

Board Agenda

Regular Meeting

Thursday, October 27, 2022

Camrosa Board Room

5:00 P.M.

TO BE HELD IN PERSON

The Board of Directors meeting will be held in person.

There will be no virtual access.

The public and guests are welcome to attend at the District office:

7385 Santa Rosa Road

Camarillo, CA 93012

Call to Order

Public Comments

At this time, the public may address the Board on any item not appearing on the agenda which is subject to the jurisdiction of the Board. Persons wishing to address the Board should fill out a white comment card and submit it to the Board Chairman prior to the meeting. All comments are subject to a 5-minute time limit.

Matters appearing on the Consent Agenda are expected to be non-controversial and will be acted upon by the Board at one time, without discussion, unless a member of Board or the Staff requests an opportunity to address any given item. Items removed from the Consent Agenda will be discussed at the beginning of the Primary Items. Approval by the Board of Consent Items means that the recommendation of the Staff is approved along with the terms and conditions described in the Board Memorandum.

Consent Agenda

1. **Approve Minutes of the Special Meeting of October 13, 2022**
2. **Approve Minutes of the Regular Meeting of October 13, 2022**
3. ****Approve Vendor Payments**

Objective: Approve the payments as presented by Staff.

Action Required: Approve accounts payable in the amount of \$2,303,598.71.

Primary Agenda

4. ****MKN Contract Extension for GAC Construction Management**

Objective: Continue construction management on the granular activated carbon (GAC) construction project at the Conejo Wellfield.

Action Required: Authorize the General Manager to increase the contract with MKN & Associates by \$186,831.00.

5. ****Geolocation of District Assets**

Objective: Complete the geolocation of the District's assets.

Action Required: Authorize the General Manager to enter into an agreement with and issue a purchase order for \$45,000.00 to ZWorld for geolocation services.

6. ****University Well Rehabilitation Project**

Objective: Assess the condition of and rehabilitate the University Well.

Action Required: It is recommended that the Board of Directors:

- 1) Appropriate funding, in the amount of \$120,000.00, for the University Well Rehabilitation
- 2) Authorize the General Manager to negotiate an agreement and award a contract to Geoscience Support Services, Inc., in the amount of \$106,499.00, for professional services related to condition assessment and rehabilitation of the University Well.

Comments by General Manager; Comments by Directors; Adjournment

Closed Sessions: The Board of Directors may hold a closed session to discuss personnel matters or litigation, pursuant to the attorney/client privilege, as authorized by Government Codes. Any of the items that involve pending litigation or personnel matters may require discussion in closed session on the recommendation of the Board's Legal Counsel.

** indicates agenda items for which a staff report has been prepared or backup information has been provided to the Board. The full agenda packet is available for review on our website at: www.camrosa.com/board-agendas/

October 27, 2022

Board of
Directors
Agenda Packet

Board Minutes

Special Meeting: Board Workshop

Thursday, October 13, 2022

9:00 A.M.

Call to Order The meeting was convened at 9:00 A.M.

Present: Eugene F. West, President
Terry L. Foreman, Vice-President
Jeffrey C. Brown, Director
Timothy H. Hoag, Director

Staff: Tony Stafford, General Manager
Ian Prichard, Assistant General Manager
Jozi Zabarsky, Customer Service Manager

Guests: Katie Evans, Woodard & Curran
Brian Van Lienden, Woodard & Curran

Public Comments

None

Consent Agenda

None

Primary Agenda

1. Develop the Camrosa Communications and Public Outreach Plan

Woodard & Curran facilitated a productive workshop with the Board of Directors and staff regarding the purpose, audience, key elements, and implementation strategies of the District's Communications and Public Outreach Plan. A second workshop with Woodard & Curran to further develop the plan and identify specific implementation actions will be scheduled for 2023.

No action necessary; for information only.

Comments by General Manager

- None

Comments by Directors

- None

Adjournment

There being no further business, the meeting was adjourned at 12:06 P.M.

Tony L. Stafford, Secretary/Manager
Board of Directors
Camrosa Water District

(ATTEST)
Eugene F. West, President
Board of Directors
Camrosa Water District

Board Minutes

Regular Meeting

Thursday, October 13, 2022

5:00 P.M.

Call to Order The meeting was convened at 5:00 P.M.

Present: Eugene F. West, President
Terry L. Foreman, Vice-President
Jeffrey C. Brown, Director
Timothy H. Hoag, Director

Staff: Tony Stafford, General Manager
Ian Prichard, Assistant General Manager
Tamara Sexton, Finance Manager
Greg Jones, Legal Counsel

Guests: Mike Busch, Urban Futures
Dan Matusiewicz, Urban Futures

Public Comments

None

Consent Agenda

1. Approve Minutes of the Regular Meeting of September 22, 2022

The Board approved the Minutes of the Regular Meeting of September 22, 2022.

Motion: Brown **Second:** Hoag

Motion carried unanimously.

