Less) outstanding checks		
Total outstanding checks		
Add (Less) Other		
Total other		
Unreconciled difference		0.00
Ending GL Balance		975,419.94

OAK VALLEY COMMUNITY BANK

OAK VALLEY COMMUNITY BANK
TRACY
1034 NORTH CENTRAL AVE.
TRACY CA 95376
(209)834-3340

BYRON BETHANY IRRIGATION DISTRICT
7995 BRUNS ROAD
BYRON CA 94514-1625

ACCOUNT NUMBER:
STATEMENT DATE: 9/30/26
WEB SITE: www.ovcb.com
www.escbank.com
TOLL FREE NUMBER: 866-844-7500

OAK TREE CHECKING-PUBLIC BYRON BETHANY IRRIGATION DISTRICT Acct

	Beginning Balance	9/01/26	2,912,472.58	
	Deposits / Misc Credits	6	1,409,000.03	
	Withdrawals / Misc Debits	16	3,346,052.67	
**	Ending Balance	9/30/26	975,419.94	**
	Service Charge		.00	
	Interest Paid Thru 9/30/26		4,519.73	
	Interest Paid Year To Date		20,197.23	
	Minimum Balance		266,616	

DEPOSITS/CREDITS

Date	Deposits	Withdrawals	Activity Description
9/10	225,926.27		Trnsfr from Checking Acct Ending in 0060
9/18	22,127.95		Trnsfr from Checking Acct Ending in 0060
9/21	229,366.86		Trnsfr from Checking Acct Ending in 0060
9/28	222,775.52		Trnsfr from Checking Acct Ending in 0060
9/30	704,283.70		Trnsfr from Checking Acct Ending in 0060
9/30	4,519.73		INTEREST EARNED

OTHER WITHDRAWALS/DEBITS

Date	Deposits	Withdrawals	Activity Description
9/01		1,592.75	Trnsfr to Checking Acct Ending in 0060
9/02		15,799.55	Trnsfr to Checking Acct Ending in 0060
9/03		24,075.98	Trnsfr to Checking Acct Ending in 0060
9/04		686,785.00	Trnsfr to Checking Acct Ending in 0060
9/08		1,126.76	Trnsfr to Checking Acct Ending in 0060
9/09		19,843.10	Trnsfr to Checking Acct Ending in 0060
9/11		1,938.35	Trnsfr to Checking Acct Ending in 0060
9/14		65,062.23	Trnsfr to Checking Acct Ending in 0060
9/15		501,243.79	Trnsfr to Checking Acct Ending in 0060
9/16		229,171.35	Trnsfr to Checking Acct Ending in 0060
9/17		4,350.49	Trnsfr to Checking Acct Ending in 0060
9/22		32,439.08	Trnsfr to Checking Acct Ending in 0060

Byron-Bethany Irrigation District
Account Reconciliation
As of Sep 30, 2026
1011A - OVCB Payroll
Bank Statement Date: September 30, 2026

Filter Criteria includes: Report is printed in Detail Format.

Beginning GL Balance		
Add: Cash Receipts		
Less: Cash Disbursements		
Add (Less) Other		
Ending GL Balance		
Ending Bank Balance		
Add back deposits in transit		
Total deposits in transit		
(Less) outstanding checks		
Total outstanding checks		
Add (Less) Other		
Total other		
Unreconciled difference		0.00
Ending GL Balance		



OAK VALLEY COMMUNITY BANK
TRACY
1034 NORTH CENTRAL AVE.
TRACY CA 95376
(209)834-3340

BYRON BETHANY IRRIGATION DISTRICT
PAYROLL ACCOUNT
7995 BRUNS ROAD
BYRON CA 94514-1625

ACCOUNT NUMBER:
STATEMENT DATE: 9/30/26
WEB SITE: www.ovcb.com
www.escbank.com
TOLL FREE NUMBER: 866-844-7500

ECONOMY CHECKING-PUBLIC BYRON BETHANY IRRIGATION DISTRICT Acct
PAYROLL ACCOUNT

	Beginning Balance	9/01/26	.00	
	Deposits / Misc Credits	5	189,563.34	
	Withdrawals / Misc Debits	7	189,563.34	
**	Ending Balance	9/30/26	.00	**
	Service Charge		.00	

DEPOSITS/CREDITS

Date	Deposits	Withdrawals	Activity Description
9/10	89,122.50		Trnsfr from Checking Acct Ending in 0060
9/11	211.56		Trnsfr from Checking Acct Ending in 0060
9/21	77.18		Trnsfr from Checking Acct Ending in 0060
9/24	99,856.58		Trnsfr from Checking Acct Ending in 0060
9/25	295.52		Trnsfr from Checking Acct Ending in 0060

OTHER WITHDRAWALS/DEBITS

Date	Deposits	Withdrawals	Activity Description
9/10		28,443.98	PAYCHEX TPS/TAXES
9/10		60,678.52	PAYCHEX INC./PAYROLL
9/11		211.56	PAYCHEX EIB/INVOICE
9/21		77.18	PAYCHEX-OAB/INVOICE
9/24		31,222.15	PAYCHEX TPS/TAXES
9/24		68,634.43	PAYCHEX INC./PAYROLL
9/25		295.52	PAYCHEX EIB/INVOICE

DAILY BALANCE SUMMARY

Date	Balance	Date	Balance	Date	Balance
9/10	.00	9/21	.00	9/25	.00
9/11	.00	9/24	.00		

Byron-Bethany Irrigation District
Account Reconciliation
As of Sep 30, 2026
1026 - Investments
Bank Statement Date: September 30, 2026

Filter Criteria includes: Report is printed in Detail Format.

Beginning GL Balance		31,980,905.15
Add: Cash Receipts		
Less: Cash Disbursements		
Add (Less) Other		2,133,089.66
Ending GL Balance		34,113,994.81
Ending Bank Balance		34,113,994.81
Add back deposits in transit		
Total deposits in transit		
(Less) outstanding checks		
Total outstanding checks		
Add (Less) Other		
Total other		
Unreconciled difference		0.00
Ending GL Balance		34,113,994.81

KING
CAPITAL ADVISORS

Securities offered through Cambridge Investment Research, Inc. Member FINRA/SIPC.
Advisory services through Cambridge Investment Research Advisors, Inc., a Registered Investment Adviser. Cambridge and King Capital Advisors are not affiliated.

Account Overview

CHANGE IN ACCOUNT VALUE	*Current Period*	*Year-to-Date*
BEGINNING VALUE	$31,980,905.15	$23,555,277.21
Additions and Withdrawals	$2,519,000.00	$10,612,928.54
Misc. & Corporate Actions	$0.00	$220,575.00
Income	$128,750.21	$810,164.81
Taxes, Fees and Expenses	$0.00	$0.00
Change in Value	($514,660.55)	($1,084,950.75)
ENDING VALUE (AS OF 09/30/26)	$34,113,994.81	$34,113,994.81
Total Accrued Interest	$327,391.04	
Ending Value with Accrued Interest	**$34,441,385.85**	

Refer to Miscellaneous Footnotes for more information on Change in Value.

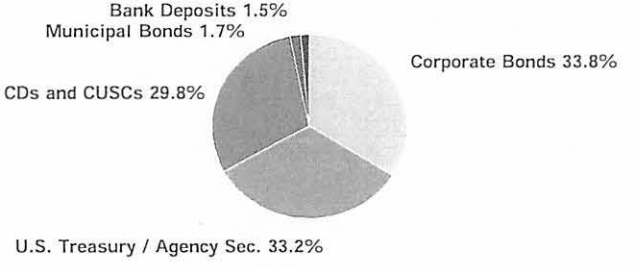
INCOME

TAXABLE	*Current Period*	*Year-to-Date*
Taxable Dividends	$8.76	$429.96
Taxable Interest	$128,741.45	$809,734.85
TOTAL TAXABLE	$128,750.21	$810,164.81
TOTAL INCOME	**$128,750.21**	**$810,164.81**

Taxable income is determined based on information available to NFS at the time the statement was prepared, and is subject to change. Final information on taxation of interest and dividends is available on Form 1099-Div, which is mailed in February of the subsequent year.

REALIZED GAIN (LOSS)	*Current Period*	*Year-to-Date*
Short Term Gain	$0.00	$0.00
Short Term Loss	$0.00	$0.00
Disallowed Short Term Loss	$0.00	$0.00
TOTAL SHORT TERM GAIN (LOSS)	**$0.00**	**$0.00**

ACCOUNT ALLOCATION



	Percent	*Prior Period*	*Current Period*
Money Markets	0.0 %	$3,081.09	$3,089.85
Bank Deposits	1.5	$45,591.34	$510,694.43
CDs and CUSCs	29.8	$9,537,243.21	$10,162,524.41
Corporate Bonds	33.8	$11,781,772.54	$11,544,467.23
Municipal Bonds	1.7	$583,590.00	$567,708.00
U.S. Treasury / Agency Sec.	33.2	$10,029,626.97	$11,325,510.89
TOTAL	**100.0 %**	**$31,980,905.15**	**$34,113,994.81**

Account Allocation *shows the percentage that each asset class represents of your total account value. Account Allocation for equities, fixed income, and other categories may include mutual funds and may be net of short positions. NFS has made assumptions concerning how certain mutual funds are allocated. Closed-end mutual funds and Exchange Traded Products (ETPs) listed on an exchange may be included in the equity allocation. The chart may not reflect your actual portfolio allocation. Consult your broker/dealer prior to making investment decisions.*

9/30/26

Byron Bethany ID

Issuer	Type	Price	CPN	AMOUNT	YIELD	Cash Flow	MAT.	Cusip#	Settle	CALL
FIDELITY GOV'T MMKT	CASH	$1.00	3.54%	$3,090	3.54%	$ 109.38	10/2/2026	FDRXX	DAILY	
INSURED MMKT	CASH	$1.00	0.15%	*$10,694*	0.15%	$ 16.04	10/2/2026	QIDPQ	DAILY	
CAMP	CASH	$1.00	3.97%	$12,445,000	3.97%	$ 494,066.50	10/2/2026	CAMP	DAILY	
LAIF	CASH	$1.00	3.86%	$1,672,404	3.86%	$ 64,554.79	10/2/2026	LAIF	DAILY	
OVCB	CASH		3.01%	$1,162,312	3.01%	$ 34,985.59	10/2/2026	OVCB	DAILY	
First United B&T	CD	$100.000	4.000%	$249,000	4.00%	$ 9,960.00	2/8/2027	33742CCS4	2/8/2023	N/A
America's CU	CD	$100.000	4.000%	$249,000	4.00%	$ 9,960.00	4/30/2027	03065AAZ6	10/31/2024	N/A
Liberty First Credit Union	CD	$100.000	4.500%	$249,000	4.50%	$ 11,205.00	4/26/2027	530520AJ4	4/25/2023	N/A
UBS Bank USA	CD	$100.000	4.500%	$249,000	4.50%	$ 11,205.00	4/26/2027	90355GCW4	4/26/2023	N/A
Global Federal CU	CD	$100.000	4.600%	$249,000	4.60%	$ 11,454.00	5/12/2027	37892MAF1	5/12/2023	N/A
Univest Bank	CD	$100.000	4.450%	$249,000	4.45%	$ 11,080.50	5/12/2027	91527PBX4	5/12/2023	N/A
DMB Community Bank	CD	$100.000	4.100%	$249,000	4.10%	$ 10,209.00	8/10/2027	23322G3P0	8/10/2026	N/A
Bank of New England	CD	$100.000	4.150%	$249,000	4.15%	$ 10,333.50	8/13/2027	06426KEV6	8/13/2026	N/A
Workers FCU	CD	$100.000	4.000%	$249,000	4.00%	$ 9,960.00	8/30/2027	98138MCK4	8/30/2024	N/A
Ally Bank	CD	$100.000	3.750%	$245,000	3.75%	$ 9,187.50	9/27/2027	02007G3R2	9/26/2024	N/A
FARMER MAC	AG	$98.840	3.580%	$500,000	4.00%	$ 17,900.00	10/7/2027	31424WPZ9	10/29/2024	N/A
Toyota (A1/A+)	CORP	$100.000	4.350%	$500,000	4.35%	$ 21,750.00	10/22/2027	89236TMU6	12/13/2024	NC22mo 2X
BLC Community Bank	CD	$100.000	4.100%	$249,000	4.10%	$ 10,209.00	11/17/2027	05549CKK5	8/17/2026	N/A
First Farmers B&T	CD	$100.000	4.100%	$249,000	4.10%	$ 10,209.00	11/19/2027	320165MU4	8/19/2026	N/A
Texas Exchange Bank	CD	$100.000	4.000%	$249,000	4.00%	$ 9,960.00	12/10/2027	88241TTV2	10/28/2024	N/A
Austin Telco FCU	CD	$100.000	4.750%	$249,000	4.75%	$ 11,827.50	1/27/2028	052392CN5	1/27/2023	N/A
BMW Bank NA	CD	$100.000	4.300%	$244,000	4.30%	$ 10,492.00	4/21/2028	05580AY81	4/21/2023	N/A
Discover Bank	CD	$100.000	4.350%	$244,000	4.35%	$ 10,614.00	4/24/2028	2546734D5	4/26/2023	N/A
USALLIANCE FCU	CD	$100.000	4.650%	$249,000	4.65%	$ 11,578.50	4/28/2028	90352RCZ6	4/28/2023	N/A
Bank of NY - (Aa3/A/AA-)	CORP	$97.655	3.850%	$350,000	4.63%	$ 13,475.00	4/28/2028	06406RAH0	1/14/2025	N/A
Cy-Fair FCU	CD	$100.000	4.500%	$249,000	4.50%	$ 11,205.00	5/12/2028	23248UAB3	5/12/2023	N/A
Capital One NA	CD	$100.000	4.400%	$244,000	4.40%	$ 10,736.00	5/17/2028	14042RVS7	5/17/2023	N/A
Eaglemark Savings Bank	CD	$100.000	4.200%	$244,000	4.20%	$ 10,248.00	8/11/2028	27004PJU8	8/12/2026	N/A
Popular Bank	CD	$100.000	4.200%	$247,000	4.20%	$ 10,374.00	8/11/2028	73317AGA4	8/12/2026	N/A
Bank of America NA	CD	$100.000	4.200%	$244,000	4.20%	$ 10,248.00	8/14/2028	06051YEL0	8/12/2026	N/A
GBank	CD	$100.000	4.200%	$249,000	4.20%	$ 10,458.00	8/18/2028	36830MCG4	8/18/2026	N/A
FED FARM CREDIT BANK	AG	$98.970	4.125%	$500,000	4.80%	$ 20,625.00	9/11/2028	3133EWD64	9/24/2026	N/A
Optum Bank Inc	CD	$100.000	3.600%	$245,000	3.60%	$ 8,820.00	10/23/2028	68405VEZ8	10/22/2025	N/A

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Synchrony Bank	CD	$100.000	5.000%	$243,000	5.00%	$	12,150.00	11/3/2028	87165H3Y4	11/3/2023	N/A
FANNIE MAE	AG	$100.545	4.550%	$500,000	4.40%	$	22,750.00	11/20/2028	3135GAZA2	12/19/2024	NC23mo1X
State Bank IN (Chicago)	CD	$100.000	5.000%	$243,000	5.00%	$	12,150.00	11/24/2028	8562834U7	11/24/2023	N/A
FED HOME LOAN BANK	AG	$100.680	4.750%	$500,000	4.60%	$	23,750.00	3/22/2029	3130B0K81	4/1/2024	NC3y1X
Wells Fargo Bank NA	CD	$100.000	4.000%	$249,000	4.00%	$	9,960.00	4/9/2029	949764VE1	4/7/2026	NA
FREDDIE MAC	AG	$100.000	4.125%	$495,000	4.125%	$	20,418.75	4/27/2029	3134HCP37	6/2/2026	NC6moQTR
Manufacture & Traders Bank	CD	$100.000	4.000%	$245,000	4.00%	$	9,800.00	5/11/2029	564759TK4	5/13/2026	N/A
FED FARM CREDIT BANK	AG	$100.000	4.240%	$305,000	4.24%	$	12,932.00	5/21/2029	3133EQQB9	6/30/2026	NC1yr-Any
Home Depot A2/A	CORP	$100.790	4.750%	$350,000	4.55%	$	16,625.00	6/25/2029	437076DC3	12/20/2024	N/A
Citibank NA (Aa3/A+)	CORP	$99.340	4.838%	$350,000	5.00%	$	16,933.00	8/6/2029	17325FBK3	1/14/2025	N/A
FREDDIE MAC	AG	$99.500	4.000%	$280,000	4.11%	$	11,200.00	8/14/2029	3134HAED1	8/22/2024	NC1yr2X
FARMER MAC	AG	$100.000	4.070%	$500,000	4.07%	$	20,350.00	8/23/2029	31428JEB9	3/23/2026	NC1yrQTR
FARMER MAC	AG	$100.410	3.970%	$305,000	3.88%	$	12,108.50	9/18/2029	31424WNX6	9/20/2024	NC2yrQTR
Bank Hapoalim NY	CD	$100.000	3.800%	$245,000	3.80%	$	9,310.00	9/18/2029	06251FAM1	9/18/2024	N/A
FREDDIE MAC - STEP UP	AG	$100.000	4.750%	$450,000	5.07%	$	21,375.00	9/24/2029	3134HDAP2	9/24/2026	NC1yr-2X
FED HOME LOAN BANK	AG	$100.000	4.100%	$500,000	4.10%	$	20,500.00	10/9/2029	3130B3CC5	10/29/2024	NC 2.5y 1X
FANNIE MAE	AG	$100.000	4.000%	$250,000	4.00%	$	10,000.00	11/7/2029	3136GC4E2	4/10/2026	NC4moQTR
Caterpillar (A2/A)	CORP	$100.880	4.700%	$250,000	4.50%	$	11,750.00	11/15/2029	14913UAU4	11/21/2024	N/A
Prudential Financial (A3/A)	CORP	$100.000	4.500%	$270,000	4.50%	$	12,150.00	11/15/2029	74432BAL2	11/29/2024	N/A
FANNIE MAE	AG	$100.000	4.450%	$500,000	4.45%	$	22,250.00	11/19/2029	3136GDC27	8/3/2026	NC3moQTRLY
FANNIE MAE	AG	$100.000	4.550%	$500,000	4.55%	$	22,750.00	12/28/2029	3136GDK51	8/7/2026	NC4moQTR
ConocoPhillips (A2/A-/A)	CORP	$100.000	4.700%	$500,000	4.70%	$	23,500.00	1/15/2030	20826FBJ4	1/30/2025	N/A
FARMER MAC	AG	$100.540	4.790%	$500,000	4.67%	$	23,950.00	1/28/2030	31424WUD2	2/5/2025	NC2yrQTR
Capital Impact Part. (A+/A+)	CORP	$100.000	5.200%	$295,000	5.20%	$	15,340.00	3/15/2030	14020AE67	3/13/2025	N/A
Morgan Stanley (A1/A-/A+)	CORP	$100.000	4.650%	$500,000	4.65%	$	23,250.00	4/23/2030	61770QTB0	4/23/2025	N/A
State Street Corp (Aa3/A+AA-)	CORP	$101.450	4.834%	$300,000	4.50%	$	14,502.00	4/24/2030	857477DB6	5/5/2025	N/A
Royal Bank of CA (A1/A/AA-)	CORP	$100.000	5.000%	$250,000	5.00%	$	12,500.00	4/30/2030	78014RA91	4/30/2025	NC18mo S/A
FED FARM CREDIT BANK	AG	$100.000	4.540%	$500,000	4.54%	$	22,700.00	5/20/2030	3133EWQC7	8/18/2026	NC1mo-CC
FARMER MAC	AG	$100.440	4.430%	$325,000	4.33%	$	14,397.50	5/28/2030	31424WB68	6/2/2025	NC2yrQTR
John Deere Cap. (A1/A/A+)	CORP	$101.087	4.550%	$525,000	4.30%	$	23,887.50	6/5/2030	24422EYE3	7/15/2025	N/A
Public Storage (A2/A)	CORP	$101.500	4.375%	$360,000	4.02%	$	15,750.00	7/1/2030	74464AAC5	10/16/2025	N/A
Goldman Sachs Bk USA (A1/A+/AA-)	CORP	$100.000	4.500%	$500,000	4.50%	$	22,500.00	7/5/2030	38151G3T6	7/7/2025	NC2yrQTR
Wells Fargo Bank (Aa2/A+/AA-)	CORP	$100.000	4.400%	$500,000	4.40%	$	22,000.00	8/7/2030	95004HAG3	8/7/2025	NC3yrS/A
Lockheed Martin (A2/A-/A)	CORP	$100.875	4.400%	$550,000	4.20%	$	24,200.00	8/15/2030	539830CL1	8/18/2025	N/A

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Byron Bethany ID

Truist Bank	CD	$100.000	4.150%	$240,000	4.15%	$	9,960.00	8/29/2030	897926BZ3	9/5/2025	NC1yrMTLY
Goldman Sachs Bank USA	CD	$100.000	3.750%	$245,000	3.75%	$	9,187.50	9/9/2030	38150V5W5	9/9/2025	N/A
Bank of Greene County	CD	$100.000	4.400%	$244,000	4.40%	$	10,736.00	9/16/2030	06427HBH6	9/15/2026	N/A
Bank of America (A1/A-/AA-)	CORP	$100.000	4.150%	$300,000	4.15%	$	12,450.00	9/19/2030	06055JNR6	10/20/2025	NC2yrS/A
Nat'l. Bank of CA (Aa2/A+/AA-)	CORP	$100.000	4.450%	$450,000	4.45%	$	20,025.00	9/23/2030	63305MTF8	9/23/2025	NC1yrQTRLY
Royal Bank of CA (A1/A/AA-)	CORP	$100.000	4.100%	$250,000	4.10%	$	10,250.00	9/30/2030	78014RL32	9/30/2025	NC3yrS/A
JP Morgan Chase Bank NA	CD	$100.000	4.000%	$240,000	4.00%	$	9,600.00	10/16/2030	46659CGJ3	10/16/2025	NC2yr1X
Blackstone Finance (A+/A+)	CORP	$100.400	4.300%	$355,000	4.21%	$	15,265.00	11/3/2030	092914AB6	11/3/2025	N/A
GOOGLE (Aa2/AA+)	CORP	$98.050	4.100%	$250,000	4.61%	$	10,250.00	11/15/2030	02079KAW7	8/7/2026	N/A
META Inc. (Aa3/AA-)	CORP	$98.080	4.200%	$275,000	4.70%	$	11,550.00	11/15/2030	30303MAB8	8/11/2026	N/A
Sallie Mae Bank	CD	$100.000	3.900%	$245,000	3.90%	$	9,555.00	12/5/2030	795451EE9	12/10/2025	N/A
FANNIE MAE	AG	$100.000	3.750%	$345,000	3.75%	$	12,937.50	1/7/2031	3136GCDK8	1/7/2026	NC1yr2x
Applied Materials (A2/A)	CORP	$99.550	4.000%	$250,000	4.10%	$	10,000.00	1/15/2031	038222AT2	1/23/2026	N/A
Apollo Global Mgmt (A2/A)	CORP	$101.282	4.600%	$300,000	4.31%	$	13,800.00	1/15/2031	03769MAF3	2/5/2026	N/A
Bank of Montreal (A2/A-/AA-)	CORP	$100.000	4.450%	$250,000	4.45%	$	11,125.00	1/29/2031	06376JHF1	1/29/2026	NC2yrS/A
Morgan Stanley Private Bank	CD	$100.000	4.000%	$245,000	4.00%	$	9,800.00	1/30/2031	61779G5H4	1/30/2026	NC6moS/A
JP Morgan Chase (A1/A/AA-)	CORP	$100.000	4.250%	$270,000	4.25%	$	11,475.00	2/13/2031	48130KQH3	2/13/2026	NC2yrS/A
FREDDIE MAC	AG	$100.000	4.125%	$340,000	4.13%	$	14,025.00	2/20/2031	3134HCVL0	4/10/2026	NC4moQTR
FREDDIE MAC	AG	$100.000	3.750%	$445,000	3.75%	$	16,687.50	2/24/2031	3134HCVT3	3/4/2026	NC1yr5x
Toyota Savings Bank	CD	$100.000	4.000%	$245,000	4.00%	$	9,800.00	2/26/2031	89235MTS0	2/26/2026	NC6moMTLY
Morgan Stanley Bank NA	CD	$100.000	4.000%	$245,000	4.00%	$	9,800.00	2/27/2031	61779E7B0	2/27/2026	NC2yrS/A
US Bank (A3/A/A)	CORP	$100.000	4.250%	$500,000	4.25%	$	21,250.00	3/6/2031	91159XFM2	3/6/2026	NC2yrS/A
FANNIE MAE	AG	$100.000	4.000%	$570,000	4.00%	$	22,800.00	3/10/2031	3136GCRK3	3/13/2026	NC6moS/A
Amazon Inc. (A1/AA/AA-)	CORP	$100.000	4.250%	$500,000	4.25%	$	21,250.00	3/13/2031	023135DD5	3/17/2026	N/A
FREDDIE MAC - STEP UP	AG	$99.750	3.750%	$700,000	4.43%	$	26,250.00	3/17/2031	3134HCXB0	3/27/2026	NC3moQTRLY
State of CA GO - (Aa2/AA-/AA)	MUNI	$99.330	4.050%	$600,000	4.21%	$	24,300.00	4/1/2031	13063ETP1	5/21/2026	N/A
FANNIE MAE	AG	$100.000	4.500%	$422,000	4.50%	$	18,990.00	5/5/2031	3136GDAJ2	6/25/2026	NC6mo-S/A
Citigroup Global (A2/A/AA-)	CORP	$100.000	4.500%	$315,000	4.50%	$	14,175.00	5/6/2031	17291WAY7	5/6/2026	NC1yr-S/A
FANNIE MAE	AG	$100.000	4.300%	$500,000	4.30%	$	21,500.00	5/15/2031	3136GDCQ4	5/21/2026	NC2yr-1X
Merrick Bank	CD	$100.000	4.050%	$249,000	4.05%	$	10,084.50	5/19/2031	59013LNB6	5/19/2026	N/A
NVIDIA Inc. (Aa1/AA)	CORP	$100.650	4.500%	$500,000	4.35%	$	22,500.00	6/15/2031	67066GAR5	6/18/2026	N/A
FED HOME LOAN BANK	AG	$100.230	4.550%	$360,000	4.50%	$	16,380.00	6/16/2031	3130BAXH5	7/2/2026	NC1yr-ANN
Citibank NA	CD	$100.000	4.500%	$245,000	4.50%	$	11,025.00	6/18/2031	17290GPP6	6/18/2026	NC1yr-S/A
JP Morgan Chase (A1/A/AA-)	CORP	$100.000	5.000%	$300,000	5.00%	$	15,000.00	7/31/2031	48130KLJ4	7/31/2026	NC2y-S/A

