



MANAGING RESOURCES FOR A BETTER FUTURE

DIRECTORS
NICK BRUNO, PRESIDENT
JEFFREY D. COULTHARD, VICE PRESIDENT
SHANNON SIMONIAN, TREASURER
ERIC BREAM
MATT CERNIGLIA
MIKE DELAGUERRA
HENK GRIFFIN

JULIA D. STORNETTA, GENERAL MANAGER/SECRETARY
MIKE CUTTONE, ASSISTANT TREASURER
BRIAN EHLERS, DISTRICT ENGINEER
LAUREN D. LAYNE, LEGAL COUNSEL

REGULAR MEETING OF THE BOARD OF DIRECTORS

will be held on

Monday, July 10, 2023

11:00 a.m.

at

**The Lodge at Riverstone
370 Lodge Road South
Madera, California 93636**

1. CALL TO ORDER

2. PUBLIC COMMENT

Members of the public may address the Board on any matter related to the District that is not included on the Agenda. Comments are limited to five (5) minutes per person.

3. POTENTIAL CONFLICT(S) OF INTEREST

(Any Board member who has a potential conflict of interest may now identify the item and recuse himself or herself from discussing and voting on the matter.)

4. CONSENT CALENDAR – Review and Consider for Action:

- a. Approval of minutes of the Special Board Meeting on June 12, 2023.
- b. Acceptance of the financial statements for the month of May 2023.
- c. Approval of customer installment payment plans for delinquent accounts.

5. CORRESPONDENCE

(Members of the Board or Staff may provide comment on any timely matter related to the District that is not included on the agenda.)

6. BOARD ACTION ITEMS - The Board may take action on any of the following items:

- a. **Water Supply Contingency Plan** – Review and take action to adopt a District Water Supply Contingency Plan.
- b. **Agricultural System Expansion** – Review and consider action to approve a change order in the amount of \$49,800.92.
- c. **ACWA Appointment** – Review and consider action to appoint District Counsel Lauren Layne to the Association of California Water Agencies (ACWA) Legal Affairs and State Legislature Committees.
- d. **Storm Drain Facility Agreement** – Review and consider action to authorize the board president to sign an agreement with BN Riverstone 2 LP related to storm drain facilities.

7. DISTRICT ENGINEER’S REPORT - The Board may take action on any of the following items:

- a. Operations Monthly Report
- b. Other District Matters

8. LEGAL COUNSEL REPORT – The Board may take action on any of the following items:

- a. Legislation
- b. Other District Matters

9. GENERAL MANAGER’S REPORT – The Board may take action on any of the following items:

- a. Monthly Operations
- b. Other District Matters

10. COMMUNITY FACILITIES DISTRICT (CFD) – The Root Creek Water District Board of Directors acting as the Board of Directors of the Community Facilities District may take action on any of the following items:

- a. Review and consider action to adopt Resolution of Intention No. 2023-7-10a to establish Community Facilities District No. 2023-1 and to authorize the levy of a special tax.
 - i. Rate and Method of Apportionment
 - ii. Boundary
- b. Review and consider action to adopt Resolution of Intention 2023-7-10b to incur bond indebtedness within Community Facilities District No. 2023-1 of the Root Creek Water District.

11. ADJOURN

- Items on the Agenda may be taken in any order.
- Action may be taken on any item listed on the Agenda.
- Writings relating to open session Agenda items that are distributed to members of the Board of Directors will be available for inspection at the District office, excluding writings that are not public records or are exempt from disclosure under the California Public Records Acts.

- **ACCOMMODATIONS FOR PERSONS WITH DISABILITIES**

A person with a qualifying disability under the Americans With Disabilities Act of 1990 may request the District to provide a disability-related modification or accommodation in order to participate in any public meeting of the District. Such assistance includes appropriate alternative formats for the agendas and agenda packets used for any public meetings of the District. Requests for such assistance and for agendas and agenda packets shall be made in person, by telephone, or by written correspondence to the District at (559) 970-8778 or P.O. Box 27950, Fresno, California 93729, at least 48 hours before a District meeting.



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**Minutes of the Meeting of the Board of Directors
Root Creek Water District
held on
June 12, 2023**

1. Call to Order

The board meeting for the Root Creek Water District (RCWD) was called to order at 11:02 a.m. by President Nick Bruno. Board members present were Nick Bruno, Jeff Coulthard, Shannon Simonian, Mike DelaGuerra, Eric Bream and Henk Griffin. Board members absent were Matthew Cerniglia. Members of the public included Julia Stornetta, Lauren Layne, Nicole Stornetta, Heather Bashian, Brian Ehlers, and Craig Armstrong.

2. Public Comment

The district received no public comment.

3. Potential Conflicts of interest

There were no potential conflicts of interest.

4. Consent Calendar

A motion was made by Director DelaGuerra, seconded by Director Coulthard to approve the minutes from the May 8, 2023 board meeting and to accept the April 2023 financials, with a change to item 6e. of the minutes to indicate that the motion was made by Director Coulthard and seconded by Director Cerniglia. The motion carried.

5. Correspondence

There was no correspondence.

6. Board Action Items

- a. **District Treasurer Appointment** – Board President Bruno appointed Director Simonian as new Board Treasurer, and this was seconded by Director Griffin. The motion carried.
- b. **District Policy Regarding Construction of Facilities** – Director Simonian made a motion, seconded by Director Griffin, to adopt a revised policy related to the construction of facilities and the relinquishment of connection fees in proportion to construction costs, at such a time that the district determines it is feasible to do so.
- c. **District Policy Regarding Water Use During Construction of Residential Homes** – Director DelaGuerra made a motion, seconded by Director Coulthard, to adopt a

policy to address the provision and payment for services per residential or commercial lot in the course of construction. The policy requires builders to report escrow closings on a regular basis to the district for the purpose of establishing customer billing.

7. District Engineers Report

The district currently has 1,523 total connections, of those 1,420 are residential. Field staff continue to install residential meters as they are shipped, and we anticipate a shipment of 100 meters arriving this month. The district temporarily halted surface water deliveries mid-May to repair a joint in the pipeline in the vicinity of Root Creek. BSK is preparing a report resulting from an investigation of compaction and soil moisture content at the site of distress above the RCWD facility at Road 40. Preliminary results point to native water present from local runoff.

Municipal Well #1 meter is not reliably operable, and a new meter has been on order for several months. As a result, the district continues to estimate water use through intermittent meter readings and by running the well concurrently with Well #2, with identical settings to quantify water developed.

A Water Contingency Plan is now required to be in place @ 1,000 connections instead of @ 3,000 connections. Staff will draft a plan for review at the July board of directors meeting.

Sewer flows were reduced from April to May. The new dewatering equipment is on site and working, and July 16th is the Dry Pac completion date.

Well 277 request for proposals is on schedule to be released this week. Groundwater Blending Facility request for proposals is also currently out to solicit bids and will close July 13th.

8. Legal Counsel Report

Counselor Craig Armstrong reported that AB1637, AB460, SB389 are moving through the California legislative process.

9. General Manager's Report

The number of building permits had not been reported by Madera County at the time of meeting. Budget planning is beginning, and Director Simonian (Treasurer) will be added as a member of the Budget Committee. Staff has been finalizing a cash flow projection and analysis as it relates to facilities construction dollars required and anticipated in the future. Administrative staff has coordinated over the last month to update the district website and develop policy addressing customer service and billing.

10. Community Facilities District (CFD)

- a. Director Simonian made a motion, seconded by Director DelaGuerra to adopt Resolution of Community Facilities District No. 2016-1 Improvement Area No. 1 authorizing the annual levy of special taxes for fiscal year 2023/2024 in the amount of \$410,151.60.

- b. Director DelaGuerra made a motion, seconded by Director Simonian to adopt Resolution of Community Facilities District No. 2016-1 Improvement Area No. 2 authorizing the annual levy of special taxes for fiscal year 2023/2024 in the amount of \$896,453.20.

11. Adjournment

The meeting was adjourned unanimously at 11:53 am.

Julia D. Stornetta, District Secretary

DRAFT

ROOT CREEK WATER DISTRICT
Statement of Revenues and Expenses-Cash Basis
May 2023

	May 23	Jan - May 23
Ordinary Income/Expense		
Income		
420 · Municipal Revenues		
420.02 · Municipal Water Utility Charges	106,745.83	431,390.58
420.03 · Municipal Storm Drain Charges	10,560.45	37,944.45
420.04 · Municipal Wastewater Charges	73,701.65	264,829.71
420.09 · Late Fees (Municipal)	2,297.84	8,407.02
425.02 · Municipal Water Hydrant Usage	1,930.29	7,732.27
Total 420 · Municipal Revenues	195,236.06	750,304.03
430.00 · Municipal Revenues-BuilderChrgs		
430.01 · Inspection Fees	109,500.00	248,249.99
Total 430.00 · Municipal Revenues-BuilderChrgs	109,500.00	248,249.99
480 · Other Sources Revenues		
480.01 · Assessments	25,560.79	25,611.21
480.03a · Grant Revenues	255,997.72	324,390.62
480.03b · Grant Admin Revenue	6,736.30	18,911.60
480.03c · Grant Costs	-150,485.62	-168,550.52
480.03d · Grant Admin Costs	0.00	-13,074.40
480.04 · Interest Income.	138.87	678.08
Total 480 · Other Sources Revenues	137,948.06	187,966.59
Total Income	442,684.12	1,186,520.61
Gross Profit	442,684.12	1,186,520.61
Expense		
510 · Water Costs		
510.01 · Water Option Pymnt - MID	21,208.00	166,355.00
Total 510 · Water Costs	21,208.00	166,355.00
520.01 · MID Assessments	0.00	159,173.25
530.01 · MID Roof Top Fee	208,000.00	594,100.00
540 · System Maintenance		
540.01 · Chemicals	0.00	23,750.20
540.02 · Repairs & Maintenance	32,455.08	46,524.31
540.03 · Lab Analysis	-2,451.00	20,142.00
Total 540 · System Maintenance	30,004.08	90,416.51
550 · System Management		
550.01 · Operator Contracted	59,049.51	378,529.39
550.03 · Inspection Fees	0.00	170,101.54
550.04 · Hauling and Discharge	0.00	47,594.93
Total 550 · System Management	59,049.51	596,225.86
560.01 · Permits	609.41	35,250.61
570 · Groundwater Maintenance		
570.01 · Groundwater Measurements	0.00	18,324.69
570.02 · Groundwater Sustainability	0.00	30,622.59
Total 570 · Groundwater Maintenance	0.00	48,947.28
580 · Services		
580.01 · Power	37,756.81	155,176.54
580.02 · Communications	0.00	19,167.70
580.03 · Security	0.00	1,732.46
Total 580 · Services	37,756.81	176,076.70
610 · Marketing		
610.02 · Website	0.00	2,818.85
Total 610 · Marketing	0.00	2,818.85

No assurance is provided on these financial statements.

ROOT CREEK WATER DISTRICT
Statement of Revenues and Expenses-Cash Basis
May 2023

	May 23	Jan - May 23
620 · Professional Fees		
620.01 · Accounting	4,052.10	20,052.10
620.03 · Management Contracted	26,026.67	51,013.34
620.04 · Engineering	0.00	32,463.47
620.05 · Legal	0.00	31,168.67
620.06 · GIS Services	0.00	2,273.00
620.09 · Special Counsel	0.00	103,049.78
620.10 · Public Finance	6,514.57	11,929.14
Total 620 · Professional Fees	36,593.34	251,949.50
630 · Consultants		
630.04 · GSP	466.10	48,108.85
630.05 · MS4 Program	0.00	13,109.83
Total 630 · Consultants	466.10	61,218.68
640.01 · Membership dues	0.00	14,435.00
650.01 · Insurance	2,799.00	5,357.00
660 · General & Administrative Costs		
660.01 · Printing & Reproduction	349.00	723.01
660.03 · Conference & Meetings	1,710.19	5,295.63
660.04 · Travel	127.53	191.30
660.06 · Postage	0.00	93.85
660.07 · Bank Charges	-48.50	1,002.50
660.08 · Email Hosting & Storage	0.00	270.00
Total 660 · General & Administrative Costs	2,138.22	7,576.29
Total Expense	398,624.47	2,209,900.53
Net Ordinary Income	44,059.65	-1,023,379.92
Other Income/Expense		
Other Income		
430.02 · Rooftop Fees	75,300.40	184,622.21
430.03 · Water Connection Fees	285,603.37	645,017.36
430.04 · Wastewater Connection Fees	683,748.43	1,671,307.82
430.05 · Storm Drain Connection Fees	116,084.57	251,089.74
430.06 · Meter Installation Fees	198,676.00	441,100.00
480.02 · CFD Assessments	367,806.75	770,977.31
Total Other Income	1,727,219.52	3,964,114.44
Other Expense		
900.01 · Capital Expenditures-Equipment	0.00	15,509.92
900.02 · Capital Expenditures-Water Meters	0.00	52,874.50
900.04 · RC Parkway Recharge Project	0.00	303.27
900.05 · New Well Construction	0.00	98,859.43
900.06 · Well #5 Improvements	0.00	10,054.50
900.07 · 400,000 gpd WWTF	0.00	230,280.13
900.08 · Storm Drain Basin Modification	0.00	935.00
900.09 · Water Blending Facility	0.00	115,273.18
900.90 · Capital Projects Admin Costs	4,052.10	248,016.38
970.00 · Bond Payments		
970.02 · Bond Interest	0.00	159,406.25
Total 970.00 · Bond Payments	0.00	159,406.25
990.01 · Transfers In	0.00	-159,405.86
990.02 · Transfers Out	0.00	159,405.86
Total Other Expense	4,052.10	931,512.56
Net Other Income	1,723,167.42	3,032,601.88
Net Income	1,767,227.07	2,009,221.96

No assurance is provided on these financial statements.