2. Approve Vendor Payments

A summary of accounts payable in the amount of \$663,860.00 was provided for Board information and approval. The Board approved the payments to vendors as presented by staff in the amount of \$663,860.00.

Motion: Brown **Second:** Hoag

Motion carried unanimously.

Primary Agenda

3. CalPERS Unfunded Accrued Liability

The Board received a briefing regarding the CalPERS Annual Valuation Report as of June 30, 2021.

No action necessary; for information only.

4. Investment Opportunities

The Board authorized the General Manager and investments ad hoc committee to invest a portion of reserve funds in Treasury Bills, not to exceed one third of available funds, and that have a maturity date of no longer than one year.

Motion: Hoag **Second:** Brown

Motion carried unanimously.

5. Fiscal Year 2021-22 Draft Annual Comprehensive Financial Report

The Board received a briefing from Staff on the Fiscal Year (FY) 2021-22 Draft Annual Comprehensive Financial Report (ACFR).

No action necessary; for information only.

6. Drought Update

Staff provided a drought update and briefed the Board on a framework for recouping potential penalties imposed by Metropolitan Water District.

The Board confirmed that new water connections for one single-family home per parcel are exempt from mitigation requirements.

No action necessary; for information only.

7. Fiscal Year 2022-23 Strategic Plan

The Board adopted the Camrosa Water District Fiscal Year (FY) 2022-23 Strategic Plan as presented by staff with the amendments made during the meeting.

That amendment included changing the following strategy under Goal 4. Public Trust, "e. Ensure compliance with all water quality standards and regulations to preserve and improve the quality of life for our customers" to: "e. Ensure compliance with all water quality standards and regulations. f. Preserve and improve the quality of life for our customers."

Motion: Foreman **Second:** Brown

Motion carried unanimously.

8. Water Bond Funds Reclassification

The Board approved a reclassification of funding sources for the Conejo Wellfield Treatment project as follows:

- De-obligated \$320,000.00 from the Potable Water Capital Improvement Fund
- Appropriated \$320,000.00 from the Water Bond Fund

Motion: Brown **Second:** Hoag

Motion carried unanimously.

Comments by General Manager

- The October 22, 2022 Customer Facility Tour is booked up.
- A parallel data communication radio link has gone down. Its repair will cost approximately \$11,000.00, which is within the GM's authority, but the item is considered a fixed asset, which by policy needs to come before the Board irrespective of cost. To restore redundancy as quickly as possible and minimize our exposure, the staff intends to purchase the item and return to the Board to move the item from the expense budget to the fixed assets.

Comments by Directors

- Director Brown recommended the District capture *The California Water Crisis* section from the Introductory Section, p. iv, of the Annual Comprehensive Financial Report for use in future messaging.

Adjournment

There being no further business, the meeting was adjourned at 7:06P.M.

Tony L. Stafford, Secretary/Manager
Board of Directors
Camrosa Water District

_____ (ATTEST)
Eugene F. West, President
Board of Directors
Camrosa Water District

Board Memorandum

October 27, 2022

To: General Manager

From: Sandra Llamas, Sr. Accountant

Subject: Approve Vendor Payments

Objective: Approve the payments as presented by Staff.

Action Required: Approve accounts payable in the amount of \$2,303,598.71.

Discussion: A summary of accounts payable is provided for Board information and approval.

Payroll PR 10-2, 2022	\$ 45,172.25
Accounts Payable 10/06/2022-10/19/2022	<u>\$ 2,258,426.46</u>
Total Disbursements	<u>\$ 2,303,598.71</u>

DISBURSEMENT APPROVAL

_____ BOARD MEMBER	_____ DATE
_____ BOARD MEMBER	_____ DATE
_____ BOARD MEMBER	_____ DATE

Tony L. Stafford, General Manager

Camrosa Water District

Accounts Payable Period:

10/06/2022-10/19/2022

Expense	Account Description	Amount
10302	Escrow Account-Cushman	20275.85
15773	Deferred Outflows-UAL Prep.	
11700	Meter Inventory	
11900	Prepaid Insurance	70756.00
11905	Prepaid Maintenance Ag	
13000	Land	
13400	Construction in Progress	1173592.06
20053	Current LTD Bond 2016	
20052	Current LTD Bond 2012	
20400	Contractor's Retention	-72723.23
20250	Non-Potable Water Purchases	
23001	Refunds Payable	233.12
50110	Payroll FLSA Overtime-Retro	
50010	Water Purchases & SMP	731491.19
50020	Pumping Power	209363.45
50100	Federal Tax 941 1 st QTR	
50012	CamSan Reclaimed Water	20132.76
50135	PERS Retirement	
50200	Utilities	10202.83
50210	Communications	1684.55
50220	Outside Contracts	59193.17
50230	Professional Services	910.00
50240	Pipeline Repairs	7729.85
50250	Small Tool & Equipment	
50260	Materials & Supplies	14686.55
50270	Repair Parts & Equip Maint	5381.95
50280	Legal Services	1712.29
50290	Dues & Subscriptions	
50300	Conference & Travel	
50310	Safety & Training	493.24
50330	Board Expenses	
50340	Bad Debt	
50350	Fees & Charges	8.85
50360	Insurance Expense	
50500	Misc Expense	
50600	Fixed Assets	3301.98
50700	Interest Expense	
TOTAL		\$2,258,426.46