9/30/26

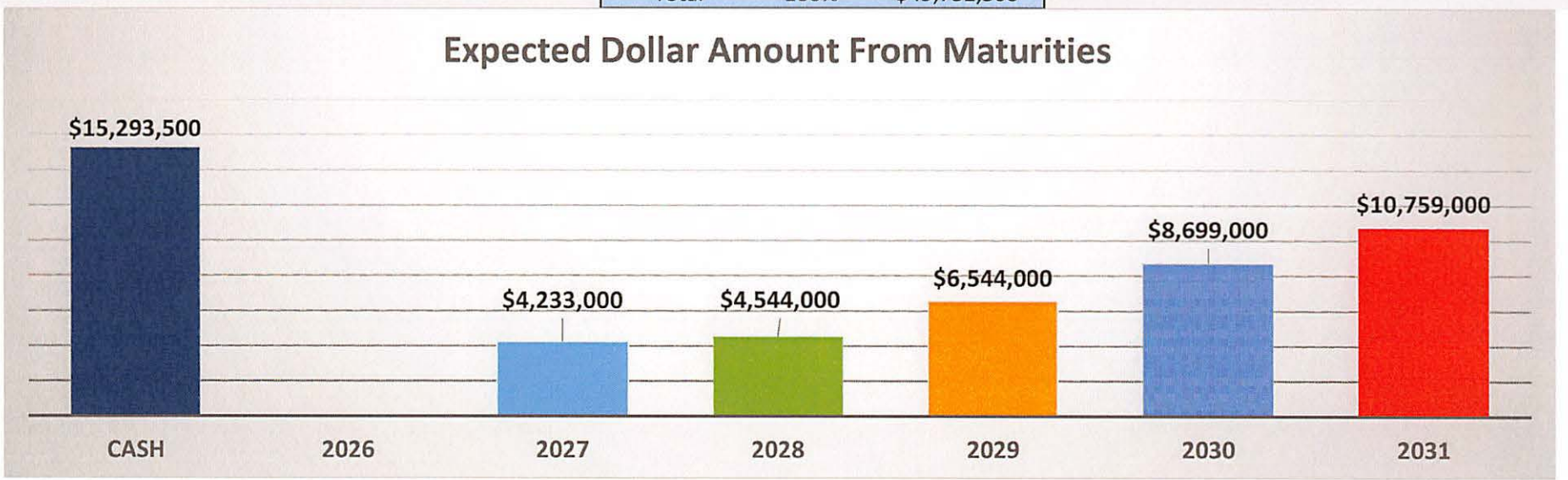
Byron Bethany ID

Bank of America (A1/A-/AA-)	CORP	$100.000	5.150%	$250,000	5.15%	$	12,875.00	8/12/2031	06055JTD1	8/12/2026	NC1yr-S/A
AMD Inc. (A1/A)	CORP	$100.450	5.000%	$320,000	4.90%	$	16,000.00	8/17/2031	007903BL0	8/18/2026	N/A
Poppy Bank	CD	$100.000	4.500%	$244,000	4.50%	$	10,980.00	9/11/2031	73319FED7	9/11/2026	N/A
Celtic Bank	CD	$100.000	4.500%	$249,000	4.50%	$	11,205.00	9/18/2031	15118R6R3	9/18/2026	N/A
FED HOME LOAN BANK	AG	$100.000	5.010%	$500,000	5.01%	$	25,050.00	9/29/2031	3130BC5F6	9/29/2026	NC1yr-Any
FREDDIE MAC	*AG*	*$99.780*	*5.000%*	*$500,000*	*5.05%*	*$*	*25,000.00*	*10/8/2031*	*3134HDAT4*	*10/8/2026*	*NC1yr-2X*
Total & Average				**$50,072,500**		**$**	**2,103,598.06**	**2.10 YRS**			

KING
CAPITAL ADVISORS

King Cap. Portfolio Yield		4.37%
King Cap. WAM Port. Only		3.24 YRS
Investment	**Avg Yield**	**Yr 1- Cash Flow**
$50,072,500	4.22%	$2,103,598
Asset Type	**Percent**	**AMT**
CASH	31%	$15,293,500
US Agency	24%	$12,092,000
CDs	20%	$10,102,000
CORP	23%	$11,665,000
MUNI	1%	$600,000
Total	100%	$49,752,500

Maturity	Amount	Pecentage
CASH	$15,293,500	31%
2026		0%
2027	$4,233,000	8%
2028	$4,544,000	9%
2029	$6,544,000	13%
2030	$8,699,000	17%
2031	$10,759,000	21%
WAM	2.10 YRS	100%



Byron-Bethany Irrigation District
Account Reconciliation
As of Sep 30, 2026
1003 - Cash-L.A.I.F. State Treasurer
Bank Statement Date: September 30, 2026

Filter Criteria includes: Report is printed in Detail Format.

Beginning GL Balance		1,688,729.98
Add: Cash Receipts		
Less: Cash Disbursements		
Add (Less) Other		
Ending GL Balance		1,688,729.98
Ending Bank Balance		1,688,729.98
Add back deposits in transit		
Total deposits in transit		
(Less) outstanding checks		
Total outstanding checks		
Add (Less) Other		
Total other		
Unreconciled difference		0.00
Ending GL Balance		1,688,729.98

Official website of the State of California

State of California
Office of the
State Treasurer

LAIF Monthly Statements

LAIF Monthly Statement

BYRON BETHANY IRRIGATION DISTRICT
SECRETARY
7995 BRUNS ROAD
BYRON, CA 94514

LAIF Account #:
September 2026 Statement

No transactions were found for this reporting period.

Account Summary

Beginning Balance:	1,688,729.98
Total Deposit:	0.00
Total Withdrawal:	0.00
Ending Balance:	1,688,729.98

Byron-Bethany Irrigation District
Account Reconciliation
As of Sep 30, 2026
1002 - CAMP - CA Asset Mngmnt Program
Bank Statement Date: September 30, 2026

Filter Criteria includes: Report is printed in Detail Format.

Beginning GL Balance		12,444,992.73
Add: Cash Receipts		
Less: Cash Disbursements		
Add (Less) Other		(960,658.97)
Ending GL Balance		11,484,333.76
Ending Bank Balance		11,484,333.76
Add back deposits in transit		
Total deposits in transit		
(Less) outstanding checks		
Total outstanding checks		
Add (Less) Other		
Total other		
Unreconciled difference		0.00
Ending GL Balance		11,484,333.76

CAMP®

Account Statement

For the Month Ending **September 30, 2026**

Byron Bethany Irrigation District - Byron Bethany Irrigation District -

Trade Date	Settlement Date	Transaction Description	Share or Unit Price	Dollar Amount of Transaction	Total Shares Owned
CAMP Pool					
Opening Balance					**12,444,992.73**
09/29/26	09/29/26	Redemption - ACH Redemption	1.00	(1,000,000.00)	11,444,992.73
09/30/26	10/01/26	Accrual Income Div Reinvestment - Distributions	1.00	39,341.03	11,484,333.76
Closing Balance					**11,484,333.76**

	Month of September	Fiscal YTD January-September
Opening Balance	12,444,992.73	15,824,333.30
Purchases	39,341.03	5,160,000.46
Redemptions (Excl. Checks)	(1,000,000.00)	(9,500,000.00)
Check Disbursements	0.00	0.00
Closing Balance	**11,484,333.76**	**11,484,333.76**
Cash Dividends and Income	39,341.03	460,000.46

Closing Balance	11,484,333.76
Average Monthly Balance	12,379,637.43
Monthly Distribution Yield	3.87%

Byron-Bethany Irrigation District
Account Reconciliation
As of Sep 30, 2026
1080 - Petty Cash
Bank Statement Date: September 30, 2026

Filter Criteria includes: Report is printed in Detail Format.

Beginning GL Balance		87.00
Add: Cash Receipts		
Less: Cash Disbursements		
Add (Less) Other		93.60
Ending GL Balance		180.60
Ending Bank Balance		180.60
Add back deposits in transit		
Total deposits in transit		
(Less) outstanding checks		
Total outstanding checks		
Add (Less) Other		
Total other		
Unreconciled difference		0.00
Ending GL Balance		180.60

Byron Bethany Irrigation District
Petty Cash Reconciliation

Beg. Balance
$87.00

Date	Description	Debit	Credit	GL	Running Balance
9/1/2026	Petty Cash	113.00		1080	$200.00
9/7/2026	Home Depot - Materials		19.40	4372	$180.60
					$180.60

urrency on Hand		Quantity	Total
$0.01	x	15	0.15
$0.05	x	47	2.35
$0.10	x	31	3.10
$0.25	x	20	5.00
$1.00	x		-
$1.00	x	25	25.00
$5.00	x	5	25.00
$10.00	x		-
$20.00	x	1	20.00
$50.00	x		-
$100.00	x	1	100.00
tal Cash on Hand			180.60

Prepared By: Julia Gavrilenko — Checked By: Ilona Malgorzata Ruiz

Date: 10/8/2026 — Date: 10/8/2026 Ilona Ruiz

Approved By:

Date:

AGENDA ITEM NO. 3

Byron-Bethany Irrigation District
Check Register
For the Period From Sep 1, 2026 to Sep 30, 2026

Filter Criteria includes: Report order is by Date.

Check #	Date	Payee	Cash Ac	Amount
48650	9/1/26	AT&T	1010C	48.50
48651	9/1/26	Bill's Mower and Saw	1010C	114.55
48652	9/1/26	Brentwood Ace Hardware	1010C	293.22
48653	9/1/26	American Chevrolet	1010C	1,739.82
48654	9/1/26	City of Brentwood	1010C	828.62
48655	9/1/26	City of Tracy	1010C	166.16
48656	9/1/26	Co Occupational Medical Partners	1010C	85.00
48657	9/1/26	CoreLogic Solutions, LLC	1010C	297.00
48658	9/1/26	IMS Consulting	1010C	6,960.00
48659	9/1/26	Delta Cable & Supply, Inc.	1010C	443.74
48660	9/1/26	Christian Denney	1010C	1,560.00
48661	9/1/26	ECCO Equipment Company, LLC	1010C	5,953.50
48662	9/1/26	Exponent, Inc.	1010C	3,005.00
48663	9/1/26	Fruit Growers Laboratory Inc.	1010C	964.00
48664	9/1/26	Hobo Data Loggers	1010C	1,864.35
48665	9/1/26	Home Depot Credit Services	1010C	621.56
48666	9/1/26	Irrigation Resources Linden	1010C	1,477.05
48667	9/1/26	Lingo	1010C	197.79
48668	9/1/26	McCauley Ag Services	1010C	76.00
48669	9/1/26	N&S Tractor	1010C	630.85
48670	9/1/26	CENCAL Auto & Truck Parts Inc.	1010C	1,696.46
48671	9/1/26	Pape Machinery	1010C	459.81
48672	9/1/26	PDM Steel Service Centers, Inc	1010C	829.76
48673	9/1/26	Petty Cash	1010C	113.00
48674	9/1/26	Pacific Gas & Electric 4120	1010C	4,350.49
48675	9/1/26	Plus IT, Inc.	1010C	1,061.25
48676	9/1/26	Provost & Prichard Consulting Group	1010C	4,040.80
48677	9/1/26	Ramos Oil Co., Inc.	1010C	13,203.37
48678	9/1/26	Target Specialty Products	1010C	24,264.85
48679	9/1/26	Dornoch Inc.	1010C	77.94
48680	9/1/26	Wagner & Bonsignore CCE	1010C	1,530.00
48681	9/1/26	UniFirst Corporation	1010C	840.24

Byron-Bethany Irrigation District
Check Register
For the Period From Sep 1, 2026 to Sep 30, 2026

Filter Criteria includes: Report order is by Date.

Check #	Date	Payee	Cash Ac	Amount
48682	9/1/26	J-COMM Inc	1010C	14,000.00
48683	9/1/26	Pitney Bowes Global Financial Svcs, LLC	1010C	182.54
48684	9/1/26	Rossana Talavera	1010C	785.00
48649	9/2/26	Central Valley Community Bank	1010C	14,317.47
48685	9/14/26	AT & T Mobility	1010C	160.32
48686	9/14/26	Avitec Bird Control Inc.	1010C	375.00
48687	9/14/26	Bay Alarm Company	1010C	863.46
48688	9/14/26	California Advocates	1010C	7,500.00
48689	9/14/26	Camp Engineering	1010C	24,031.25
48690	9/14/26	California Welding Supply	1010C	527.85
48691	9/14/26	American Chevrolet	1010C	51.73
48692	9/14/26	Co Occupational Medical Partners	1010C	195.00
48693	9/14/26	Crane Spec Inc.	1010C	1,100.00
48694	9/14/26	Creative Outdoor Environments, Inc.	1010C	1,495.00
48695	9/14/26	IMS Consulting	1010C	2,175.00
48696	9/14/26	Tracy Delta Solid Waste Management, Inc	1010C	1,112.57
48697	9/14/26	Christian Denney	1010C	1,270.00
48698	9/14/26	Downey Brand	1010C	220,339.63
48699	9/14/26	ECCO Equipment Company, LLC	1010C	1,250.00
48700	9/14/26	Foley & Lardner LLP	1010C	8,000.00
48701	9/14/26	Hazen & Sawyer	1010C	93,239.36
48702	9/14/26	Mizuno Consulting, Inc.	1010C	1,875.00
48703	9/14/26	Pacific Gas & Electric 2085	1010C	16,165.84
48704	9/14/26	Pacific Gas & Electric WSSA	1010C	68.43
48705	9/14/26	Plus IT, Inc.	1010C	312.50
48706	9/14/26	Stericycle, Inc.	1010C	514.11
48707	9/14/26	San Luis Delta Mendota Water Authority	1010C	17,758.00
48708	9/14/26	United Rentals (North America), Inc.	1010C	2,608.95
48709	9/14/26	United Safety Standard	1010C	995.00
48710	9/14/26	Weist Law	1010C	4,950.00
48711	9/14/26	Wienhoff Drug Testing	1010C	85.00
48712	9/14/26	ACWA Joint Powers Insurance Authority	1010C	58,140.38

Byron-Bethany Irrigation District
Check Register
For the Period From Sep 1, 2026 to Sep 30, 2026

Filter Criteria includes: Report order is by Date.

Check #	Date	Payee	Cash Ac	Amount
48713	9/14/26	AT & T Mobility	1010C	669.51
48714	9/14/26	Somach, Simmons & Dunn	1010C	7,125.99
48715	9/15/26	Quality Communications	1010C	462.95
48716	9/15/26	Rossana Talavera	1010C	600.00
48716V	9/28/26	Rossana Talavera	1010C	-600.00
Total				**584,497.52**

Byron-Bethany Irrigation District
Purchase Journal
For the Period From Sep 1, 2026 to Sep 30, 2026

Date	Invoice/CM #	Line Description	Debit Amount	Credit Amount
9/1/26	00298618-00	Physical DOT Joe Padilla; 8/31/26	195.00	
9/1/26	00298618-00	Co Occupational Medical Partners		195.00
9/1/26	09-26-504	Professional Legal Service - Curtailments August 2026	2,040.00	
9/1/26	09-26-504	Wagner & Bonsignore CCE		2,040.00
9/1/26	09012026	SJC Recorders - Lien Release Fees	41.00	
9/1/26	09012026	PWRPA Board Meeting & SLDMWA Tour Lunch	72.00	
9/1/26	09012026	Petty Cash		113.00
9/1/26	09012026	Janitorial Fee For: 8/28, 9/1/26	600.00	
9/1/26	09012026	Janitorial Fee For: 8/27/26 (Modular Home)	125.00	
9/1/26	09012026	Fridge Cleaning	60.00	
9/1/26	09012026	Rossana Talavera		785.00
9/1/26	09012026	O&M Intern General Labor 8/17/26 - 8/28/26	1,560.00	
9/1/26	09012026	Christian Denney		1,560.00
9/1/26	090126	Communications, Outreach and Public Affairs for August 2026	4,900.00	
9/1/26	090126	Website Services for August 2026	2,100.00	
9/1/26	090126	J-COMM Inc		7,000.00
9/1/26	145243	Vehicle Repair and Maintenance - Spark Plug, Coil Asy & Gasket	682.62	
9/1/26	145243	Dornoch Inc.		682.62
9/1/26	148807	Vehicle Repair and Maintenance - Battery & Windshield Wash for Unit #20-09	213.72	
9/1/26	148807	CENCAL Auto & Truck Parts Inc.		213.72
9/1/26	2026Benefits0710267	October 2026		
9/1/26	2026Benefits0710267	ALV01 - Director Health Benefits	2,280.94	
9/1/26	2026Benefits0710267	ALV01 - Director Dental Benefits	70.90	
9/1/26	2026Benefits0710267	ALV01 - Director Vision Benefits	18.56	
9/1/26	2026Benefits0710267	ALV01 - Director Life Benefits	9.50	
9/1/26	2026Benefits0710267	ALV01 - Director Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	ARR01 - O&M Health Benefits	966.96	
9/1/26	2026Benefits0710267	ARR01 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	ARR01 - O&M Vision Benefits	18.56	
9/1/26	2026Benefits0710267	ARR01 - O&M Life Benefits	12.64	
9/1/26	2026Benefits0710267	AR01 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	CER01 - O&M Health Benefits	966.96	
9/1/26	2026Benefits0710267	CER01 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	CER01 - O&M Vision Benefits	18.56	
9/1/26	2026Benefits0710267	CER01 - O&M Life Benefits	41.33	
9/1/26	2026Benefits0710267	CER01 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	DAV01 - O&M Health Benefits	966.96	
9/1/26	2026Benefits0710267	DAV01 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	DAV01 - O&M Vision Benefits	18.56	
9/1/26	2026Benefits0710267	DAV01 - O&M Life Benefits	15.23	
9/1/26	2026Benefits0710267	DAV01 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	FAR01 - O&M Health Benefits	1,710.70	
9/1/26	2026Benefits0710267	FAR01 - O&M Health Benefits Liability	570.24	
9/1/26	2026Benefits0710267	FAR01 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	FAR01 - O&M Dental Benefits Liability	37.21	
9/1/26	2026Benefits0710267	FAR01 - O&M Vision Benefits	18.56	
9/1/26	2026Benefits0710267	FAR01 - O&M Life Benefits	69.90	
9/1/26	2026Benefits0710267	FAR01 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	GAV01 - Admin Health Benefits	966.96	
9/1/26	2026Benefits0710267	GAV01 - Admin Dental Benefits	33.69	

Byron-Bethany Irrigation District
Purchase Journal
For the Period From Sep 1, 2026 to Sep 30, 2026

Date	Invoice/CM #	Line Description	Debit Amount	Credit Amount
9/1/26	2026Benefits0710267	GAV01 - Admin Dental Benefits Liability	98.34	
9/1/26	2026Benefits0710267	GAV01 - Admin Vision Benefits	18.56	
9/1/26	2026Benefits0710267	GAV01 - Admin Life Benefits	34.00	
9/1/26	2026Benefits0710267	GAV01 - Admin Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	RUI01 - Admin Health Benefits	966.96	
9/1/26	2026Benefits0710267	RUI01 - Admin Dental Benefits Liability	98.34	
9/1/26	2026Benefits0710267	RUI01 - Admin Dental Benefits	33.69	
9/1/26	2026Benefits0710267	RUI01 - Admin Vision Benefits	18.56	
9/1/26	2026Benefits0710267	RUI01 - Admin Life Benefits	15.23	
9/1/26	2026Benefits0710267	RUI01 - Admin Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	MAG10 - Director Health Benefits	3,022.25	
9/1/26	2026Benefits0710267	MAG10 - Director Dental Benefits	132.03	
9/1/26	2026Benefits0710267	MAG10 - Director Vision Benefits	18.56	
9/1/26	2026Benefits0710267	MAG10 - Director Life Benefits	9.50	
9/1/26	2026Benefits0710267	MAG10 - Director Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	MAG11 - Director Health Benefits	1,140.47	
9/1/26	2026Benefits0710267	MAG11 - Director Dental Benefits	70.90	
9/1/26	2026Benefits0710267	MAG11 - Director Vision Benefits	18.56	
9/1/26	2026Benefits0710267	MAG11 - Director Life Benefits	9.77	
9/1/26	2026Benefits0710267	MAG11 - Director Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	MAR01 - O&M Health Benefits	2,210.16	
9/1/26	2026Benefits0710267	MAR01 - O&M Health Benefits Liability	736.72	
9/1/26	2026Benefits0710267	MAR01 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	MAR01 - O&M Dental Benefits Liability	37.21	
9/1/26	2026Benefits0710267	MAR01 - O&M Vision Benefits	18.56	
9/1/26	2026Benefits0710267	MAR01 - O&M Life Benefits	72.00	
9/1/26	2026Benefits0710267	MAR01 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	MAR02 - O&M Health Benefits	1,473.44	
9/1/26	2026Benefits0710267	MAR02 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	MAR02 - O&M Dental Benefits Liability	98.34	
9/1/26	2026Benefits0710267	MAR02 - O&M Vision Benefits	18.56	
9/1/26	2026Benefits0710267	MAR02 - O&M Life Benefits	13.41	
9/1/26	2026Benefits0710267	MAR02 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	MEH01 - O&M Health Benefits	1,473.44	
9/1/26	2026Benefits0710267	MEH01 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	MEH01 - O&M Vision Benefits	18.56	
9/1/26	2026Benefits0710267	MEH01 - O&M Life Benefits	104.00	
9/1/26	2026Benefits0710267	MEH01 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	Mizuno - Admin Health Benefits	1,140.47	
9/1/26	2026Benefits0710267	Mizuno - Admin Dental Benefits	33.69	
9/1/26	2026Benefits0710267	Mizuno - Admin Vision Benefits	18.56	
9/1/26	2026Benefits0710267	Mizuno - Admin Life Benefits	26.00	
9/1/26	2026Benefits0710267	Mizuno - Admin Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	NAV01 - O&M Health Benefits	1,473.44	
9/1/26	2026Benefits0710267	NAV01 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	NAV01 - O&M Vision Benefits	18.56	
9/1/26	2026Benefits0710267	NAV01 - O&M Life Benefits	22.52	
9/1/26	2026Benefits0710267	NAV01 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	ORO01 - O&M Health Benefits	1,827.55	
9/1/26	2026Benefits0710267	ORO01 - O&M Health Benefits Liability	860.60	
9/1/26	2026Benefits0710267	ORO01 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	ORO01 - O&M Dental Benefits Liability	98.34	
9/1/26	2026Benefits0710267	ORO01 - O&M Vision Benefits	18.56	

Byron-Bethany Irrigation District
Purchase Journal
For the Period From Sep 1, 2026 to Sep 30, 2026

Date	Invoice/CM #	Line Description	Debit Amount	Credit Amount
9/1/26	2026Benefits0710267	ORO01 - O&M Life Benefits	18.00	
9/1/26	2026Benefits0710267	ORO01 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	Padilla - O&M Health Benefits	1,140.47	
9/1/26	2026Benefits0710267	Padilla - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	Padilla - O&M Vision Benefits	18.56	
9/1/26	2026Benefits0710267	Padilla - O&M Life Benefits	12.64	
9/1/26	2026Benefits0710267	Padilla - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	PAT01 - Admin Health Benefits	2,081.36	
9/1/26	2026Benefits0710267	PAT01 - Admin Health Benefits Liability	940.89	
9/1/26	2026Benefits0710267	PAT01 - Admin Dental Benefits	33.69	
9/1/26	2026Benefits0710267	PAT01 - Admin Dental Benefits Liability	98.34	
9/1/26	2026Benefits0710267	PAT01 - Admin Vision Benefits	18.56	
9/1/26	2026Benefits0710267	PAT01 - Admin Life Benefits	104.00	
9/1/26	2026Benefits0710267	PAT01 - Admin Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	PER01 - Director Health Benefits	1,140.47	
9/1/26	2026Benefits0710267	PER01 - Director Dental Benefits	33.69	
9/1/26	2026Benefits0710267	PER01 - Director Vision Benefits	18.56	
9/1/26	2026Benefits0710267	PER01 - Director Life Benefits	7.10	
9/1/26	2026Benefits0710267	PER01 - Director Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	PET10 - Director Health Benefits	1,140.47	
9/1/26	2026Benefits0710267	PET10 - Director Dental Benefits	70.90	
9/1/26	2026Benefits0710267	PET10 - Director Vision Benefits	18.56	
9/1/26	2026Benefits0710267	PET10 - Director Life Benefits	10.25	
9/1/26	2026Benefits0710267	PET10 - Director Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	RES01 - O&M Health Benefits	966.96	
9/1/26	2026Benefits0710267	RES01 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	RES01 - O&M Vision Benefits	18.56	
9/1/26	2026Benefits0710267	RES01 - O&M Life Benefits	26.00	
9/1/26	2026Benefits0710267	RES01 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	SHA01 - Admin Health Benefits	1,827.55	
9/1/26	2026Benefits0710267	SHA01 - Admin Health Benefits Liability	860.60	
9/1/26	2026Benefits0710267	SHA01 - Admin Dental Benefits	33.69	
9/1/26	2026Benefits0710267	SHA01 - Admin Dental Benefits Liability	98.34	
9/1/26	2026Benefits0710267	SHA01 - Admin Vision Benefits	18.56	
9/1/26	2026Benefits0710267	SHA01 - Admin Supplemental Life Benefits Liability	130.00	
9/1/26	2026Benefits0710267	SHA01 - Admin Life Benefits	152.00	
9/1/26	2026Benefits0710267	SHA01 - Admin Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	CLA01 - O&M Health Benefits	1,450.44	
9/1/26	2026Benefits0710267	CLA01 - O&M Health Benefits Liability	483.48	
9/1/26	2026Benefits0710267	CLA01 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	CLA01 - O&M Dental Benefits Liability	37.21	
9/1/26	2026Benefits0710267	CLA01 - O&M Vision Benefits	18.56	
9/1/26	2026Benefits0710267	CLA01 - O&M Life Benefits	30.16	
9/1/26	2026Benefits0710267	CLA01 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	TUS15 - Director Health Benefits	2,280.94	
9/1/26	2026Benefits0710267	TUS15 - Director Dental Benefits	70.90	
9/1/26	2026Benefits0710267	TUS15 - Director Vision Benefits	18.56	
9/1/26	2026Benefits0710267	TUS15 - Director Life Benefits	9.77	
9/1/26	2026Benefits0710267	TUS15 - Director Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	VAZ01 - O&M Health Benefits	1,827.55	
9/1/26	2026Benefits0710267	VAZ01 - O&M Health Benefits Liability	860.60	
9/1/26	2026Benefits0710267	VAZ01 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	VAZ01 - O&M Dental Benefits Liability	98.34	

Byron-Bethany Irrigation District
Purchase Journal
For the Period From Sep 1, 2026 to Sep 30, 2026