ROOT CREEK WATER DISTRICT
Statement of Revenues and Expenses by Fund-Cash Basis

January through May 2023

	01-District Administration	02-Water Municipal	03-Sewer	04-Storm Drain	05-Water Agriculture	91-CFD Bond \$5,830,000	92-CFD Bond \$2,565,000	TOTAL
Ordinary Income/Expense								
Income								
420 - Municipal Revenues								
420.02 - Municipal Water Utility Charges	0.00	431,390.58	0.00	0.00	0.00	0.00	0.00	431,390.58
420.03 - Municipal Storm Drain Charges	0.00	0.00	0.00	37,944.45	0.00	0.00	0.00	37,944.45
420.04 - Municipal Wastewater Charges	0.00	0.00	284,829.71	0.00	0.00	0.00	0.00	284,829.71
420.09 - Late Fees (Municipal)	0.00	8,407.02	0.00	0.00	0.00	0.00	0.00	8,407.02
425.02 - Municipal Water Hydrant Usage	0.00	7,732.27	0.00	0.00	0.00	0.00	0.00	7,732.27
Total 420 - Municipal Revenues	0.00	447,529.87	284,829.71	37,944.45	0.00	0.00	0.00	750,304.03
430.00 - Municipal Revenues-Building								
430.01 - Inspection Fees	0.00	82,750.01	82,750.00	82,749.98	0.00	0.00	0.00	248,249.99
Total 430.00 - Municipal Revenues-Building	0.00	82,750.01	82,750.00	82,749.98	0.00	0.00	0.00	248,249.99
480 - Other Sources Revenues								
480.01 - Assessments	25,611.21	0.00	0.00	0.00	0.00	0.00	0.00	25,611.21
480.03 - Grant Revenues	0.00	324,990.62	0.00	0.00	0.00	0.00	0.00	324,990.62
480.04 - Grant Admin Revenue	0.00	18,911.60	0.00	0.00	0.00	0.00	0.00	18,911.60
480.05 - Grant Admin Costs	0.00	-168,550.52	0.00	0.00	0.00	0.00	0.00	-168,550.52
480.06 - Grant Admin Costs	0.00	-13,074.40	0.00	0.00	0.00	0.00	0.00	-13,074.40
480.04 - Interest Income	0.00	45.86	38.83	38.80	544.03	7.43	3.13	676.08
Total 480 - Other Sources Revenues	25,611.21	161,723.16	38.83	38.80	544.03	7.43	3.13	167,966.59
Total Income	25,611.21	692,003.04	347,618.54	120,733.23	544.03	7.43	3.13	1,186,620.61
Gross Profit	25,611.21	692,003.04	347,618.54	120,733.23	544.03	7.43	3.13	1,186,620.61
Expense								
510 - Water Costs								
510.01 - Water Option Pyrmnt - MID	0.00	83,177.50	0.00	0.00	83,177.50	0.00	0.00	166,355.00
Total 510 - Water Costs	0.00	83,177.50	0.00	0.00	83,177.50	0.00	0.00	166,355.00
520.01 - MID Assessments	0.00	159,173.25	0.00	0.00	0.00	0.00	0.00	159,173.25
530.01 - MID Roof Top Fee	0.00	594,100.00	0.00	0.00	0.00	0.00	0.00	594,100.00
540 - System Maintenance								
540.01 - Chemicals	0.00	12,295.64	11,454.56	0.00	0.00	0.00	0.00	23,750.20
540.02 - Repairs & Maintenance	0.00	4,227.50	0.00	0.00	0.00	0.00	0.00	4,227.50
540.03 - Lab Analysis	0.00	10,069.00	10,069.00	0.00	0.00	0.00	0.00	20,138.00
Total 540 - System Maintenance	0.00	64,661.45	25,735.06	0.00	0.00	0.00	0.00	90,416.51
550 - System Management								
550.01 - Operator Contracted	0.00	75,052.12	296,123.95	7,353.32	0.00	0.00	0.00	378,529.39
550.03 - Inspection Fees	0.00	56,700.53	56,700.47	0.00	0.00	0.00	0.00	113,401.54
550.04 - Hauling and Discharge	0.00	0.00	47,594.93	0.00	0.00	0.00	0.00	47,594.93
Total 550 - System Management	0.00	131,752.66	400,419.41	64,053.79	0.00	0.00	0.00	596,226.86
560.01 - Permits	0.00	10,563.61	24,687.00	0.00	0.00	0.00	0.00	35,250.61
570.01 - Groundwater Measurements	0.00	9,162.35	0.00	0.00	9,162.34	0.00	0.00	18,324.69
570.02 - Groundwater Sustainability	0.00	15,311.30	0.00	0.00	15,311.29	0.00	0.00	30,622.59
Total 570 - Groundwater Maintenance	0.00	24,473.66	0.00	0.00	24,473.63	0.00	0.00	48,947.28
580 - Services								
580.01 - Power	0.00	102,234.28	52,942.26	0.00	0.00	0.00	0.00	155,176.54
580.02 - Communications	0.00	14,718.67	4,448.03	0.00	0.00	0.00	0.00	19,167.70
580.03 - Security	0.00	1,009.96	722.50	0.00	0.00	0.00	0.00	1,732.46
Total 580 - Services	0.00	117,962.91	58,113.79	0.00	0.00	0.00	0.00	176,076.70
610 - Marketing								
610.02 - Website	998.85	910.00	0.00	0.00	910.00	0.00	0.00	2,818.85
Total 610 - Marketing	998.85	910.00	0.00	0.00	910.00	0.00	0.00	2,818.85
620 - Professional Fees								
620.01 - Accounting	0.00	5,013.03	5,013.02	0.00	5,013.02	0.00	0.00	20,052.10
620.03 - Management Contracted	0.00	12,753.34	12,753.34	0.00	12,753.32	0.00	0.00	51,015.34
620.04 - Engineering	3,125.00	3,918.28	6,175.06	0.00	8,616.65	0.00	0.00	32,486.44
620.05 - Legal	9,478.89	14,260.24	0.00	0.00	7,429.54	0.00	0.00	3,486.67
620.06 - GIS Services	0.00	17,720.00	0.00	0.00	2,161.90	0.00	0.00	2,279.00
620.09 - Special Counsel	0.00	51,324.92	3,976.37	0.00	51,318.85	0.00	0.00	103,049.78
620.10 - Public Finance	0.00	3,976.37	27,917.79	0.00	0.00	0.00	0.00	11,929.14
Total 620 - Professional Fees	12,607.89	98,324.40	25,661.03	27,917.79	87,438.39	0.00	0.00	251,949.50

ROOT CREEK WATER DISTRICT
Statement of Revenues and Expenses by Fund-Cash Basis

January through May 2023

	01-District Administration	02-Water Municipal	03-Sewer	04-Storm Drain	05-Water Agriculture	91-CFD Bond \$5,930,000	92-CFD Bond \$2,565,000	TOTAL
630 - Consultants	0.00	24,054.43	0.00	18,026.10	5,028.32	0.00	0.00	48,108.85
630.04 - GSP	0.00	0.00	0.00	13,109.83	0.00	0.00	0.00	13,109.83
630.05 - MS4 Program	0.00	24,054.43	0.00	32,135.93	5,028.32	0.00	0.00	61,218.68
Total 630 - Consultants	0.00	24,054.43	0.00	32,135.93	5,028.32	0.00	0.00	61,218.68
640.01 - Membership dues	2,887.00	2,887.00	2,887.00	0.00	2,887.00	0.00	0.00	14,435.00
650.01 - Insurance	1,071.40	1,071.40	1,071.40	1,071.40	1,071.40	0.00	0.00	5,357.00
660.01 - Administrative Costs	389.94	131.18	74.86	74.85	52.18	0.00	0.00	723.01
660.01 - Printing & Reproduction	5,295.63	0.00	0.00	0.00	0.00	0.00	0.00	5,295.63
660.03 - Conference & Meetings	191.30	0.00	0.00	0.00	0.00	0.00	0.00	191.30
660.04 - Travel	93.85	0.00	0.00	0.00	0.00	0.00	0.00	93.85
660.06 - Postage	0.00	334.17	334.15	334.18	0.00	0.00	0.00	1,022.50
660.07 - Bank Charges	270.00	0.00	0.00	0.00	0.00	0.00	0.00	270.00
660.08 - Email Hosting & Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total 660 - General & Administrative Costs	6,240.72	465.35	409.01	409.03	52.18	0.00	0.00	7,576.29
Total Expense	23,805.86	1,313,597.61	538,993.70	128,474.94	205,038.42	0.00	0.00	2,209,900.53
Net Ordinary Income	1,805.35	-621,594.57	-191,365.16	-7,741.71	-204,494.39	7.43	3.13	-1,023,379.92
Other Income/Expense								
Other Income	0.00	184,622.21	0.00	0.00	0.00	0.00	0.00	184,622.21
430.02 - Rooftop Fees	0.00	645,017.36	0.00	0.00	0.00	0.00	0.00	645,017.36
430.03 - Water Connection Fees	0.00	0.00	1,671,307.82	0.00	0.00	0.00	0.00	1,671,307.82
430.04 - Wastewater Connection Fees	0.00	0.00	251,089.74	0.00	0.00	0.00	0.00	251,089.74
430.05 - Storm Drain Connection Fees	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
430.06 - Meter Installation Fees	0.00	441,100.00	0.00	0.00	0.00	0.00	0.00	441,100.00
480.02 - CFD Assessments	0.00	256,992.44	256,992.44	256,992.43	0.00	0.00	0.00	770,977.31
Total Other Income	0.00	1,527,732.01	1,928,300.26	508,082.17	0.00	0.00	0.00	3,964,114.44
Other Expense								
900.01 - Capital Expenditures-Equipment	0.00	15,509.92	0.00	0.00	0.00	0.00	0.00	15,509.92
900.02 - Capital Expenditures-Water Meters	0.00	52,874.50	0.00	0.00	0.00	0.00	0.00	52,874.50
900.04 - RC Parkway Recharge Project	0.00	303.27	0.00	0.00	0.00	0.00	0.00	303.27
900.05 - New Well Construction	0.00	98,859.43	0.00	0.00	0.00	0.00	0.00	98,859.43
900.09 - Well Improvements	0.00	10,054.50	0.00	0.00	0.00	0.00	0.00	10,054.50
900.09 - 400,000 GPD WWT	0.00	0.00	230,280.13	0.00	0.00	0.00	0.00	230,280.13
900.08 - 400,000 GPD Basin Modification	0.00	0.00	935.00	0.00	0.00	0.00	0.00	935.00
900.09 - Water Blending Facility	0.00	115,273.18	0.00	935.00	0.00	0.00	0.00	115,273.18
900.90 - Capital Projects Admin Costs	0.00	156,550.11	39,651.93	34,727.49	17,086.85	0.00	0.00	248,016.38
970.00 - Bond Payments	0.00	0.00	0.00	0.00	0.00	113,125.00	46,281.25	159,406.25
970.02 - Bond Interest	0.00	0.00	0.00	0.00	0.00	113,125.00	46,281.25	159,406.25
Total 970.00 - Bond Payments	0.00	0.00	0.00	0.00	0.00	113,125.00	46,281.25	159,406.25
990.01 - Transfers In	0.00	0.00	0.00	0.00	0.00	-113,124.72	-46,281.14	-159,405.86
990.02 - Transfers Out	0.00	53,135.29	53,135.29	53,135.28	0.00	0.00	0.00	159,405.86
Total Other Expense	0.00	502,560.20	323,067.35	88,797.77	17,086.85	0.28	0.11	931,512.56
Net Other Income	0.00	1,025,171.81	1,605,232.91	419,284.40	-17,086.85	-0.28	-0.11	3,032,601.88
Net Income	1,805.35	403,577.24	1,413,867.75	411,542.69	-221,581.24	7.15	3.02	2,009,221.96

ROOT CREEK WATER DISTRICT
Statement of Revenues & Expenses Budget vs Cash Basis Actual
January through May 2023