Camrosa Water District, CA

Expense Approval Report

By Vendor Name

Payable Dates 10/6/2022 - 10/19/2022 Post Dates 10/6/2022 - 10/19/2022

Payment Number	Post Date	Vendor Name	Payable Number	Description (Item)	Account Name	Purchase Order Number	Amount
6	10/18/2022	ACWA JOINT POWERS INS	GSA-100122	GSA Insurance	Insurance		1125
70	10/19/2022	INTERA INCORPORATED	09-22-128	Santa Rosa GSP	Prof services	FY22-0136-R1	28182.98
71	10/19/2022	THE HATHAWAY LAW FIRM, LLP	38503-GSA	GSA Legal Services	Legal services		978.44
TOTAL VENDOR PAYMENTS-GSA							\$ 30,286.42

Vendor: *CAM* - DEPOSIT ONLY-CAMROSA WTR

3353	10/13/2022	DEPOSIT ONLY-CAMROSA WTR	10-13-22-PR	Transfer to Disbursements Account	Transfer to disbursements-ho		330000
3354	10/13/2022	DEPOSIT ONLY-CAMROSA WTR	10-13-22-AP	Transfer to Disbursements Account	Transfer to disbursements-ho		440000
3355	10/13/2022	DEPOSIT ONLY-CAMROSA WTR	10-13-22-AP2	Transfer to Disbursements Account	Transfer to disbursements-ho		900000
Vendor *CAM* - DEPOSIT ONLY-CAMROSA WTR Total:							1670000

1074	10/18/2022	ACWA JOINT POWERS INS	2022-2023	Liability Insurance	Prepaid liability insurance		70756
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Vendor: ALL11 - ALL PEST AND REPAIR, INC.

58580	10/18/2022	ALL PEST AND REPAIR, INC.	0026034	Pest Control -VTA1-1900	Outsd contracts		650
58580	10/18/2022	ALL PEST AND REPAIR, INC.	0026065	Pest Control -VTA1-7385	Outsd contracts		470
Vendor ALL11 - ALL PEST AND REPAIR, INC. Total:							1120

Vendor: ALL14 - ALLCONNECTED INC

58581	10/19/2022	ALLCONNECTED INC	106034	AllConnected Managed IT/OT Services and Support	Outsd contracts	FY23-0003	9263.14
58581	10/19/2022	ALLCONNECTED INC	43241	AllConnected Managed IT/OT Services and Support	Outsd contracts	FY23-0003	96
Vendor ALL14 - ALLCONNECTED INC Total:							9359.14

58582	10/18/2022	AMERICAN PUBLIC WORKS CONSULTING ENGINEERS, LLC	Invoice No. 14	Additional Project Management services	Construction in progress	FY22-0011-R1	1860
1075	10/19/2022	AQUEOUS VETS	22-0475	GAC Vessels for Conejo Wellfield Treatment Plant	Construction in progress	FY22-0038-R1	53565.26
58583	10/18/2022	A-SAME DAY TESTING CO.	S14101	Backflow testing	Outsd contracts	FY23-0098	9851
58584	10/19/2022	BADGER METER INC	1534305	Badger twist-tight cable and connector	Construction in progress	FY23-0058	20213.52
1076	10/12/2022	CALIFORNIA DEPARTMENT OF TAX ADMINISTRATION	3rdQtr-2022	Use Tax 3rd QTR 2022	Repair parts & equipment		169

Vendor: CAL03 - CALLEGUAS MUNICIPAL WATER DISTRICT

1077	10/18/2022	CALLEGUAS MUNICIPAL WATER DISTRICT	095422	Water Purchase Potable	Water purchases Potable		619645.47
1077	10/18/2022	CALLEGUAS MUNICIPAL WATER DISTRICT	095422	Water Purchase	CMWD Fixed Charges		74142
1077	10/18/2022	CALLEGUAS MUNICIPAL WATER DISTRICT	095422	Water Purchase N-P	Water purchases N-P		28772.43
1077	10/18/2022	CALLEGUAS MUNICIPAL WATER DISTRICT	SMP-094322	SMP CMWD-SMP Pipeline Fee	SMP CWD-RMWTP		8367.67
1077	10/18/2022	CALLEGUAS MUNICIPAL WATER DISTRICT	SMP-094322	SMP CMWD-SMP Pipeline Fee	SMP CMWD		563.62
Vendor CAL03 - CALLEGUAS MUNICIPAL WATER DISTRICT Total:							731491.19