Date	Invoice/CM #	Line Description	Debit Amount	Credit Amount
9/1/26	2026Benefits0710267	VAZ01 - O&M Vision Benefits	18.56	
9/1/26	2026Benefits0710267	VAZ01 - O&M Life Benefits	48.00	
9/1/26	2026Benefits0710267	VAZ01 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	VEG01 - O&M Health Benefits	1,827.55	
9/1/26	2026Benefits0710267	VEG01 - O&M Health Benefits Liability	860.60	
9/1/26	2026Benefits0710267	VEG01 - O&M Dental Benefits	33.69	
9/1/26	2026Benefits0710267	VEG01 - O&M Dental Benefits Liability	98.34	
9/1/26	2026Benefits0710267	VEG01 - Admin Vision Benefits	18.56	
9/1/26	2026Benefits0710267	VEG01 - O&M Life Benefits	34.00	
9/1/26	2026Benefits0710267	VEG01 - O&M Employee Assistance Program	2.48	
9/1/26	2026Benefits0710267	Bedford - Retiree Health Benefits	1,114.90	
9/1/26	2026Benefits0710267	Carson - Retiree Health Benefits	557.45	
9/1/26	2026Benefits0710267	Griffith - Retiree Health Benefits	1,140.47	
9/1/26	2026Benefits0710267	KAG01 - Retiree Health Benefits	557.45	
9/1/26	2026Benefits0710267	Kleinert - Retiree Health Benefits	1,114.90	
9/1/26	2026Benefits0710267	Kopp - Retiree Health Benefits	557.45	
9/1/26	2026Benefits0710267	Martinez - Retiree Health Benefits	1,114.90	
9/1/26	2026Benefits0710267	Pombo - Retiree Health Benefits	1,697.92	
9/1/26	2026Benefits0710267	Serpa - Retiree Health Benefits	1,140.47	
9/1/26	2026Benefits0710267	Shoemaker - Retiree Health Benefits	557.45	
9/1/26	2026Benefits0710267	Zahn - Retiree Health Benefits	557.45	
9/1/26	2026Benefits0710267	Petz - COBRA Dental	33.69	
9/1/26	2026Benefits0710267	ACWA Joint Powers Insurance Authority		58,140.38
9/1/26	23178320	Monitoring Fee - Fire & Sprinkler Inspection Services 10/1/26 - 12/31/2026	863.46	
9/1/26	23178320	Bay Alarm Company		863.46
9/1/26	242253	Managed Services for 2026 - 22 PkC/Laptop, 3 Servers	623.75	
9/1/26	242253	Plus IT, Inc.		623.75
9/1/26	2631277	Landscape Grounds Maintenance for the period of: September 2026 - WSSA Office	375.00	
9/1/26	2631277	Creative Outdoor Environments, Inc.		375.00
9/1/26	2631278	Landscape Grounds Maintenance for the period of: September 2026	1,120.00	
9/1/26	2631278	Creative Outdoor Environments, Inc.		1,120.00
9/1/26	26586	Fees for Professional Legal Services September 2026	7,500.00	
9/1/26	26586	California Advocates		7,500.00
9/1/26	30798199	Garbage Service WSSA - Service address: 20100 Wicklund, Tracy, CA - September 2026	176.82	
9/1/26	30798199	DHQ Refuse Service Provided - 20Y Rolloff & Waste Disposal on 8/21/26 - Service address: 7995 Bruns Road, Byron, CA	935.75	
9/1/26	30798199	Tracy Delta Solid Waste Management, Inc		1,112.57
9/1/26	61580	Remote Service - VPN Storm Issues	187.50	
9/1/26	61580	Plus IT, Inc.		187.50
9/1/26	829215163X090926	Mobile Data plan & Usage for the Period: 8/2/2026 - 9/1/2026 WSSA, Account #829215163	160.32	
9/1/26	829215163X090926	AT & T Mobility		160.32
9/2/26	141202	Add to program - Joseph Padilla	85.00	
9/2/26	141202	Wienhoff Drug Testing		85.00
9/2/26	8300	BBID Litigation Support - August 2026	1,575.00	
9/2/26	8300	Zanjero, Inc.		1,575.00
9/3/26	0337388	Clear Diesel ($6.547 per gallon)	1,334.38	
9/3/26	0337388	Ramos Oil Co., Inc.		1,334.38

Byron-Bethany Irrigation District
Purchase Journal
For the Period From Sep 1, 2026 to Sep 30, 2026

Date	Invoice/CM #	Line Description	Debit Amount	Credit Amount
9/3/26	09032026	Pacific Gas & Electric Charges Account #4159610850-0 7/29/2026 - 8/27/2026	68.43	
9/3/26	09032026	Pacific Gas & Electric WSSA		68.43
9/3/26	148942	Vehicle Repair and Maintenance - Fuel Line Hose & Carb Cleaner	32.12	
9/3/26	148942	CENCAL Auto & Truck Parts Inc.		32.12
9/3/26	2026-M155	Annual Compliance Report for the fiscal year period ended December 31, 2025	4,950.00	
9/3/26	2026-M155	Weist Law		4,950.00
9/3/26	2360279562	Weekly Uniform Service for the week ending 9/3/2026	208.15	
9/3/26	2360279562	UniFirst Corporation		208.15
9/3/26	258BBID0826	PWRPA - ASA Power for the Period of August 2026	38,115.63	
9/3/26	258BBID0826	PWRPA P3 - Funding for the Period of August 2026	1,086.30	
9/3/26	258BBID0826	PWRPA		39,201.93
9/3/26	4856	Annual Crane Inspection - Unit #83-14 & #92-20	1,100.00	
9/3/26	4856	Crane Spec Inc.		1,100.00
9/4/26	0337578	Unleaded ($4.615 per gallon)	1,947.94	
9/4/26	0337578	Ramos Oil Co., Inc.		1,947.94
9/4/26	236985	Purchase for Station Maintenance - Leaf Rake & Pool Pole	66.53	
9/4/26	236985	Brentwood Ace Hardware		66.53
9/4/26	236993	DHQ Maintenance Supplies - Batteries & Shock/Chemicals for Water Feature	92.54	
9/4/26	236993	Brentwood Ace Hardware		92.54
9/4/26	313801-0002	Rental of Excavator & Bucket for WSSA Drain Cleaning; Final Bill	1,250.00	
9/4/26	313801-0002	ECCO Equipment Company, LLC		1,250.00
9/4/26	51370470	Professional Services regarding Strategic Counseling - Services through August 31, 2026	8,000.00	
9/4/26	51370470	Foley & Lardner LLP		8,000.00
9/7/26	2026-8	Consulting Services for the period of: August 2026 - Water Rate Analysis & Development, Water Accounting & Payments, Water Transfers, Misc Support	1,875.00	
9/7/26	2026-8	Mizuno Consulting, Inc.		1,875.00
9/7/26	287253183134X091526	Mobile Data plan & Usage for the Period: 9/8/2026 - 10/7/2026; Account #287253183134	669.51	
9/7/26	287253183134X091526	AT & T Mobility		669.51
9/8/26	2026-050-08	Researched & worked on revising job descriptions - August 2026	2,175.00	
9/8/26	2026-050-08	IMS Consulting		2,175.00
9/8/26	26-24	On-Call Engineering Support per proposal issued 4/3/26	500.00	
9/8/26	26-24	Camp Engineering		500.00
9/8/26	26-25	Substation Design Document Development & Coordination with H&S team, and P&G Application Preparation	23,531.25	
9/8/26	26-25	Camp Engineering		23,531.25
9/9/26	17119327	Construction Maintenance Equipment Parts Unit #50-20; Axle Parts	3,331.24	
9/9/26	17119327	Pape Machinery		3,331.24
9/9/26	237111	General Maintenance & Repair Materials - Coupling & Hex Bush	16.81	
9/9/26	237111	Brentwood Ace Hardware		16.81
9/10/26	0340583	Unleaded ($4.669 per gallon)	1,581.74	

Byron-Bethany Irrigation District
Purchase Journal
For the Period From Sep 1, 2026 to Sep 30, 2026

Date	Invoice/CM #	Line Description	Debit Amount	Credit Amount
9/10/26	0340583	Ramos Oil Co., Inc.		1,581.74
9/10/26	118120	Filters	36.11	
9/10/26	118120	Q and M, Inc		36.11
9/10/26	134061	Engineering and/or Professional Services for the period of: August 2026 - District GIS Mapping WSSA	326.00	
9/10/26	134061	Provost & Prichard Consulting Group		326.00
9/10/26	2360281326	Weekly Uniform Service for the week ending 9/10/2026	219.11	
9/10/26	2360281326	UniFirst Corporation		219.11
9/10/26	237130	Vehicle Repair and Maintenance - Chargers & Spray Wax	56.72	
9/10/26	237130	Brentwood Ace Hardware		56.72
9/11/26	2901	Quarterly Pigeon Abatement	375.00	
9/11/26	2901	Avitec Bird Control Inc.		375.00
9/11/26	43888562	Contract Usage Charge for 10/1/2026 - 10/31/2026	477.51	
9/11/26	43888562	UBEO West LLC		477.51
9/11/26	631711	Professional Legal Services (Coordinated Petitions) - August 2026	162,126.32	
9/11/26	631711	Matter #46888.00001		
9/11/26	631711	Downey Brand		162,126.32
9/11/26	631712	Professional Legal Services (CVP Issues) - August 2026	4,252.50	
9/11/26	631712	Matter #46888.00003		
9/11/26	631712	Downey Brand		4,252.50
9/11/26	631713	Professional Legal Services (Edwards Annexation) - August 2026	145.50	
9/11/26	631713	Matter #46888.00006		
9/11/26	631713	Downey Brand		145.50
9/11/26	631714	Professional Legal Services (General Counsel) - August 2026	32,408.31	
9/11/26	631714	Matter #46888.00008		
9/11/26	631714	Downey Brand		32,408.31
9/11/26	631715	Professional Legal Services (Legislation) - August 2026	1,257.00	
9/11/26	631715	Matter #46888.00011		
9/11/26	631715	Downey Brand		1,257.00
9/11/26	631716	Professional Legal Services (Pacific Gateway) - August 2026	824.50	
9/11/26	631716	Matter #46888.00016		
9/11/26	631716	Downey Brand		824.50
9/11/26	631717	Professional Legal Services (Prologis) - August 2026	402.50	
9/11/26	631717	Matter #46888.00018		
9/11/26	631717	Downey Brand		402.50
9/11/26	631718	Professional Legal Services (Tracy Recycled Water Project) - August 2026	325.00	
9/11/26	631718	Matter #46888.00022		
9/11/26	631718	Downey Brand		325.00
9/11/26	631719	Professional Legal Services (DCP Water Rights Change Petition) - August 2026	3,906.50	
9/11/26	631719	Matter #46888.00028		
9/11/26	631719	Downey Brand		3,906.50
9/11/26	631720	Professional Legal Services (Wicklund Replacement) - August 2026	14,691.50	
9/11/26	631720	Matter #46888.00032		
9/11/26	631720	Downey Brand		14,691.50
9/11/26	94696	Parts for the Trash Pump	580.63	
9/11/26	94696	Hose Connection & Rubber Supply, Inc.		580.63

Byron-Bethany Irrigation District
Purchase Journal
For the Period From Sep 1, 2026 to Sep 30, 2026

Date	Invoice/CM #	Line Description	Debit Amount	Credit Amount
9/12/26	9793	Glass Replacement - Chevy Tahoe	1,090.56	
9/12/26	9793	Mike's Auto Glass		1,090.56
9/14/26	09142026	O&M Intern General Labor 8/31/26 - 9/11/26	1,270.00	
9/14/26	09142026	Christian Denney		1,270.00
9/14/26	134184	Engineering and/or Professional Services for the period of: - August 2026 - BBID One Year Water Transfer	203.20	
9/14/26	134184	Provost & Prichard Consulting Group		203.20
9/14/26	200001-0001	Rental of Excavator & Bucket for WSSA Drain Cleaning; Broken Lower Glass	326.00	
9/14/26	200001-0001	ECCO Equipment Company, LLC		326.00
9/14/26	3028330	Professional Legal Services (DCP Water Right Change Petition) - August 2026	7,125.99	
9/14/26	3028330	Somach, Simmons & Dunn		7,125.99
9/15/26	09152026	Janitorial Fee For: 9/8, 9/15, 9/22, & 9/26	1,200.00	
9/15/26	09152026	Rossana Talavera		1,200.00
9/15/26	221351	Service on Unit #23-21	1,536.66	
9/15/26	221351	Dornoch Inc.		1,536.66
9/15/26	59053	On-site Service - User Setup	375.00	
9/15/26	59053	Plus IT, Inc.		375.00
9/15/26	67799	Clean Truck Check Periodic Inspection Test; Unit #60-20, 91-16, 99-23	792.00	
9/15/26	67799	Fleet Crew		792.00
9/15/26	81233	Phase 1 - Site Inspection: Pilot UVC Aquatic Treatment of Golden Mussels at Pump Station	3,000.00	
9/15/26	81233	Inventive Resources, Inc.		3,000.00
9/15/26	81269	Golden Mussel UVC Pilot - Phase 2_	6,000.00	
9/15/26	81269	Inventive Resources, Inc.		6,000.00
9/15/26	BBID2609	Government Relations Services - September 15, 2026 - October 14, 2026	3,000.00	
9/15/26	BBID2609	Gavel Resources, LLC		3,000.00
9/15/26	INV-8110	Monthly Service Charge for DHQ Landlines - September 2026	462.95	
9/15/26	INV-8110	Quality Communications		462.95
9/16/26	0342732	Unleaded ($4.955 per gallon) Clear Diesel ($6.913 per gallon)	3,287.22	
9/16/26	0342732	Ramos Oil Co., Inc.		3,287.22
9/16/26	13766800	Monthly Pest Control Service at BBID: 9/16/2026	76.00	
9/16/26	13766800	McCauley Ag Services		76.00
9/16/26	13766811	Bi Monthly Pest Control Service: 9/16/2026 - 7777 Bruns Rd	80.00	
9/16/26	13766811	McCauley Ag Services		80.00
9/17/26	149578	Vehicle Repair and Maintenance - Air Conditioning Compressor for Unit #77-09	574.94	
9/17/26	149578	CENCAL Auto & Truck Parts Inc.		574.94
9/17/26	2360283281	Weekly Uniform Service for the week ending 9/17/2026	218.30	
9/17/26	2360283281	UniFirst Corporation		218.30
9/17/26	237318	Vehicle Repair and Maintenance - Hose Barb & Adapter	23.08	
9/17/26	237318	Brentwood Ace Hardware		23.08
9/17/26	34979039	Monthly Service Charge for DHQ Landlines (Account #412466572)	478.81	
9/17/26	34979039	Lingo		478.81
9/18/26	59063	Remote Service - Blocked Email	62.50	
9/18/26	59063	Plus IT, Inc.		62.50

Byron-Bethany Irrigation District
Purchase Journal
For the Period From Sep 1, 2026 to Sep 30, 2026

Date	Invoice/CM #	Line Description	Debit Amount	Credit Amount
9/18/26	8015441291	Shred It Service Dates: 8/31/26	169.75	
9/18/26	8015441291	Stericycle, Inc.		169.75
9/19/26	2879	Telephone Answering Service for: July - Sept 2026	522.00	
9/19/26	2879	All Bay Answering Service		522.00
9/21/26	09212026	Brush Cutter Blades for Weed Abatement	257.48	
9/21/26	09212026	Fuel & Respirator for Weed Abatement	151.39	
9/21/26	09212026	General Maintenance & Repair Materials - LED Tube for Lighting	151.51	
9/21/26	09212026	General Maintenance & Repair Materials - LED Tube for Lighting		151.51
9/21/26	09212026	Shovel & Poly Scoopy for Weed Abatement	107.63	
9/21/26	09212026	Shop Supplies - Galvenized Fence Line and Cleaning Supplies	326.21	
9/21/26	09212026	Fuel for Weed Abatement	27.57	
9/21/26	09212026	Home Depot Credit Services		870.28
9/21/26	59066	Remote Service - Website Issue	250.00	
9/21/26	59066	Plus IT, Inc.		250.00
9/21/26	72427571	Utility Services for WSSA	203.56	
9/21/26	72427571	Account #2004100 - 5023784		
9/21/26	72427571	City of Tracy		203.56
9/22/26	0088954-IN	Annual flow meters calibration/verification service 2026	2,450.00	
9/22/26	0088954-IN	Tesco Controls, LLC		2,450.00
9/23/26	00094860	Aquatic Treatment of Golden Mussels at Pump Station - Pilot Project 2	338.41	
9/23/26	00094860	Hose Connection & Rubber Supply, Inc.		338.41
9/23/26	134717	Engineering and/or Professional Services for the period of: August 2026 - BBID Ag Water Management Plan	773.70	
9/23/26	134717	Provost & Prichard Consulting Group		773.70
9/23/26	59074	Remote Service - Website Issue	62.50	
9/23/26	59074	Plus IT, Inc.		62.50
9/24/26	221677	Service on Unit #77-09	1,245.12	
9/24/26	221677	Dornoch Inc.		1,245.12
9/24/26	2360285030	Weekly Uniform Service for the week ending 9/24/2026	272.71	
9/24/26	2360285030	UniFirst Corporation		272.71
9/24/26	647179	Professional Legal Services through August 28, 2026 - BBID Water Rights Consulting; Project #: 2101802.000	4,705.00	
9/24/26	647179	Exponent, Inc.		4,705.00
9/24/26	647182	Professional Legal Services through August 28, 2026 - BBID/SWRCB 2021 Curtailment Cases; Project #: 2505438.000	6,365.00	
9/24/26	647182	Exponent, Inc.		6,365.00
9/25/26	106124	Dutra Gates, Lewis Gates, and 'Y' Gate - Epoxy coated	184,188.20	
9/25/26	106124	Rubicon Systems America, Inc.		184,188.20
9/25/26	23231426	Service Call, Clean Zones	225.00	
9/25/26	23231426	Bay Alarm Company		225.00
9/25/26	SW030145322	Replace Lift Pump on XQ80 Generator	2,574.53	
9/25/26	SW030145322	Holt of California		2,574.53
9/25/26	SW030145322(2)	Replace Lift Pump on XQ80 Generator; Difference	131.61	
9/25/26	SW030145322(2)	Holt of California		131.61
9/27/26	34987887	Monthly Service Charge for 490 Hoffman Line (Account #412466573) 9/27/2026 - 10/26/2026	198.09	
9/27/26	34987887	Lingo		198.09

Byron-Bethany Irrigation District
Purchase Journal
For the Period From Sep 1, 2026 to Sep 30, 2026

Date	Invoice/CM #	Line Description	Debit Amount	Credit Amount
9/28/26	09282026	Pacific Gas & Electric Charges Account #4120785230 Irrigation Pump-Walnuts for Service Period 8/20/2026 to 9/20/2026	22.05	
9/28/26	09282026	Pacific Gas & Electric Charges Account #4120100230 WO DM C OTL	22.05	
9/28/26	09282026	Pacific Gas & Electric Charges Account #4120785189 Spatafore AT DM C & Lammers Rd	218.19	
9/28/26	09282026	Pacific Gas & Electric Charges Account #4120785354 Tatla MP19.15 Chrisman Road	3,505.99	
9/28/26	09282026	Pacific Gas & Electric Charges Account #4129023266 Delta Mendota Canal	29.30	
9/28/26	09282026	Pacific Gas & Electric Charges Account #412684479 Pumping Cost for Well on Corral Hollow	373.67	
9/28/26	09282026	Pacific Gas & Electric 4120		4,171.25
9/28/26	09282026	Adobe - Monthly Adobe Subscription	24.98	
9/28/26	09282026	Microsoft Subscription	196.95	
9/28/26	09282026	SiriusXM	63.97	
9/28/26	09282026	Mister Car Wash	32.99	
9/28/26	09282026	Directv - Satellite Service for the period 8/28/2025 - 9/27/2025	144.99	
9/28/26	09282026	Column Public Notice - Public Hearing Notice	117.33	
9/28/26	09282026	SLDMWA Tour & Lunch - Chef's Store, Safeway, Costco, Grocery Outlet	1,540.94	
9/28/26	09282026	Ubeo - Contract Usage Charge for 3/1/2026 - 5/31/2026	33.37	
9/28/26	09282026	Super Mac - Fuel	125.00	
9/28/26	09282026	La Plaza Taqueria - WAPA Power Outage	71.61	
9/28/26	09282026	Midori - Admin Meeting	48.20	
9/28/26	09282026	Trader Joe's - SJ County Grand Jury Meeting	61.20	
9/28/26	09282026	Costco, Trader Joe's, Walmart, Safeway - 9/15/26 Board Meeting	600.06	
9/28/26	09282026	ACWA Region 10 Event - Ed & Brad	1,803.62	
9/28/26	09282026	Washington DC Trip - Ed	4,339.82	
9/28/26	09282026	Hyatt - Ed's Trip to Colorado - USBR Sisk Dam project	351.22	
9/28/26	09282026	Red Light Violation	210.00	
9/28/26	09282026	Safeway - Staff Lunch	82.41	
9/28/26	09282026	Qualified Applicator License Application - Vega	525.00	
9/28/26	09282026	Tractor Supply - Canal Gates Maintenance	117.40	
9/28/26	09282026	O'Reilly Auto Parts, Buysinopec.com, Harbor Freight, Amazon - Shop Supplies	2,204.67	
9/28/26	09282026	Harbor Freight -	22.16	
9/28/26	09282026	eBay - Presuure Washer Switch	51.07	
9/28/26	09282026	eBay, Rexel - VFD Fans	1,531.47	
9/28/26	09282026	Trailer Parts Out - 50Y Trailer Tires	1,643.50	
9/28/26	09282026	Costco - Janitirial Supplies	110.47	
9/28/26	09282026	Amazon.com - Bottled Water	869.68	
9/28/26	09282026	Amazon.com, Half Off Ponds - Aquatic Treatment of Golden Mussels at Pump Station Pilot Project 2	2,480.73	
9/28/26	09282026	Amazon.com - CR 1025 Batteries	10.32	
9/28/26	09282026	Amazon.com - Rodent Control	71.08	
9/28/26	09282026	Amazon.com - Rechargeable 4V Screwdrivers	97.86	
9/28/26	09282026	Amazon.com - Battery backup for the Server Room, Compressed Air Duster	1,040.16	
9/28/26	09282026	Amazon.com - Ballast, Ceiling Tiles	184.21	

Byron-Bethany Irrigation District
Purchase Journal
For the Period From Sep 1, 2026 to Sep 30, 2026

Date	Invoice/CM #	Line Description	Debit Amount	Credit Amount
9/28/26	09282026	Amazon.com - Respirator with Filters	79.51	
9/28/26	09282026	Amazon.com - Replacement Batteries	570.30	
9/28/26	09282026	Amazon.com - Gym Items (JPIA 2026 Wellness Grant)	326.23	
9/28/26	09282026	Amazon.com - Fluorescent Tube Light Bulb	256.87	
9/28/26	09282026	Amazon.com - Parts for the Ditch Witch	26.10	
9/28/26	09282026	Amazon.com - Toner Cartridge	113.25	
9/28/26	09282026	Amazon.com - Charging Station for Multiple Devices, Charges	84.68	
9/28/26	09282026	Amazon.com - Drone Quadcopter, Mini HDMI to HDMI Cable	930.73	
9/28/26	09282026	Amazon.com - Air Conditioner with Remote Control, Fluorescent Light Bulb	324.21	
9/28/26	09282026	Amazon.com - Hex Dogging Key	7.17	
9/28/26	09282026	Amazon.com - Parts for PJ Trailer	170.50	
9/28/26	09282026	Amazon.com - Office Light	200.46	
9/28/26	09282026	Amazon.com - Office Supplies	91.93	
9/28/26	09282026	Amazon.com - NomadInternet - WSSA Pump House Office Monthly Internet Service	224.90	
9/28/26	09282026	Central Valley Community Bank		24,215.28
9/30/26	09302026	Pacific Gas & Electric Charges Account #7267502832 490 Hoffman Ln for Period: 08/24/2026 to 09/22/2026	1,268.76	
9/30/26	09302026	Pacific Gas & Electric Charges Account #2085093362 6P N/Marsh Creek Rd	2,190.97	
9/30/26	09302026	Pacific Gas & Electric Charges Account #2085093666 WS Bethany Canal 3P	941.60	
9/30/26	09302026	Pacific Gas & Electric Charges Account #2085093230 SIM34 N/S Hwy 4 OPP	22.80	
9/30/26	09302026	Pacific Gas & Electric Charges Account #2085093194 W SPRR S Hoffman Ln	20.67	
9/30/26	09302026	Pacific Gas & Electric Charges Account #2080801459 2200 Hoffman Ln	190.15	
9/30/26	09302026	Pacific Gas & Electric Charges Account #2086930222 2200 Hoffman Ln Pump Station	5,412.47	
9/30/26	09302026	Pacific Gas & Electric Charges Account #2085093357 7777 Bruns Rd	112.76	
9/30/26	09302026	Pacific Gas & Electric Charges Account #2084691543 Herdlyn Rd & Byron Rd	40.47	
9/30/26	09302026	Pacific Gas & Electric 2085		10,200.65
9/30/26	150137	Long Reach Part	87.80	
9/30/26	150137	CENCAL Auto & Truck Parts Inc.		87.80
9/30/26	19003	PS#3 Pump's VFD maintenance	508.32	
9/30/26	19003	Don Pedro Pump		508.32
9/30/26	209375	Welding Supplies	217.50	
9/30/26	209375	California Welding Supply		217.50
9/30/26	59016	Remote Service - Website Issue	187.50	
9/30/26	59016	Plus IT, Inc.		187.50
			675,144.08	**675,144.08**

AGENDA ITEM NO. 5

BYRON-BETHANY IRRIGATION DISTRICT STAFF REPORT

TO: THE HONORABLE PRESIDENT AND MEMBERS OF THE BOARD

FROM: BRAD MIZUNO, WATER RESOURCES SPECIALIST

DATE: OCTOBER 20, 2026

SUBJECT: PRESENTATION OF THE DRAFT 2025 AGRICULTURAL WATER MANAGEMENT PLAN

STAFF RECOMMENDATION

This item is for information only and no action is required. Staff will present the Draft 2025 Agricultural Water Management Plan (AWMP) for Board comment. Adoption is scheduled for a public hearing on November 17, 2026.

DISCUSSION

The Water Conservation Act of 2009 (Senate Bill X7-7) requires agricultural water suppliers who provide water to 10,000 or more irrigated acres to prepare an AWMP every five years. Since BBID also provides more than 3,000 acre-feet per year of raw water to the cities of Mountain House and Tracy, BBID must also have an Urban Water Management Plan (UWMP), which we meet by adopting the cities' UWMPs by reference.

The 2025 AWMP updates the 2020 AWMP, which the Board adopted on February 18, 2025, with 2021 through 2025 data for the Byron, Bethany, Plain View, and West Side service areas. In 2025, approximately 12,330 acres were irrigated and BBID supplied over 7,000 acre-feet to M&I users. The presentation will cover the plan's required components, including supplies and uses, water budgets, the drought plan, climate change, efficient water management practices, and Delta Plan consistency.

BACKGROUND

Provost and Pritchard Consulting Group prepared the 2025 AWMP for BBID. BBID notified the counties and cities it serves, posted the draft online on September 21, 2026, with written comments accepted through November 17, 2026, and published the notice of the November 17, 2026 public hearing in the Tracy Press and the Brentwood Press on October 2 and October 9, 2026.

FISCAL IMPACT

There is no fiscal impact from receiving this presentation. To date, the District has spent $20,838.70 to prepare the 2025 AWMP, consisting of $20,571.70 for Provost and Pritchard and $267 for the newspaper notices, plus approximately 40 hours of District staff time.