	Jan - May 23	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
410 · Agricultural Revenues				
410.01 · Agricultural Surface Water Chgs	0.00	146,000.00	-146,000.00	0.0%
410.02 · Ag Recharge Fees-Includes Prepd	0.00	1,278,971.99	-1,278,971.99	0.0%
410.03 · Ag Capital Fee-Includes Prepaid	0.00	238,120.00	-238,120.00	0.0%
Total 410 · Agricultural Revenues	0.00	1,663,091.99	-1,663,091.99	0.0%
420 · Municipal Revenues				
420.02 · Municipal Water Utility Charges	431,390.58	890,000.00	-458,609.42	48.5%
420.03 · Municipal Storm Drain Charges	37,944.45	96,000.00	-58,055.55	39.5%
420.04 · Municipal Wastewater Charges	264,829.71	670,000.00	-405,170.29	39.5%
420.09 · Late Fees (Municipal)	8,407.02			
425.02 · Municipal Water Hydrant Usage	7,732.27	52,000.00	-44,267.73	14.9%
Total 420 · Municipal Revenues	750,304.03	1,708,000.00	-957,695.97	43.9%
430.00 · Municipal Revenues-BuilderChrgs				
430.01 · Inspection Fees	248,249.99	97,500.00	150,749.99	254.6%
430.07 · Sewer Plug Fee	0.00	26,000.00	-26,000.00	0.0%
Total 430.00 · Municipal Revenues-BuilderChrgs	248,249.99	123,500.00	124,749.99	201.0%
480 · Other Sources Revenues				
480.01 · Assessments	25,611.21	344,000.00	-318,388.79	7.4%
480.03a · Grant Revenues	324,390.62			
480.03b · Grant Admin Revenue	18,911.60	150,000.00	-131,088.40	12.6%
480.03c · Grant Costs	-168,550.52			
480.03d · Grant Admin Costs	-13,074.40	-150,000.00	136,925.60	8.7%
480.04 · Interest Income	678.08			
480.10 · Outside Water Sales	0.00	1,350,000.00	-1,350,000.00	0.0%
Total 480 · Other Sources Revenues	187,966.59	1,694,000.00	-1,506,033.41	11.1%
Total Income	1,186,520.61	5,188,591.99	-4,002,071.38	22.9%
Gross Profit	1,186,520.61	5,188,591.99	-4,002,071.38	22.9%
Expense				
510 · Water Costs				
510.01 · Water Option Pymnt - MID	166,355.00	100,000.00	66,355.00	166.4%
510.03 · Water Purchases - Wonderful	0.00	1,958,720.00	-1,958,720.00	0.0%
Total 510 · Water Costs	166,355.00	2,058,720.00	-1,892,365.00	8.1%
520.01 · MID Assessments	159,173.25	169,830.90	-10,657.65	93.7%
530.01 · MID Roof Top Fee	594,100.00	210,000.00	384,100.00	282.9%
540 · System Maintenance				
540.01 · Chemicals	23,750.20	60,000.00	-36,249.80	39.6%
540.02 · Repairs & Maintenance	46,524.31	100,000.00	-53,475.69	46.5%
540.03 · Lab Analysis	20,142.00	40,000.00	-19,858.00	50.4%
Total 540 · System Maintenance	90,416.51	200,000.00	-109,583.49	45.2%
550 · System Management				
550.05 · Sewer Plugs	0.00	13,000.00	-13,000.00	0.0%
550.01 · Operator Contracted	378,529.39	729,000.00	-350,470.61	51.9%
550.03 · Inspection Fees	170,101.54	227,500.00	-57,398.46	74.8%
550.04 · Hauling and Discharge	47,594.93	175,000.00	-127,405.07	27.2%
Total 550 · System Management	596,225.86	1,144,500.00	-548,274.14	52.1%
560.01 · Permits	35,250.61	34,000.00	1,250.61	103.7%
570 · Groundwater Maintenance				
570.01 · Groundwater Measurements	18,324.69	10,000.00	8,324.69	183.2%
570.02 · Groundwater Sustainability	30,622.59	15,000.00	15,622.59	204.2%
Total 570 · Groundwater Maintenance	48,947.28	25,000.00	23,947.28	195.8%
580 · Services				
580.01 · Power	155,176.54	600,000.00	-444,823.46	25.9%
580.02 · Communications	19,167.70	41,600.00	-22,432.30	46.1%
580.03 · Security	1,732.46	1,365.00	367.46	126.9%
580.04 · Equipment Lease	0.00	2,135.00	-2,135.00	0.0%
Total 580 · Services	176,076.70	645,100.00	-469,023.30	27.3%
610 · Marketing				
610.02 · Website	2,818.85	2,000.00	818.85	140.9%
Total 610 · Marketing	2,818.85	2,000.00	818.85	140.9%

ROOT CREEK WATER DISTRICT
Statement of Revenues & Expenses Budget vs Cash Basis Actual
 January through May 2023

	Jan - May 23	Budget	\$ Over Budget	% of Budget
620 · Professional Fees				
620.01 · Accounting	20,052.10	47,400.00	-27,347.90	42.3%
620.02 · Audit	0.00	10,000.00	-10,000.00	0.0%
620.03 · Management Contracted	51,013.34	155,000.00	-103,986.66	32.9%
620.04 · Engineering	32,463.47	100,000.00	-67,536.53	32.5%
620.05 · Legal	31,168.67	100,000.00	-68,831.33	31.2%
620.06 · GIS Services	2,273.00	25,000.00	-22,727.00	9.1%
620.08 · Master Planning	0.00	10,000.00	-10,000.00	0.0%
620.09 · Special Counsel	103,049.78	100,000.00	3,049.78	103.0%
620.10 · Public Finance	11,929.14			
Total 620 · Professional Fees	251,949.50	547,400.00	-295,450.50	46.0%
630 · Consultants				
630.01 · Grant Preparation	0.00	10,000.00	-10,000.00	0.0%
630.04 · GSP	48,108.85	50,000.00	-1,891.15	96.2%
630.05 · MS4 Program	13,109.83	15,000.00	-1,890.17	87.4%
Total 630 · Consultants	61,218.68	75,000.00	-13,781.32	81.6%
640.01 · Membership dues	14,435.00	8,000.00	6,435.00	180.4%
650.01 · Insurance	5,357.00	10,000.00	-4,643.00	53.6%
660 · General & Administrative Costs				
660.01 · Printing & Reproduction	723.01	2,000.00	-1,276.99	36.2%
660.03 · Conference & Meetings	5,295.63	15,000.00	-9,704.37	35.3%
660.04 · Travel	191.30	1,000.00	-808.70	19.1%
660.06 · Postage	93.85	1,000.00	-906.15	9.4%
660.07 · Bank Charges	1,002.50			
660.08 · Email Hosting & Storage	270.00	1,000.00	-730.00	27.0%
Total 660 · General & Administrative Costs	7,576.29	20,000.00	-12,423.71	37.9%
Total Expense	2,209,900.53	5,149,550.90	-2,939,650.37	42.9%
Net Ordinary Income	-1,023,379.92	39,041.09	-1,062,421.01	-2,621.3%
Other Income/Expense				
Other Income				
430.02 · Rooftop Fees	184,622.21	210,000.00	-25,377.79	87.9%
430.03 · Water Connection Fees	645,017.36	889,200.00	-244,182.64	72.5%
430.04 · Wastewater Connection Fees	1,671,307.82	1,982,550.00	-311,242.18	84.3%
430.05 · Storm Drain Connection Fees	251,089.74	372,150.00	-121,060.26	67.5%
430.06 · Meter Installation Fees	441,100.00	133,200.00	307,900.00	331.2%
480.02 · CFD Assessments	770,977.31	781,500.40	-10,523.09	98.7%
Total Other Income	3,964,114.44	4,368,600.40	-404,485.96	90.7%
Other Expense				
900.01 · Capital Expenditures-Equipment	15,509.92	100,000.00	-84,490.08	15.5%
900.02 · Capital Expdtures-Water Meters	52,874.50	133,200.00	-80,325.50	39.7%
900.04 · RC Parkway Recharge Project	303.27	150,000.00	-149,696.73	0.2%
900.05 · New Well Construction	98,859.43	1,500,000.00	-1,401,140.57	6.6%
900.06 · Well #5 Improvements	10,054.50	100,000.00	-89,945.50	10.1%
900.07 · 400,000 gpd WWTF	230,280.13	100,000.00	130,280.13	230.3%
900.08 · Storm Drain Basin Modification	935.00	25,000.00	-24,065.00	3.7%
900.09 · Water Blending Facility	115,273.18	2,800,000.00	-2,684,726.82	4.1%
900.90 · Capital Projects Admin Costs	248,016.38	367,400.00	-119,383.62	67.5%
900.10 · Wastewater UV Facility	0.00	200,000.00	-200,000.00	0.0%
900.11 · Wastewater Ultimate Facility	0.00	581,000.00	-581,000.00	0.0%
960.00 · Debt Payments				
960.1 · Debt Principal	0.00	187,919.68	-187,919.68	0.0%
960.2 · Interest Expense	0.00	77,042.32	-77,042.32	0.0%
Total 960.00 · Debt Payments	0.00	264,962.00	-264,962.00	0.0%
970.00 · Bond Payments				
970.02 · Bond Interest	159,406.25			
Total 970.00 · Bond Payments	159,406.25			
990.01 · Transfers In	-159,405.86			
990.02 · Transfers Out	159,405.86			
Total Other Expense	931,512.56	6,321,562.00	-5,390,049.44	14.7%
Net Other Income	3,032,601.88	-1,952,981.60	4,985,583.48	-155.3%
Net Income	2,009,221.96	-1,913,920.51	3,923,142.47	-105.0%

ROOT CREEK WATER DISTRICT
Statement of Revenues & Expenses Budget vs Cash Basis Actual - District Admin
January through April 2023

	Jan - Apr 23	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
480 · Other Sources Revenues				
480.01 · Assessments	50.42	68,800.00	-68,749.58	0.1%
480.03b · Grant Admin Revenue	0.00	150,000.00	-150,000.00	0.0%
480.03d · Grant Admin Costs	0.00	-150,000.00	150,000.00	0.0%
Total 480 · Other Sources Revenues	<u>50.42</u>	<u>68,800.00</u>	<u>-68,749.58</u>	<u>0.1%</u>
Total Income	<u>50.42</u>	<u>68,800.00</u>	<u>-68,749.58</u>	<u>0.1%</u>
Gross Profit	50.42	68,800.00	-68,749.58	0.1%
Expense				
610 · Marketing				
610.02 · Website	998.85			
Total 610 · Marketing	<u>998.85</u>			
620 · Professional Fees				
620.03 · Management Contracted	0.00	20,000.00	-20,000.00	0.0%
620.04 · Engineering	3,129.00	10,000.00	-6,871.00	31.3%
620.05 · Legal	9,478.89	20,000.00	-10,521.11	47.4%
Total 620 · Professional Fees	<u>12,607.89</u>	<u>50,000.00</u>	<u>-37,392.11</u>	<u>25.2%</u>
640.01 · Membership dues	2,887.00	1,600.00	1,287.00	180.4%
650.01 · Insurance	511.60	2,000.00	-1,488.40	25.6%
660 · General & Administrative Costs				
660.01 · Printing & Reproduction	108.94	2,000.00	-1,891.06	5.4%
660.03 · Conference & Meetings	3,585.44	15,000.00	-11,414.56	23.9%
660.04 · Travel	63.77	1,000.00	-936.23	6.4%
660.06 · Postage	93.85	1,000.00	-906.15	9.4%
660.08 · Email Hosting & Storage	270.00	1,000.00	-730.00	27.0%
Total 660 · General & Administrative Costs	<u>4,122.00</u>	<u>20,000.00</u>	<u>-15,878.00</u>	<u>20.6%</u>
Total Expense	<u>21,127.34</u>	<u>73,600.00</u>	<u>-52,472.66</u>	<u>28.7%</u>
Net Ordinary Income	<u>-21,076.92</u>	<u>-4,800.00</u>	<u>-16,276.92</u>	<u>439.1%</u>
Net Income	<u><u>-21,076.92</u></u>	<u><u>-4,800.00</u></u>	<u><u>-16,276.92</u></u>	<u><u>439.1%</u></u>

ROOT CREEK WATER DISTRICT A/R Aging Summary As of May 31, 2023

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
Alfred & Pearl J Lion, Trustee	5,511.35	0.00	0.00	0.00	35,358.12	40,869.47
Arun Earpula	0.00	0.00	0.00	0.00	900.00	900.00
Bonadelle Neighborhoods	0.00	18.56	0.00	0.00	0.00	18.56
Browning Contractors Inc.	0.00	1,550.28	236.24	0.00	0.00	1,786.52
Central Valley Ag Management, LLC	52.00	989.00	0.00	0.00	63,244.44	64,285.44
Cody Bondurant	0.00	0.00	0.00	0.00	1.74	1.74
Consolidated Land Company, LLC	0.00	0.00	645.00	0.00	0.00	645.00
Copeland Jeffrey A & Selyna K Sivaugn	0.00	0.00	0.00	0.00	10.59	10.59
Coulthard Ents	14,799.58	0.00	0.00	0.00	45,316.41	60,115.99
Coulthard Ent LP & Coulthard Jeffrey	4,602.26	0.00	0.00	0.00	0.00	4,602.26
Dancefire Ranch, LLC	5,900.80	0.00	0.00	0.00	45,322.06	51,222.86
Donald L & Kimberlee A. Howard	0.00	0.00	0.00	0.00	17,993.95	17,993.95
Giffen Michael Ranch Inc.	8,851.20	0.00	0.00	0.00	0.00	8,851.20
Granville Homes	0.00	0.00	354,102.00	0.00	144,732.00	498,834.00
Groveland Dev Corp.	14,513.37	0.00	0.00	0.00	20,583.63	35,097.00
Herion Barbara	0.00	0.00	0.00	0.00	5.01	5.01
Hothi Pardeep Singh	0.00	0.00	0.00	0.00	13.41	13.41
Jaghllassian Moses & Seta TR	5,850.64	0.00	0.00	0.00	38,238.64	44,089.28
Jaghllassian Moses & Seta Trustee	5,856.18	0.00	0.00	0.00	28,506.90	34,363.08
Jeff D Coulthard Trustee	11,656.67	0.00	0.00	0.00	85,986.54	97,643.21
JPKCK LLC	1,394.80	0.00	0.00	0.00	0.00	1,394.80
KL LHB AIV LLC	8,032.10	0.00	0.00	0.00	0.00	8,032.10
Lawler Excavation & Pipeline	0.00	247.16	0.00	8.74	192.28	448.18
Lennar Homes of CA, Inc.	0.00	0.00	0.00	0.00	67,130.98	67,130.98
Lennar Homes of California Inc.	22,542.17	898,014.00	2,073,239.63	1,059,196.00	51,722.53	4,104,714.33
Lion Alfred Jr. Family Joint Trust	0.00	0.00	0.00	0.00	48,356.43	48,356.43
Lion Daniel A & Jacqueline Trustee-ETAL	3,240.65	0.00	0.00	0.00	0.00	3,240.65
Lodge Root Creek No 1 LP	0.00	0.00	0.00	0.00	225.45	225.45
Madera County	0.00	0.00	0.00	0.00	7,494.00	7,494.00
Madera Management Business Trust	0.00	0.00	0.00	0.00	16,307.74	16,307.74
MAG Engineering, Inc.	0.00	0.00	3,500.00	0.00	0.00	3,500.00
Main Ranch Partners	11,757.34	0.00	0.00	0.00	65,752.32	77,509.66
McCaffrey Homes	0.00	0.00	0.00	0.00	1,101.00	1,101.00
Mesa Asset Management LLC TR	9,859.50	0.00	0.00	0.00	27,894.25	37,753.75
Moses Jaghllassian / Seta Trs	0.00	0.00	0.00	0.00	200,022.05	200,022.05
Philp Enns	0.00	0.00	0.00	0.00	461.58	461.58
Pitman Family Trust	0.00	0.00	0.00	0.00	1,365.14	1,365.14
RF Citrus Ranches LLC	11,328.06	0.00	0.00	0.00	0.00	11,328.06
Riverstone Community Assn	0.00	0.00	0.00	0.00	1,870.58	1,870.58
Riverstone Development LLC	3,543.01	0.00	0.00	0.00	27,353.32	30,896.33
Riverstone Farms	5,845.12	0.00	0.00	0.00	172,794.57	178,639.69
San Joaquin River Ranch LLC	140,193.40	372.50	995.00	0.00	694,607.72	836,168.62
Tri County Excavation Inc.	0.00	0.00	8.37	0.00	0.00	8.37
Utility Billing Customer	4,269.50	44,723.43	0.00	0.00	0.00	48,992.93
Waldner Shelly Etal	0.00	0.00	0.00	0.00	6.45	6.45
Wathen Castanos Homes	0.00	4.74	0.00	0.00	4,600.00	4,604.74
Wilson Homes, Inc.	0.00	276,312.00	557,322.00	1,242,233.86	0.00	2,075,867.86
Wonderful Agricultural Management LLC	0.00	0.00	0.00	0.00	50.49	50.49
Wonderful Citrus II LLC	8,813.95	0.00	0.00	0.00	0.00	8,813.95
Woodside Homes	471.33	0.00	92,104.00	69,078.00	249,361.79	411,015.12
TOTAL	308,884.98	1,222,231.67	3,082,152.24	2,370,516.60	2,164,884.11	9,148,669.60