Vendor: CAN03 - Cannon Corporation

58585	10/18/2022	Cannon Corporation	82116	Design Camsprings new waterline under Conejo Creek	Construction in progress	FY22-0273-R1	11919.34
58585	10/18/2022	Cannon Corporation	82136	Contract Services	Outsd contracts	FY22-0081-R1	612
58585	10/18/2022	Cannon Corporation	82137	Contract Services	Outsd contracts	FY22-0081-R1	797.5
58585	10/18/2022	Cannon Corporation	82138	Contract Services	Outsd contracts	FY22-0081-R1	4398
58585	10/18/2022	Cannon Corporation	82139	Contract Services	Outsd contracts	FY22-0081-R1	816
58585	10/18/2022	Cannon Corporation	82140	Contract Services	Outsd contracts	FY22-0081-R1	4748
58585	10/18/2022	Cannon Corporation	82141	Contract Services	Outsd contracts	FY22-0081-R1	217.5
Vendor CAN03 - Cannon Corporation Total:							23508.34

58578	10/06/2022	CENTRAL COMMUNICATIONS	000026-680-681	After Hours Call Center	Communications		437.7
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Vendor: CIT01 - CITY OF CAMARILLO

58586	10/19/2022	CITY OF CAMARILLO	29828	Recycled Water from CamSam-August 2022	CamSan Water	9895.69
58586	10/19/2022	CITY OF CAMARILLO	29879	Recycled Water CamSan-Sept 2022	CamSan Water	10237.07
Vendor CIT01 - CITY OF CAMARILLO Total:						20132.76

58587	10/19/2022	CORELOGIC INFORMATION SOLUTIONS, INC	30629970	Ventura County Assessors Parcel Info	Outsd contracts	154.5
58588	10/18/2022	CULLIGAN OF VENTURA COUNTY	Oct22-2010478	Water Softener-Penny Well-Account Ref#2010478	Outsd contracts	72.5
58589	10/19/2022	CUSTOM PRINTING	164601	Bussiness Cards (DH,JK)	Materials & supplies	134.06
58590	10/18/2022	DANIELS TIRE SERVICE, INC	250122502	Repair Parts- F250 Tires - Unit 40	Repair parts & equipment	895.45

Vendor: EIH01 - E.J. HARRISON & SONS INC

58591	10/18/2022	E.J. HARRISON & SONS INC	778	Trash Removal-Off Bins-Acct 5-00804669	Outsd contracts	400.4
58591	10/18/2022	E.J. HARRISON & SONS INC	808	Trash Removal-CWRF - Acct 1-00124005	Outsd contracts	494.59
Vendor EIH01 - E.J. HARRISON & SONS INC Total:						894.99

1078	10/19/2022	ENTERPRISE FLEET SERV INC	FBN4583135	Vehicle Lease -October 2022	Outsd contracts	6917.01
58592	10/13/2022	ESQUIRE PROPERTY MANAGEMENT	00003405	Deposit Refund Act 3405 - 5230 Laurel Park Dr	Refunds payable	85.52
58593	10/18/2022	FAMCON PIPE & SUPPLY, INC	S100089521-002	Materials & Supplies- AMS	Materials & supplies	864.01
1079	10/19/2022	First Republic Bank	Retention-PPE#9	Retention CUS05-PPE#9	Escrow Account-James Cushnr	20275.85

Vendor: FRU01 - FRUIT GROWERS LAB. INC.

58594	10/13/2022	FRUIT GROWERS LAB. INC.	214818A	Outside Lab Work	Outsd contracts	75
58594	10/12/2022	FRUIT GROWERS LAB. INC.	215233A	Outside Lab Analysis	Outsd contracts	39
58594	10/12/2022	FRUIT GROWERS LAB. INC.	215234A	Outside Lab Analysis	Outsd contracts	39
58594	10/13/2022	FRUIT GROWERS LAB. INC.	215235A	Outside Lab Work	Outsd contracts	39
58594	10/19/2022	FRUIT GROWERS LAB. INC.	215476A	Outside Lab Analysis	Outsd contracts	39
58594	10/19/2022	FRUIT GROWERS LAB. INC.	215478A	Outside Lab Analysis	Outsd contracts	292
58594	10/12/2022	FRUIT GROWERS LAB. INC.	215481A	Outside Lab Analysis	Outsd contracts	153
58594	10/19/2022	FRUIT GROWERS LAB. INC.	215642A	Outside Lab Analysis	Outsd contracts	33
58594	10/13/2022	FRUIT GROWERS LAB. INC.	215644A	Outside Lab Work	Outsd contracts	95
58594	10/19/2022	FRUIT GROWERS LAB. INC.	215656A	Outside Lab Analysis	Outsd contracts	39
Vendor FRU01 - FRUIT GROWERS LAB. INC. Total:						843