ATTACHMENTS

BBID Draft 2025 Agricultural Water Management Plan



2025 Agricultural Water Management Plan

Draft for Public Review

to be considered for adoption in October, 2026

Prepared for the
Byron-Bethany Irrigation District

Prepared in Compliance with
the Water Code Section §10826

PREPARED BY:
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List of Acronyms

Abbreviation	Definition
AF	Acre-Feet
AFY	Acre-Feet per Year
AW	Applied Water
AWHC	Available Water Holding Capacity
AWMP	Agricultural Water Management Plan
Banks	Harvey O. Banks Pumping Plant
BBIC	Byron-Bethany Irrigation Company
BBID	Byron-Bethany Irrigation District
Bethany SA	Bethany Service Area (aka Bethany Division)
Board	Byron-Bethany Irrigation District Board of Directors
Byron SA	Byron Service Area (aka Byron Division)
CCWD	Contra Costa Water District
CDEC	California Data Exchange Center
CFS	Cubic Feet per Second
CIMIS	California Irrigation Management Information System
CIP	Capital Improvement Plan
CUP+	Consumptive Use Program Plus
CVP	Central Valley Project
CVP SA	Central Valley Project Service Area (aka Plain View Division)
CVPIA	Central Valley Project Improvement Act
CWC	California Water Code
Delta	Sacramento-San Joaquin River Delta
District	Byron-Bethany Irrigation District
DMC	Delta-Mendota Canal
DWR	California Department of Water Resources
ECC	East Contra Costa
E_r	Effective Precipitation
ET	Evapotranspiration
ET_{AW}	Evapotranspiration of Applied Water
ET_C	Crop Evapotranspiration
EWMP	Efficient Water Management Practice
GM	Byron-Bethany Irrigation District General Manager

Abbreviation	Definition
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
Jones	C.W. Bill Jones Pumping Plant
JPA	Joint Powers Authority
MCL	Maximum Contaminant Level
MHCSD	Mountain House Community Services District
M&I	Municipal and Industrial
Mountain House SA	Mountain House Service Area (aka RWSA 1)
NL	Notification Level
NPDES	National Pollutant Discharge Elimination System
Plain View SA	Plain View Service Area (aka CVP Service Area)
PVWD	Plain View Water District
RWSA 1	Raw Water Service Area 1 (aka Mountain House SA)
RWSA 2	Raw Water Service Area 2 (aka Tracy Hills SA)
SB X7-7	Senate Bill X7-7, the Water Conservation Act of 2009
RF	Recoverable Flows
SA	Service Area
SCADA	Supervisory Control and Data Acquisition
SGMA	Sustainable Groundwater Management Act
SLDMWA	San Luis and Delta-Mendota Water Authority
SMCL	Secondary Maximum Contaminant Level
SWP	State Water Project
SWRCB	California State Water Resources Control Board
TDS	Total Dissolved Solids
Tracy Hills SA	Tracy Hills Service Area (aka RWSA 2)
USBR	United States Bureau of Reclamation
UWMP	Urban Water Management Plan
WC	California Water Code
WMF	Water Management Fraction
WRCC	Western Regional Climate Center
West Side SA	West Side Service Area
WIIN Act	Water Infrastructure Improvements for the Nation Act
WSID	The West Side Irrigation District

1 INTRODUCTION

The Water Conservation Act of 2009 (Senate Bill [SB] X7-7) stipulated that agricultural water suppliers who provide water to 10,000 or more irrigated acres, excluding recycled water, must produce an Agricultural Water Management Plan (AWMP) on or before December 2012 and every five years thereafter. Legislation enacted since 2009 modified the threshold acreage, as well as other AWMP components:

- Senate Bill 1330 (2011): Modified the law to require only those agricultural water suppliers supplying water to over 25,000 irrigated acres (excluding recycled water) to generate AWMPs. Suppliers providing water to 10,000 to 25,000 irrigated acres could forgo Water Code Parts 2.55 (sustainable water use and demand reduction) and 2.8 (agricultural water management planning), unless sufficient funding the State provides sufficient funding.
- Executive Order B-37-16 (2016): Acknowledged the multi-year drought and permanently required the completion of AWMPs by water suppliers providing water to over 10,000 irrigated acres of water.
- Assembly Bill 1668 and Senate Bill 606 (2018): Required preparation of annual water budgets, quantification of water use efficiency from California Department of Water Resources' (DWR) 2012 Report to the Legislature, and a "drought plan" for periods of limited water supplies that describes actions for drought preparedness (i.e., resilience planning) and management and allocations of water supply during drought conditions (i.e., response planning).

The Byron-Bethany Irrigation District ("BBID" or "District") supplies water to 6,233 acres irrigated in 2025 in its Byron and Bethany Service Areas, to 2,147 acres irrigated in 2025 in its Plain View Service Area, and to 3,951 acres irrigated in 2025 in its West Side Service Area. The District has produced an AWMP because its irrigated acreage exceeds 10,000 acres. This AWMP follows the guidelines from DWR's *Guidebook to Assist Agricultural Water Suppliers to Prepare a 2025 Agricultural Water Management Plan*. An AWMP checklist is included in Appendix A of this AWMP, providing the components of this AWMP and those component's applicable statutory authority under the California Water Code (WC). This Plan also reports on the implementation status of specific efficient water management practices (EWMPs) required under the SB X7-7.

SB X7-7 also mandates that urban water suppliers serving more than 3,000 acre-feet (AF) of raw water annually for municipal and industrial (M&I) purposes adopt an Urban Water Management Plan (UWMP). BBID also serves M&I customers within and adjacent to its service areas. M&I deliveries are reported in Section 3.4. BBID has chosen to adopt by resolution UWMPs for its M&I customers Mountain House Community Services District (MHCSD), now the city of Mountain House which incorporated as a General Law City in 2024, and the city of Tracy. Copies of the BBID resolutions are included in Appendix G.

1.1 DESCRIPTION OF PREVIOUS WATER MANAGEMENT ACTIVITIES

BBID has historically recognized water management and planning as essential to continuing to provide its customers with a reliable water supply. The *Byron-Bethany Irrigation District Feasibility Report in Support of P.L. 984 Loan Application for Proposed Improvements to Irrigation System* (Clair A. Hill and Associates, 1964) included a summary of the District's history, geography, general geology, water quality, groundwater and drainage issues, system evaluations, and water requirements. It also described a general plan for improvements, including designs and cost estimates.

Historically, BBID updated water demand projections every 5-10 years. In 1996 the District participated in the *East County Water Supply Management Study* (East County Water Management Association, 1996), which included projections of agricultural and M&I demands within its service area for the following planning periods: 2000, 2010, 2020, 2030, and 2040. The District then updated these projections in 1999 when planning for the annexation of the Tracy Hills Development. In 2002, BBID again updated its water supply and demand evaluation as part of the certification of the East Altamont Energy Center. In 2010, the District further updated the supply and demand evaluation to support its water supply and exchange agreement between BBID and the United States Bureau of Reclamation (USBR) for the Tracy Hills Development located in Tracy. The District adopted the 2020 AWMP in 2025 due to ongoing consolidation efforts with the former West Side Irrigation District, which took several years to conclude. This 2025 AWMP updates the 2020 AWMP with data for the Byron, Bethany, Plain View, and West Side service areas.

1.2 COORDINATION ACTIVITIES

This section discusses the notification and involvement of customers in the AWMP process.

1.2.1 NOTIFICATION OF AGRICULTURAL WATER MANAGEMENT PLAN PREPARATION

Per WC section 10841 BBID notified the cities and counties to which it supplies water that it is preparing an AWMP. These entities include Alameda, Contra Costa, and San Joaquin Counties, and the cities of Tracy and Mountain House.

1.2.2 PUBLIC PARTICIPATION

Table 1-1 summarizes public participation activities BBID performed for this AWMP. Appendix B includes documentation on the public noticing of the AWMP preparation and adoption.

Table 1-1: Public Participation Activities

Potential Interested Parties		Notified of Public Meetings	Attended Public Meetings	Copy of Adopted AWMP/Amendment Sent
County of Alameda				
County of Contra Costa				
County of San Joaquin				
City of Tracy				
City of Mountain House				
DWR				
Local Newspaper				
California State Library				
BBID Website				

1.3 AWMP ADOPTION AND SUBMITTAL

This section reviews the adoption and submittal process of the District's 2025 AWMP to DWR.

1.3.1 AWMP ADOPTION

BBID's Board of Directors (Board) adopted the updated AWMP through Resolution No. XX during the October 2026 Board meeting. This meeting comports with the hearing requirements under Water Code Section 10841. A copy of Resolution No. XX is included in Appendix C.

1.3.2 AWMP SUBMITTAL

Within 30 days of adoption, BBID will submit electronically to DWR the final AWMP.

1.3.3 AWMP AVAILABILITY

Prior to the adoption hearing, BBID made the draft AWMP available for public review on, [Month XX], 2026. BBID provided notice that the public was able to submit written comments on the proposed AWMP by, [Month XX], 2026, as well as oral comments at the adoption hearing. Within 30 days following adoption, BBID made available the final version of the AWMP on the BBID website. It also provided electronic copies the Counties of Alameda, Contra Costa, and San Joaquin, as well as the cities of Tracy and Mountain House.

1.4 AWMP IMPLEMENTATION SCHEDULE

California Code of Regulations, Title 23, §597.1 defines the applicability EWMP implementation (the two critical are water measurement and volumetric pricing of water deliveries) to agricultural water suppliers. An agricultural water supplier providing water to between 10,000 and 25,000 irrigated acres must not implement EWMPs unless sufficient funding is provided specifically for that purpose, as stated under Water Code §10853.

The District provides water to more than 10,000 irrigable acres and is completing the AWMP as required. Additionally, the District serves less than 25,000 irrigated acres and does not receive State funding for EWMP implementation and is not required to measure or volumetrically price water. However, BBID previously implemented 2 critical EWMPs (water measurement and volumetric pricing) and has recently implemented most of the 14 conditional EWMPs, as discussed in Section 7 of this AWMP and the 2020 AWMP. BBID plans to continue to implement feasible EWMPs over the next twenty years.

2 DESCRIPTION OF THE AGRICULTURAL WATER SUPPLIER AND SERVICE AREA

This section provides a description of the BBID service area, including physical and operational characteristics. Effective 2020, through consolidation with the West Side Irrigation District (WSID), BBID's service area increased to include the lands within the former WSID.

2.1 PHYSICAL CHARACTERISTICS

2.1.1 SERVICE AREA DESCRIPTION

BBID is a multi-county special district encompassing 36,000 acres across parts of Alameda, Contra Costa, and San Joaquin Counties. The District serves more than 215 agricultural customers and more than 40,000 M&I customers. BBID utilizes three different surface water sources (described below) to supply water to the following six service areas (SA), as shown in Figure 2-1 :

- Byron Division (aka Byron SA);
- Bethany Division (aka Bethany SA);
- Raw Water SA 1, (aka Mountain House SA);
- Raw Water SA 2, (aka Tracy Hills SA);
- Central Valley Project SA (aka Plain View SA); and
- West Side SA.

BBID does not rely on or use groundwater as a primary water supply due to its poor quality and permeability of the soils in the Delta upland area. During severe historical droughts, some private landowners within BBID will use groundwater available to them on their properties to keep high value crops alive, but typically must blend with limited surface water availability due to the high salinity levels and other salts found in Delta upland geographic vicinity. In some years, BBID may convey and/or purchase small amounts of groundwater to provide to other growers, adhering to the county ordinances regarding groundwater use.

Pre-1914 Water Rights

In 1919, BBID formed and succeeded to all the works of the old Byron-Bethany Irrigation Company (BBIC), including the pre-1914 appropriative right to 40,000 miner inches of water from Old River, as described in BBIC's Notice of Appropriation. In 1963, DWR completed construction of the new State Water Project (SWP) intake from the Sacramento-San Joaquin River Delta (Delta), and under an agreement between BBID and DWR, BBID's historic point of diversion for their pre-1914 water right was relocated from Italian Slough to the state's intake channel connecting the SWP's Clifton Court Forebay and Harvey O. Banks Pumping Plant. A 2003 Agreement between BBID and DWR updated the 1963 agreement, which recognizes BBID's prior pre-1914 water right. BBID provides water service to four service areas through its pre-1914 water right: Byron SA, Bethany SA, Mountain House SA, and Tracy Hills SA, with the Byron SA and the Bethany SA comprising approximately 24,000 acres.

BBID provides the Mountain House SA with up to 9,813 AF per year (AFY) of M&I water under a water services agreement executed in 1996 by both BBID and the city of Mountain House, which was subsequently amended in 2008.

The Tracy Hills SA, which includes the Tracy Hills development, was created in 2013. BBID provides up to 4,500 AFY of M&I water under a wholesale water agreement between BBID and Tracy. BBID began providing water for M&I uses to the Tracy Hills SA in 2021.

As shown in Figure 2-1, BBID's pump stations in the intake channel divert the District's water into canals that convey raw water north to the Byron SA, south to the Bethany SA, and a turnout to the Delta-Mendota Canal (DMC) for conveyance to the Tracy Hills SA. The Mountain House SA is served from a pump station and pipeline that originates at Pump Station 1 South.

USBR Central Valley Project Water

In 2004, Plain View Water District (PVWD) consolidated with BBID, dissolving PVWD and reorganizing PVWD's territory into BBID's Plain View Service Area (PVSA). The PVSA is served through the combination of Central Valley Project (CVP) contract water with USBR and Warren Act (non CVP) contract water comprised of BBID's pre-1914 water subject to contract conditions. The CVP contract entitles BBID to receive up to 20,600 AF of surface water made available at specific locations along the DMC within the PVSA, as depicted in Figure 2-1. The place of use for the water provided under this contract is limited to a specific area, comprising 6,300 acres, of which approximately 2,147 were irrigated in 2025.

Additionally, the West Side Irrigation District (WSID) consolidation with BBID in 2021 resulted in BBID receiving WSID's CVP water service contract. The WSID contract was originally for 7,500 AFY, but following an assignment and approved future assignment, the WSID sold 5,000 AF to the city of Tracy (2,500 AF under the assignment and a future 2,500 AF assignment option to the city of Tracy), entitling BBID to receive up to 2,500 AFY of CVP water for use within the West Side SA.

The availability of water to which BBID is entitled to receive under the CVP contracts is constrained by USBR's allocation analysis, which considers hydrology, soil moisture conditions, reservoir carryover storage, regulations, and overall total system capacity. This means that even though BBID has a contractual entitlement to receive up to 20,600 AF in the Plain View SA and up to 2,500 AF in the West Side SA, if the hydrologic conditions do not support allocating to BBID 100% of its entitlement, USBR will allocate a lesser percentage, which since 1992 and the commencement of modern day environmental regulations like the Central Valley Project Improvement Act (CVPIA), USBR's CVP annual water supply allocations average approximately 54%.

In 2020, BBID converted its CVP water service contract with USBR to a "repayment contract," under the Water Infrastructure Improvements for the Nation (WIIN) Act (Pub. L. 114-322, 130 Stat. 1628). This conversion changed the timing by which BBID repays the CVP-related construction costs and ongoing share of operation and maintenance. The maximum water entitlement under the repayment contract, as well as all other material conditions, remained unchanged through the conversion. In 2020, the WSID also converted its CVP water service contract with USBR to a repayment contract under the WIIN Act, which makes 5,000 AF of project water available following the assignment of 2,500 AF to the city of Tracy, with an additional 2,500 AF option to the city of Tracy.

BBID holds Warren Act contracts with USBR entitling BBID, subject to certain conditions, to convey and store non-CVP water in federal facilities when excess capacity exists. Non-CVP water is water BBID diverts under its pre-1914 water right. Through these Warren Act contracts BBID may convey or store non-CVP water in the following CVP facilities, including the DMC, O'Neill Forebay, and San Luis Reservoir. BBID uses the San Luis Reservoir as a water storage banking facility for its Plain View SA.

Post-1914 Water Rights

As discussed in the preceding section, WSID consolidated with BBID in 2021, thereby increasing BBID's service area to create the West Side SA, comprising 6,589 acres of unincorporated land around the city of Tracy. The consolidation of WSID resulted in BBID acquiring its post-1914 appropriative water right. Under this water right, BBID is entitled to divert up to 27,000 AFY of water between on or about April 1 and October 31 from the Wicklund Cut Main Canal off of Old River for irrigation, domestic, and M&I uses.

2.1.2 TERRAIN AND SOILS

The terrain and soils in BBID offer excellent conditions for agriculture. The western part of the District that is not irrigated has rolling hills with slopes up to a 40% grade.

The soils in the BBID service area are primarily clay and clay loam textured soils. These soils are generally well and moderately well drained and do not have restrictive subsoils. The fine textured soils found in BBID are well suited to irrigation because they have a slow infiltration rate when wet. Areas of the Bethany SA near Clifton Court Forebay are composed of poorly drained loam and sandy loam. However, these soil characteristics are not impactful to agricultural because most water users in this area use water for M&I, rather than agricultural purposes. Table 2-1 depicts the majority terrain and soil type in each service area and the percentage of the area the soil type covers. Figure 2-2 depicts a detailed soil map of the service areas.

Table 2-1: BBID Terrain and Soil Type

Service Area	Majority Soil Type & Description	Percent of Area
Pre-1914		
Byron	CbA: Capay clay, wet, 0 percent slopes, MLRA 17	19.9%
Bethany	RdA: Rincon clay loam, 0 to 3 percent slopes	50.1%
Mountain House	252: Stomar clay loam, 0 to 2 percent slopes	47.6%
Tracy Hills	123: Carbona clay loam, 2 to 8 percent slopes	60.8%
CVP		
Plain View	118: Capay clay, 0 to 2 percent slopes, MLRA 17	57.2%
Post-1914		
West Side	118: Capay clay, 0 to 2 percent slopes, MLRA 17	56.8%

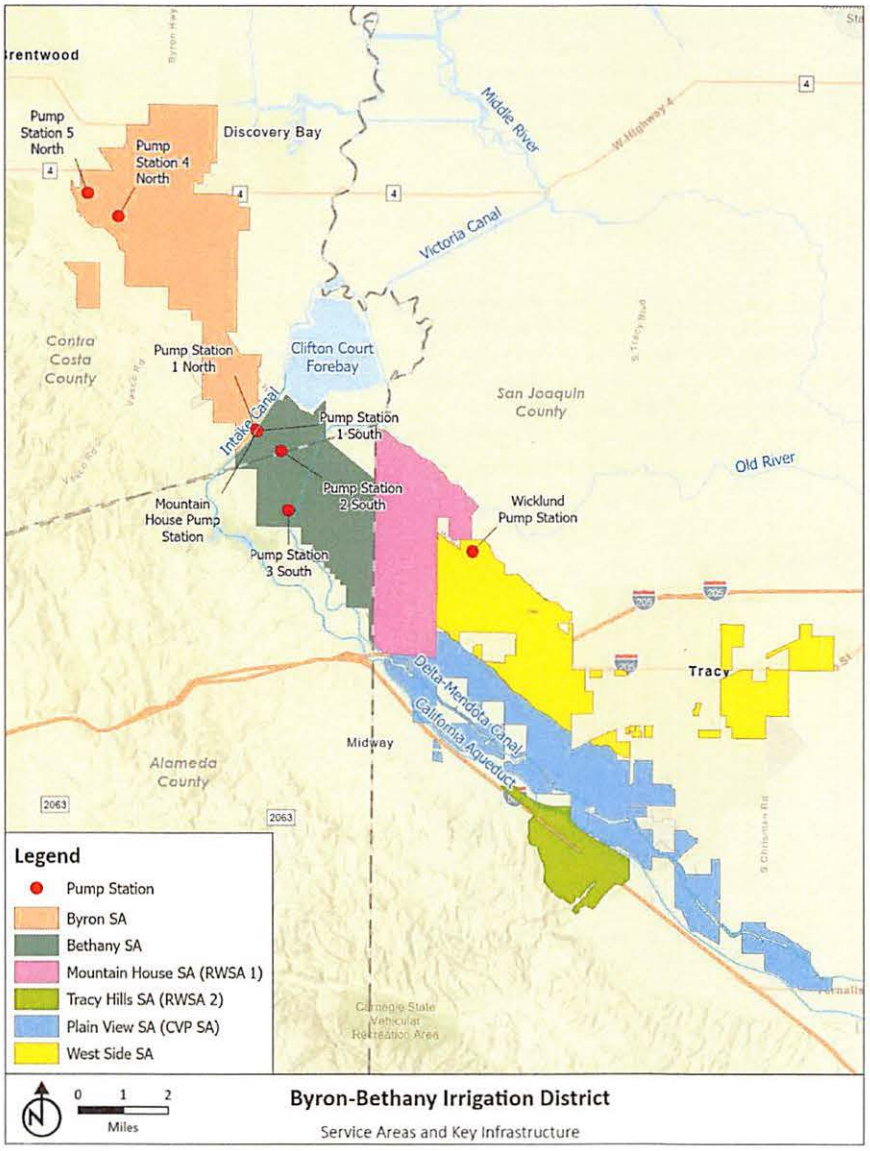


Figure 2-1: BBID Service Area & Infrastructure Map

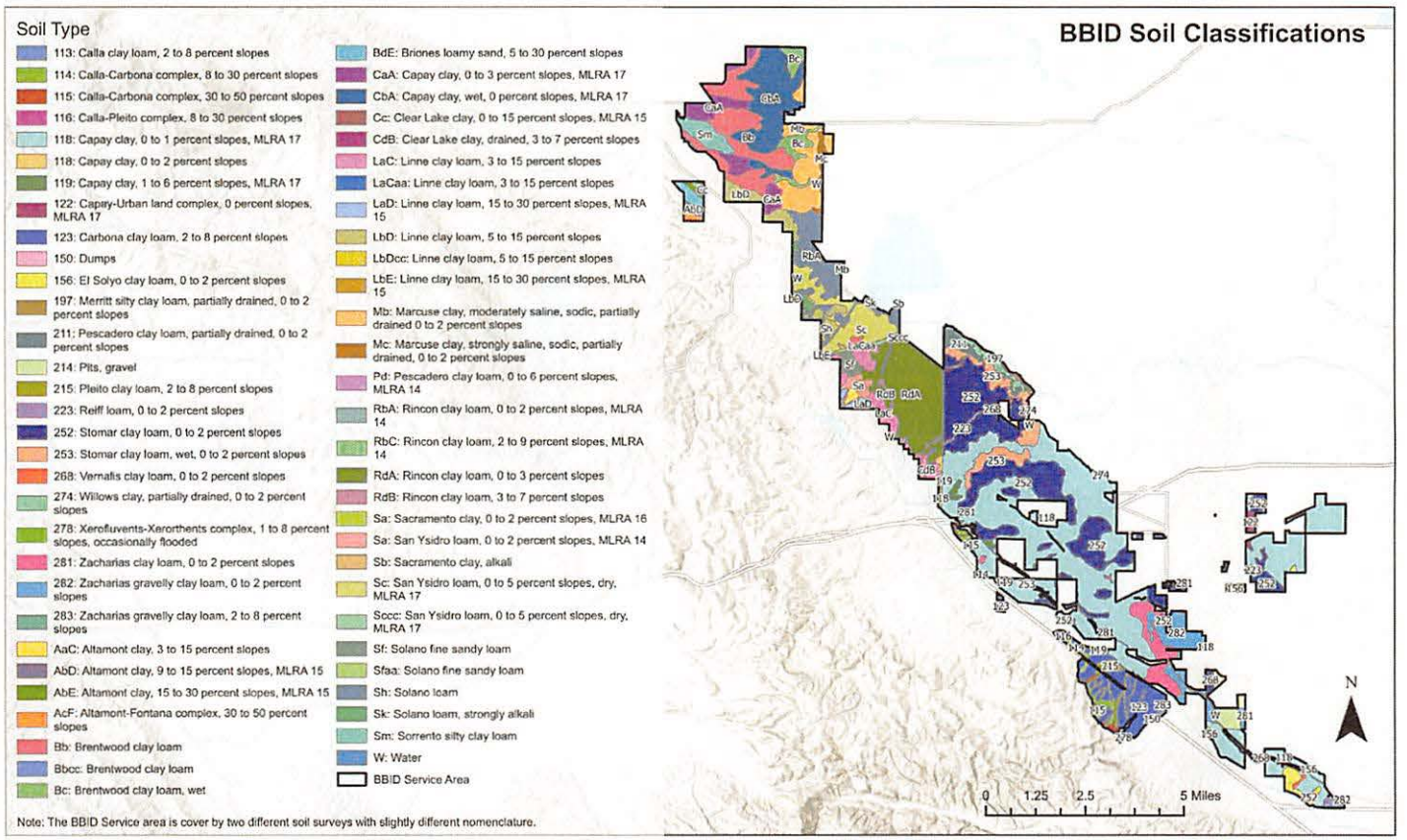


Figure 2-2: Soils Map

2.1.3 CLIMATE

The climate across BBID is uniform, with minimal effects of microclimates. The District sees hot, dry summers and cool, moist winters. Most precipitation falls from November to March, and most evapotranspiration demand occurs from May to August. Table 2-2 shows monthly and annual average temperature, precipitation, and evapotranspiration from 2021 to 2025. The data was sourced from California Irrigation Management Information System (CIMIS) station 47 near Brentwood, California, which is 2 miles northwest of the BBID northern boundary.

Table 2-2: Monthly and Yearly Average Climate

Month	Average Max Temperature (°F)	Average Min Temperature (°F)	Average Temperature (°F)	Average Precipitation (in)	Average ETo (in)
January	61.4	38.9	48.7	1.8	1.5
February	64.4	40.1	51.4	1.4	2.4
March	67.6	42.8	54.8	1.3	4.0
April	75.7	45.7	60.6	0.4	6.0
May	82.5	50.8	66.7	0.3	7.9
June	89.7	54.4	72.0	0.1	8.2
July	95.1	57.0	75.4	0.2	8.4
August	94.8	57.6	75.7	0.1	7.8
September	90.4	56.1	72.7	0.2	6.0
October	81.4	50.4	64.9	0.8	4.2
November	67.2	42.3	53.6	1.0	2.0
December	57.5	40.4	48.0	3.2	0.9
Yearly Average/ Total	**77.3**	**48.0**	**62.0**	**10.9**	**59.2**

2.2 OPERATIONAL CHARACTERISTICS

2.2.1 OPERATING RULES AND REGULATIONS

This section discusses BBID's operating rules and regulations. The complete document of *Rules and Regulations of the Byron-Bethany Irrigation District – Governing the Distribution of Water* (Rules and Regulations) is included in Appendix D.

2.2.1.1 WATER USE AND AVAILABILITY

The irrigation season is generally from mid-March through mid-November. BBID makes water available to growers during the irrigation season, provided there is sufficient supply under the applicable right or contract under which BBID provides that grower water. Water must be used continuously by irrigators throughout the period of the run. If water is inefficiently or improperly used, the General Manager (GM) is entitled to refuse delivery of water until the cause of waste or inefficient or improper use is removed.

2.2.1.2 LEAD TIME FOR WATER ORDERS AND WATER SHUT-OFF

In the Byron SA, the Bethany SA and the West Side SA, customers must provide the Water Conservation/Schedule Coordinator with at least a 24-hour notice for all water deliveries, delivery changes, and shut-off of deliveries.

In the Plain View SA, customers must provide a 24-hour notice for water delivery and shut-off. BBID encourages flexible shut-off times, to the extent they can be accommodated by the CVP's DMC water operators.

2.2.1.3 POLICIES FOR RETURN FLOWS AND/OR DRAINAGE LEAVING THE SERVICE AREA

BBID identified specific policies associated with agricultural return flows to District facilities. Return flow policies differ based on service area and are summarized below and explained in more detail in the Rules and Regulations.