PAYMENT PLAN AGREEMENT

Customer Name: SEVASTIAN LLANEZ

Property Address: 718 ALPINE WAY S

Account No: R20488.01 **Date:** 06/14/2023

Current Account Balance: 503.11

Payment Amount: \$254 07/06

Payment Arrangement Description: PAY \$254.00 ON 07/06/23, PAY \$249.11 ON 07/28/23

I, SEVASTIAN LLANEZ ("customer"), agree to make remaining payment of \$249.11 07/28 to Root Creek Water District, I acknowledge and agree that I will pay the final payment of if and agree that my service may be subject to discontinuance I do not comply with this Payment Agreement or do not keep current my account for water service as charges accrue in each subsequent billing period. Please be advised that any account for water service that has been discontinued for nonpayment of bills, will be subject to a fee for reconnection of service. Upon termination of this Payment Agreement, by completion pursuant to scheduled dates or through customer default on the terms and conditions of this Agreement, the remaining balance shall become due and subsequent billing shall require payments pursuant to Root Creek Water District's then current and approved Rate Schedule.

By signing below, I acknowledge and agree that I have committed to Payment Arrangements for my delinquent utility bill to avoid any further administrative late fees and discontinuance of service. I acknowledge and agree that if arrangements are broken; my utility account will revert back to delinquent status and will be subject to said administrative fees along with discontinuance of service until the account has been satisfied by the utility company.


Customer Signature

06/14/2023
Date

FOR INTERNAL USE BY ROOT CREEK WATER DISTRICT

Approved By: _____ Date Approved: _____ PA #: _____

Comments: Customer also advised next billing cycle 08/01/23 would need to be current.

PAYMENT PLAN AGREEMENT

Customer Name: MARK BOYKIN

Property Address: 915 BLUE OAK LANE W

Account No: R11342.02 **Date:** 7/05/2023

Current Account Balance: \$433.88

Payment Amount: 216.00

Payment Arrangement Description: \$216.00 on 07/14/23, \$217.88 on 08/04/23

I, Mark Boykin ("customer"), agree to make remaining payment of \$433.88 to Root Creek Water District, I acknowledge and agree that I will pay the final payment of if and agree that my service may be subject to discontinuance I do not comply with this Payment Agreement or do not keep current my account for water service as charges accrue in each subsequent billing period. Please be advised that any account for water service that has been discontinued for nonpayment of bills, will be subject to a fee for reconnection of service. Upon termination of this Payment Agreement, by completion pursuant to scheduled dates or through customer default on the terms and conditions of this Agreement, the remaining balance shall become due and subsequent billing shall require payments pursuant to Root Creek Water District's then current and approved Rate Schedule.

By signing below, I acknowledge and agree that I have committed to Payment Arrangements for my delinquent utility bill to avoid any further administrative late fees and discontinuance of service. I acknowledge and agree that if arrangements are broken; my utility account will revert back to delinquent status and will be subject to said administrative fees along with discontinuance of service until the account has been satisfied by the utility company.

 Mark Boykin Jul 6, 2023 15:47 PDT

Customer Signature

7/05/2023

Date

FOR INTERNAL USE BY ROOT CREEK WATER DISTRICT

Approved By: _____ Date Approved: _____ PA #: _____

Comments: ****MUST ALSO KEEP NEXT BILLING PERIOD CURRENT****

Root Creek Water District

Water Supply Contingency Plan

July 2023



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Report Prepared for:

Root Creek Water District

Avenue 12 and Highway 41
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Abbreviations

- Board..... RCWD Board of Directors
- District or RCWDRoot Creek Water District
- DWRDepartment of Water Resources
- GM.....General Manager
- GSPGroundwater Sustainability Plan
- IRWM Madera County Integrated Regional Water Management
- OESMadera County Offices of Emergency Services
- PWS.....public water system
- RCWDGSARoot Creek Water District Groundwater Sustainability Agency
- WSCPWater Shortage Contingency Plan

1 Declaration of Policy, Purpose, and Intent

In order to conserve the available water supply and protect the integrity of public water system (PWS) supply facilities, with particular regard for domestic water use, sanitation, and fire protection, to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the Root Creek Water District (District or RCWD) hereby adopts the following regulations and restrictions on the delivery and consumption of water through this plan.

Water uses regulated or prohibited under this Water Shortage Contingency Plan (WSCP or Plan) are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water subjecting the offender(s) to penalties as defined in Section 11 of the WSCP.

Water System Information

The District provides water to a continually expanding community through metered residential, commercial, institutional, and industrial water services. The District presently obtains its water from three groundwater wells.

In 2022, the District delivered approximately 150.4 million gallons. The maximum day demand from the community has not been quantified however in 2022 the maximum day demand was approximately 1.0 million gallons, much of which went to filling the 1.0 million gallon storage tank. The month with highest water usage is July.

2 Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by the District by means of public hearing on July 10, 2023. Final adoption of the WSCP occurred at a properly noticed RCWD Board of Directors (Board) meeting on July 10, 2023.

3 Public Education

The District will regularly provide the public with information about the WSCP, including information about the conditions under which each stage of the WSCP is to be initiated or terminated and the drought response measures to be implemented in each stage. Detailed information on public education is provided in Section 11 of the WSCP.

4 Coordination with Regional Water Planning Groups

The service area of the District is located within the San Joaquin Valley – Madera Subbasin and the District is the single member of the Root Creek Water District Groundwater Sustainability Agency (RCWDGSA) and is a voting member of the Madera County Integrated Regional Water Management (IRWM) Group. The RCWDGSA works cooperatively with other GSAs within Madera County for water planning purposes. The District's Groundwater Sustainability Plan (GSP) and the Madera County IRWM Plan were considered in the development of the WSCP. A copy of the final Plan was shared with

applicable regional water planning area(s) and posted on our website on <https://rootcreekwd.com> for public and local agency stakeholder review and use.

5 Authorization

The District's General Manager (GM), or designee, is hereby authorized and directed to implement the applicable provisions of the WSCP upon determination that such implementation is necessary to protect public health, safety, and welfare. The GM, or designee, shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this WSCP. The contact information for the GM is: (559) 283-8011.

6 Application

The provisions of this WSCP shall apply to all persons, customers, and property utilizing water provided by the District. The terms "person" and "customer" as used in the WSCP may include individuals, corporations, partnerships, associations, and all other legal entities.

7 Definitions

For the purposes of this Plan, the following definitions shall apply:

- *Aesthetic water use*: water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.
- *Commercial and Institutional water use*: water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as schools, hospitals, clinics, retail establishments, hotels and motels, restaurants, and office buildings.
- *Conservation*: those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.
- *Customer*: any person, company, or organization using water supplied by District
- *Domestic water use*: water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.
- *Even number address*: street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.
- *Industrial water use*: the use of water in processes designed to convert materials of lower value into forms having greater usability and value.
- *Landscape irrigation use*: water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, rights-of-way and medians.
- *Non-essential water use*: water uses that are not essential nor required for the protection of public, health, safety, and welfare, including:
 - irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
 - use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;
 - use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

- *use of water to wash down buildings or structures for purposes other than immediate fire protection;*
- *flushing gutters or permitting water to run or accumulate in any gutter or street;*
- *use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;*
- *use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;*
- *failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and*
- *use of water from hydrants for construction purposes or any other purposes other than firefighting or hauling water for a domestic water use.*
- Odd numbered address: street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

8 Summary of Drought Response Stages and Response Actions

The GM, or designee, shall monitor water supply and/or demand conditions on a weekly basis and shall determine when conditions warrant initiation or termination of each stage of the WSCP, that is, when the specified “triggers” are reached.

The triggering and termination criteria described in subsequent sections of this document are based on or more of the following:

- Groundwater well production capacities relative to total well production capacity of the water system current at the time of triggering evaluation;
- Groundwater level decline in greater amounts than anticipated by the GSP;
- Availability of surface water supplies;
- Projected drought conditions on Department of Water Resources (DWR) California Water Watch Tool (<https://cww.water.ca.gov>);
- County, State or Federal Drought Emergency Orders; or
- Emergencies such as fire, earthquake, etc. resulting in potential water outages

The response actions described in subsequent sections of this document are based on the following general precepts:

- Conservation techniques employed include progressively implementing stricter water use policies, primarily focused on outdoor irrigation and increasingly restrictive water use in business functions. In natural disaster type scenarios, water supplies are limited based on a per capita per day scenario.
- Public notification vehicles include notices via the District’s website, billing inserts, social media posts, and potentially house-to-house outreach depending on severity and immediacy of the water shortage occurrence.
- The District may coordinate with the County of Madera, and the State Water Resources Control Board’s Division of Drinking Water, when necessary. In the event of severe water shortages, the District may also coordinate with County of Madera, Offices of Emergency Services (OES), community partners, and critical users.

9 Drought Response Triggers

The District has six triggering stages which correspond to water shortage levels. The water shortage levels are defined based on the percent reduction in available water supply when compared to a typical year. Each water shortage level has an accompanying goal for water consumption reduction varying from 10% to more than 50%. The six (6) stages are shown in Table 9-1. Total available water production includes any combination of the District’s water supply sources. At any time, a State or Federal mandate may require the District to enact a more stringent stage than they would otherwise based solely on available water production, such as State-wide conservation measures mandated in 2015.

Table 9-1. Stage of Water Shortage Contingency Plan

Stage	Water Supply Condition [1]	Drought Conditions [2]	Targeted Demand Reduction	Stage Termination Requirements
1: Watch	Total available water production is within 10% of estimated firm supply capacity [3]	Moderate	10% of normal water demands [4]	Each Stage may be terminated when all initiation triggers have ceased for 10 consecutive days. Upon each Stage being terminated, the prior stage is automatically initiated unless otherwise specified.
2: Warning	Total available water production is within 20% of estimated firm supply capacity	Severe	20% of normal water demands	
3: Acute	Total available water production is within 30% of estimated firm supply capacity	Extreme	30% of normal water demands	
4: Critical	Total available water production is within 40% of estimated firm supply capacity	State or Federal Drought Emergency Declared	40% of normal water demands	
5: Emergency	Total available water production is within 50% of estimated firm supply capacity		50% of normal water demands	
6: Catastrophic [5]	Total available water production is less than 50% of estimated firm supply capacity		more than 50% of normal water demands	

Notes:

[1] Causes of decrease include but are not limited to natural disasters, droughts, and contamination.

[2] Drought conditions as shown on the DWR California Water Watch drought maps

[3] Firm supply capacity is determined by totaling the water supply capacity of the water system and removing the largest producing groundwater well

[4] For purposes of this Plan, ‘normal water demands’ equate to the water demand of the user for the same period the prior year, so long as the prior year was not in a water shortage stage declaration greater than Stage 1. For users without prior water usage data, nearby similar users will be the basis for comparison.

[5] Stage 6: Catastrophic triggers may also include earthquakes, fire emergencies, or other direct threat to water infrastructure resulting in a decrease of water supply by more than 50%.

9.1 Requirements for Initiation

9.1.1 Stage 1: Up to 10% Reduction of Firm Water Supply (Watch)

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section 10 of this Plan when:

- Water production is up to 10% less than estimated firm supply capacity
- State mandated water use reductions of 10%.

9.1.2 Stage 2: Up to 20% Reduction of Firm Water Supply (Warning)

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section 10 of this Plan when:

- water production is up to 20% less than estimated firm supply capacity
- State mandated water use reductions of 20%.

9.1.3 Stage 3: Up to 30% Reduction of Firm Water Supply (Acute)

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section 10 of this Plan when:

- water production is up to 30% less than estimated firm supply capacity
- State mandated water use reductions of 30%
- Second year of State-declared drought conditions.

9.1.4 Stage 4: Up to 40% Reduction of Firm Water Supply (Critical)

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section 10 of this Plan when:

- Water production is up to 40% less than estimated firm supply capacity
- State mandated water use reductions of 40%
- Third year of State-declared drought conditions.

9.1.5 Stage 5: Up to 50% Reduction of Firm Water Supply (Emergency)

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section 10 of this Plan when:

- Water production is up to 50% less than estimated firm supply capacity
- State mandated water use reductions of 50%
- Fourth year of State-declared drought conditions

9.1.6 Stage 6: Greater than 50% Reduction of Firm Water Supply (Catastrophic)

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section 10 of this Plan when:

- Water production is greater than 50% less than estimated firm supply capacity
- State mandated water use reductions of greater than 50%
- Fifth year of State-declared drought conditions
- Water production limited by catastrophic event

9.2 Requirements for Termination – All Stages

Each Stage may be terminated when all initiation triggers have ceased for 10 consecutive days. Upon each Stage being terminated, the prior stage is automatically initiated unless otherwise specified

10 Drought Response Stages

Demand reduction measures are strategies intended to decrease water demand to close the gap between supply and demand. The District will identify a variety of demand reductions actions to offset supply shortages. Demand reduction actions available to the District that may be considered during water shortage conditions are summarized in subsections below. Although it is difficult estimate the volume of savings for each action, the District expects to meet required reductions through a combination of response actions in conjunction with outreach and communication efforts to the extent necessary to mitigate any impacts from a water shortage.