Vendor: GEN06 - GENERAL PUMP COMPANY, INC

58595	10/19/2022	GENERAL PUMP COMPANY, INC	Payment #2	Cleaning & Rehabilitation of Tierra Rejada Well	Construction in progress	FY22-0072-R1	80000
58595	10/19/2022	GENERAL PUMP COMPANY, INC	Retention-Pymt#2	Retention Pymt#2 (Inv-29651,29652,29653,29654)	Contractor's retention		-4000
Vendor GEN06 - GENERAL PUMP COMPANY, INC Total:							76000

Vendor: HAC01 - HACH COMPANY

58596	10/18/2022	HACH COMPANY	13276536	HACH Sequential Chlorination CIP	Construction in progress	FY22-0329-R1	71286.78
58596	10/18/2022	HACH COMPANY	13276721	Repair Parts -5500 Repair Kit	Repair parts & equipment		4317.5
Vendor HAC01 - HACH COMPANY Total:							75604.28

1080	10/19/2022	HealthEquity	kfy09v8	Consumer Driven Health Savings Plan-Admn Fees	Fees & charges		8.85
58597	10/13/2022	HILARY HINICH	00006413	Deposit Refund Act 6413 - 7030 Paseo Encantada	Refunds payable		39.44

Vendor: IDE01 - IDEXX LABORATORIES, INC

58598	10/12/2022	IDEXX LABORATORIES, INC	3115823855	Lab Supplies	Materials & supplies		1522.69
58598	10/19/2022	IDEXX LABORATORIES, INC	3116238425	Lab Supplies	Materials & supplies		41.66
Vendor IDE01 - IDEXX LABORATORIES, INC Total:							1564.35

58599	10/19/2022	INFOSEND, INC.	222744	Printing & Mailing Oct 2022 Statements	Outsd contracts		5107.63
58600	10/12/2022	Innovyze, Inc	Q-123355	Inforcare Support Services 8/31/22 - 8/30/23	Outsd contracts	FY23-0082	3275
58601	10/18/2022	J&H Engineering	3927	Leak Repair - 1" Service	Pipeline repairs	FY23-0097	7729.85

Vendor: CUS05 - JAMES C. CUSHMAN, INC.

58602	10/19/2022	JAMES C. CUSHMAN, INC.	PPE#9	GAC Construction	Construction in progress	FY22-0179-R1	405517
58602	10/19/2022	JAMES C. CUSHMAN, INC.	Reternction-PPE#9	Retention Invoice Ref no- PPE#9	Contractor's retention		-20275.85
Vendor CUS05 - JAMES C. CUSHMAN, INC. Total:							385241.15
58603	10/19/2022	KENNEDY/JENKS CONSULTANTS	158290	Grant Program (Kennedy/Jenks)	Prof services	FY22-0271-R1	910