Byron SA, Bethany SA, and West Side SA

All water introduced into District facilities (e.g., return flow, tail water, and seepage water) is considered District water and is subject to re-diversion and use by BBID. All such water intercepted and used by customers requires payment to BBID at the rate established by BBID. All return flows from water provided by BBID become the property of the District again when such flows enter a District lateral or surface drainage system, leaves the boundaries of a customer's property, or percolates into the District's sub-surface drainage system or other District facilities.

All customers who drain their surface run-off into District facilities must install sumps, in accordance with the District's Sump Standards and Requirements. No water, including tailwater, can be placed into the District's irrigation or drainage system without prior approval of the GM.

Adequate safeguards are established to prevent entry of trash, silt, herbicides, pesticides, fertilizers, etc., into the District's system. For example, the District requires the use of polyacrylamide to stabilize soil against erosion for furrow irrigation. Any damage, injury or legal action which may result from poor quality tailwater, including injury to third parties, is the responsibility of the discharger. The District may require reasonable periodic testing of tailwater discharged into the District's system at the expense of the discharger.

Plain View SA

If applicable, control and disposition of tailwater drainage flow from all CVP water deliveries is the customer's responsibility. There is no permitted recirculation of water within the Plain View SA.

Mountain House SA and Tracy Hills SA

There are no return flow polices for the Mountain House SA and the Tracy Hills SA because water delivered to these service areas is for M&I uses only, and no return flows occur.

2.2.1.4 RESTRICTIONS ON DELIVERIES

When the demand for water deliveries exceeds the ability of the District's system or the available water supply for a specific service are, the GM may prorate water according to the limits of the system. The GM establishes crop priorities, which are then subject to revision or approval of the Board. These cropping priorities are established in the manner most likely to minimize overall detriment to crops that may result from the District's inability to serve water in the order requested. Additional information regarding the District's response during times of water shortage can be found in the drought response plan below in Section 2.2.4.1.2

During periods of critical supply, the District may not be able to provide water delivery on time. If the customer has not received water within five days of the date requested and reasonably expects permanent damage may result to the crop from such a delay in delivery of water, the customer shall file a written factual statement with the GM. The GM will immediately review this statement with a committee of three Directors from the Board, who will collectively determine (in their complete and sole discretion) if crop priorities should and can be modified. It is understood that the capacity of the District's system is limited by demands or outages, which may result in delays up to, or exceeding, five days.

2.2.2 WATER DELIVERY MEASUREMENTS OR CALCULATIONS

BBID is committed to the accurate measurement of all customer deliveries as a basis for sound water management and appropriate billing to its customers. Per the BBID Rules and Regulations, the District uses the units of cubic feet per second (cfs) to measure delivery flow rates and AF in volumetric measurement for charging their customers.

BBID purchases, installs, and maintains meters for each of its 315 customer turnouts, which serve 110 agricultural customers and 12 M&I customers within the Byron SA, the Bethany SA, and the Plain View SA. For these service areas, BBID uses McCrometer strap-on electronic meters and in-line propeller meters and inspects the meters annually. BBID sends meters to the McCrometer factory for calibration on a regular rotating basis. Factory specifications for the most common meter model used in the service area (McCrometer Strap-On Electronic Low-Pressure Meter) are included in Appendix E, along with the most recent certification for factory inspection and calibration.

Not every turnout in the West Side SA is currently equipped with a flowmeter, and most of the meters in the West Side SA are privately owned. Manual water measurement is performed for those turnouts that are not equipped with meters. The District is planning to conduct an assessment of all West Side SA turnouts to determine the feasibility of meter installation, or an alternative compliance measure.

BBID installed new water meters at the Wicklund Cut Main Canal pump station and continues to rely on privately owned meters at the grower-parcel level within the West Side SA. The District is auditing existing slide gates and evaluating the feasibility of retrofitting them with new meters. GPS data collected during the audit is used to update the District's GIS, which feeds BBID's new water accounting system (STORM).

2.2.3 WATER RATE SCHEDULES AND BILLING

The Board establishes water rates annually prior to the start of the irrigation season. Water rates vary depending upon service area, but are levied on a per acre-foot basis. All payments for delivered water are due 30 days after completion of the irrigation event.

In 2016, the District commissioned a rate study, which informed a subsequent increase in water rates. The 2017 Water Rate Charge Resolution is included in Appendix F. Current water rates by service area are presented in Table 2-3 below and comport with the limitations of the 2016 rate study.

Table 2-3: BBID Current Water Rates

Rate Type	Service Area	Conditions	Rate
Agricultural Water Rate	Byron Bethany	Minimum charge of one acre-foot per turn on	$65.00 per acre-foot
Agricultural Water Rate	West Side	Minimum charge of one acre-foot per turn on	$85.00 per acre-foot
Industrial Raw Water Rate	Byron	For sand-mining purposes and wetlands mitigation	$100.00 per acre-foot
Annual Flat Rate Water Service Charge (Interruptible)	Byron Bethany	Based on 2 acres or less	$120.00 per year
Construction Water	District Wide		$15.00 per load (3,500 gallons)
Water Availability / Stand-by Charge	Byron Bethany		$8.00 per acre
Category 1 O&M Charge	Plain View		$5.15 per acre
Category 2 O&M Charge	Plain View		$66.00 per acre
Category 3 O&M Charge	Plain View		$145.00 per acre
Applicable Rates & Charges of the USBR and San Luis & Delta-Mendota Water Authority	Plain View	Including the Authority membership assessment	Per acre-foot water charge

The District conducted a cost-of-service evaluation for the city of Tracy and the city of Mountain House in March 2023 to understand the cost and associated fees for delivering raw water to the customers. The District routinely updates its water rates based on cost-of-service evaluations, which includes industrial water users, such as the Mariposa Energy Project, which is a M&I user in Bethany SA.

2.2.4 DROUGHT PLAN AND WATER SHORTAGE ALLOCATION POLICIES

BBID recognizes that there may be times when the available water supplies are insufficient to meet the demands of its customers, especially given that the rights supporting those supplies are not the same in terms of reliability. Despite this, BBID is committed to providing reliable water supply and water-related services in an environmentally sound and cost-effective manner. In support of these commitments, the District is working to diversify its water supply portfolio through developing access to surface water storage facilities, conjunctive use opportunities, and identifying potential water transfer partners, as well as through the development of a Drought Plan and water shortage allocation policies in compliance with updated AWMP requirements.

Per the BBID Rules and Regulations, the District can initiate water rationing under conditions where the anticipated demand for water deliveries either exceeds the ability of the District's system, or the supply of water available under the applicable water right. Under these conditions, the GM has the authority and discretion to prorate water within the supply limitations of the system. Prior to prorating water deliveries, the GM will work directly with customers to determine the minimum water demand needed to keep their crops alive, which includes setting the general cropping preference (with approval of the Board) in the manner most likely to minimize overall detriment that may result from a water shortage.

2.2.4.1.1 DROUGHT RESILIENCE PLANNING

1) Determination of water supply availability and drought severity

Monitoring is a core aspect of BBID's Drought Plan. BBID regularly monitors water supply availability data to inform operational decisions. These data include hydrologic conditions of the Delta, CVP allocations, and any state regulatory actions which may impact allocations or water rights.

2) Potential vulnerability to drought

BBID has historically had access to sufficient water supplies due to their water rights and physical location in the Delta. Despite this, the District's potential vulnerability to drought may be impacted by a variety of factors, including future hydrologic conditions, outflow requirements from the Delta, availability of CVP allocations, and other potential regulatory actions by the State Water Resources Control Board (SWRCB). Potential vulnerabilities for each of the District's surface water supply sources, based on right, are summarized below.

Pre-1914 Water Rights

BBID's pre-1914 water right is the most senior water right held by the District, and as such, is the most reliable surface water right held by the district. The District actively monitors regulatory and hydrologic developments affecting its water right portfolio.

WIIN Act Contract with USBR

As detailed previously, BBID acquired PVWD's CVP water service contract in 2004, and, in 2020, converted this water service contract to a WIIN Act Repayment Contract. Under the terms of the Repayment Contract, BBID is entitled to receive up to 20,600 AFY of CVP water. Of this contractual entitlement, 19,800 AFY is south of Delta agricultural water and 800 AFY is south of Delta M&I water. Additionally, following the consolidation of the WSID in 2021, BBID holds the WSID WIIN Act contract with USBR which entitles BBID to 2,500 AFY of CVP water, for use in the West Side SA.

The actual availability of CVP water depends on hydrologic conditions and varies year to year. CVP allocations to the District for the 2021–2025 reporting period are summarized in Table 4-1.

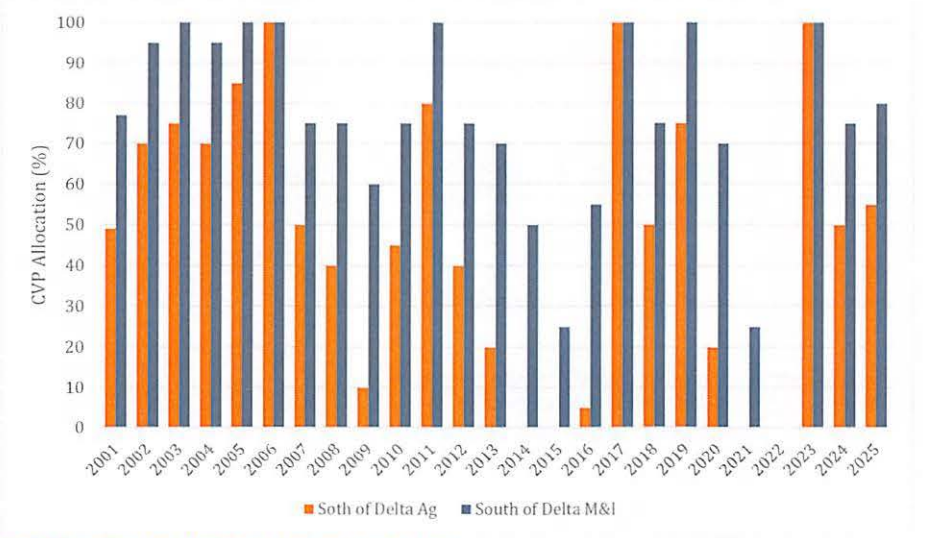


Figure 2-3: Historical Annual Maximum CVP Allocation for South of Delta

Post-1914 Water Rights

The District holds the former WSID post-1914 appropriative right in the form of a water right license. This right entitles BBID to divert up to 27,000 AFY from Old River. The District manages diversions under the license consistent with the conditions of the license and applicable hydrologic conditions.

Groundwater

The District does not rely on groundwater as a source of water supply due primarily to its poor water quality, but also to poor production from wells. However, landowners can choose to rely on privately owned groundwater wells in times of low allocations. This pumping depends upon the conditions of the groundwater basin, including groundwater quality issues, making this source the least reliable source of water and is generally only used to supplement surface water supplies when needed.

3) Drought resilience planning opportunities and constraints

BBID prioritized drought resilience planning opportunities, including implementing new technology, acquiring additional water sources, and other actions to improve resilience in times of drought. The District works with its customers, agricultural and M&I alike, as well as regional partners to foster the beneficial use of its water supplies in a responsible manner.

(A) The availability of new technology or information.

Incorporating new technology is a priority for BBID, as utilizing these resources results in minimized spills, better service provided to customers, and more efficient use of diverted water. BBID implemented infrastructure upgrades, including the installation of a Supervisory Control and Data Acquisition (SCADA) system and control structure automation projects, resulting in more efficient operation of the system. The District supported customers to convert flood irrigation to drip irrigation systems, resulting in water

conservation. About 62% of customers in the Byron SA and the Bethany SA use micro-irrigation as of 2025. About 80% of the irrigated lands in the Plain View SA had micro-irrigation in 2025. In the West Side SA, about 40% of agricultural customers utilize micro-irrigation. These conversions have mostly been done in the years since 2000 and accelerated after 2015.

The District is in the process of evaluating installation of flowmeters for the West Side SA, as only about 75% of agricultural customers in the West Side SA have flowmeters, and most are privately owned. The remaining 25% of agricultural customers' usage is manually measured based on measurements of gate openings and head loss through the gates. BBID plans to inventory all customer meters and determine the existence and condition of the meters.

(B) The ability of the agricultural water supplier to obtain or use additional water supplies during drought conditions.

BBID is planning several new projects to enhance system flexibility and further diversify its water supply portfolio. The District has proposed a construction and operation agreement for an intertie between the Byron SA Canal 45 and the Contra Costa Water District (CCWD) Old River pipeline to facilitate water transfers with CCWD and/or storage of BBID's pre-1914 water (pending approval) in the Los Vaqueros Reservoir. Such stored water can then later be withdrawn and used in the northern portion of the Byron SA. The District is exploring conveyance, storage, and transfer opportunities with regional water agencies to enhance system flexibility and supply reliability for its service areas. Specific opportunities are evaluated as they arise and are subject to Board review. The additional storage would have increased water supply reliability for the "partners" to the project and facilitate development of supplies for environmental water management and improve water quality in the Delta. As a partner in the Los Vaqueros Expansion Joint Powers Authority (JPA), BBID was evaluating reserving 10,000 AF of storage capacity. BBID is also participating through the San Luis & Delta-Mendota Water Authority (SLDMWA) and its partners to increase San Luis Reservoir storage by 130,000 AF, with BBID reserving 1,059 AF of storage for its customers. Lastly, the District continues engaging with regional water agencies regarding possible water transfers and regional water supply agreements. Most of the agreements with regional agencies are short-term agreements.

(C) A description of other actions planned for implementation to improve drought resilience.

Other actions BBID has taken to improve drought resiliency include participation in groundwater sustainability activities. As a Groundwater Sustainability Agency (GSA), BBID works cooperatively with two groundwater subbasins: (1) Tracy Subbasin; and (2) East Contra Costa (ECC) Subbasin. BBID participates through the GSAs and other project partners to investigate conjunctive use opportunities and aquifer storage recharge groundwater wells to increase water supply reliability for BBID and its partners.

2.2.4.1.2 DROUGHT RESPONSE PLANNING

1) Water shortage declaration, water shortage allocations, and response actions implementation
After reviewing supply availability and anticipated demand, BBID will make a water shortage declaration if the demand exceeds the available supply. To do this, the District meets with the agricultural customers to understand the minimum water quantities needed before initiating water rationing per the BBID Rules and Regulations. During the 2020-2022 drought, BBID's drought response actions taken during consisted

of four main criteria: supply augmentation, demand reduction, operational actions, and others. Each is discussed below in greater detail.

Supply augmentation actions are important during drought periods to supplement water supply and minimize the effect of the drought on the District's customers. Supply augmentation during drought periods consists of the following actions:

- Purchasing privately pumped water from growers;
- Actively pursuing short-term water transfers to keep high value crops alive;
- Collaboratively working with the SLDMWA and other CVP contractors on the DMC Pump Back Projects to deliver water stored in the San Luis Reservoir to users upstream of the reservoir on the DMC;
- Utilizing the A&E groundwater well (a private well) to supplement supply in the Plain View SA; and

Demand reduction is another important aspect of drought response planning. Ensuring water is used efficiently and not wastefully is always a priority of the District that is heightened during drought. As the holder of the District's water rights, BBID is also bound by the constitutional prohibition of waste and unreasonable use of water. Accordingly, during the 2020-2022 drought, BBID took the following demand reduction actions: (1) reduce agricultural and M&I water deliveries to minimum levels; (2) reduce "construction water" deliveries; and (3) monitor wasteful run-off from agricultural fields to minimize any wasteful runoff.

Operational actions, similar to demand reduction, are important to reevaluate during times of drought, to ensure that water is not wasted. Like demand reduction, while operational actions are always a priority, they are particularly important when there is less water available. During the drought periods, BBID optimizes system operations by rapidly implementing additional technology, such as gate control through its SCADA/Telemetry system, improving District and grower communication, and assisting growers rapidly migrate toward drip irrigation to facilitate reduced water usage (i.e., less drop per crop) and reduce system spills.

Other actions taken by the District in response to drought were as follows:

- Holding additional public outreach meetings for growers and the general public regarding the severity of conditions and promoting water conservation;
- Holding educational meetings to provide tips to growers regarding farming with reduced supplies;
- Developing and disseminating informational newsletters and/or website content regarding drought conditions and the District's response.

The actions described above in response to drought conditions achieve satisfactory outcomes to mitigate the negative impacts resulting from drought and enhance the District's ability to improve practices to overcome future drought obstacles.

2) Methods and procedures for triggering and enforcing shortage response actions

BBID publishes its Rules and Regulations on its website, and they include information about the District's shortage response actions. BBID also provides a copy of the Rules and Regulations to all irrigation customers. During drought, BBID engages in the following activities to ensure the water resources of the District are distributed and used efficiently and equitably:

- Bulletin release to public to inform about drought conditions;
- Reminder letters to irrigation customers about rules and regulations regarding irrigation water distribution;
- Increased enforcement of water regulations to prevent unauthorized use;
- Investigation of all unauthorized uses of water;
- Investigation of all unauthorized encroachments;
- Increased water theft penalties;
- Implementation of several extraordinary operational measures to manage limited water supplies and augmented water supply.

3) Monitoring and evaluation of the effectiveness of the drought plan

BBID prioritizes continuous monitoring to understand and evaluate the effectiveness of their drought plan. While monitoring is always a priority, it is especially necessary during times of drought for effective water management. The District continuously monitors hydrological conditions, water supply, deliveries, and operational efficiency. Additionally, BBID plans to conduct retrospective timeline analysis of past drought declarations and actions implemented, to learn from past decisions and droughts. Staff input on the performance of past implemented actions is also considered.

4) Communication protocols and procedures

BBID is proactive in communicating with its customers regarding water supply. The District understands that communication, both internally and externally, is a necessary and important step in drought resilience protocol. Internal communication with growers and the general public within the District includes the following actions:

- Hold additional public outreach meetings for growers and the general public;
- Hold educational meetings to help growers work with reduced supplies;
- Develop informational newsletters or website content regarding drought conditions and the District's response;
- Inform the public about the severity of conditions and promote water conservation.

External communication consists of outreach with neighboring cities and counties, and state, federal, and other government entities. The external groups BBID would coordinate with, and the goals of coordination are as follows:

- City of Tracy for Tracy Hills Service Area M&I delivery and recycled water reuse;
- City of Mountain House: Mountain House SA M&I delivery;
- SLDMWA: water transfer;
- CCWD: water transfer;
- Delta Watermaster: Delta water operations and diversion;
- USBR: CVP allocation;
- SWRCB: potential state regulatory action.

5) Potential financial impacts of drought and proposed district management measures

Drought conditions could impact District finance. BBID may need additional labor during drought to fine tune district operations, including internal and external coordination with growers and public agency partners. The District also faces increased costs due to higher priced water in the form of water transfers, as well as increased energy costs and associated maintenance costs. Water sale revenue may also decline due to water conservation efforts. To overcome these impacts, BBID may consider the following actions:

- Impose a water surcharge for the extra cost induced from the transferred water to the growers. The water transfer contract will be negotiated, and there will be coordination and agreement with the growers.
- Utilize funds from reallocated deferred capital improvements and/or planned financial reserves to support District operations.
- Defer the implementation of capital improvement plan (CIP) projects until after drought when the hydrologic and financial conditions have sufficiently recovered.

3 DESCRIPTION OF QUANTITY OF WATER USES

Section 3 describes the quantity of water used for agricultural, environmental, recreational, M&I and groundwater recharge use. BBID primarily supplies water to agricultural users in addition to a handful of M&I users. Currently, BBID does not supply water for environmental purposes, recreational use, or groundwater recharge.

Water uses and demands are reported on a calendar year basis for 2021 to 2025 to include a complete irrigation season. The same time period was used to calculate the water budget in Section 5. According to the California Data Exchange Center (CDEC), the years 2021 to 2025 cover a wide range of water year types ranging from dry to wet.

3.1 AGRICULTURAL WATER USE

The total agricultural water demand is estimated by crop evapotranspiration (ET_C) which combines water evaporation from the soil surface and transpiration through the crops. The ET_C used in this water budget analysis was quantified using the Consumptive Use Program Plus Model (CUP+) for each crop.

The CUP+ model was used to support BBID water budget calculations and was developed by DWR to help water suppliers quantify the efficiency of agricultural water use. CUP+ is an Excel application that estimates soil water balance to estimate ET_C, effective precipitation (E_r), and evapotranspiration of applied water (ET_{AW}) for crops. ET_{AW} is a seasonal estimate of the irrigation water requirement for evapotranspiration of a crop minus any water supplied by effective rainfall and effective seepage (DWR, 2012).

The CUP+ model requires the users to input information, including weather data, crop type, irrigation start and end date, available water holding capacity (AWHC), maximum soil depth, maximum root depth, and allowable depletion of plant available water in the effective root zone, to generate output. The weather data for this analysis was retrieved from CIMIS Station 47, which is located near Brentwood, California, and it includes daily solar radiation, maximum and minimum temperature, dew point temperature, and wind speed. Irrigation starting and ending dates are set to reflect the farmer's irrigation period for their crops. The AWHC is determined based on the soil texture of the irrigated land. As discussed in Section 2.1.2, BBID soil is primarily made of clay and clay loam. The maximum soil depth is assumed to be approximately 4 feet (PSSAC, 2022). The maximum root depth and allowable depletion is referenced from the crop information found from the Division of Agriculture and Natural Resources, University of California.

3.1.1 PRE-1914 WATER RIGHTS

Agricultural demand within the BBID area served by pre-1914 water rights is attributed to the Byron SA and the Bethany SA, in which 6,232 out of the 12,600 potentially irrigable acres are actively irrigated. Table 3-1 shows that almonds have made up the majority of the acreage from 2021 to 2025. The District summarizes crop types and acreage from the growers' annual water applications. Changes to the cropping and weather patterns cause the calculated water demand to vary each year.

Commented [BM1]: P&P to confirm: source of the 12,600 potentially-irrigable-acres figure for the Byron/Bethany service areas. A parcel-level check against the 2025 Master Crop workbook (including parcels logged once because the whole parcel was fallow/urban) totals roughly 11,370 acres for Byron + Bethany combined -- about 1,230 acres short of 12,600. Please verify the source of 12,600 and correct if needed before this AWMP is finalized.

Table 3-1: Byron SA & Bethany SA Agricultural Crop and Water Demand Data

Crop Type	2021		2022		2023		2024		2025	
	Acres	ET_c Demand (AF)	Acres	ET_c Demand (AF)	Acres	ET_c Demand (AF)	Acres	ET_c Demand (AF)	Acres	ET_c Demand (AF)
Alfalfa	260	1,364	230	1,215	212	960	184	895	185	855
Almonds (1st Leaf)	843	1,285	352	529	19	26	18	26	2	3
Almonds (2-3 Leaf)	0	0	843	2,558	1,195	3,191	371	1,065	37	101
Almonds	1,198	5,421	1,198	5,361	1,198	4,686	2,041	8,644	2,393	9,647
Apricots	18	78	18	78	18	68	18	73	18	70
Beans	219	343	0	0	0	0	45	69	0	0
Cherries	339	1,502	350	1,533	340	1,301	417	1,730	456	1,800
Corn	586	1,057	1,066	1,894	1,001	1,719	991	1,752	935	1,559
Garlic	64	148	0	0	0	0	0	0	0	0
Grapes	209	645	204	621	187	501	165	487	169	466
Misc. Fruit Trees	239	1,056	239	1,045	234	896	234	970	234	923
Mulberry	70	288	70	290	76	281	76	309	75	284
Olives	155	660	155	661	166	611	166	655	160	599
Pasture	185	926	179	900	93	399	183	851	78	345
Peaches	69	287	69	284	66	239	66	261	66	247
Pumpkins	6	19	0	0	0	0	30	87	30	85
Strawberries	3	5	3	5	5	8	10	18	13	23
Sudan/Forage	26	40	200	305	174	259	144	214	174	251
Tomatoes	1,135	2,903	723	1,864	905	2,150	921	2,370	956	2,263
Walnuts	401	1,664	401	1,673	218	810	204	833	204	768
Wheat	0	0	45	68	91	136	46	69	46	67
Total	**6,024**	**19,690**	**6,344**	**20,883**	**6,196**	**18,242**	**6,329**	**21,379**	**6,232**	**20,354**

The crop mix in the Byron SA and Bethany SA has shifted toward permanent crops (e.g., almonds and orchards) over the AWMP reporting period, as reflected in Table 3-1.

Actual water deliveries to the Byron SA and the Bethany SA differ from the estimated consumptive use values in Table 3-1 but show a similar pattern (highest deliveries in 2021 and 2022). Table 3-2 shows the surface water and groundwater deliveries within the two service areas from 2021 to 2025.

Table 3-2: Byron SA & Bethany SA Agricultural Water Use

Source	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Surface Water (pre-1914 Rights)	15,034	14,796	8,427	14,000	14,437
BBID Groundwater	37	141	0	0	0
Private Pumping Estimate	3,421	3,544	7,651	5,006	4,441
Total	**18,492**	**18,481**	**16,078**	**19,005**	**18,878**

Private groundwater pumping in the pre-1914 service area is estimated and assumed to bring the total agricultural use (pre-1914 diversion minus M&I uses) to the level of estimated agricultural consumptive use for the year, when considering the effective precipitation. The incorporation of effective precipitation is why the total water use in Table 3-2 do not equal the total consumptive use estimates provided in Table 3-1. It should be noted that the estimated pumping volumes are generally not consistent with the District's understanding of groundwater use within the District. The District will continue to evaluate private pumping into the future.

BBID relies primarily on its pre-1914 right from the Sacramento-San Joaquin Delta (Delta) at milepost (MP) 1.83 of the intake channel to the Harvey O. Banks Pumping Plant under a settlement agreement with the California Department of Water Resources (DWR) to meet agricultural and M&I water demand in the Byron SA and the Bethany SA. During years when BBID cannot meet all demand using surface water, BBID has purchased groundwater from growers as a supplemental water source, albeit groundwater quality is poor and must be blended to meet crop water demands without jeopardizing the health of the crop. 2021 and 2022 were classified as a critically dry year per the San Joaquin index, and the total water uses exceeds those of the prior years with a higher reliance on groundwater.

BBID typically delivers water to agricultural customers from March to November, but the water delivery schedule might vary depending on the hydrological conditions of that year.

3.1.2 CENTRAL VALLEY PROJECT WATER

Within the Plain View SA, approximately 2,147 out of 4,696 irrigable acres are actively irrigated. Table 3-3 summarizes the crop acreage and estimated evapotranspiration within the Plain View SA, as obtained from the growers' water application by the District. The primary crops grown include almonds and grapes.

Table 3-3: Plain View SA Agricultural Crop and Water Demand Data

Crop Type	2021		2022		2023		2024		2025	
	Acres	ET_c Demand (AF)	Acres	ET_c Demand (AF)	Acres	ET_c Demand (AF)	Acres	ET_c Demand (AF)	Acres	ET_c Demand (AF)
Almonds (1st Leaf)	646	984	117	176	0	0	0	0	0	0
Almonds (2-3 Leaf)	386	1,185	646	1,960	763	2,037	117	336	0	0
Almonds	879	3,978	1,265	5,661	1,198	4,686	1,842	7,801	1,959	7,897
Cherries	66	299	66	296	66	258	66	280	66	266
Fallow	3,313	0	3,795	0	2,637	0	2,556	0	2,556	0
Grapes	115	355	115	351	115	309	115	340	115	317
Total	**4,373**	**4,631**	**5,241**	**6,307**	**4,016**	**5,253**	**4,579**	**8,421**	**4,696**	**8,481**

Table 3-4 provides the actual agricultural water use within the Plain View SA from 2021 to 2025, which generally follow the consumptive use estimate trends provided in Table 3-3. The District relies on CVP supplies, while private pumpers augment surface water with groundwater. As the District does not keep records of the quantity of privately pumped water, the values in the table are estimates.