10.1 Notification

The GM, or designee, shall notify the public by means of one of the following methods:

- Method 1. Notification on the District website*
- Method 2. Public notice in the Madera Tribune*
- Method 3. Notice on local English and Spanish-speaking radio stations*
- Method 4. Direct mailing distributed in the next billing cycle*
- Method 5. Phone call to critical water users*
- Method 5. Door to door notification, if immediate action is required*
- Method 7. County Emergency messaging text or bulletin alert, if necessary*

10.2 Public Safety Contacts

The GM, or designee, shall notify directly the following individuals and entities of restrictions or water shortages, as defined in the subsections below, as appropriate for each response stage.

Table 10-1. Public Safety Contacts

Organization or Department	Name & Position	Telephone	Email
Madera County Fire	N/A	(559) 675-7799	N/A
Root Creek Water District	Julia Stornetta, General Manager	(559) 970-8778	julia@rootcreekwd.com
County Office of Emergency Services	Emergency Response Team	(559) 675-7770	N/A
State Water Resources Control Board	Shawn Demmers	(559) 447-3136	shawn.demmers@waterboards.ca.gov
Critical Water Users: Golden Valley Unified School District	Office of Maintenance, Operations & Grounds	(559) 645-3570	https://www.gvUSD.org/apps/contact/

10.3 Support Services Contacts

The following is a list of support services that may be appropriate for a water shortage emergency.

Table 10-2. Support Services Contacts

Organization or Department	Name & Position	Telephone	Email
Community Service Partner: Self-Help Enterprises	Emergency Services	(559) 802-1685	N/A

10.4 Response Actions by Water Shortage Stage

The first step in a demand reduction program is to prohibit wasteful practices and provide enforcement methods. The District currently does not have a water conservation plan in place to guide its residents in a water shortage scenario. The following section describes prohibitions and the water shortage level in which they may be enacted. The GM, or their designee, can elect to choose all or a portion of each measure, as they deem appropriate.

10.4.1 Stage 1: Up to 10% Reduction of Firm Water Supply (Watch)

Stage 1 addresses water shortages of up to 10% reduction require a voluntary demand reduction effort.

Best Management Practices for Supply Management:

- Community information and notification campaign begins utilizing billing inserts.
- Monitor groundwater well production capacity and alert GM of any noticeable decline without justifiable reason.
- Decrease flushing from regular flushing routine to and, only as-needed basis, for color or other water quality issues.

- Limit construction water sales to contractors.
- Initiate a water loss audit to evaluate potential areas for limiting water loss.

Voluntary Water Use Restrictions for Reducing Demand:

- A public information campaign is enacted in which the water shortage situation is explained along with potential upcoming stages of the water shortage, and what may be expected in the future. Information about methods to save water is sent to customers along with the notice for voluntary conservation of water.
- Landscape watering shall only occur between the hours of 7 p.m. and 10 a.m.
- Water waste, as determined by the Director, includes excessive runoff from landscape irrigation, washing automobiles with hoses without self-closing nozzles, evaporative coolers overflowing, and leaks not being repaired in a timely manner.

Notification Methods and Frequency

- Methods 1, 2, and 5 to be utilized on a monthly basis.

10.4.2 Stage 2: Up to 20% Reduction of Firm Water Supply (Warning)

Stage 2 addresses water shortages of 10-20% reduction and requires a mandatory demand reduction effort. All actions listed below are in addition to the previous stage unless a stricter restriction applies and is noted.

Best Management Practices for Supply Management:

- Community information and notification campaign continues utilizing billing inserts, and social media posts.
- Monitor groundwater well production capacity and alert GM of any noticeable decline without justifiable reason.
- Increase groundwater level monitoring to weekly.
- Decrease flushing from regular flushing routine to and, only as-needed basis, for color or other water quality issues.
- Expand water loss auditing efforts to include leak detection surveys in areas with more than 15% water loss and perform necessary repairs.

Mandatory Water Use Restrictions for Reducing Demand:

- Public information dissemination continues.
- Customers are informed that mandatory conservation of water will now be required.
- Customers are asked to conserve 20 percent or more of their typical water use.
- Landscape watering is restricted to three days per week.
- The water use threshold for the higher rate may be lowered from current levels to a volume indicated by the needed reduction for residential customer. These increased rates will be explained to customers along with water conservation strategies.
- Enforcement of water waste and water conservation is continued.

Notification Methods and Frequency

- Methods 1, 2, and 5 to be utilized on a monthly basis.

- Develop online tool for water waste complaint filing and response program.

10.4.3 Stage 3: Up to 30% Reduction of Firm Water Supply (Acute)

Stage 3 addresses water shortage of 30% reduction and requires a mandatory demand reduction effort. All actions listed below are in addition to the previous stage unless a stricter restriction applies and is noted.

Best Management Practices for Supply Management:

- Community information and notification campaign continues utilizing billing inserts, social media posts, and radio and newspaper announcements.
- Continue to monitor groundwater well production capacity and groundwater levels and alert GM of any noticeable decline without justifiable reason.
- Continue to flush water system components on a decreased frequency and water loss auditing efforts.
- Increase frequency and quantity of meter testing and repairs, as needed.
- Implementation of the District's Drought Rates may be initiated.
- Prepare analysis for mitigation of water supply loss if decline continues.

Mandatory Water Use Restrictions for Reducing Demand:

- Customers are asked to conserve 30 percent or more of their typical water use.
- Landscape watering is restricted to two days per week.
- The District evaluates its water use for main flushing, street cleaning and landscaping to see if reductions are possible. The number of meters tested and repaired is increased.
- Water waste patrols must be used in this level to patrol for non-compliance.
- Pool covers are encouraged. No draining and refilling of pools is allowed.
- No new potable connections are allowed unless the developer can offset the new expected water use by a one-to-one water savings in existing development.

Notification Methods and Frequency

- Methods 1 through 5 to be utilized on a monthly basis.

10.4.4 Stage 4: Up to 40% Reduction of Firm Water Supply (Critical)

Stage 4 addresses water shortage of 40% reduction require a mandatory demand reduction effort. All actions listed below are in addition to the previous stage unless a stricter restriction applies and is noted.

Best Management Practices for Supply Management:

- Community information and notification campaign continues utilizing all forms of notification available, including door-to-door effort, if needed.
- Continue to monitor groundwater well production capacity and groundwater levels and alert GM of any noticeable decline without justifiable reason.
- Continue to flush water system components on a decreased frequency and water loss auditing efforts.
- Increase frequency and quantity of meter testing and repairs, as needed.

- Implementation of the District's Drought Rates are initiated, if not already initiated with an earlier stage.
- Prepare engineering documents to construct improvements to mitigate water supply loss, if possible.

Mandatory Water Use Restrictions for Reducing Demand:

- Customer are asked to conserve 40 percent or more of their typical water use.
- Landscape watering restricted to one day per week except for drip irrigation systems.
- No new water service connections are allowed.
- Construction water usage is limited or prohibited for dust control, new main disinfection, and new home construction.
- For Level 4 and above implementation, a resolution must be adopted that provides the specifics for a rationing program and additional water penalties.

Notification Methods and Frequency

- Methods 1 through 6 to be utilized on a monthly, or weekly basis, as appropriate.

10.4.5 Stage 5: Up to 50% Reduction of Firm Water Supply (Emergency)

Stage 5 addresses water shortage of 50% reduction and requires a mandatory demand reduction effort, all actions listed below are in addition to the previous stage unless a stricter restriction applies and is noted.

Best Management Practices for Supply Management:

- Community information and notification campaign continues utilizing all forms of notification available, including door-to-door effort, if needed.
- Continue to monitor groundwater well production capacity and groundwater levels and alert GM of any noticeable decline without justifiable reason.
- Continue to flush water system components on a decreased frequency and water loss auditing efforts.
- Increase frequency and quantity of meter testing and repairs, as needed.
- Execute construction processes to construct improvements to mitigate water supply loss.

Mandatory Water Use Restrictions for Reducing Demand:

- Customer are asked to conserve 50 percent or more of their typical water use.
- Landscape watering is restricted to one day per week or may be prohibited entirely.
- All non-essential water use is prohibited. The definition of non-essential water use can be established by the Director and explained during the public information sessions in Stages 1 and 2.

Notification Methods and Frequency

- Methods 1 through 6 to be utilized on a monthly or weekly basis, as appropriate.
- Methods 7 and 8 to be utilized as appropriate.

10.4.6 Stage 6: Greater than 50% Reduction of Firm Water Supply (Catastrophic)

Stage 6 addresses water shortage of greater than 50% reduction and requires a mandatory system wide rationing. All actions listed below are in addition to the previous stage unless a stricter restriction applies and is noted.

Best Management Practices for Supply Management:

- Community information and notification campaign continues utilizing all forms of notification available, including door-to-door effort, if needed.
- Continue to monitor groundwater well production capacity and groundwater levels and alert GM of any noticeable decline without justifiable reason.
- Continue to flush water system components on a decreased frequency and water loss auditing efforts.
- Water use data frequently reviewed and users found exceeding 50% of their normal water use may have their water service interrupted and be subject to fines.

Mandatory Water Use Restrictions for Reducing Demand:

- Customers are asked to conserve greater than 50 percent or more of their typical water use.
- Landscape watering is prohibited entirely.
- Water rationing may be required by all customers across the system.
- Implementation of a partial system-wide shut down during portions of the day may be required.

Notification Methods and Frequency

- Methods 1 through 6 to be utilized on a monthly or weekly basis, as appropriate.
- Methods 7 and 8 to be utilized as appropriate.

10.5 Response Actions by Water Shortage Stage

In the event that water shortage conditions threaten public health, safety, and welfare, the GM, or designee, is hereby authorized to allocate water according to the following water allocation plan:

Single Family Residential

The allocation to residential water customers residing in a single-family dwelling shall be as follows:

Table 10-3. Single Family Residential Water Allocation Plan

Persons per Household	Gallons per Month
1 or 2	1,410 – 2,820
3 or 4	4,230 – 5,640
5 or 6	7,050 – 8,460
7 or greater	Requires written verification of any household usage greater than 9,000 gallons per month. Allowable usage will be calculated using 47 gallons per person per day.

Master-Metered Multi-Family Residential Customers

The allocation to residential water customers billed from a master meter which jointly measures water to multiple permanent residential dwelling units (e.g., apartments, mobile homes, etc.) shall be allocated the same as single-family residential customers.

Commercial Customers

A monthly water allocation shall be established by the GM, or designee, for each nonresidential, nonindustrial commercial water customer who uses water for processing purposes. The allocation to nonresidential, nonindustrial commercial water customers shall be as follows: 40% of monthly water usage and no irrigation. All restaurants shall only provide water upon request, hotel must only wash linens upon exit of customers, and all commercial customers must post drought conservation messaging.

10.6 Catastrophic Replacement Water Supply for Water Outages

In the event that water outages occur, the following is the plan to provide alternative water for customers to meet public health need.

Source of Alternative Water Supply:	<u>Bottled Water or Tanks/Hauled Water via SWRCB Funded programs</u>
Distribution of Alternative Water Supply:	<u>Tanks or bottled water pickup locations will be established at locations in the District, per the GM's direction.</u>
Special Considerations for residents that are elderly, disabled, or lack transportation:	<u>Residents that meet these definitions may contact the District for delivery of bottled water to their home.</u>
Special Considerations for sanitation:	<u>Portable toilets and showers will be set up at the tank/bottled water locations. Toilets will be available all hours; showers will be available 6 a.m. to 8 p.m., daily.</u>
Public Notification Regarding Access to Alternative Water Supplies (multiple communication methods recommended):	<u>Public Notifications will occur via social media posts and radio announcements, in both English and Spanish, on multiple sites, including the District's website.</u>

10.7 Catastrophic Notification of Emergency Service Providers

If adequate water supply will potentially become unavailable for fire response, medical services, public services, etc. then the following emergency providers will be notified as soon as possible to ensure that adequate planning, response and assistance may be provided:

Madera County Fire	(559) 675-7799
County Office of Emergency Services	(559) 675-7770
State Water Resources Control Board	(559) 447-3136
Golden Valley Unified School District	(559) 645-3570

11 Enforcement

The GM, or designee, will be responsible for evaluating available data on a consistent basis and adequately determining the proper water shortage stage, progress made on conservation efforts, and if the appropriate level of water consumption reduction is being met.

Section 10 above outlines the various water conservation measures during each water shortage stage, as well as the various enforcements. The penalties for each violation are also outlined in this section and can vary depending on the activated Water Shortage Stage. Enforcement of various water conservation strategies is carried out by staff members of the water utility including water wastage patrols.

11.1 Penalties, Charges, Other Enforcement or Prohibitions

No person shall knowingly or intentionally allow the use of water from this water system for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this WSCP, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by the GM, or designee, in accordance with provisions of the Plan.

Any person, including a person classified as a water customer of the water system, in apparent control of the property where a violation occurs or originated shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a presumption that the person in apparent control of the property committed the violation, but and such person shall have the right to show that he/she did not commit the violation.

The District has established the following penalties to address excessive water use as shown in Table 11-1. Violations of these provisions constitute an incident of water wastage. Each day that one or more of the provisions in this WSCP is violated shall constitute a separate offense. If a person is in repeated violation of this Plan, the District shall enforce the WSCP through the following enforcement measures.