58604	10/13/2022	LIZ FLORES	00003606	Deposit Refund Act 3606- 1219 Mission Verde Dr	Refunds payable		15.63
Vendor: MCM01 - McMASTER-CARR SUPPLY CO							
58605	10/18/2022	McMASTER-CARR SUPPLY CO	86006823	Materials & Supplies - SS Hardware	Materials & supplies		798.52
58605	10/18/2022	McMASTER-CARR SUPPLY CO	86327782	Materials & Supplies - Hardware	Materials & supplies		311.76
58605	10/18/2022	McMASTER-CARR SUPPLY CO	86384137	Materials & Supplies - Sealant	Materials & supplies		399.52
58605	10/18/2022	McMASTER-CARR SUPPLY CO	86565411	Materials & Supplies - SS Hardware	Materials & supplies		899.94
58605	10/19/2022	McMASTER-CARR SUPPLY CO	86647174	Materials & Supplies - SS Hardware	Materials & supplies		411.19
Vendor MCM01 - McMASTER-CARR SUPPLY CO Total:							2820.93
58606	10/19/2022	METTLER-TOLEDO, INC.	634852968	Analytical Balance	Fixed Assets-Internal	FY23-0094	3301.98
Vendor: MKN01 - MICHAEL K. NUNLEY & ASSOCIATES, INC.							
58607	10/19/2022	MICHAEL K. NUNLEY & ASSOCIATES, INC.	101375	GAC Project Management	Construction in progress	FY21-0120-R2	2021.89
58607	10/19/2022	MICHAEL K. NUNLEY & ASSOCIATES, INC.	101376	GAC Construction Management	Construction in progress	FY22-0151-R1	32488.19
Vendor MKN01 - MICHAEL K. NUNLEY & ASSOCIATES, INC. Total:							34510.08
58608	10/18/2022	NORTHSTAR CHEMICAL	236802	Material & Supplies -Chemicals - Woodcreek-Lynwood	Materials & supplies		4308.06
58609	10/18/2022	PERLITER & INGALSBE	18733	Additional Eng. Support Services	Construction in progress	REQ00057-R5	347.5
58610	10/18/2022	PURETEC INDUSTRIAL WATER	2019344	Deionized Water Service	Materials & supplies		81.13
58611	10/13/2022	RACHEL QUITTNER	00001203	Deposit Refund Act 1203 - 814 Vista Arriago	Refunds payable		61.02
Vendor: ROY03 - ROYAL INDUSTRIAL SOLUTIONS							
58612	10/18/2022	ROYAL INDUSTRIAL SOLUTIONS	9009-1026719	Meter Station 5 & & Rehabilitation Conduit	Construction in progress		497.54
58612	10/19/2022	ROYAL INDUSTRIAL SOLUTIONS	9009-1026725	Meter Station 5 & 7 Rehabilitation	Construction in progress		1070.05
58612	10/19/2022	ROYAL INDUSTRIAL SOLUTIONS	9009-1026726	Meter Statiopm 5 & 7 Rehabilitation	Construction in progress		339.41
58612	10/18/2022	ROYAL INDUSTRIAL SOLUTIONS	9009-1027164	Materials & Supplies - Electrical-Hardware	Materials & supplies		986.56
58612	10/19/2022	ROYAL INDUSTRIAL SOLUTIONS	9009-1027166	Materials & Supplies - PLUGS	Materials & supplies		602.06
Vendor ROY03 - ROYAL INDUSTRIAL SOLUTIONS Total:							3495.62
58613	10/18/2022	SC Fuels	2242553IN	Material & Supplies - FUEL	Materials & supplies		1524.51
58614	10/18/2022	SO CALIFORNIA EDISON CO	467982	Installation Permit for GAC Treatment Plant-Conejo	Construction in progress		604.31
Vendor: SCE01 - SOUTHERN CALIF. EDISON							
1083	10/18/2022	SOUTHERN CALIF. EDISON	Oct22	Current Usage Charges	Pumping power Potable		49915.09
1083	10/18/2022	SOUTHERN CALIF. EDISON	Oct22	Current Usage Charges	Pumping power Non-Potable		149382.16
1083	10/18/2022	SOUTHERN CALIF. EDISON	Oct22	Current Usage Charges	Pumping Power-RMWTP		10066.2
1083	10/18/2022	SOUTHERN CALIF. EDISON	Oct22	Current Usage Charges	Utilities		10180.6
Vendor SCE01 - SOUTHERN CALIF. EDISON Total:							219544.05
Vendor: SCG01 - SOUTHERN CALIFORNIA GAS							
1084	10/12/2022	SOUTHERN CALIFORNIA GAS	September2022	September 2022 Usage-Account 12378717941	Utilities		15.78
1084	10/12/2022	SOUTHERN CALIFORNIA GAS	September2022-A	September 2022 Usage-Account 17001399009	Utilities		6.45
Vendor SCG01 - SOUTHERN CALIFORNIA GAS Total:							22.23
1085	10/12/2022	TERENCE CURSON	Sept22-MileageReimb	September 2022 Mileage Reimbursement	Materials & supplies		91.25
Vendor: HAT01 - THE HATHAWAY LAW FIRM, LLP							
58615	10/19/2022	THE HATHAWAY LAW FIRM, LLP	202369	Legal Services PFAS	Legal services		30.58
58615	10/19/2022	THE HATHAWAY LAW FIRM, LLP	202370	Legal Services	Legal services		244.62
58615	10/19/2022	THE HATHAWAY LAW FIRM, LLP	202371	Legal Services	Legal services		1437.09
Vendor HAT01 - THE HATHAWAY LAW FIRM, LLP Total:							1712.29
Vendor: TRA02 - TRAVIS AGRICULTURAL, INC							
58616	10/18/2022	TRAVIS AGRICULTURAL, INC	221056-F	Meter Station Rehab - Concrete Pad	Construction in progress	FY23-0099	5726.52
58616	10/18/2022	TRAVIS AGRICULTURAL, INC	22899-F	Road Repair Office Yard	Outsd contracts		506.25
Vendor TRA02 - TRAVIS AGRICULTURAL, INC Total:							6232.77
58617	10/13/2022	TRAVIS RUSSELL	00006719	Closed Account Overpayment Refund-1405 La Culebra	Refunds payable		31.51
Vendor: UNI12 - UNIFIED FIELD SERVICES CORPORATION							
58618	10/19/2022	UNIFIED FIELD SERVICES CORPORATION	Pymt #13	PV Well No. 2 Construction Services	Construction in progress	FY22-0010-R1	484473.75
58618	10/19/2022	UNIFIED FIELD SERVICES CORPORATION	Retention-Pymt #13	Retention Payment #13	Contractor's retention		-48447.38
Vendor UNI12 - UNIFIED FIELD SERVICES CORPORATION Total:							436026.37