Table 3-4: Plain View SA Agricultural Water Use

Source	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Surface Water (CVP)	3,870	2,675	2,860	3,740	3,342
BBID Groundwater	302	355	0	596	38
Private Pumping Estimate	399	2,722	1,878	3,347	4,876
Total	**4,571**	**5,752**	**4,738**	**7,683**	**8,256**

Actual water use in Table 3-4 does not directly equal the consumptive use estimates in Table 3-3 due to effective precipitation. It should be noted that the estimated pumping volumes are generally not consistent with the District's understanding of groundwater use within the District. The District will continue to evaluate private pumping into the future.

3.1.3 POST-1914 RIGHTS WATER

Within the West Side SA, approximately 3,951 out of 6,200 irrigable acres are actively irrigated. Table 3-5 summarizes the crop acreage and estimated evapotranspiration within the West Side SA, as obtained from the growers' water application by the District. The primary crop grown is almonds.

Commented [BM2]: P&P to confirm: the 2025 Garlic and Wheat figures in Table 3-5 (West Side SA) look swapped. The crop data indicates roughly 297 acres of garlic in 2025 that this table shows as 0, while Wheat's 2024 acreage (417) looks like it may actually belong to a different cell (source data points to ~120). Please check both crops' acreage/ETc figures for 2024-2025 against the Master Crop workbook and correct -- this does not change the West Side SA's overall 2025 total of 3,951 acres.

Table 3-5: West Side SA Agricultural Crop and Water Demand Data

Crop Type	2021		2022		2023		2024		2025	
	Acres	ET_c Demand (AF)	Acres	ET_c Demand (AF)	Acres	ET_c Demand (AF)	Acres	ET_c Demand (AF)	Acres	ET_c Demand (AF)
Alfalfa	317	1,668	368	1,942	423	1,909	385	1,873	385	1,775
Almonds (1st Leaf)	0	0	80	120	52	71	254	365	0	0
Almonds (2-3 Leaf)	0	0	0	0	80	214	132	379	306	831
Almonds	2,705	12,240	2,705	12,103	2,705	10,579	2,705	11,454	2,768	11,157
Beans	147	231	0	0	0	0	33	51	33	50
Corn	0	0	0	0	297	510	1	2	1	2
Cucumbers	0	0	0	0	45	52	45	59	45	58
Garden/Fruit Stand	42	135	42	135	42	114	42	123	42	120
Garlic	0	0	0	0	297	696	297	698	0	0
Parsley	0	0	50	159	50	135	0	0	0	0
Pasture	132	658	52	259	52	222	73	339	73	321
Sudan/Forage	0	0	12	18	12	18	0	0	0	0
Tomatoes	0	0	147	380	147	350	147	379	147	349
Walnuts	31	128	31	129	31	115	31	127	31	117
Wheat	245	368	120	182	225	335	417	620	120	173
Total	**3,619**	**15,429**	**3,607**	**15,428**	**4,457**	**15,322**	**4,562**	**16,467**	**3,951**	**14,952**

Table 3-6 provides the actual agricultural water use within the West Side SA from 2021 to 2025, which generally follow the consumptive use estimate trends provided in Table 3-5. Surface water is delivered to the West Side SA is delivered through a post-1914 appropriative right, while private pumpers augment

surface water with groundwater. The West Side ID CVP contract has been transferred out of the service area and not used by District growers. As the District does not keep records of the quantity of privately pumped water, the values in the table are estimates.

Table 3-6: West Side SA Agricultural Water Use

Source	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Surface Water (post-1914 Rights)	10,167	10,683	9,698	10,625	9,550
Private Pumping Estimate	4,301	1,866	1,961	2,584	3,984
Total	**14,468**	**12,549**	**11,659**	**13,209**	**13,534**

Actual water deliveries to the West Side SA differ from the estimated values in Table 3-5 as the estimated consumptive use in Table 3-5 does not consider effective precipitation. The deliveries in Table 3-6 are based on measured diversions under the District's post-1914 water rights. Pumping estimates are calculated by assuming that the remaining demand based on annual crop patterns, that is not met by surface water, is met by private groundwater pumping. It should be noted that the estimated pumping volumes are generally not consistent with the District's understanding of groundwater use within the District. The District will continue to evaluate private pumping into the future.

3.2 ENVIRONMENTAL WATER USE

BBID does not provide water for environmental uses.

3.3 RECREATIONAL WATER USE

BBID does not provide water for recreational water uses.

3.4 MUNICIPAL AND INDUSTRIAL USE

3.4.1 PRE-1914 RIGHTS WATER

M&I demands served by the District's pre-1914 water rights include several users in the Byron SA and the Bethany SA, as well as the cities of Mountain House and Tracy. The Byron SA and the Bethany SA listed in Table 3-7 serve industrial customers, Mountain House CSD, and construction sites. The city of Mountain House in the Mountain House SA has a right up to 9,813 AFY but used over 5,000 AFY in 2025.

Table 3-7: Byron SA & Mountain House SA pre-1914 Rights Water M&I Water Uses

M&I Entity	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
G3 Enterprises	219	175	221	35	192
Mariposa Energy, LLC	17	19	19	22	8
MHCSD (RWSA1)	5,176	4,945	4,502	5,046	5,073
Construction	41	32	20	23	24
Tracy Hills	475	1,000	750	900	1,300
Total	**5,928**	**6,171**	**5,513**	**6,025**	**6,597**

As depicted in Table 3-7, M&I water uses within the pre-1914 water rights region of BBID increased in recent years due to the rapid development of area served by the city of Mountain House, which is expected to continue as rapid urbanization continues in the Tracy and Mountain House area.

3.4.2 CENTRAL VALLEY PROJECT WATER

The Plain View SA served seven M&I and construction customers from 2021 to 2025 as listed in Table 3-8. The primary M&I water users include Musco Family Olive, Prologis, and Safeway.

Table 3-8: Plain View SA CVP Water M&I Water Uses

M&I Entity	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Baselite Concrete	12	12	12	9	11
Independent Construction	0	356	0	0	0
MRP San Joaquin Energy	34	37	35	41	64
Musco Family Olive	716	588	607	671	598
Owens Brockway Glass	0	0	0	27	60
Prologis	270	332	311	327	300
Safeway	270	332	311	327	300
Stephen & Jamie Wesely	9	1	6	5	6
Total	**1,311**	**1,657**	**1,282**	**1,407**	**1,339**

3.4.3 POST-1914 RIGHTS WATER

The West Side SA serves one M&I and construction customers from 2021 to 2025 as listed in Table 3-9.

Table 3-9: West Side SA post-1914 Rights Water M&I Water Uses

M&I Entity	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Toll Brothers	N/A	N/A	8	0	0
Construction	N/A	N/A	1	20	93
Total	**N/A**	**N/A**	**9**	**20**	**93**

Commented [BM3]: P&P: the chapter-number portion of these auto-captions (the field before the hyphen, e.g. the '3' in 'Table 3-9') is built with a STYLEREF field tied to Heading 1's outline number. Heading 1 doesn't currently carry that automatic outline numbering, so the field has nothing to pull and falls back to the full heading text instead -- e.g. this caption would render as 'Table Description of Quantity of Water Uses-9' the next time fields are recalculated (confirmed by a straight PDF re-render; the cached text in the file looks fine right now, but Word will reproduce the same wrong text on Ctrl+A/F9 or on 'update fields before printing'). Same defect recurs at every auto-numbered table/figure caption and its in-text callouts in Sections 2, 3, 4, and 7. Recommend re-linking Heading 1 to its outline numbering (or rebuilding these captions without the STYLEREF dependency) and then updating all fields before this is finalized for submittal.

3.5 GROUNDWATER RECHARGE USE

BBID does not provide water for direct groundwater recharge uses but is working through various partner agencies examining south of Delta conjunctive use projects.

3.6 TRANSFERS AND EXCHANGE USE

BBID made transfers out of the District in 2023, 2024, and 2025. BBID growers have installed more groundwater wells and increasingly rely on groundwater (or allow BBID to purchase groundwater (instead of transfers) when surface water is not available. These transfer volumes are reported in Section 5.3 Water Uses (Outflows).

4 QUANTITY AND QUALITY OF WATER RESOURCES

This section describes the sources of water available to BBID.

4.1 WATER SUPPLY QUANTITY

BBID primarily relies on surface water, though has witnessed groundwater pumping in dry years. The District has some transfers and can utilize recycled water from the city of Tracy as an option, as needed, but does not currently use any.

4.1.1 SURFACE WATER SUPPLY

BBID surface water rights include pre-1914 rights water to the Delta, two separate CVP allocations (20,600 AFY from the 2004 consolidation of PVWD and 2,500 AFY from the 2021 consolidation of WSID), and post-1914 rights to Old River (also acquired from the WSID consolidation in 2021.) The 2021 to 2025 total water supply for both agricultural and M&I BBID service areas are shown in Table 4-1.

Table 4-1: BBID Surface Water Diversions

	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Pre-1914 Rights	20,962	20,966	13,939	20,025	21,034
CVP	5,181	4,332	4,142	5,147	4,681
Post-1914 Rights	10,167	10,683	9,707	10,645	9,643
Total	**36,310**	**35,982**	**27,788**	**35,817**	**35,358**

BBID's diversions under the pre-1914 right are higher than the deliveries shown in Table 3-2 and Table 3-7 due to the reported losses in the pre-1914 canal system, which is discussed in Section 5.3. Diversions from the CVP have averaged just under 5,200 AFY, below the 20,600 AFY allocation obtained from the former PVWD and the 2,500 AFY allocation obtained from WSID. This difference reflects that large areas have been fallowed, converted to urban uses served by the city of Tracy, or now depend on groundwater pumping.

4.1.2 GROUNDWATER SUPPLY

BBID can augment the shortage in surface water supplies throughout the growing season by paying growers to pump groundwater into the canals to supply water to customers downstream. Due to the poor groundwater quality in the area, groundwater must be blended to ensure no crop damage during irrigation. The quantity of the water pumped depends on the hydrological conditions and the crop water demand. Table 4-2 summarizes the groundwater pumped for BBID for 2021 to 2025 and does not include private pumping.

Table 4-2: BBID Groundwater Supplies

	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Byron SA & Bethany SA	37	141	0	0	0
Plain View SA	302	355	0	596	38
West Side SA	N/A	N/A	0	0	0
Total	**339**	**496**	**0**	**596**	**38**

Groundwater pumping in the BBID service area is supplied from either the ECC Subbasin or the Tracy Subbasin. In March 2017, the Board voted to become a GSA for a portion of the Tracy Subbasin to comply with the Sustainable Groundwater Management Act (SGMA). BBID worked jointly with the other GSAs to prepare a GSP for the Tracy Subbasin. The Tracy Subbasin GSP was adopted in November 2021. In May 2017, BBID became a GSA for the ECC Subbasin and worked collaboratively with seven other agencies within the subbasin to prepare a GSP. The ECC Subbasin GSP was adopted in October 2021.

The goal of these two GSPs is to sustainably manage the groundwater basins and avoid undesired results in the future; BBID currently predicts no limit to groundwater sources in either basin, other than water quality constraints.

4.1.3 OTHER WATER SUPPLIES

BBID did not make any water transfers into the District from 2021 to 2025. BBID did not utilize recycled water.

4.2 WATER SUPPLY QUALITY

Historically BBID's water purchases have been reliably high-quality supplies. This section summarizes the recent water quality parameters for BBID's water supply.

4.2.1 SURFACE WATER SUPPLY

Pre-1914 Water Rights

BBID diverts pre-1914 water from the Delta from the Harvey O. Banks Pumping Plant (Banks) intake channel. The CDEC hosts publicly available data for water quality at the Banks pumping plant; data from two adjacent stations were assumed to represent water quality at the BBID intake. Table 4-3 shows the average, minimum and maximum water quality values.

Table 4-3: Banks Pumping Plant Water Quality, 2021 to 2025

Characteristic	Units	Average	Minimum	Maximum
Electric Conductivity	uS/cm	439	86	1,832
pH	pH	7.9	7.4	8.8
Turbidity	NTU	10.9	1.8	93.9

USBR CVP Water Rights

BBID diverts water for the Plain View SA from the DMC near the C.W. Bill Jones Pumping Plant (Jones). CDEC data at the Jones plant (station TRP) is assumed to be similar to the BBID CVP diversion and is shown in Table 4-4.

Table 4-4: Jones Pumping Plant Water Quality, 2024 to 2025

Characteristic	Units	Average	Minimum	Maximum
Electric Conductivity	uS/cm	280	142	438
Turbidity	NTU	13.3	6.8	34.5

Post-1914 Old River Rights

BBID diverts water from the CVP as well as Old River to supply the West Side SA. CDEC station ORM (Old River Upstream of Mountain House Creek) was used to report water quality in Table 4-5. Station ORM is northwest of Tracy, just upstream of the BBID intake on Old River.

Table 4-5: Old River Water Quality, 2021 to 2025

Characteristic	Units	Average	Minimum	Maximum
Electric Conductivity	uS/cm	566	106	1,104
pH	pH	7.6	6.7	8.2
Turbidity	NTU	6.9	1.0	21.8

The water quality is worse (higher EC) in Old River than downstream at the Jones Pumping Plant. This is consistent with sampling sites further upstream on Old River (for example, TWA) having higher EC values that flows coming out of the Delta (ORI). Point-source agricultural and wastewater discharges, as well as groundwater effluence along the Old River may lead to higher EC values than found in the high water volumes of the Delta.

4.2.2 GROUNDWATER SUPPLY

Groundwater within BBID has historically been of poor quality, which explains why surface water is and has been the primary water supply for agricultural irrigation, and now M&I due to rapid urbanization in the area.

BBID groundwater quality is monitored under the ECC Subbasin GSP and the Tracy Subbasin GSP. Table 4-6 shows the water quality for the key constituents measured for the ECC Subbasin. It indicates that the total dissolved solids (TDS) and chloride concentrations in ECC Subbasin groundwater exceed or are near the recommended Secondary Maximum Contaminant Level (SMCL) of 500 mg/L and 250 mg/L, respectively, in most wells. Nitrate is observed in some shallow zones of the subbasin (i.e., Brentwood) with concentration exceeding the Maximum Contaminant Level (MCL) of 10 mg/L that may be linked to historical agricultural influences in the area. Arsenic concentrations are generally lower than the MCL of 10 ug/L subbasin wide.

Table 4-6: ECC Subbasin Groundwater Quality for Key Constituents

Constituents	Units	Date Range	Concentration		
			Average	Minimum	Maximum
TDS	mg/L	1957-2019	1,098	86	20,400
Chloride	mg/L	1957-2019	231	11	4,900
Nitrate	mg/L	1957-2019	4.7	ND[a]	1,400
Arsenic	ug/L	1957-2019	8	ND	750

[a] ND – indicates analytical result has not been detected at or above the reporting limit.

Table 4-7 provides a list of key constituents monitored for the Tracy Subbasin, and it includes the date range the analyzes being measured, the minimum and maximum concentrations, the reporting MCL or Notification Level (NL), and the number of wells exceeding the MCL or NL. Overall, a high portion of wells exceeds or is near the recommended SMCL for TDS and chloride. Boron is present in the non-Delta areas and in the northern portion of the Delta area.

Table 4-7: Tracy Subbasin Groundwater Quality for Key Constituents

Constituents	Units	Date Range	MCL or NL	Number of Wells Analyzed	Number of Wells Exceeded MCL or NL	Concentration	
						Minimum	Maximum
Arsenic	ug/L	1959-2020	10	195	32	<2.0[c]	54
Boron	mg/L	1945-2019	1[a]	584	227	<0.1	10
Chloride	mg/L	1945-2020	250[b]	664	210	1.1	2,400
Iron	ug/L	1953-2020	300	206	34	<0.03	25,700
Manganese	ug/L	1950-2020	50	190	67	<0.01	17,600
Nitrate as Nitrogen	mg/L	1947-2020	10	537	21	<0.02	81
TDS	mg/L	1944-2020	500[b]	376	269	82	4,500
Sulfate	mg/L	1944-2020	250[b]	465	122	0.2	1,420
1,2,3TCP	ug/L	1984-2020	0.005	126	25	<0.001	0.500

[a] It indicates the analyze does not have an established MCL but has a NL.
[b] The recommended SMCL is provided in the table.
[c] < indicates analytical result has not been detected at or above the reporting limit.

4.2.3 OTHER WATER SUPPLIES

BBID had no other water supplies available to it during this reporting period.

4.2.4 SOURCE WATER QUALITY MONITORING PRACTICES

Due to rapid aquatic weed growth during peak summer months in BBID's canals, BBID applies aquatic herbicides under permit requirements and under strict conditions to ensure meters, gates, and weir structures are operational and free of aquatic vegetation. The District complies with all permit conditions to include monitoring of surface water quality in conjunction with an aquatic pesticide monitoring

program, which typically occurs from April to September. BBID controls its application of herbicides (i.e., acrolein and endothall) under the Statewide General National Pollutant Discharge Elimination System (NPDES) Permit for aquatic pesticides. Before the application of weed control herbicide into the supply canal, the District collects samples from the canal to determine the source water quality. After herbicide application, the District also samples water from the canals to ensure complete dispersion of the herbicide.

5 WATER BUDGET

5.1 OVERVIEW

BBID supplies and demands have already been introduced but are paired with incidental rainfall and losses in this section to describe the annual water for 2021 to 2025. The water budget results are presented in calendar years to reflect BBID irrigation practices and operation. BBID's agricultural water deliveries typically occur from mid-March to mid-November but is adjusted based on hydrologic conditions and grower demands.

The water budget is broken down into three separate accounting centers: the pre-1914 rights, the CVP rights, and the post-1914 rights. Figure 5-1 provides a schematic of the water budget structure that summarizes the inflows and outflows in each accounting center.

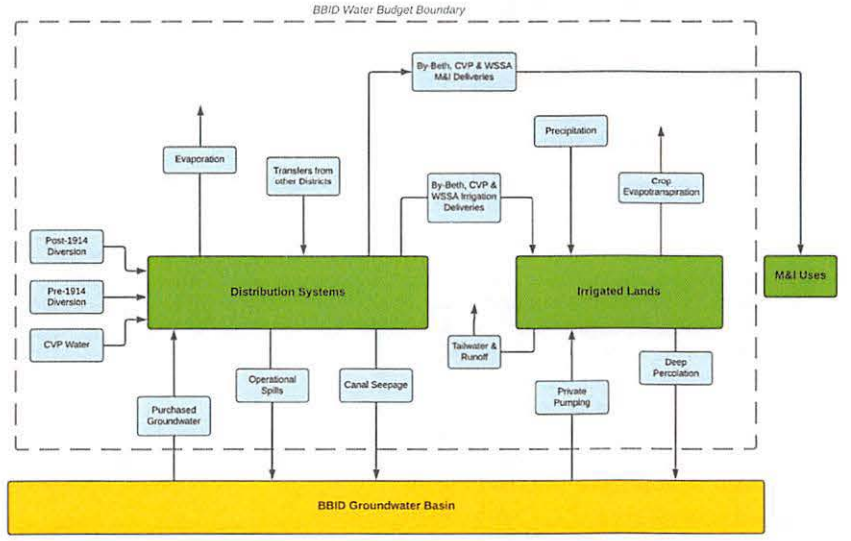


Figure 5-1: BBID Water Balance Model Schematic

5.2 WATER SUPPLY QUANTITY (INFLOWS)

Surface and groundwater inflows to the District are described by service area in Section 4.

This section adds effective precipitation to the mass balance. Effective precipitation is the function of the total precipitation on the irrigated land during a specific period that is available for crops to consume. The quantity of precipitation that could be stored in the root zone depends on the crop characteristics, such as root depth and allowable depletion. The effective precipitation estimated for this analysis was

computed using the CUP+ Model for each crop and depicted for the appropriate BBID service area in Table 5-1 through Table 5-3.

5.2.1 PRE-1914 RIGHTS WATER

The Byron SA and the Bethany SA divert surface water from the State Water Project inlet channel at Clifton Court Forebay to provide water to their agricultural and M&I customers. The Old River water diversions vary annually depending on hydrologic conditions and demands. A limited amount of groundwater is also used to satisfy a portion of irrigation needs within BBID during drought conditions.

Table 5-1 summarizes the surface water diversions, groundwater pumping, transfers and exchange, and effective precipitation from 2021 to 2025.

Table 5-1: Byron SA & Bethany SA Water Supply Quantities

Source	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Pre-1914 Rights	20,962	20,966	13,939	20,025	21,034
Effective Precipitation	1,235	2,543	2,164	2,374	1,475
BBID Groundwater	37	141	0	0	0
Groundwater (Private Pumping Estimate)	3,421	3,544	7,651	5,006	4,441
Transfers & Exchange	0	0	0	0	0
Total	**25,656**	**27,194**	**23,754**	**27,404**	**26,950**

5.2.2 CENTRAL VALLEY PROJECT WATER

Table 5-2 summarizes the annual CVP water deliveries, estimated groundwater pumping quantity, and effective precipitation that occurred within the Plain View SA, which is described in more detail in Section 2.1.1 from 2021 to 2025. The Plain View SA supplies CVP surface water to their agricultural and M&I customers. The CVP surface water delivery also varies from year to year depending on the hydrological condition, demands, and availability of CVP water supply. During drought conditions, groundwater is used as a supplemental source to meet irrigation needs. Some landowners within the Plain View SA installed deep wells within their property that they operate as needed to meet crop demands, depending on the CVP water allocation. Groundwater conditions in the Plain View SA are generally more favorable than conditions found in the Byron SA or the Bethany SA. BBID did not keep track of the privately pumped groundwater, thus the private pumping quantity provided in Table 5-2 is just an estimate of how much groundwater is needed to meet the demand.

Table 5-2: Plain View SA Water Supply Quantities

Source	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
CVP[a]	0	0	4,500	6,510	7,830
Surface Water	5,181	4,332	4,142	5,147	4,681
Effective Precipitation	61	555	515	737	224
BBID Groundwater	0	0	0	0	0
Groundwater (Private Pumping Estimate)	399	2,722	1,878	3,347	4,876
Transfers & Exchange	0	0	0	0	0
Total	**5,641**	**7,609**	**6,535**	**9,231**	**9,781**

Notes:
[a] This volume of CVP water transferred to willing buyers out of District and accounted for in both inflows and outflows of water budget

5.2.3 POST-1914 RIGHTS WATER

The West Side SA diverts surface water from the Old River to supply water to their agricultural customers. The water diversion from Old River fluctuates every year based on the growers' water demand and the hydrologic conditions. Table 5-3 summarizes the surface water diversions, groundwater pumping, transfers and exchange, and effective precipitation from 2021 to 2025.

Table 5-3: West Side SA Water Supply Quantities

Source	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Post-1914 Rights	10,167	10,683	9,698	10,625	9,550
CVP[a]	0	0	2,500	2,500	2,500
Effective Precipitation	961	2,879	3,663	3,258	1,418
BBID Groundwater	0	0	0	0	0
Groundwater (Private Pumping Estimate)	4,301	1,866	1,961	2,584	3,984
Transfers & Exchange	0	0	0	0	0
Total	**15,429**	**15,428**	**15,322**	**16,467**	**14,952**

Notes:
[a] This volume of CVP water transferred to willing buyers out of District and accounted for in both inflows and outflows of water budget

5.3 WATER USES (OUTFLOWS)

In addition to agricultural and M&I deliveries, water outflows in the BBID service area include evaporation, seepage, operational losses, deep percolation, tailwater. Due to modernization of the irrigation district and on farm, operational losses are minimal from the irrigation district conveyance system and on farm tailwater runoff is nearly non-existent due to the conversion to micro irrigation. Old tiles drains exist in significant portions of the Byron SA and the Bethany SA to lower the shallow

groundwater table below the crop root zone. Tile drain flows ultimately spill to the delta via private drainage ditches in the area.

Evaporation

The Western Regional Climate Center (WRCC) provides the monthly average pan evaporation data at the Tracy Pumping Plant is shown in Table 5-4 below. The averages reflect a 1955 to 2005 period of record; the annual average is 97.48 inches.

Table 5-4: WRCC Evaporation Data, Tracy Pumping Plant

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Evaporation (in)	1.53	2.47	5.30	8.20	12.01	14.88	16.92	14.55	10.64	6.57	2.93	1.48

BBID uses their irrigation canal system from mid-March to mid-November. The evaporation in these months sums to 87.89 inches.

A pan evaporation correction coefficient from Evaporation Atlas for the Contiguous 48 United States (NOAA, 1982) is used to adjust for local free water surface conditions. For the BBID service area, the correction coefficient is approximately 0.72 as show in Figure 5-2.

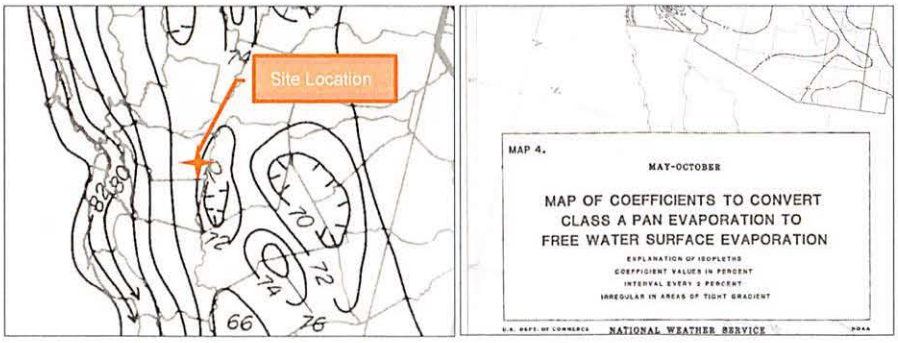


Figure 5-2: Map of Pan Evaporation Coefficients

Equation (1) gives the calculation for evaporation, Where E_p is irrigation season pan evaporation, C_E is the pan evaporation correction coefficient and A is the surface area of the canals.

$$Evaporation = E_p * C_E * A \quad (1)$$

ArcMap and arial imagery were used to calculate the surface area of BBID canals. The estimated average evaporation is approximately 231 AF/year for the canals within the combined Byron SA, Bethany SA (pre-1914) and the Plain View SA.

Seepage

The District is continually maintaining the existing canal lining and installing lining on the unlined canals to conserve water. The lining projects have significantly reduced seepage loss. The seepage rate was assumed to be approximately 5% of water diverted from Old River. The water loss from seepage passively

recharges the groundwater basin; therefore, this term was considered as recoverable flows in the later calculation of agricultural water use efficiency.

Operational Losses
The District does not measure operational spills, but the loss is assumed to be relatively small since the District operates the system very efficiently and is set to zero for the outflow calculations.