Table 11-1. Enforcement Measures

Enforcement Measure	Stage When Penalty Takes Effect
Water Waste Violations	All stages
1st Violation: Written Warning	
2nd Violation: \$50 Fine	
3rd Violation (within 1 year): \$100 Fine	
4th Violation (within 1 year): \$200 Fine	
5th and subsequent offenses (within 1 year): \$500 Fine	
Additional possible measures:	
(1) Require customer to repair defect to water system within 14 days' notice by the District	
(2) Require installation by District of flow restrictors or termination of water service for outdoor use.	
(3) Termination of all water service.	

11.1.1 Education and Communication Programs

All water shortage stages will be reinforced through local and regional public education and awareness measures.

11.1.2 Water Waste Patrols and Irrigation Malfunctions

The District employs staff that are responsible for ensuring minimized water waste. This could include identification of water wasters, irrigation malfunctions, or other water use concerns. The District follows up on reports of water waste.

12 Variances

The GM, or designee, may grant, in writing, a temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

- Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Ordinance shall file a petition for variance with the water system within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the GM, or designee, and shall include the following:

- Name and address of the petitioner(s).
- Purpose of water use.
- Specific provision(s) of the Plan from which the petitioner is requesting relief.
- Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others.
- Description of the relief requested.
- Period of time for which the variance is sought.
- Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
- Other pertinent information.

A decision on the variance request will be returned to the customer within 30 days.

If such application is approved, the District's Board of Directors (Board), by resolution, may suspend or modify the provision complained of, as applied to such premises, to be effective as of the date of the application and continuing during the period of the special circumstances.

Additionally, the Board may initiate, on its own motion, a variance when it finds that by reason of special circumstances any provision of the WSCP should be suspended or modified as applied to a particular premises and, by resolution, may order such suspension or modification for such premises during the period of such special circumstances, or any part thereof.

Maximum practical reduction: No relief shall be granted to any customer for any reason in the absence of a showing by the customer that the customer has achieved the maximum practical reduction in water consumption in the customer's residential, commercial, industrial, institutional, agricultural, or governmental water consumption, as applicable.

CONTRACT CHANGE ORDER

CONTRACT FOR: Ag System Expansion		C.O. No. 2
OWNER: Root Creek Water District		DATE 6/12/2023
CONTRACTOR: Lawrence Backhoe Service		STATE CA
You are hereby requested to comply with the following changes from the contract plans and specifications.		COUNTY Madera
DESCRIPTION OF CHANGES (Supplemental Plans and Specifications Attached)	DECREASE In Contract Price	INCREASE In Contract Price
Description 1. Change Air Relief Valves From Waterman CR 101 to Vent Tech Series C 2. Change Pressure Manhole Covers from 24" to 48" opening.		\$ 31,966.12 \$ 17,834.80
Terms & Conditions a. Contractor shall comply with contract requirements. b. Unit prices shall be adjusted to fulfill bidders contract price.		
TOTAL	\$ -	\$ 49,800.92
NET CHANGE IN CONTRACT PRICE	--	\$ 49,800.92
JUSTIFICATION: Justification 1. Owner's request 2. Owner's request		

The amount of the Contract will be increased By The Sum of:

FORTY-NINE THOUSAND EIGHT HUNDRED AND 92/100 DOLLARS \$ 49,800.92

The Contract Total Prior to this Change Order and Including previous Change Orders Is:

TWO MILLION TWO HUNDRED THIRTY-FIVE THOUSAND ONE HUNDRED SEVEN AND 00/100 DOLLARS \$ 2,235,107.00

The Contract Total Including this and previous Change Orders Will Be:

TWO MILLION TWO HUNDRED EIGHTY-FOUR THOUSAND NINE HUNDRED SEVEN AND 92/100 DOLLARS \$ 2,284,907.92

This document will become a supplement to the contract and all provisions will apply hereto.

Accepted _____ Recommended <u>Edward J. Camard</u> Requested _____	_____ _____ _____ _____
Owner's Representative (Owner) Engineer of Record (Owner's Engineer) Contractor's Representative (Contractor)	(Date) June 9, 2023 (Date) (Date)

**Root Creek Water District - Ag System Expansion Project
 Change Order No. 2**

	Bid Item No.	Item Description	Change	Description of Extra/Decreased Cost	Unit Cost	Qty	Subtotal	15% Markup	Totals
MATERIALS	9 & A1.3	4" Dia Air Valves	Extra material cost to change 12 air valves from Waterman to Vent Tech	Increased cost of Vent Tech air vents	2,657.84	12	31,894.08	4,784.11	36,678.19
MATERIALS	9 & A1.3	4" Dia Air Valves	Credit for original cost of Waterman air valves	Credit cost of returnable valves	341.44	12	4,097.28	614.59	(4,711.87)
								Air Valves:	31,966.32
LABOR	10 & A1.4	Access Pressure Manhole	Extra material, labor and equipment cost to change 4 - 24" frame and covers to 48"	Laborer Area 2 Group 1	74.34	32	2,378.88	356.83	2,735.71
LABOR	10 & A1.4	Access Pressure Manhole	Extra material, labor and equipment cost to change 4 - 24" frame and covers to 48"	Teamster Driver	80.56	8	644.48	96.67	741.15
LABOR	10 & A1.4	Access Pressure Manhole	Extra material, labor and equipment cost to change 4 - 24" frame and covers to 48"	Operating Engineer	105.19	8	841.52	126.23	967.75
								Labor Total:	4,444.61
EQUIPMENT	10 & A1.4	Access Pressure Manhole	Extra material, labor and equipment cost to change 4 - 24" frame and covers to 48"	Backhoe	61.31	8	490.48	73.57	564.05
MATERIALS	10 & A1.4	Access Pressure Manhole	Extra material, labor and equipment cost to change 4 - 24" frame and covers to 48"	Extra Concrete - 2 yds	389.16	2	778.32	116.75	895.07
MATERIALS	10 & A1.4	Access Pressure Manhole	*Extra material, labor and equipment cost to change 4 - 24" frame and covers to 48"	48" Manhole Frames & Covers	2,593.71	4	10,374.84	1,556.23	11,931.07
								Pressure Manholes:	17,834.80

*Note: Original 24" frame and covers are special order and not returnable to supplier. They will be property of Root Creek WD.



Bid Proposal for AIR VALVE - VENT TECH

LAWRENCE BACKHOE SERVICE
Bid Date: 06/01/2023
Core & Main 2953364

Core & Main
 5364 S. Villa Ave
 Fresno, CA 93725
Phone: 559-834-1040

Seq#	Qty	Description	Units	Price	Ext Price
		DUE TO CURRENT SUPPLY CHAIN DISRUPTIONS, MATERIALS ARE SUBJECT TO PRICING AT TIME OF SHIPMENT. MATERIAL AVAILABILITY AND TIMELINESS OF SHIPMENTS CANNOT BE GUARANTEED. THIS TERM SUPERSEDES ALL OTHER CONTRACTUAL PROVISIONS.			
10	12	4" VENT-TECH WATER VALVE COMBINATION AIR VALVE	EA	2,466.67	29,600.04
				Sub Total	29,600.04
				Tax	2,294.00
				Total	31,894.04

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/TandC/>



Bid Proposal for AIR VALVE - WATERMAN

LAWRENCE BACKHOE SERVICE

Bld Date: 06/01/2023

Core & Main 2953377

Core & Main

5364 S. Villa Ave

Fresno, CA 93725

Phone: 559-834-1040

Seq#	Qty	Description	Units	Price	Ext Price	
		DUE TO CURRENT SUPPLY CHAIN DISRUPTIONS, MATERIALS ARE SUBJECT TO PRICING AT TIME OF SHIPMENT. MATERIAL AVAILABILITY AND TIMELINESS OF SHIPMENTS CANNOT BE GUARANTEED. THIS TERM SUPERSEDES ALL OTHER CONTRACTUAL PROVISIONS.				
10	12	4" WATERMAN AIR VALVE	EA	316.88	3,802.56	
				Sub Total	3,802.56	
				Tax	294.69	
				Total	4,097.25	

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/TandC/>

State of California
California State Transportation Agency

Department of Transportation
Division of Construction

Labor Surcharge and Equipment Rental Rates

(Cost of Equipment Ownership)



Effective April 1, 2023 through March 31, 2024



KOMATSU**[KOMA]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
D 53S-16	7878	\$78.66
D 53S-17	7878A	\$91.86
D 55S-2	7900	\$81.92
D 55S-3	7978	\$81.92
D 57S-1	8000	\$107.21
D 65S-6	8017	\$107.36
D 66S-1	8020	\$142.27
D 75S-2	8056	\$116.47
D 75S-3	8060	\$143.36
D 75S-5	8061	\$199.10
D 155S-1	8080	\$275.48

LOADERS, RUBBER TIRE**[LDRRT]****DELAY FACTOR = 0.11****OVERTIME FACTOR = 0.89**

Includes all attachments and accessories. Clam-action buckets, 4WD and backhoes are excluded unless otherwise noted.

ALLIS-CHALMERS**[A-C]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
710C	0747	\$45.59
714B	0750	\$44.64
714C w/ backhoe	0752	\$47.28
715B w/ backhoe	0765	\$46.65
715C w/ backhoe	0767	\$47.54

CASE**[CASE]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
W-11	1365	\$41.95
W-11B	1368	\$51.36
W-18	1444	\$72.06
W-18 9213140 serial	1450	\$75.77
W-18B	1460	\$81.64
W-20	1472	\$75.90
W-20B	1480	\$76.72
W-20C	1482	\$82.47
W-30	1565	\$113.30
480B	1636	\$36.92
480B w/ backhoe	1640	\$38.27
480C	1650	\$47.51
480C w/ backhoe	1660	\$49.13
480D	1662	\$52.98
480D w/ backhoe	1664	\$55.00
480E w/ backhoe	1666	\$44.88
480E LL	1667	\$43.61
480F w/ backhoe	1668	\$46.24
480F LL	1669	\$44.40
480LL	1677	\$53.03
570L XT 4WD	1690	\$50.71

570N XT	1700	\$63.74
580B w/ backhoe	1705	\$48.11
580C	1710	\$38.05
580C w/ backhoe	1715	\$40.03
580D	1717	\$39.46
580D w/ backhoe	1720	\$42.06
580 Super D	1725	\$43.07
580 Super D w/ backhoe	1727	\$45.72
580 Super E	1731	\$44.43
580 Super E w/ backhoe	1735	\$47.29
580K w/ backhoe	1739	\$47.59
580K 4WD w/ backhoe	1740	\$48.72
580 Super K w/ backhoe	1742	\$52.65
580L w/ backhoe	1743	\$52.92
580 Super L 4WD w/ backhoe	1744	\$61.31
590 Turbo w/ backhoe	1745	\$64.40
590 Super L 4WD w/ backhoe	1746	\$66.93
621	1750	\$86.90
721	1752	\$105.45
821	1754	\$128.83
680E w/ backhoe	1840	\$60.31
680G w/ backhoe	1850	\$59.00
680H w/ backhoe	1852	\$62.00
680K w/ backhoe	1854	\$68.01
680L w/ backhoe	1856	\$68.78
680L 4WD w/ backhoe	1857	\$69.61
780 w/ backhoe	1864	\$78.11
780B w/ backhoe	1866	\$83.12
780C w/ backhoe	1867	\$84.49
780D w/ backhoe	1868	\$85.29
780D 4WD w/ backhoe	1869	\$86.74

CATERPILLAR**[CAT]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
415F2	1850F2	\$59.78
416 w/ backhoe	1860	\$47.44
416 Series II w/ backhoe	1860A	\$47.68
416B 4WD w/ extend-a-hoe	1861A	\$58.43
416C 4WD w/ backhoe	1861C	\$60.33
416D w/ backhoe	1861D	\$55.27
416D 4WD w/ backhoe	1861D4	\$56.42
420D w/ backhoe	1861M	\$62.10
420D 4WD w/ backhoe	1861M4	\$63.25
420E	1861N	\$73.88
420F2	1861N2	\$86.86
426 w/ backhoe	1862	\$53.61
426 Series II w/ backhoe	1862A	\$53.85
426C w/ backhoe	1862C	\$66.77
426C 4WD w/ backhoe	1862C4	\$68.25
428 w/ backhoe	1864	\$53.58
428 Series II w/ backhoe	1864A	\$53.83

GENERAL INFORMATION

Account:	LAWRENCE BACKHOE SERVICE	Project:	AB219 Root Creek AG Irrigation Line
Account number:	3143129	Project Address:	10503 Road 40
Contact:			Madera California 93636
E-mail:		Doc. Expiration Date:	4/6/2023
Phone:		Price Valid from:	3/7/2023
Customer Service:	559-277-2266	Price Valid to:	6/30/2023
Sales Office Address:	131 Vultee St, Shafter, CA 93263		

MATERIAL PRICING

Material Number	Description	UoM	Quantity	Price per Unit	Notes
1412749	5.5SK 1' WR	YD3	100.00	\$124.50 ✓	5.5SK 1' WR

ADDITIONAL CLAUSES

Category	Item	Value	UoM	Comments
Pricing Escalation	These prices are subject to an escalation of	\$8.00	USD/Cu Yd	Effective on 07-01-2023
Surcharges and Fees	Environmental compliance fee	\$40.00 ✓	USD/Load	CARB fee
	Variable Energy surcharge	\$65.00 ✓	USD/Load	At present, subject to change. See Fuel Index Table below
	Stand By (Waiting time) fee	\$2.00	USD/min	An unloading time of (6) minutes per cubic yard, with a maximum of (60) minutes per load will be permitted at no charge. Unloading times more than (60) minutes will be charged
	Minimum Load fee	Per Schedule		Applies to loads 8 yards or less
	6.25 - 8 cu/ yds	\$30.00	USD/Load	
	3.25 - 6 cu/ yds	\$80.00	USD/Load	
	1 - 3 cu/ yds	\$130.00 ✓	USD/Load	
	Saturday premium charge - Ready Mix	\$6.00	USD/Cu Yd	
	AB219 Compliance fee	\$200.00	USD/Load	
	Overtime charge for Plant	\$250.00	USD/Hour	Applies after 4.00 pm
	Overtime charge for Truck	\$100.00	USD/Hour	Applies after 4.00 pm
	Night opening Fee	\$2,500.00	USD per Each	For plant opening outside normal delivery hours
Additional Products and Services	Hot water (where available)	\$5.00	USD/Cu Yd	
	Ice - when requested for temperature control	\$1.00	USD/lbs	
	Fiber reinforcement - Monofilament fiber	\$6.50	USD/lbs	
	Fiber reinforcement - Fibrillated	\$6.50	USD/lbs	
	Engineer's stamp for mix designs	\$300.00	USD per mix	
	QC Representation at site during placement	\$500.00	USD per Each	