Vendor: UNI08 - UNIFIRST CORPORATION						
58619	10/18/2022	UNIFIRST CORPORATION	328-1416711	Uniform Cleaning Service	Outsd contracts	122.94
58619	10/18/2022	UNIFIRST CORPORATION	328-1416719	Office Cleaning Supplies-Towel-Mat Service	Outsd contracts	68.69
58619	10/19/2022	UNIFIRST CORPORATION	328-1418566	Uniform Cleaning Service	Outsd contracts	122.94
58619	10/19/2022	UNIFIRST CORPORATION	328-1418573	Office Cleaning Supplies - Towel-Mat Service	Outsd contracts	78.5
Vendor UNI08 - UNIFIRST CORPORATION Total:						393.07

58620	10/19/2022	UNION MATERIALS TESTING, INC	Invoice#123	GAC Materials Testing	Construction in progress FY22-0270-R1	1661
58622	10/18/2022	USA BLUE BOOK	131249	Safety Vest Sweatshirts	Safety & train	493.24
58623	10/19/2022	VENTURA COUNTY STAR	0004963523	COI 2022 Notice	Outsd contracts	181.28
58579	10/13/2022	VENTURA RENTAL CENTER	Contract#202254	Tent,Tables, Chairs, Tablecloths for Tour 10/22/22	Outsd contracts	4428.8
58624	10/19/2022	VERIZON BUSINESS, INC	72360036	VOIP T1 (Verizon)	Communications	1246.85

Vendor: WWG01 - W W GRAINGER, INC.						
58625	10/18/2022	W W GRAINGER, INC.	9471234824	Kitchen & Restroom Supplies/Trash Cans for OM Bldg	Materials & supplies	663.24
58625	10/18/2022	W W GRAINGER, INC.	9473281161	Kitchen & Restroom Supplies-Bathroom Suppl RMWTP	Materials & supplies	393.08
58625	10/18/2022	W W GRAINGER, INC.	9478746366	Materials & Supplies - Batteries	Materials & supplies	152.07
58625	10/18/2022	W W GRAINGER, INC.	9479537616	Materials & Supplies- Grease for Equipment	Materials & supplies	501.24
Vendor WWG01 - W W GRAINGER, INC. Total:						1709.63

58626	10/13/2022	ZWORLD GIS, LLC	2022-0338	Geographical Information Systems Support Services	Outsd contracts FY23-0011	4500
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TOTAL VENDOR PAYMENTS-CAMROSA

\$
2,258,426.46

DFT0004245	10/06/2022	CAL PERS 457 PLAN	INV0012219	Deferred Compensation	Deferred comp - ee paid	2466.46
DFT0004260	10/06/2022	EMPLOYMENT DEVELOP. DEPT.	INV0012236	Payroll-SIT	P/R-sit	4687.13

Vendor: HEA02 - HealthEquity						
DFT0004248	10/06/2022	HealthEquity	INV0012223	HSA-Employee Contribution	HSA Contributions Payable	438.46
DFT0004249	10/06/2022	HealthEquity	INV0012224	HSA Contributions	HSA Contributions Payable	200
Vendor HEA02 - HealthEquity Total:						638.46

1069	10/06/2022	LINCOLN FINANCIAL GROUP	INV0012220	Deferred Compensation	Deferred comp - ee paid	2183
1070	10/06/2022	LINCOLN FINANCIAL GROUP	INV0012232	Profit Share Contribution	Profit share contributions	2691.33
DFT0004246	10/06/2022	PUBLIC EMPLOYEES	INV0012221	PERS-Classic Employee Portion	P/R-state ret.	16932.98

Vendor: UNI10 - UNITED STATES TREASURY						
DFT0004257	10/06/2022	UNITED STATES TREASURY	INV0012233	FIT	P/R-fit	12142.05
DFT0004258	10/06/2022	UNITED STATES TREASURY	INV0012234	Payroll-Social Security Tax	P/R - ee social security	257.86
DFT0004259	10/06/2022	UNITED STATES TREASURY	INV0012235	Payroll- Medicare Tax	P/R - ee medicare	3152.98
Vendor UNI10 - UNITED STATES TREASURY Total:						15552.89
58569	10/06/2022	UNITED WAY OF VENTURA CO.	INV0012218	Charity-United Way	P/R-charity	20

TOTAL PAYROLL VENDOR PAYMENTS-CAMROSA

\$
45,172.25

Board Memorandum

October 27, 2022

To: General Manager

From: Ian Prichard, Assistant General Manager

Subject: MKN Contract Extension for GAC Construction Management

Objective: Continue construction management on the granular activated carbon (GAC) construction project at the Conejo Wellfield.

Action Required: Authorize the General Manager to increase the contract with MKN & Associates by \$186,831.00.

Discussion: MKN currently provides construction management services for the GAC construction project at the Conejo Wellfield. The bulk of these services are on-site observation and inspection, in addition to document control and coordination of various contractors and vendors.