Deep Percolation
Deep percolation is the water lost from the soil when infiltrated water exceeds the storage capacity of the soil during irrigation. The deep percolation water could infiltrate into the aquifer to recharge the groundwater basin or become interflow into rivers or streams. The applied irrigation that becomes deep percolation may become recoverable and reused by the water users. Deep percolation is estimated as the closure term for the service areas.

Tailwater
Tailwater is the irrigation water running off the lower end of the field and is often associated with surface irrigation. Tailwater is considered an outflow from the irrigated lands. Since most of the crops were irrigated by drip irrigation method within BBID's service area, tailwater is assumed to be zero for this analysis.

Transfers and Exchanges
The District transfers some of its CVP water supplies to willing buyer.

5.3.1 PRE-1914 RIGHTS WATER

Table 5-5 summarizes the outflow amount of water used for agricultural and M&I delivery within the Byron SA and the Bethany SA from 2021 to 2025. The irrigation delivery is considered as outflow in the distribution system accounting center and is considered as the inflow into the irrigated lands accounting center as Figure 5-1 depicted.

Table 5-5: Byron SA and Bethany SA Water Use Quantity

Water Use	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Agricultural Use (ETc)	19,690	20,883	18,242	21,379	20,354
Total M&I	5,928	6,171	5,513	6,025	6,597
Evaporation	188	188	188	188	188
Seepage	1,048	1,048	697	1,001	1,052
Operational Spills	0	0	0	0	0
Deep Percolation	(1,199)	(1,096)	(885)	(1,190)	(1,239)
Tailwater/Runoff	0	0	0	0	0
Transfers & Exchange	0	0	0	0	0
Total	**25,656**	**27,194**	**23,745**	**27,404**	**26,950**

5.3.2 CENTRAL VALLEY PROJECT WATER

Table 5-6 summarizes the amount of water used for agricultural and M&I delivery within the Plain View SA from 2021 to 2025. The irrigation delivery is considered as outflow in the distribution system accounting center but is considered as inflow into the irrigated lands accounting center as Figure 5-1 depicted.

Table 5-6: Plain View SA Water Use Quantity

Water Use	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Agricultural Use (ETc)	4,631	6,307	5,253	8,421	8,481
Total M&I	1,311	1,657	1,282	1,407	1,338
Evaporation	43	43	43	43	43
Seepage	259	217	207	257	234
Operational Spills	0	0	0	0	0
Deep Percolation	(604)	(615)	(250)	(896)	(315)
Tailwater/Runoff	0	0	0	0	0
Transfers & Exchange [a]	0	0	4,500	6,510	7,830
Total	**5,641**	**7,609**	**6,535**	**9,231**	**9,781**

Notes:
[a] This volume of CVP water transferred to willing buyers out of District and accounted for in both inflows and outflows of water budget

5.3.3 POST-1914 RIGHTS WATER

Table 5-7 summarizes the amount of water used for agricultural and M&I delivery within the West Side SA from 2021 to 2025. The irrigation delivery is considered as outflow in the distribution system accounting center but is considered as inflow into the irrigated lands accounting center as Figure 5-1 depicted.

Table 5-7: West Side SA Water Use Quantity

Water Use	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Agricultural Use (ETc)	15,429	15,428	15,322	16,467	14,952
Total M&I	N/A	N/A	9	20	93
Evaporation	0	0	0	0	0
Seepage	508	534	485	531	478
Operational Spills	0	0	0	0	0
Deep Percolation	(508)	(534)	(494)	(551)	(570)
Tailwater/Runoff	0	0	0	0	0
Transfers & Exchange [a]	0	0	2,500	2,500	2,500
Total	**15,429**	**15,666**	**15,553**	**17,358**	**15,354**

Notes:
[a] This volume of CVP water transferred to willing buyers out of District and accounted for in both inflows and outflows of water budget

5.4 ANNUAL WATER BUDGET

Table 5-8 through Table 5-10 provide the water budget results for each of the service areas, including the data source for each flow component, and uncertainty of each component result for the distribution system and irrigated land, respectively, for 2021 to 2025.

Table 5-E: Byron SA & Bethany SA Water Budget Analysis

Flow Type	Flow Component	Data Source	AWMP Location Supporting Calculation	Uncertainty (Percent)	Required?	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Inflows	Pre-1914 Rights	Measured	5.2.1	<5%	X	20,962	20,966	13,939	20,025	21,034
	Effective Precipitation	Measured	5.2.1	<5%	X	1,235	2,543	2,164	2,374	1,475
	BBID Groundwater	Measured	5.2.1	<5%	X	37	141	0	0	0
	Groundwater (Private Pumping Estimate)	Estimated	5.2.1	<5%	X	3,421	3,544	7,651	5,006	4,441
	Transfers & Exchange	Measured	5.2.1	<5%	X	0	0	0	0	0
Outflows	ETc	Measured	5.3.1	<5%	X	19,690	20,883	18,242	21,379	20,354
	M&I Delivery	Measured	5.3.1	<5%	X	5,928	6,171	5,513	6,025	6,597
	Evaporation	Estimated	5.3.1	20%		188	188	188	188	188
	Seepage	Estimated	5.3.1	20%		1,048	1,048	697	1,001	1,052
	Operational Spills	Estimated	5.3.1	30%		0	0	0	0	0
	Deep Percolation	Closure term	5.3.1	30%	X	(1,199)	(1,096)	(885)	(1,190)	(1,239)
	Tailwater/Runoff	Estimated	5.3.1	30%		0	0	0	0	0
	Transfers & Exchanges	Measured	5.3.1	<5%		0	0	0	0	0

Table 5-9: Plain View SA Water Budget Analysis

Flow Type	Flow Component	Data Source	AWMP Location Supporting Calculation	Uncertainty (Percent)	Required?	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Inflows	CVP[a]	Measured	5.2.2	<5%		0	0	4,500	6,510	7,830
	Surface Water	Measured	5.2.2	<5%	X	5,181	4,332	4,142	5,147	4,681
	Effective Precipitation	Measured	5.2.2	<5%	X	61	555	515	737	224
	BBID Groundwater	Measured	5.2.2	<5%	X	302	355	0	596	38
	Groundwater (Private Pumping Estimate)	Estimated	5.2.2	30%	X	399	2,722	1,878	3,347	4,876
	Transfers & Exchange	Measured	5.2.2	<5%	X	0	0	0	0	0
Outflows	ETc	Modeled	5.3.2	20%	X	4,631	6,307	5,253	8,421	8,481
	M&I Delivery	Measured	5.3.2	30%	X	1,311	1,657	1,282	1,407	1,338
	Evaporation	Estimated	5.3.2	30%		43	43	43	43	43
	Seepage	Estimated	5.3.2	5%		259	217	207	257	234
	Operational Spills	Estimated	5.3.2	5%		0	0	0	0	0
	Deep Percolation	Closure term	5.3.2	5%	X	(604)	(615)	(250)	(896)	(315)
	Tailwater/Runoff	Estimated	5.3.2	5%		0	0	0	0	0
	Transfers & Exchange[a]	Measured	5.3.2	<5%		0	0	4,500	6,510	7,830

Notes:
[a] This volume of CVP water transferred to a willing buyer out of District and accounted for in both inflows and outflows.

Table 5-10: West Side SA Water Budget Analyses

Flow Type	Flow Component	Data Source	AWMP Location Supporting Calculation	Uncertainty (Percent)	Required?	2021 (AF)	2022 (AF)	2023 (AF)	2024 (AF)	2025 (AF)
Inflows	Post-1914 Rights	Measured	5.2.2	<5%	X	10,167	10,683	9,707	10,645	9,643
	CVP[a]	Estimated	5.2.2	<5%	X	0	0	2,500	2,500	2,500
	Effective Precipitation	Measured	5.2.2	<5%	X	961	2,879	3,663	3,258	1,418
	BBID Groundwater	Measured	5.2.2	<5%	X	N/A	N/A	0	0	0
	Groundwater (Private Pumping Estimate)	Estimated	5.2.2	30%	X	4,301	1,866	1,961	2,584	3,984
	Transfers & Exchange	Measured	5.2.2	20%	X	0	0	0	0	0
Outflows	ETc	Modeled	5.3.3	20%	X	15,429	15,428	15,322	16,467	14,952
	M&I Delivery	Measured	5.3.3	30%	X	N/A	N/A	9	20	93
	Evaporation	Estimated	5.3.3	30%		0	0	0	0	0
	Seepage	Estimated	5.3.3	5%		508	534	485	531	478
	Operational Spills	Estimated	5.3.3	5%		0	0	0	0	0
	Deep Percolation	Closure term	5.3.3	5%	X	(508)	(534)	(494)	(551)	(570)
	Tailwater/Runoff	Estimated	5.3.3	5%		0	0	0	0	0
	Transfers & Exchange[a]	Estimated	5.3.3	<5%				2,500	2,500	2,500

Notes:
[a] This volume of CVP water transferred to a willing buyer out of District and accounted for in both inflows and outflows.

5.5 WATER MANAGEMENT OBJECTIVES

Since the formation of the District, BBID has been committed to providing reliable water supply and water-related services in an environmentally sound and cost-effective manner while responsibly managing local water resources and ensuring customer satisfaction. BBID aspires to promote water management practices that align with the District's vision, mission, and values. The District strives to undertake the following:

- Protect, preserve, and enhance the District's historically acquired pre-1914 appropriative water rights together with managing the District's groundwater resources basin-wide, in cooperation with other water agencies.
- Provide District consumers and landowners with an efficient raw water distribution system.
- Encourage conservation and prudent management of water resources.
- Provide a safe working environment for all District employees and associated personnel.
- Foster a positive working relationship with all agricultural, municipal and industrial consumers, landowners, and other agencies.

To achieve these objectives, BBID has implemented the following water supply planning initatives:

1. System Modernization Improvement. As described in Section 2.2.4, the District has undertaken numerous CIPs to improve physical infrastructure and will continue to be an ongoing effort in the future. As part of this initiative, BBID has implemented a SCADA system to monitor and control the water diversion structures at the Byron SA and the Bethany SA. BBID aims to phase modernization of its system by extending a system-wide SCADA system to operate and control critical gates and structures, automate meter reading, and install variable frequency pumps. Automation of the system has led to increased water order flexibility and a reduction in lead time for water orders. Additionally, BBID intends to evaluate the conditions of the currently installed flowmeters and upgrade them to meet industry standards as necessary in the West Side SA. These upgrades will enable the District to improve its water management capabilities and provide efficient and reliable services to its customers.
2. System Efficiency Improvement. As described in Section 2.2.4 and Section 7.1, the District has implemented a number of canal lining projects and will continue its effort to install lining to the unlined canals to reduce water loss during conveyance. As shown in Table 6-1, the District completed some Capital Improvement Plan (CIP) projects to upgrade their control structures and pump stations to improve system efficiency. Also, the District is continually seeking any opportunity to operate the system more efficiently and minimize operational spills.
3. Water Supply Reliability. One of the District's goals is to provide reliable water service to their customers by diversifying its water supply portfolio. The District has several water sources including the pre-1914 and post-1914 water rights from Old River, CVP water, and the agreement with growers to purchase their privately pumped groundwater. In addition, the District seeks to secure additional water transfer agreement with other agencies to mitigate the potential water shortfall during drought periods. As described in Section 2.2.4, the District is also participating in the Sisk Dam raise project increasing San Luis Reservoir storage by 130,000 AF, which will provide 1,000 AF to BBID, which would provide additional reliability to the District.
4. Water Conservation. Promoting mindful and efficient water use among growers is crucial to reducing water demand. The District conducts public outreach meetings to encourage water conservation and provide support to its customers. Additionally, the District encourages growers

to upgrade their on-farm irrigation systems and support transition from flood irrigation to micro-irrigation systems. By doing so, growers can reduce their water consumption and increase the efficiency of their water use. BBID also works with its public relations department to develop documentaries and short films to demonstrate the value and benefits of on farm and conveyance system improvements. BBID maintains all of this information on its website and via its social media links. BBID's efforts to promote water conservation and support grower's adoption of more efficient irrigation systems will contribute to the overall sustainability of the District's water resources.

5.6 EFFICIENCY OF AGRICULTURAL WATER USE

Quantifying the efficiency of agricultural water use allows the water suppliers to understand the performance of their water system and informs where improvements can be made. DWR developed four methods to help water suppliers calculate water use efficiency. The method of water management fraction (WMF) is most applicable to BBID. The WMF represents the sum of applied water evaporation (ET_{AW}) and recoverable flows (RF) divided by the total applied water use (AW) as shown in Equation (2).

$$WMF = \frac{ET_{AW}+RF}{AW} \quad (2)$$

ET_{AW} represents the applied water component of evapotranspiration by subtracting the effective precipitation from the total crop evapotranspiration.

RF is assumed to be a function of applied water only. BBID's distribution system and irrigated lands have interconnection with the groundwater basin. The operational spill, canal seepage and deep percolation will return back to the District's system and/or infiltrate into the aquifer as the growers also pump groundwater to irrigate their crops. The recoverable flows include the agricultural apportion of operational spill and seepage and deep percolation from irrigation.

The AW flows include the surface water and groundwater supply that is used within the District service area.

The numerator in Equation 2 increase the applied water directly used for crop growth by the additional applied water that can be reused. When divided by the total applied water, the WMF represents the total water used for growth; a larger number is better.

Table 5-11 through Table 5-13 show the calculated WMF for 2021 to 2025 for each of the Service Areas.

Table 5-11: Water Use Efficiency Fraction Pre-1914 Area

	2021	2022	2023	2024	2025
ETc	19,690	20,883	18,242	21,379	20,354
Effective Precipitation	1,235	2,543	2,164	2,374	1,475
Evapotranspiration of Applied Water, ET_{AW} (AF)	18,455	18,340	16,078	19,006	18,878
Seepage	1,048	1,048	697	1,001	1,052
Deep Percolation	(1,199)	(1,096)	(885)	(1,190)	(1,239)
Operational Losses	0	0	0	0	0
Recoverable Flow, RF (AF)	(151)	(47)	(188)	(188)	(188)
Total Surface Water Applied	15,034	14,796	8,427	14,000	14,437
Total Groundwater Applied	3,458	3,685	7,651	5,006	4,441
Total Supply Water, AW (AF)	18,492	18,481	16,078	19,005	18,878
Water Management Fraction, WMF (AF)	99.00%	99.00%	98.80%	99.00%	99.00%

Table 5-12: Water Use Efficiency Fraction CVP Area

	2021	2022	2023	2024	2025
ETc	4,631	6,307	5,253	8,421	8,481
Effective Precipitation	61	555	515	737	224
Evapotranspiration of Applied Water, ET_{AW} (AF)	4,571	5,752	4,738	7,683	8,256
Seepage	259	217	207	257	234
Deep Percolation	(604)	(615)	(250)	(896)	(315)
Operational Losses	0	0	0	0	0
Recoverable Flow, RF (AF)	(345)	(398)	(43)	(639)	(81)
Total Surface Water Applied	3,870	2,675	2,860	3,740	3,342
Total Groundwater Applied	701	3,076	1,878	3,943	4,914
Total Supply Water, AW (AF)	4,571	5,752	4,738	7,683	8,256
Water Management Fraction, WMF (AF)	92.50%	93.10%	99.10%	91.70%	99.00%

Table 5-13: Water Use Efficiency Fraction Post-1914 Area

	2021	2022	2023	2024	2025
ETc	15,429	15,428	15,322	16,467	14,952
Effective Precipitation	961	2,879	3,663	3,258	1,418
Evapotranspiration of Applied Water, ET_{AW} (AF)	14,468	12,549	11,659	13,209	13,534
Seepage	508	534	485	531	478
Deep Percolation	(508)	(534)	(494)	(551)	(570)
Operational Losses	0	0	0	0	0
Recoverable Flow, RF (AF)	(0)	(0)	(9)	(20)	(93)
Total Surface Water Applied	10,167	10,683	9,698	10,625	9,550
Total Groundwater Applied	4,301	1,866	1,961	2,584	3,984
Total Supply Water, AW (AF)	14,468	12,549	11,659	13,209	13,534
Water Management Fraction, WMF (AF)	100.00%	100.00%	99.90%	99.80%	99.30%

The high WMF implies that BBID's water system and irrigation method is highly efficient in utilizing the District's water supplies to meet irrigation demand. The only irrecoverable flow in the water budget flow path is the evaporation loss from the distribution system.

6 CLIMATE CHANGE

The District recognizes that climate change could impact the timing and volume of water availability to their customers, and is committed to increasing the resilience of water supplies. This section discusses the potential impact of climate change to BBID's water supply and demand, and identifies actions to help mitigate the impacts.

6.1 EFFECTS OF CLIMATE CHANGE ON WATER SUPPLY

The local climate change snapshot tool and projected annual average charts available at Cal-Adapt were used to understand the projected changes in temperature, precipitation and wildfire within the BBID service area (Cal-Adapt, 2022a; Cal-Adapt, 2022b). The BBID service are is expected to experience an increase in the overall temperature, more severe weather conditions (i.e., more intense storms and droughts), and increased risks to wildfires. Additionally, sea level rise in the Bay Delta could affect the water quality and the ability to divert water.

6.1.1 CHANGES AS A RESULT OF TEMPERATURE AND PRECIPITATION FLUCTUATION

Snowpack in the Sierra Nevada is an important high quality water source for water users across California. Snowpack acts as a natural storage reservoir that lessens the need for reservoir capacity; during spring and summer, the snowpack gradually melts and releases water to Delta tributaries. Snowmelt in the Sierra Nevada has declined due to increasing temperature over the last century, with more precipitation falling as rain into surface water bodies instead of snow being stored as snowpack. Studies show that the Sierra Nevada snowpack is expected to continue to shrink due to global warming (Reich et al., 2018). As precipitation shifts to rain instead of snow, high runoff volumes will occur earlier in the year, prior to the summer irrigation season. BBID does not currently have surface water storage to capture early season runoff and store it for peak use, nor do many opportunities exist in the western delta upland area. The delta as a waterbody provides storage, which BBID relies upon. Additionally, runoff from precipitation falling as rain instead of snow can flush local contaminants into the surface water bodies (Fecht, 2019), potentially damaging BBID source water quality.

Although the current projection shows little change in average total annual precipitation in California during the next century, dry years are expected to become more frequent and precipitation is expected to be delivered in more intense storms and within a shorter wet season (Cal-Adapt, 2022a). The more intense storms may result in flooding and degradation of future water supply as fast-moving floodwaters erode and carry sediment downstream. The drier years increase the risk of drought and can reduce the available water supply.

6.1.2 CHANGES AS A RESULT OF SEA-LEVEL RISE

Another significant impact of global warming is sea-level rise which will increase high salinity seawater in the Delta (DWR, 2022). Increased seawater intrusion will require more surface water inflows to be directed to the ocean to repel the poorer quality water moving eastward from the shoreline into the Delta (DWR, 2022), allowing lower diversion volumes to downstream contractors.

Sea-level rise could cause flooding of the low-lying areas due to excessive stress on the Delta levees. BBID service area is within the boundaries of the Sacramento-San Joaquin Delta, therefore it could be affected by future sea-level rise.

6.2 EFFECTS OF CLIMATE CHANGE ON WATER DEMAND

The rising temperature and changing precipitation patterns may impact agricultural and M&I water demand.

6.2.1 CHANGES AS A RESULT OF WEATHER AND TEMPERATURE FLUCTUATION

Increased temperature will increase ETc and change irrigation demand within BBID. Irrigation demand is highest during the hot summer season during peak ETc (and low rainfall). An increase in summer temperatures will lead to an increase in ETc requiring higher water deliveries. Also, a longer period of high heat will force a longer irrigation season.

Additionally, if source water quality degrades due to factors discussed in Section 6.1, more irrigation water may be needed to leach out salt from the crop root zones to maintain crop viability.

6.2.2 CHANGES AS A RESULT OF CROP CHANGES

Increases to average temperature cause both summers and winters to increase in temperature. Winter chill is important for fruit and nut crops that require a certain number of hours below a crop-specific chilling temperature to promote leaf growth or flowering. The chilling period ensures that the crops do not flower early, and flower after winter conditions to optimize crop yields (California Environmental Protection Agency–Office of Environmental Health Hazard Assessment, 2018). BBID customers grow several types of fruit and nut crops and a potential decrease to winter chill may affect these crops.

Climate change impacts could potentially lead growers to change their crop types to more heat and drought-resilient crops.

6.3 POTENTIAL ACTIONS AND RESPONSES TO CHANGES

BBID is committed to continuously monitoring the key indicators of climate change and proactively developing solutions to mitigate the impacts on water supply availability. As discussed in Section 7, BBID's ongoing CIP highlights two efforts to limit water loss:

- Increase maintenance and construction of canal lining projects and canal-to-pipeline connections; and
- Upgrade the SCADA system to optimize the water conveyance system and minimize waste and reduce diversions while maintaining agricultural production.

Relevant CIP projects are shown in Table 6-1.

Table 6-1: BBID CIP Projects

Project	Status
Canal 45 North of Armstrong Road Canal Lining Project	Completed
Green A-Line and Green B-Line Pipe Replacement	Completed
Kellogg Creek-Canal 45 Radial Gate Replacement and Canal Lining	Completed
Pump Station 4 Replacement	Completed
Pump Station 2 Pipeline Replacement	Completed
R-Line Pipeline Replacement	In progress: design phase
Wicklund Cut Pump Station Rehabilitation	Design and funding phase
Byron and Bethany water control gate automation	Planning and funding phase
Canal Lining and Lining Rehabilitation Projects	Future planned
Pipeline Replacement Projects	Future planned
Smith Pumps Upgrade and Automation Project	In progress
SCADA/Telemetry Upgrade and Extension	In progress
Pump Station 1 North Upgrade (VFDs and new MCC)	Preliminary design; future funding phase

As part of adaptive management measures for climate change, BBID will continue to provide support and initiatives to their growers to improve irrigation efficiency and on-farm technologies.

7 WATER USE EFFICIENCY INFORMATION

This section describes BBID's efforts to improve Water Use Efficiency through the application of efficient water management practices (EWMPs.)

7.1 EWMP IMPLEMENTATION AND REPORTING

WC §10608.48 requires two types of critical EWMPs for all agricultural water suppliers:

1. Measure the volume of water delivered to customers with sufficient accuracy; and
2. Adopt a pricing structure for water customers based at least in part on quantity delivered.

The CWC also lists 14 conditional EWMPs that are required only if they are locally cost-effective and technically feasible.

BBID will continue implementing critical and conditional EWMPs as described in Table 7-1.

Table 7-1: Report of EWMPs Implemented/Planned

EWMP No.	EWMP	Implementation Status	Description
Critical EWMP - Water Code §10608.48.b			
1	Measure water deliveries with sufficient accuracy	Implemented in the Pre-1914 Byron SA, the Bethany SA and the Plain View SA, ongoing in the West Side SA	For decades, the District has measured deliveries at each farm turnout with flowmeters. BBID measures flow at the intake diversions with Water Specialty brand propeller type meters for all pump discharge except the pump to Mountain House SA, which is measured by a Magmeter flowmeter. The turnout flowmeters are inspected on an annual basis as well as factory tested on a rotational schedule. All meters have an accuracy of ±2% certified on an annual basis. BBID maintains a database of customer turnout delivery data and aggregates by service area. BBID complies with the terms of its 2003 Agreement with DWR regarding the diversion of water from the Delta by providing daily records of diversions from the intake channel to DWR. Some turnouts within the newly consolidated West Side SA lack electronic flowmeters and manual water measurements are required. The District will conduct an assessment of existing condition of turnouts in the West Side SA.
2	Adopt a pricing structure for water customers based at least in part on quantity delivered	Implemented	The District has used volumetric pricing for agricultural water use since 1965. For all parcels greater than 2 acres, the District charges on a per AF basis. For parcels of 2 acres or less, there is an interruptible annual flat rate water service charge and there is no volumetric pricing. Parcels of 2 acres or less constitute less than 2% of all parcels served.
Conditional EWMP - Water Code §10608.48.c			

EWMP No.	EWMP	Implementation Status	Description
3	Facilitate Alternate Land Use	Implemented/Ongoing	According to CWC §10608.48 (c)(1), this EWMP is the facilitation of alternative land use for lands with exceptionally high-water duties or whose irrigation contributes to drainage and other signification problems. As discussed in Section 2.1.2, the majority of the District is prime farmland and is used for agricultural purposes though some farmland has been developed for municipal uses (MHCSD) due to external drivers in the last 20 years. BBID addressed this change of land use within its Bethany SA and provides raw water to the Mountain House SA and the Tracy Hills SA (MHCSD; see Appendix G for the resolution regarding MHCSD and city of Tracy UWMP).
4	Facilitate Use of Recycled Water	Conceptual planning ongoing	In 2001, the District conducted a system-wide recycled water feasibility study to analyze the integration of recycled water supplies into BBID water resources. In 2009, a recycled water pipeline feasibility study was conducted to provide supply to the Mariposa Energy Project, though it was deemed economically infeasible. Through these efforts, the District has sought out the possibility of using recycled water and most internal opportunities were deemed to be economically infeasible. However, the District continues to pursue recycled water use with regional partners and will continue to do so. Currently, the District is engaged in preliminary studies with the city of Tracy to potentially receive recycled water from the city of Tracy in the West Side SA to diversify its water supply portfolio.
5	Facilitate Financing of On-Farm Irrigation Systems	Not implemented	BBID's priority is to provide water to its customers at the lowest cost. The District does not have the resources to finance on-farm irrigation system capital improvements though landowners continue to make on-farm irrigation efficiency improvements to increase yields.
6	Incentive Pricing Structure	Implemented	The District uses volumetric pricing for water deliveries. No tiered pricing is planned since current growers have near maximum efficiencies, and tiered pricing is not expected to yield greater water efficiency. Growers in the District are very efficient with their water: over 90% of the row crops are irrigated with drip irrigation. The majority of all farms in the District are on drip or micro-spray irrigation.
7	Conveyance and Storage Infrastructure	Implemented/Ongoing	According to CWC §10608.48 (c)(1), this EWMP includes expanding lined or pipe distribution systems, decreasing maintenance, and reducing seepage. The District's CIP includes several projects that will decrease maintenance and reduce seepage. The District is continually

EWMP No.	EWMP	Implementation Status	Description
			maintaining existing canal lining and installing new lining. Table 6-1 shows some of the completed, in progress, and future projects that will decrease maintenance and reduce seepage. The District is currently developing CIP for the newly consolidated West Side SA to improve their agricultural water use efficiency.
8	Water Ordering Flexibility	Implemented/Ongoing	The District is using its CIP to increase order flexibility and decrease lead time for water orders. The District has SCADA system monitoring and control north and south of the Intake Channel (Byron SA and Bethany SA), using a mobile SCADA platform that allows canal operators more flexibility with water orders from any location in the SA by making real-time changes to canal flows. The District is currently reviewing the feasibility of developing a SCADA telemetry system that will allow them to expand their SCADA capabilities further north in the Byron SA, further south in the Bethany SA, and the West Side SA.
9	Spill and Tail-Water Recovery	Implemented	The District has approximately 7 miles of subsurface drains. As discussed in this AWMP, growers in the District have high efficiencies and runoff is minimal. The District's operational outflows are kept to a minimum in the Byron SA and the Bethany SA. In the Plain View SA, runoff is practically zero. The District continues to seek any opportunity to minimize operational spills and efficiently manage water deliveries throughout the District. In the West Side SA, tailwater and runoff is recaptured to convey into Wicklund Cut.
10	Conjunctive Use of Groundwater	Ongoing	Opportunities for groundwater use and development are limited in the District. Historically, BBID has fully relied on surface water supplies with groundwater as a supplement in drought or restricted supply years. The District is a GSA for the Tracy Subbasin and the ECC Subbasin. As a GSA, BBID is working cooperatively with surrounding agencies, cities, and counties to manage groundwater resources in a responsible, sustainable manner. BBID will also continue to look for opportunities for future conjunctive use.
11	Automation	Implemented/Ongoing	The District is reviewing the feasibility of extending its SCADA system automation for the Byron SA and the Bethany SA. BBID has SCADA control and monitoring at Pumping Plant 1 North and at all major facilities in the Bethany SA and the Mountain House SA. A SCADA telemetry plan is being reviewed for feasibility for extending further north into the Byron SA and further south into the Bethany SA to enable more automation of canal control structures and pump stations. Also, as part

EWMP No.	EWMP	Implementation Status	Description
			of this effort, Pumping Station 5 was automated and a radial gate on Canal 45 was automated in 2018.
12	Facilitate Customer Pump Testing	Not Implemented	Because BBID has historically relied on surface water in nearly all years with very limited groundwater for water supply, providing groundwater pump testing for its customers has not been necessary. Customers rely on their power supplier (Pacific Gas & Electric) for pump testing service.
13	Water Conservation Coordinator	Implemented	The District has designated Nader Shareghi as the Water Conservation/Schedule Coordinator; contact information is shown below. **Nader Shareghi, P.E. DM, NSPE-CA** **Assistant General Manager** **Byron-Bethany Irrigation District** **7995 Burns Road** **Byron CA 94514** **(209)835-0375** **n.shareghi@bbid.org** **Website: bbid.org**
14	Technical Assistance	Implemented/Ongoing	BBID coordinates irrigation delivery scheduling with all growers and encourages efficient use of water. Additionally, BBID provides intake channel flow data and water quality data to growers upon request. ET rates are available to growers from CIMIS in the vicinity of the District (Station 47 Brentwood and Station 71 Modesto). ET data can be used by growers for irrigation scheduling and maximization of irrigation efficiency.
15	Evaluate Policies	Ongoing	The District believes that there are three basic components to a water delivery service: equity, reliability, and flexibility. When considering modifications to District policies and facilities, BBID is aware of the significance of optimizing these components. The District believes it is also important to recognize the evolving demands of the water users, based on improved water management practices, and to incorporate the means to meet the demands by updating and enhancing District policies as necessary.
16	Water Supplier Pump Efficiency	Ongoing	Since 1964, BBID has been testing pumps of its water supply conveyance system for efficiency and maintaining the pumps to increase the efficiency. As part of the CIP, BBID has replaced, rebuilt, or has plans to replace all of the major pumping stations in the District within

EWMP No.	EWMP	Implementation Status	Description
			the next 10 years. A new VFD type pump was installed on Pumping Station 1S, and Pumping Stations 3, 4 and 5 have been replaced. Pumping Stations 1N, 2 and Smith are planned for replacement with VFDs.