Bid Proposal for MANHOLE FRAMES AND COVERS - 48"

LAWRENCE BACKHOE SERVICE

Bid Date: 06/02/2023

Core & Main 2955998

Core & Main

5364 S. Villa Ave

Fresno, CA 93725

Phone: 559-834-1040

Seq#	Qty	Description	Units	Price	Ext Price
		DUE TO CURRENT SUPPLY CHAIN DISRUPTIONS, MATERIALS ARE SUBJECT TO PRICING AT TIME OF SHIPMENT. MATERIAL AVAILABILITY AND TIMELINESS OF SHIPMENTS CANNOT BE GUARANTEED. THIS TERM SUPERSEDES ALL OTHER CONTRACTUAL PROVISIONS.			
10	4	A1348 F&C, 2 PIECE LIDS	EA	2,407.15	9,628.60
				Sub Total	9,628.60
				Tax	746.22
				Total	10,374.82

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/TandC/>

Root Creek Water District - Ag Irrigation Expansion (Rates effective 06/26/23)

LABORER AREA 2 Grp 1

Hourly wage	W/C	FUTA	Medicare	SS	SUTA	CA Emp Tr Tax
64.06	0.0720	0.0060	0.0145	0.0620	0.0060	0.0000
64.06	4.6123	0.3844	0.9289	3.9717	0.3844	0.0000

Irrigation Pipe Install rate 7.2%

Hourly cost to us: **\$74.34**
 15% Bookkeeping: **\$11.15**
 % per \$100 payroll: 0.1605
TOTAL: \$85.49

TEAMSTER DRIVER

Hourly wage	W/C	FUTA	Medicare	SS	SUTA	CA Emp Tr Tax
69.42	0.0720	0.0060	0.0145	0.0620	0.0060	0.0000
69.42	4.9982	0.4165	1.0066	4.3040	0.4165	0.0000

Hourly cost to us: **\$80.56**
 15% Bookkeeping: **\$12.08**
 % per \$100 payroll: 0.1605
TOTAL: \$92.65

OPERATING ENGINEER AREA 1 Grp 3

Hourly wage	W/C	FUTA	Medicare	SS	SUTA	CA Emp Tr Tax
90.64	0.0720	0.0060	0.0145	0.0620	0.0060	0.0000
90.64	6.5261	0.5438	1.3143	5.6197	0.5438	0.0000

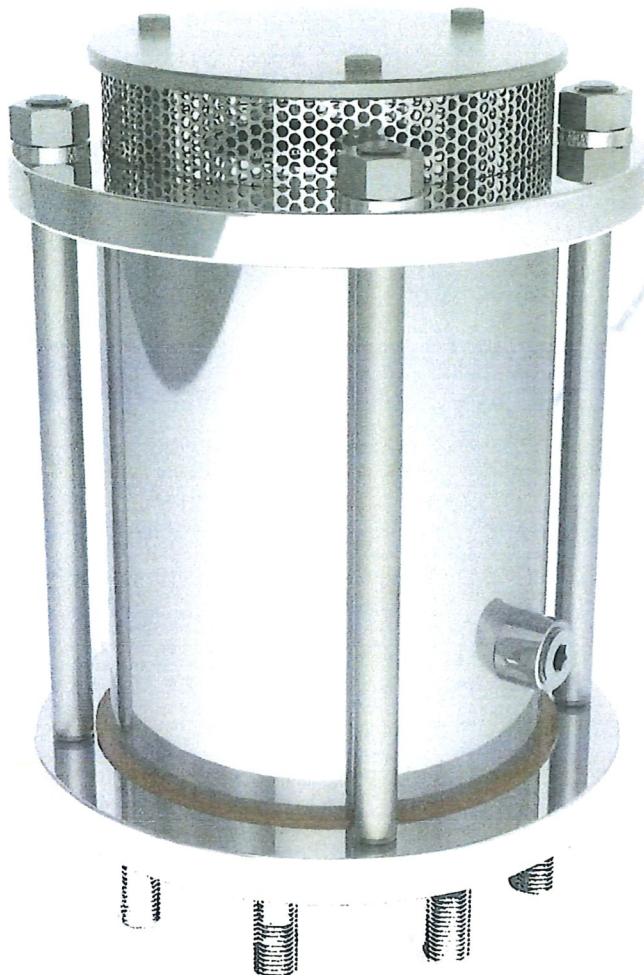
Hourly cost to us: **\$105.19**
 15% Bookkeeping: **\$15.78**
 % per \$100 payroll: 0.1605
TOTAL: \$120.97

Vent-Tech Model WTR—363 psi (25 Bar) Series C—Combination Valve for Water



GENERAL SPECIFICATION

- The Original Flat Float Design—with over 30 improvements.
- Integral protection from water hammer and surge.
- Optimized for Low Pressure Sealing. Less than 3 psi.
- Full Port Vacuum Relief.
- Pressurized Air Release.



ISO 9001: 2015 CERTIFIED



VALVES
ANSI/NSF 61
ALSO CLASSIFIED
IN ACCORDANCE WITH
ANSI/NSF 372
MH61807

NSF

- Stainless Steel Body and Flanges
- Made in the U.S.A.
- ISO 9001: 2015 QMS
- UL Inspected Facility
- 10-Year Warranty
- 50-Year Design Life

*International Valve / Vent-Tech
General Specification—WTR—C Series*

Model WTR: Series C—Materials of Construction
363 psi (25 Bar)

NPT Threaded Flange	ANSI B16.5 Stud Pattern	No.	Description	Standard	Upgraded
				AISI 304L SS -4	AISI 316L SS -6
		1	Male NPT Nipple	304L SS	316 SS
			ANSI B16.5 Stud Pattern	304L SS	316 SS
		2	Toroidal Base Flange	304L SS	316 SS
		3	Control Float Stand-Offs	304L SS	316 SS
		4	Fiber Gasket	Klingersil 4430	Klingersil 4430
		5	Tubular Valve Body	304L SS	304L SS
		6	Baffle Plate	304L SS	316 SS
		7	Bleed Port (Not Shown)	304L SS	316 SS
		8	Tie Rods	304L SS	316 SS
		9	Control Float (1-4 inch)	UHMW-PE	UHMW-PE
		10	Control Float (6-12 inch)	HDPE	HDPE
		11	Nozzle Button	EPDM	EPDM
		12	Air Release Nozzle	316 SS	316 SS
		13	Dynamic O-Ring Seal	EPDM— Peroxide Cured	EPDM— Peroxide Cured
		14	Nozzle Float	UHMW-PE	UHMW-PE
		15	Toroidal Sealing Flange	304L SS	316 SS
		16	Protected Orifice Insert	316 SS	316 SS
		17	Guide Rail	304L SS	316 SS
		18	Anti-Surge Float	UHMW-PE	UHMW-PE
		19	Tie Rod Fasteners	304L SS	316 SS
		20	Perforated Screen Guard	304L SS	316 SS
		21	Screen Lid Standoff	Nylon	Nylon
22	Screen Lid	UHMW-PE	UHMW-PE		
23	Screen Lid Fasteners	304L SS	316 SS		

Information Subject to Change without Notice

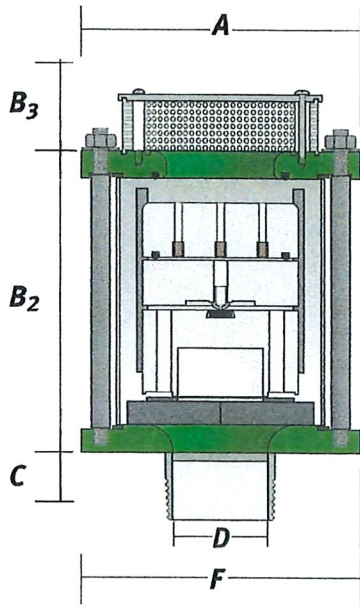
Body	Tubular elongated body, sized to provide a passageway with a cross sectional area which exceeds that of the valve's inlet and outlet connections for the unobstructed flow of air. Certified to twice the valves rated pressure.		
Operating Pressure	Minimum	< 3 psi (< 0.2 Bar)	
	Design	363 psi (25 Bar)	
Maximum Temps	Test	200 %	
	Operating Intermittent	Exceeds 145° F (62° C) 180° F (82° C)	
Connections	Upper	Streamlined toroidal sealing flange with WTR-CS perforated Screen Guard 1-inch and 2-inch with female NPT threaded connection 1 thru 12-inch with connection points for 'Top Hat' adapter.	
	Lower	Streamlined toroidal base flange transition 1 thru 2-inch with Male NPT threaded connection 3 thru 12-inch with ANSI B16.5 Class 150 studded flange (Class 300 studded flange pattern available on request)	
Orifices	Large	Streamlined toroidal transition to valve body At minimum, equal to the nominal diameter of the valve	
	Small	Multiple tubular orifices to evenly distribute pressurized air across the face of the float 316 SS wear-resistant inserts in tubular orifices to protect against heat softening and abrasive wear	
	Nozzle	See Flow Data Table	
Bleed Port Connections	Full port ball valve recommended. (Available on request.)		
Isolation Valve	Supplied by others (Full port ball valve recommended and available on request)		
Certifications / Registrations	ISO 9001: 2015 QMS; NSF 61; NSF 372		
AIS Compliant	When specified, raw material is controlled for USA Country of Origin Machining, fabrication, assembly, and coating always in USA		
Options	Side Port Ball Valve—(Code N)	Custom Orifices—(Code X)	Pressure Gage Assembly
	Full Port Isolation Valve—(Code B)	AIS Compliant—(Code A)	All 316L SS—(Code 6)
	Class 300 Flange Pattern (Code K)		
Valve Tests	Each Unit	Leak test to 1.5x rated pressure	Pressurized air release (Drop Test) Low Pressure Seal test
	Each Design	Certified — Air Release Nozzle Orifice Flow Tested	Certified - Pressurized Air-Release Anti-Surge Activation (Switch Point) Certified - Vacuum Relief CFD & Physically Flow Tested
Material Specs	A-36 Steel, AISI 304L SS, AISI 316L SS, HDPE, UHMW-PE, EPDM (Peroxide Cured), PVC		

International Valve / Vent-Tech
General Specification—WTR—C Series

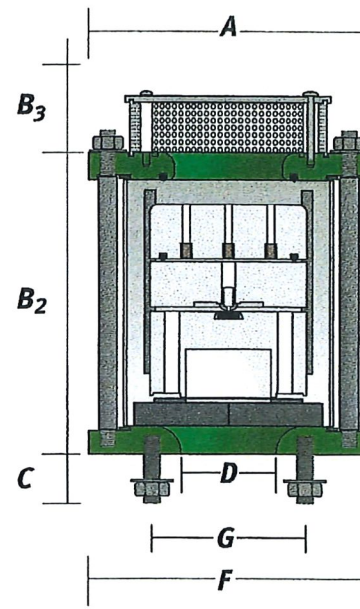
Model WTR: Series C—Dimensions

363 psi (25 Bar)

Male NPT Threaded



ANSI B16.5 Stud Pattern



Base Part Number	Valve Size D Inch	Pressure Rating psi	Top Flange Dia. A Inch	Valve Height					Nipple or Stud Length C Inch	Base Flange Dia. F Inch	Stud Circle Dia. G Inch	# of Studs	Stud Size Inch	Weight lbs.
				B ¹ Inch	B ² Inch	B ³ Inch	ΣB Inch	H Inch						
Male NPT Threaded														
01WTR25TCS	1	363	4 3/4	—	7 5/8	1	8 5/8	—	2	4 3/4	—	—	—	10 3/8
02WTR25TCS	2	363	6 1/2	—	8 3/4	1 5/8	10 3/8	—	2	6 1/2	—	—	—	19 3/8
03WTR25TCS	3	363	9	—	10	1 3/8	11 3/8	—	2	9	—	—	—	41 3/8
04WTR25TCS	4	363	9	—	10 1/2	2 5/8	13 1/8	—	2	9	—	—	—	62
ANSI B16.5 ANSI Class 150 Stud Pattern														
01WTR25SCS	1	363	4 3/4	—	7 5/8	1	8 5/8	—	2	4 3/4	3 1/8	4	1/2	10 3/8
02WTR25SCS	2	363	6 1/2	—	8 3/4	1 5/8	10 3/8	—	2	6 1/2	4 3/4	4	1/2	19 3/8
03WTR25SCS	3	363	9	—	10	1 3/8	11 3/8	—	2	9	6	4	5/8	41 3/8
04WTR25SCS	4	363	9	—	10 1/2	2 5/8	13 1/8	—	2	9	7 1/2	8	5/8	62
06WTR25SCS	6	363	14 3/8	—	14 1/2	3 1/4	17 3/8	—	2 1/4	14 3/8	9 1/2	8	3/4	147
08WTR25SCS	8	363	17 3/8	—	18 3/4	3 3/4	22 1/2	—	2 1/2	17 3/8	11 3/4	8	3/4	257 1/4
10WTR25SCS	10	363	19	—	24	4 3/4	28 3/4	—	2 1/2	19 1/2	14 1/4	12	7/8	385
12WTR25SCS	12	363	24	—	27	6 1/4	37 1/2	—	2 1/2	24	17 3/8	12	7/8	520

Model WTR: Series C—Flow Data

363 psi (25 Bar)

Valve Code	Pipe Connection *			Nominal Valve Size Inch	Operating Pressure Range psi	Small Nozzle Orifice Dia. mm	Anti-Surge Orifices [†]			Controlled Air Release thru Anti-Surge Orifices [‡] max. cfm	Vacuum Relief Capacity [§] min. cfm
	code						Count each	Size mm	Single Hole Equivalent mm		
01WTR	T	S	R	1	< 3.0 - 363	1.05	4	2.1	4.2	52	149
02WTR	T	S	R	2	< 3.0 - 363	1.2	4	4.5	9	271	673
03WTR	T	S	R	3	< 3.0 - 363	1.5	4	6.35	12.6	544	1,408
04WTR	T	S	R	4	< 3.0 - 363	1.5	7	6.35	16.7	951	1,887
06WTR		S	R	6	< 3.0 - 363	2.4	4	12.7	25.4	2,208	4,380
08WTR		S	R	8	< 3.0 - 363	2.4	7	12.7	33.6	3,854	7,826
10WTR		S	R	10	< 3.0 - 363	3.0	5	19.05	42.6	6,177	11,248
12WTR		S	R	12	< 3.0 - 363	3.0	4	25.4	50.8	8,822	17,308

* T = Male NPT Thread, S = Studded Flange, R = Trophy Connection

[†] A minimum of 3 separate wear protected orifices. Quantity and sizes of orifices are customizable. Please contact factory for additional information. Not applicable to Series N valves.

[‡] At pressure of 145 psig. Not applicable to Series N valves.

[§] Cubic feet per minute (ft³/min) at 70° Fahrenheit, 14.7 psi absolute and 5.08 psi differential. Not applicable to Series V valves.

Model WTR Standard Water Valve—Overview

The **Vent-Tech Model WTR** clean water valve combines thirteen years of manufacturing experience with advanced Patent Pending flow designs. The Model WTR was engineered to expand and improve the technological advances of the flat float air/vacuum valve.

APPLICATION

- Municipal Water Systems
- Water Mains
- High Points
- Pump Stations
- Wells

FUNCTION

	Market Usage	Large Air Release at Start-Up	Controlled Air Release at Start-Up	Air Release Under Pressure	Full Port Vacuum Relief	Surge Control
Series C	95%	X		X	X	X
Series B	5%		X	X	X	X
Series V	< 1%	X		X		X
Series N	< 1%				X	

PURPOSE

- Minimize pumping energy by removing air plugs
- Protect from pipeline collapse due to vacuum
- Control water hammer velocity
- Manage water column rejoining transients
- Internal anti-surge device

FEATURES

- Integral anti-shock/surge floats limit surge pressure.
- Recommended minimum sealing pressure at 3 psi.
- Rated for working pressures of 363 psi (25 bar). Optionally 232 or 580 psi.
- Inlets, outlets, and internal clearances have a cross-sectional area at least equal to that of the valve's nominal size.
- Orifices fitted with inserts protect from heat softening and abrasive wear.
- Multi-orifice anti-shock/surge floats to increase durability.
- Floats respond directly to negative pressure by fully opening the large orifice of the valve.
- Valve flanges are designed to minimize air flow energy losses.
- 304 and 316 Stainless Steel models.
- Tubular design with direct acting floats and two side ports
- Self-flushing at pump shut-down and valve emptying.
- High efficiency screens prevent ingress of airborne debris and bugs.
- Inter-changeability of valve inlet components allows for efficient conversion between valve and connection to ancillary pipework.
- Flow verification by independent testing facility.

Made in USA



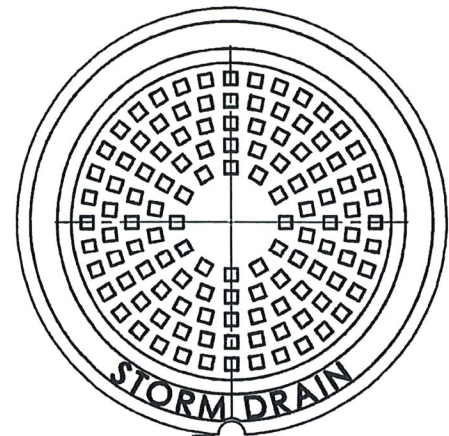
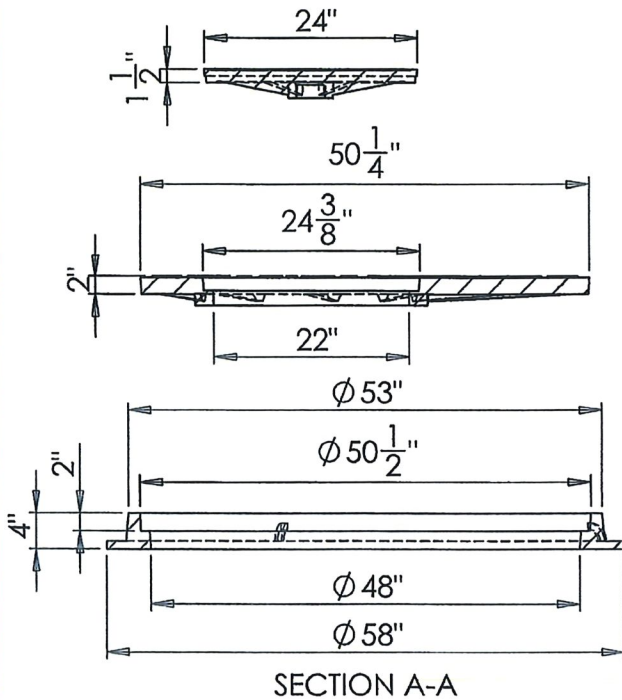
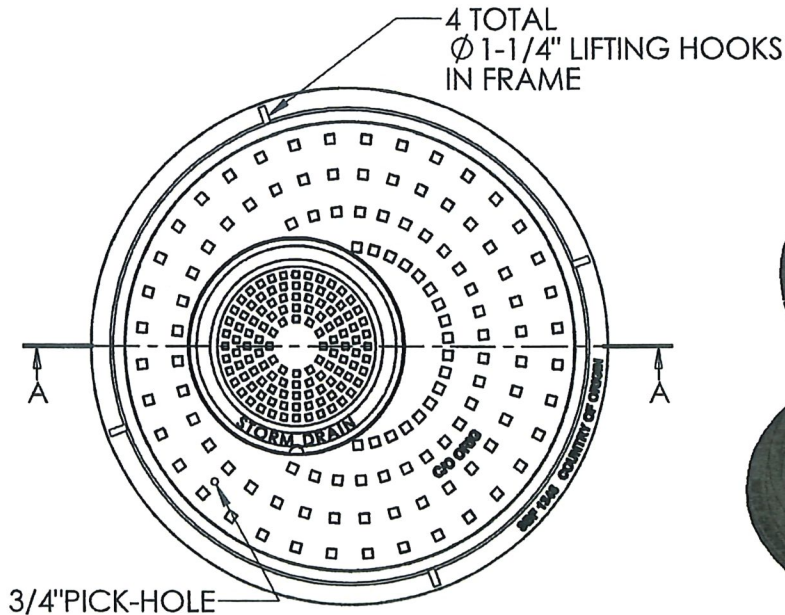
South Bay Foundry

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SBF 1348/1310

48" MANHOLE
FRAME AND COVERS
STORM DRAIN



SIDE PLY COVER DETAIL

SET WEIGHT	
FRAME	420 LB
OUTER COVER	885 LB
INNER COVER	155 LB
TOTAL	1460 LB

GENERAL INFORMATION

- *MATERIAL: GREY CAST IRON ASTM A48 CLASS 35B
- *BEARING SURFACES MACHINED FOR CLOSE, QUIET FIT
- *FINISH: DIPPED IN BLACK BITUMINOUS PAINT
- *MEETS H-20 WHEEL LOAD REQUIREMENTS

APPROVED

BY:

TITLE:

AGENCY:

DATE:

PROVOST & PRITCHARD CONSULTING GROUP

455 W Fir Ave • Clovis, CA 93611-0242 • Tel: (559) 449-2700
www.provostandpritchard.com

Memorandum

To: Julia Stornetta/Board of Directors – Root Creek Water District

From: Brian Ehlers

Subject: Status report for Activities through the last week June 2023

Date: June 30, 2023

Riverstone Development

Construction status:

1. **Waste Water Treatment Plant Expansion** – Notice of Substantial Completion sent to contractor. Punch list items were attached to the notice.
2. **Waste Water Treatment Plant Dry Pac** – Equipment installed. Completion date July 16. Operators are planning to commence operating the equipment next week.
3. **Agricultural System**
 - a. **Expansion** – Easements executed with San Joaquin River Ranch. Contractor has installed approximately 3,000 ft of pipe. Contractor is behind schedule. Progress has been slow due to water entering the trench. Ranch has been helpful in scheduling irrigations. DWR was onsite to review construction activities and was pleased with the project. Due to conflicts with ranch irrigation mains, the alignment at road 39 ½ has been shifted approximately 10 feet north of the planned alignment. This will require revision of the pipeline easement.
Need to execute agreement with Main Ranch Partners
 - b. **In-Lieu system** – The repairs have been completed. Replacement covers have been installed and backfill complete. The pipeline was placed back in service on June 14, 2023.
 - c. **County – Road 40** – BSK performed exploratory drilling and Lyles cut pavement and removed asphalt and stockpiled road base along side of road. BSK performed testing within the opened excavation. Received report from BSK and transmitted same to the County for review as well as proposed repair method. Are awaiting a response from the County.
4. **Municipal System -**
 - a. **Sequestering Study** – The pilot study continues.

Projects in Design

Project Status:


1. **Groundwater Blending Facility** – The project is out to bid.
Issues to be resolved:
 - a. Purchase of property

2. **Well 277** – The project will go out to bid next week.
Issues to be resolved include:
 - a. blending facility being operational.
 - b. Coordination with Lennar on raw water pipeline construction
 - c. Purchase of outlot
3. **Wastewater Treatment Expansion**
 - a. **Disinfection** – In progress
 - b. **Planning for expansion past 400K a day** – In progress.
4. **80-acre recharge basin** – Nothing to report.
5. **Proposition 1 Grant Administration** – Have initiated and submitted multiple quarterly reports and pay estimates.

Operational Issues:

1. Municipal –
 - a. **Water Accounting** –
 - i. Well 1 flow meter not functioning
 - ii. Beacon system designations need to be revised in accordance with the Connection Fee Study
 - iii. Quarterly drought reporting continues
 - b. Well 5
 - i. Foot valve being installed
 - c. Tank site
 - i. Issue with clay valve parts – replaced
 - ii. Booster station check valves – slam shut recommend modifying
 - d. Water Use
 - i. High demands necessitate taking construction water off municipal system
 - ii. Implemented program to measure flushing flows
2. Wastewater – Nothing to report
3. Storm Water – maintenance of the storm basins has been completed
4. Agriculture –
 - a. In Lieu pipeline was put back in service starting June 14th. Water deliveries estimated to approximate 2,200 af by the end of today.
 - b. Awaiting response from County on repair to road section

Status of current development

Root Creek Water No issues detected × Edit × A Story Map 

[Parcels and Land Tracking](#) [Crops](#) [Groundwater](#) [Riverstone Facilities](#)



6. Developer Reviews –

a. Received, Reviewed and Responded to the following submittals:

- i. Village B
 - a. Parcel 1-Precision - Bonadelle
 - d. Parcel 8-10 – Harbour – Wilson
 - e. Parcel 11-Woodside-Land Design
 - f. Parcel 12 – Woodside – Four Creeks
 - g. Parcel 14 -17, 21 – Lennar; QK

- ii Village E
 - a. Backbone-Precision
 - b. Phase 1-Precision
 - c. Phase 2-Precision
 - d. Phase 3A-Precision
 - e. Phase 3B-Precision

Issues

- 1. Developer asked to use an alternative lining for the sewer manholes in Backbone structures – The request is still under review.

7. Construction Review-issues with construction in support of the following construction.

b. Village B

- i. Parcel 27, 28 Lennar
- ii. Parcel 8,9 Wilson
- iii. Parcel 23 Wilson
- iv. Parcel 5-7 Wathen
- v. Parcel 2-4 Granville
- vi. Parcel 14-17, 21 Lennar
- vii. Parcel 1 Lennar

10. Other Subjects

- a.** Acquisition of construction in progress – At request of Legal counsel work with Precision Engineering to develop deeds and easement for transfer of properties.
- b.** Infrastructure – Gather shape files from developers to build a GIS map of facilities.
- c.** Execution and acceptance of developer in tract improvements
- d.** Water Supply Assessment ongoing



June 2023 Operational Report

Water Meter Connections:	May	Jun
Residential	1,160	1,160
Model Homes	18	18
Commercial	15	15
Irrigation	70	70
Agriculture	5	5
Well Sites	6	6
Total	1,274	1,274

Billed	May	Jun	Sum
Residential	484	950	1,434
Builder	12	4	16
Models	0	3	3
Commercial	0	15	15
Landscape Irr.	61	0	61
Total	557	972	1,529

System Operating Pressure: (psi)

	May	Jun
High:	62	61
Low:	45	45
Avg:	54	53

Well Production: (Gallons)			kWh		Gallons per kWh	
	May	Jun	May	Jun	May	Jun
Well # 1	11,560,000	12,500,000	29,934	39,217	386	319
Well # 2	11,561,000	12,505,000	31,722	35,152	364	356
Well # 5	21,869,000	22,412,000	51,727	61,510	423	364
Total	44,990,000	47,417,000	113,383	135,879		

**Feb/Mar usage for Well # 1 is estimated.*

Water Deliveries:	May	Jun
Municipal	11,294,052	12,306,844
Landscape Irrigation	3,892,592	4,863,496
Commercial	439,824	457,776
Agriculture		
Construction	2,269,357	4,610,522
Other*		
Total	17,895,825	22,238,638

Waste Water: (Gallons)			kWh		Gallons per kWh	
	May	Jun	May	Jun	May	Jun
Volume treated	6,223,869	5,969,923	41,969	45,260	148	132
Average daily volume	200,770	198,997				

Waste Water:	May	Jun
Peak Day Flow: (Gallons)	261,084	248,892