7.2 EWMPS EFFICIENCY IMPROVEMENTS

Quantification of the improvements in water use efficiency is challenging due to the complexity of the system, variable water supply, limited implementation periods, and incomplete data for evaluation. However, a qualitative assessment based on completed and proposed projects and policies is a feasible approach to gauge the level of efficiency improvements. Table 7-2 provides an estimate of the water use efficiency improvements for each EWMP since the 2020 AWMP and the anticipated improvements to occur in five and ten years. The improvements are qualitatively estimated as denoted ranging from None, Limited, Moderate, and Significant.

Table 7-2: Report of EWMPs Efficiency Improvements

EWMP No.	EWMP	Estimate of Water Use Efficiency Improvements That Occurred Since Last Report	Estimated Water Use Efficiency Improvements 5 and 10 years in future
		Critical EWMP - Water Code §10608.48.b	
1	Measure water deliveries with sufficient accuracy	**Limited** The installed flowmeters in the Byron SA, the Bethany SA, and the Plain View SA help the District measure water deliveries to monitor the water use. The flowmeters are inspected regularly to ensure accuracy. Minor improvement has been made since the last report because the existing flowmeters were already installed with proven accuracy.	**Moderate** The District is conducting an assessment of the turnout flow measurements that are currently made in the West Side SA and the feasibility of equipping every turnout with a flowmeter there or continuing headgate measurements if sufficiently accurate. Moderate water efficiency improvement may be made over the next 5 to 10 years to comply with water measurements provision of Water Code §10608.48(b).
2	Adopt a pricing structure for water customers based at least in part on quantity delivered	**Moderate** The District adopted volumetric pricing for agricultural water use since 1965. The volumetric water pricing varies across different service areas to reflect the cost of water for different water sources. The District conducted a study in 2016 to examine the cost of service for delivering agricultural water. The District's Board adopted an increase to the water rates in 2017 but with the consideration of softening the blow to the growers. Moderate improvement has been made.	**Moderate** The District will continue to implement the established volumetric pricing structure at a uniform water rate, which is different across the six service areas, for all agricultural water deliveries. Moderate improvement is anticipated to be made.
		Conditional EWMP - Water Code §10608.48.c	
3	Facilitate Alternate Land Use	**Significant** As discussed in Table 7-1, some farmland within the Bethany SA has been developed for municipal uses and became part of the MHCSD due to external drivers in the past decades. To accommodate this change of land use, the District had an agreement with the MHCSD District to provide raw M&I water to the Mountain House SA. Significant improvement has been made.	**Moderate** The MHCSD, now the city of Mountain House, continues to expand to meet the growing demand for more development, with all new construction meeting new efficient building and water use standards. BBID will continue to provide raw water service to the growing water demand in the Mountain House SA in the future. Significant improvement in efficiency is anticipated to be made.
4	Facilitate Use of Recycled Water	**Limited**	**Moderate**

EWMP No.	EWMP	Estimate of Water Use Efficiency Improvements That Occurred Since Last Report	Estimated Water Use Efficiency Improvements 5 and 10 years in future
		The District has been actively seeking the possibility of using recycled water in the last decade. The District has been working closely with the neighboring city to look into the potential opportunities to facilitate the use of recycled water between agencies. The facilitation with the city of Tracy was still at conceptual planning phase since the last AWMP report, so limited improvement in efficiency has been made.	The District is currently engaged in preliminary studies with the city of Tracy to potentially receive recycled water from the city of Tracy to diversify its water supply portfolio. The District will continue to pursue recycled water use opportunities with regional partners. Moderate improvement is anticipated to be made.
5	Facilitate Financing of On-Farm Irrigation Systems	**None** Although the District does not have the resources to finance on-farm irrigation system capital improvement, the District has been supporting growers to shift from flood to drip irrigation.	**None** The District will continue to support growers to convert from flood to drip irrigation.
6	Incentive Pricing Structure	**Limited** Although no tiered pricing is implemented or planned because most growers are using water near their maximum efficiencies, the current volumetric pricing structure also encourages growers to use water wisely and efficiently.	**Limited** The District will continue to implement the volumetric pricing structure for agricultural water deliveries.
7	Conveyance and Storage Infrastructure	**Significant** The District completed a number of CIP projects on pump stations upgrade and canal lining as shown in Table 6-1. The completed projects have made significant improvements to the water distribution and conveyance system.	**Significant** The District will continue to investigate the feasibility and invest in CIP projects to increase the water system's efficiency. Also, the District is currently developing a CIP for the newly consolidated West Side SA to improve their agricultural water use efficiency.
8	Water Ordering Flexibility	**Moderate** With the installation of the SCADA system for the Byron SA and the Bethany SA, the District increases water order flexibility and decreases lead time for water orders. Moderate improvement in efficiency.	**Moderate** The District continues to seek opportunities to increase water ordering flexibility. The District is currently reviewing the feasibility of expanding the SCADA telemetry system will allow them to expand their SCADA capabilities in the Byron SA, the Bethany SA, and the West Side SA.
9	Spill and Tail-Water Recovery	**Moderate** The District believes that the runoff is relatively minimal in the Byron SA, the Bethany SA, and the Plain View SA because the growers are mostly on	**Moderate** The District continues to seek any opportunity to minimize operational spills and efficiently manage water deliveries throughout the District.

EWMP No.	EWMP	Estimate of Water Use Efficiency Improvements That Occurred Since Last Report	Estimated Water Use Efficiency Improvements 5 and 10 years in future
		drip irrigation. Also, the installation of the SCADA system allows the operators to monitor data in real-time in order to make the necessary adjustment on operation to minimize spills. Moderate improvement has been made.	The SCADA system installation projects that are being reviewed will help the operators to further reduce operational spills. Moderate improvement is anticipated to be made.
10	Conjunctive Use of Groundwater	**None** Opportunities for groundwater use and development are limited in the District. However, as a GSA, the District is working cooperatively with surrounding agencies, cities, and counties to manage the basins in a responsible, sustainable manner.	**Limited** The District will continue to be a responsible GSA to work closely with the other agencies to manage the Tracy Subbasin and the ECC Subbasin. The District will also continue to look for opportunities for future conjunctive use.
11	Automation	**Significant** As discussed previously, the District completed several CIP projects to install the SCADA system to automate controls at canals and pump stations within the Bethany SA. The installed SCADA system significantly improved water efficiency through allowing the operator to make real-time operational decisions and monitor data in real time.	**Significant** The District is currently reviewing the feasibility of expanding the SCADA telemetry system in the Byron SA, the Bethany SA, and West Side SA. Significant improvement is anticipated to be made.
12	Facilitate Customer Pump Testing	**None** As emphasized in Table 7-1, this EWMP is not implemented.	**None** The District doesn't have plans to implement this EWMP in the next 5 to 10 years.
13	Water Conservation Coordinator	**Limited** A new Water Coordinator was appointed since the last AWMP report. As described in the Drought Plan, several water conservation measures will be made to address the issues of reduced water supply during drought conditions.	**Limited** The new Water Conservation Coordinator will continue to contribute effort to promote water conservation to the growers.
14	Technical Assistance	**Limited** The District coordinates with growers on irrigation delivery scheduling and makes intake channel flow data, water quality data, hydrological data available to the growers upon request. Very limited improvement has been made.	**Limited** The District will continue to provide current assistance to the growers to help them maximize their efficiency.
15	Evaluate Policies	**Limited** Whether a policy can improve the District's water use efficiency has been one of the important elements when evaluating them.	**Limited** The District will continue to do the same in the future.

EWMP No.	EWMP	Estimate of Water Use Efficiency Improvements That Occurred Since Last Report	Estimated Water Use Efficiency Improvements 5 and 10 years in future
16	Water Supplier Pump Efficiency	**Moderate** The District has been testing pumps to evaluate their efficiency and maintaining them to increase efficiency. As shown in Table 6-1, the District completed the Pump Station 4 Replacement project since the last report and made some moderate improvement on efficiency.	**Significant** As part of the CIP, the District has been planning to replace all of the major pump stations in the future. The new/upgraded pump stations will significantly improve the pump efficiency therefore increasing the water use efficiency.

7.3 SCHEDULE AND BUDGET ALLOTMENT TO IMPLEMENT EWMPS

Table 7-3 summarizes the schedule and budget allotment for implementing the EWMPs. The budget allotments provided in Table 7-3 may not be particularly assigned to a specific EWMP and may be allocated across multiple EWMPs, therefore they are not additive. The amounts presented have been rounded to the nearest $100 and are applicable only to the 2026 budget year.

Table 7-3: Schedule and Budget Allotment to Implement EWMPs

EWMP No.	EWMP	Implementation Schedule	Finance Plan	Budget Allotment
Critical EWMP - Water Code §10608.48.b				
1	Measure water deliveries with sufficient accuracy	Implemented in the Byron SA, the Bethany SA, and the Plain View SA, and ongoing in the West Side SA	BBID Approved 2026 Budget	$500,000
2	Adopt a pricing structure for water customers based at least in part on quantity delivered	Implemented	BBID Approved 2026 Budget	N/A
Conditional EWMP - Water Code §10608.48.c				
3	Facilitate Alternate Land Use	Implemented/Ongoing	BBID Approved 2026 Budget	N/A
4	Facilitate Use of Recycled Water	Conceptual planning ongoing	BBID Approved 2026 Budget	$0
5	Facilitate Financing of On-Farm Irrigation Systems	Not implemented	BBID Approved 2026 Budget	N/A
6	Incentive Pricing Structure	Implemented	BBID Approved 2026 Budget	
7	Conveyance and Storage Infrastructure	Implemented/Ongoing	BBID Approved 2026 Budget	$2,000,000 (Total CIP Budget)
8	Water Ordering Flexibility	Implemented/Ongoing	BBID Approved 2026 Budget	$50,000
9	Spill and Tail-Water Recovery	Implemented	BBID Approved 2026 Budget	$2,000
10	Conjunctive Use of Groundwater	Ongoing	BBID Approved 2026 Budget	$50,000
11	Automation	Implemented/Ongoing	BBID Approved 2026 Budget	$50,000
12	Facilitate Customer Pump Testing	Not Implemented	BBID Approved 2026 Budget	N/A
13	Water Conservation Coordinator	Implemented	BBID Approved 2026 Budget	$182,600
14	Technical Assistance	Implemented/Ongoing	BBID Approved 2026 Budget	
15	Evaluate Policies	Ongoing	BBID Approved 2026 Budget	
16	Water Supplier Pump Efficiency	Ongoing	BBID Approved 2026 Budget	$2,000,000 (Total CIP Budget)

7.4 DOCUMENTATION FOR NON-IMPLEMENTED EWMPS

Table 7-4 documents the EWMPs that are not-technically feasible and/or not locally cost-effective to the District. However, the District may re-evaluate these EWMPs if they become more viable to the District to improve water use efficiency in the future.

Table 7-4: Non-Implemented EWMPs Documentations

EWMP No.	EWMP	Technically Infeasible	Not Locally Cost-effective	Justification/Documentation
5	Facilitate Financing of On-Farm Irrigation Systems		X	The District does not have the resources to finance on-farm irrigation system capital improvements though landowners continue to make on-farm irrigation efficiency improvements to increase yields.
12	Facilitate Customer Pump Testing		X	Because BBID has historically relied on surface water in nearly all years with very limited groundwater for water supply, providing groundwater pump testing for its customers has not been necessary. Customers rely on their power supplier (Pacific Gas & Electric) for pump testing service.

8 SUPPORTING DOCUMENTATION

8.1 AGRICULTURAL WATER MEASUREMENT REGULATION DOCUMENTATION

The District supplies water to less than 25,000 acres and is not required to complete this section.

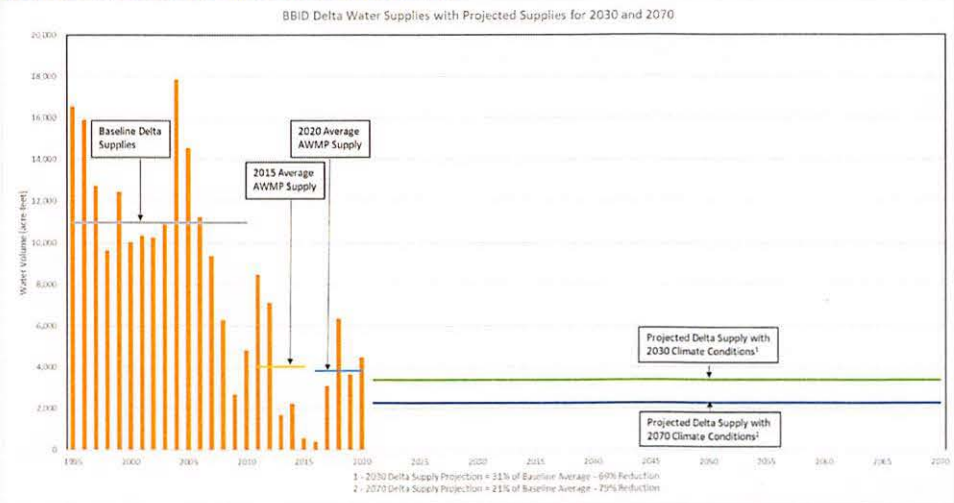
8.2 DELTA PLAN CONSISTENCY

To provide "the expected outcome for measurable reduction in Delta reliance", baseline historic Delta supplies delivered to BBID were compared to supplies delivered over the past decade. Additionally, Delta supply reduction projections were made for comparison and future planning. For the purposes of comparison, the historic baseline period selected begins in 1995 and ends in 2010 because it is consistent with the typical historic water budget reporting period included in the recently completed Groundwater Sustainability Plans. This period provides a reasonable time frame for assessing average current conditions and to demonstrate consistency with reduced Delta reliance after enactment of the Delta Reform Act (2009). Table 8-1 below presents historic and projected Delta supplies under modeled climate and regulatory scenarios. BBID continues to evaluate operational, infrastructure, and regional partnership measures to maintain supply reliability for its service areas.

Table 8-1: Historic Average Annual Delta Supplies vs. Projected Average Annual Delta Supplies

Value	Baseline Delta Supplies (1995-2010)	2015 Conditions Delta Supplies	2020 Conditions Delta Supplies	2030 Climate Conditions Delta Supplies	2070 Climate Conditions Delta Supplies
Average Annual Supplies (AF)	10,985	4,027	3,815	3,380	2,265
Percent of Baseline Supply	n/a	37%	35%	31%	21%
Percent Reduction in Supplies	n/a	63%	65%	69%	79%

Figure 8-1: Historic, 2015 and 2020 AWMP and Projected Delta Supplies



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Appendix A: Agricultural Water Management Plan Checklist

AWMP* Location	Guidebook Location	Description	Water Code Section (or as identified)
1	1.4	AWMP Required?	10820, 10608.12
N/A	1.4	At least 25,000 irrigated acres	10853
N/A	1.4	10,000 to 25,000 acres and funding provided	10853
1.3.1	1.4	April 1, 2021 update	10820 (a)
1.3.2	1.4 A.2	Added to the Water Code: AWMP submitted to DWR no later than 30 days after adoption; AWMP submitted electronically	New to the Water Code: 10820(a)(2)(B)
1	1.4 B	5-year cycle update	10820 (a)
N/A	1.4 B	New agricultural water supplier after December 31, 2012 - AWMP prepared and adopted within 1 year	10820 (b)
N/A	1.6, 5	USBR water management/conservation plan:	10828(a)
N/A	1.6, 5.1	Adopted and submitted to USBR within the previous four years, AND	10828(a)(1)
N/A	1.6, 5.1	The USBR has accepted the water management/conservation plan as adequate	10828(a)(2)
3.4	1.4.B	UWMP or participation in area wide, regional, watershed, or basin wide water management planning: does the plan meet requirements of SB X7-7 2.8	10829
1.1	3.1 A	Description of previous water management activities	10826(d)
1.2.2	3.1 B.1	Was each city or county within which supplier provides water supplies notified that the agricultural water supplier will be preparing or amending a plan?	10821(a)
1.2.2	3.2 B.2	Was the proposed plan available for public inspection prior to plan adoption?	10841
1.2.2	3.1 B.2	Publicly-owned supplier: Prior to the hearing, was the notice of the time and place of hearing published within the jurisdiction of the publicly owned agricultural water supplier in accordance with Government Code 6066?	10841
1.2.2	3.1 B.2	14 days notification for public hearing	GC 6066
1.2.2	3.1 B.2	Two publications in newspaper within those 14 days	GC 6066
1.2.2	3.1 B.2	At least 5 days between publications? (not including publication date)	GC 6066
1.2.2	3.1 B.2	Privately-owned supplier: was equivalent notice within its service area and reasonably equivalent opportunity that would otherwise be afforded through a public hearing process provided?	10841
1.2.2	3.1 C.1	After hearing/equivalent notice, was the plan adopted as prepared or as modified during or after the hearing?	10841
1.2.2	3.1 C.2	Was a copy of the AWMP, amendments, or changes, submitted to the entities below, no later than 30 days after the adoption?	10843(a)
	3.1 C.2	The department.	10843(b)(1)
1.2.2	3.1 C.2	Any city, county, or city and county within which the agricultural water supplier provides water supplies.	10843(b)(2)

AWMP* Location	Guidebook Location	Description	Water Code Section (or as identified)
1.2.2	3.1 C.2	Any groundwater management entity within which jurisdiction the agricultural water supplier extracts or provides water supplies.	10843(b)(3)
1.3.3	3.1 C.3	Adopted AWMP availability	10844
1.3.3	3.1 C.3	Was the AWMP available for public review on the agricultural water supplier's Internet Web site within 30 days of adoption?	10844(a)
1.3.3	3.1 C.3	If no Internet Web site, was an electronic copy of the AWMP submitted to DWR within 30 days of adoption?	10844(b)
1.4	3.1 D.1	Implement the AWMP in accordance with the schedule set forth in its plan, as determined by the governing body of the agricultural water supplier.	10842
2	3.3	Description of the agricultural water supplier and service area including:	10826(a)
2.1.1	3.3 A.1	Size of the service area.	10826(a)(1)
2.1.1	3.3 A.2	Location of the service area and its water management facilities.	10826(a)(2)
2.1.2	3.3 A.3	Terrain and soils.	10826(a)(3)
2.1.3	3.3 A.4	Climate.	10826(a)(4)
2.2	3.3 B.1	Operating rules and regulations.	10826(a)(5)
2.2.2	3.3 B.2	Water delivery measurements or calculations.	10826(a)(6)
2.2.3	3.3 B.3	Water rate schedules and billing.	10826(a)(7)
2.2.4	3.3 B.4	Water shortage allocation policies and detailed drought plan	10826(a)(8) 10826.2
3	3.4	Water uses within the service area, including all of the following:	10826(b)(5)
3.1	3.4 A	Agricultural.	10826(b)(5)(A)
3.2	3.4 B	Environmental.	10826(b)(5)(B)
3.3	3.4 C	Recreational.	10826(b)(5)(C)
3.4	3.4 D	Municipal and industrial.	10826(b)(5)(D)
3.5	3.4 E	Groundwater recharge, including estimated flows from deep percolation from irrigation and seepage	10826(b)(5)(E)
4	3.5 A	Description of the quantity of agricultural water supplier's supplies as:	10826(b)
4.1.1	3.5 A.1	Surface water supply.	10826(b)(1)
0	3.5 A.2	Groundwater supply.	10826(b)(2)
4.1.3	3.5 A.3	Other water supplies, including recycled water	10826(b)(3)
4.1.3	3.5 A.4	Drainage from the water supplier's service area.	10826(b)(6)
4.2	3.5 B	Description of the quality of agricultural waters suppliers supplies as:	10826(b)
4.2.1	3.5 B.1	Surface water supply.	10826(b)(1)
0	3.5 B.2	Groundwater supply.	10826(b)(2)
4.2.3	3.5 B.3	Other water supplies.	10826(b)(3)
4.2.4	3.5 C	Source water quality monitoring practices.	10826(b)(4)
5, 5.1,5.2,5.3,5.4		Added to Water Code:	Added to Water Code 10826(c)

AWMP* Location	Guidebook Location	Description	Water Code Section (or as identified)
	3.6	Annual water budget based on the quantification of all inflow and outflow components for the service area.	
5.5	3.7 C	Added to Water Code: Identify water management objectives based on water budget to improve water system efficiency	Added to Water Code 10826(f)
5.6	3.8 D	Added to Water Code: Quantify the efficiency of agricultural water use	Added to Water Code 10826(h)
0	3.9	Analysis of climate change effect on future water supplies analysis	10826(d)
7	4	Water use efficiency information required pursuant to § 10608.48.	10826(e)
7.1	4.1	Implement efficient water management practices (EWMPs)	10608.48(a)
7.1	4.1 A	Implement Critical EWMP: Measure the volume of water delivered to customers with sufficient accuracy to comply with subdivision (a) of §531.10 and to implement paragraph (2).	10608.48(b)
7.1	4.1 A	Implement Critical EWMP: Adopt a pricing structure for water customers based at least in part on quantity delivered.	10608.48(b)
7.1	4.1 B	Implement additional locally cost-effective and technically feasible EWMPs	10608.48(c)
7.1	4.1 C	If applicable, document (in the report) the determination that EWMPs are not locally cost- effective or technically feasible	10608.48(d)
7.1	4.1 C	Include a report on which EWMPs have been implemented and planned to be implemented	10608.48(d)
7.1	4.1 C	Include (in the report) an estimate of the water use efficiency improvements that have occurred since the last report, and an estimate of the water use efficiency improvements estimated to occur five and 10 years in the future.	10608.48(d)
N/A	5	USBR water management/conservation plan may meet requirements for EWMPs	10608.48(f)
N/A	6 A	Lack of legal access certification (if water measuring not at farm gate or delivery point)	CCR, title 13, §597.3(b)(2)(A)
N/A	6 B	Lack of technical feasibility (if water measuring not at farm gate or delivery point)	CCR, title 13, §597.3(b)(1)(B), §597.3(b)(2)(B)
N/A	6 A, 6 B	Delivery apportioning methodology (if water measuring not at farm gate or delivery point)	CCR, title 13, §597.3.b(2)(C),
N/A	6 C	Description of water measurement BPP	CCR, title 13, §597.4(e)(2)
N/A	6 D	Conversion to measurement to volume	CCR, title 13, §597.4(e)(3)
N/A	6 E	Existing water measurement device corrective action plan? (if applicable, including schedule, budget and finance plan)	CCR, title 13, §597.4(e)(4))

Appendix B: Coordination Activities: Public Notification of Agricultural Water Management Plan Preparation

Commented [BM4]: P&P: Appendices B through G currently contain only their title headings -- no actual attached content (checked the underlying file directly; there's no embedded object or document of any kind after the Appendix A checklist). The plan's narrative text elsewhere says specific items are 'included' in these -- e.g. the Board resolution in Appendix C, the Rules and Regulations in Appendix D, meter calibration certifications in Appendix E, the 2017 rate resolution in Appendix F, and the MHCSD/Tracy UWMP resolutions in Appendix G. Please confirm whether these exhibits were meant to be inserted before this went out for public review, or are being added at a later draft stage, and attach/insert them accordingly.

Appendix C: Agricultural Water Management Plan Update Resolution

Appendix D: BBID Rules and Regulations

Appendix E: Meters Inspection & Calibration Certification

Appendix F: 2017 Water Rate Charge Resolution

Appendix G: Urban Water Management Plan Resolution

JComm, Inc.

SUMMARY REPORT

Byron-Bethany Irrigation District

September 2026

PROJECT: Manage BBID & Byron San Websites

- Updated website with new content & information
- Made progress resolving urgent web issue (back-end server issue & site corruption)
- Posted draft Agricultural Water Management Plan; updated page

Project Status: Ongoing

PROJECT: News & Social Media

- Prepared news release on updated CVP allocation
- Monitored social media accounts of water districts and media outlets

Project Status: Ongoing

PROJECT: Harder/Wicklund Video

- Completed edit and finalized video

Project Status: Complete

PROJECT: ACWA Conference & Committee Meetings

- Joined ACWA Communications Subcommittee & registered for upcoming meeting

Project Status: Ongoing

Report Submitted by: Nick Janes
Date: 10/01/2