The scope of the original MKN contract assumed 110 working days of full-time on-site observation and inspection: the District wanted our representative on site whenever the contractor was working. The contractor, James C. Cushman, mobilized to the site earlier than anticipated, necessitating MKN's presence early in the project. Due to manufacturing delays, the contractor will be on site past the originally envisioned completion date of December 12, 2022 and into 2023. The 120 additional working days of on-site observation represented by the attached contract extension are expected to be more than adequate to cover the completion of the project. The MKN contract is written as "not-to-exceed"; any hours not worked will not be charged. MKN has extended 2021 labor rates through the duration of this contract.

Staff is working with Cushman on a construction contract extension and will present that for the Board's consideration at a future meeting.

**Camrosa Water District
7385 Santa Rosa Rd.
Camarillo, CA 93012
Telephone (805) 482-4677 - FAX (805) 987-4797**

Some of the important terms of this agreement are printed on pages 2 through 3. For your protection, make sure that you read and understand all provisions before signing. The terms on Page 2 through 3 are incorporated in this document and will constitute a part of the agreement between the parties when signed.

TO: MKN & Associates
PO Box 1604
Arroyo Grande, CA 93421

DATE: October 27, 2022
Agreement No.: 2022-119 Amend #1

The undersigned Consultant offers to furnish the following: provide construction & startup for the Conejo Wellfield Gac Treatment Plant.

Contract price \$: Not to exceed \$179,850 per proposal dated November 2, 2021
Amend #1 \$186,831 per proposal dated October 13, 2022
Total not to exceed \$366,681.00

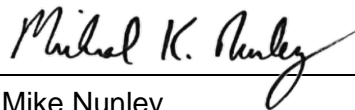
Contract Term: November 18, 2021- June 30, 2023

Instructions: Sign and return original. Upon acceptance by Camrosa Water District, a copy will be signed by its authorized representative and promptly returned to you. Insert below the names of your authorized representative(s).

Accepted: Camrosa Water District

Consultant: MKN & Associates

By: _____
Tony L. Stafford

By: _____
Mike Nunley

Title: General Manager

Title: President & CEO

Date: _____

Date: 10/17/2022

Other authorized representative(s):

Other authorized representative(s):

Consultant agrees with Camrosa Water District (District) that:

- a. **Indemnification:** To the extent permitted by law, Consultant shall hold harmless, defend at its own expense, and indemnify the District, its directors, officers, employees, and authorized volunteers, against any and all liability, claims, losses, damages, or expenses, including reasonable attorney's fees and costs, arising from negligent acts, errors or omissions of Consultant or its officers, agents, or employees in rendering services under this contract; excluding, however, such liability, claims, losses, damages or expenses arising from the District's sole negligence or willful acts.
- b. **Minimum Insurance Requirements:** Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries or death to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Consultant, his agents, representatives, employees or subcontractors.
- c. **Coverage:** Coverage shall be at least as broad as the following:
 1. **Commercial General Liability (CGL) -** Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 00 01) including products and completed operations, property damage, bodily injury, personal and advertising injury with limit of at least two million dollars (\$2,000,000) per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (coverage as broad as the ISO CG 25 03, or ISO CG 25 04 endorsement provided to the District) or the general aggregate limit shall be twice the required occurrence limit.
 2. **Automobile Liability -** (If applicable) Insurance Services Office (ISO) Business Auto Coverage (Form CA 00 01), covering Symbol 1 (any auto) or if Consultant has no owned autos, Symbol 8 (hired) and 9 (non-owned) with limit of one million dollars (\$1,000,000) for bodily injury and property damage each accident.
 3. **Workers' Compensation Insurance -** as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
 4. **Waiver of Subrogation:** The insurer(s) named above agree to waive all rights of subrogation against the District, its directors, officers, employees, and authorized volunteers for losses paid under the terms of this policy which arise from work performed by the Named Insured for the District; but this provision applies regardless of whether or not the District has received a waiver of subrogation from the insurer.
 5. **Professional Liability -** (also known as Errors & Omission) Insurance appropriate to the Consultant profession, with limits no less than \$1,000,000 per occurrence or claim, and \$2,000,000 policy aggregate.
- d. **If Claims Made Policies:**
 1. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
 2. Insurance must be maintained and evidence of insurance must be provided **for at least five (5) years after completion of the contract of work.**
 3. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the Consultant must purchase "extended reporting" coverage for a minimum of five (5) years after completion of contract work.

If the Consultant maintains broader coverage and/or higher limits than the minimums shown above, the District requires and shall be entitled to the broader coverage and/or higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the District.

Other Required Provisions: The general liability policy must contain, or be endorsed to contain, the following provisions:

- a. **Additional Insured Status:** District, its directors, officers, employees, and authorized volunteers are to be given insured status (at least as broad as ISO Form CG 20 10 10 01), with respect to liability arising out of work or operations

performed by or on behalf of the Consultant including materials, parts, or equipment furnished in connection with such work or operations.

- b. **Primary Coverage:** For any claims related to this project, the Consultant's insurance coverage shall be primary at least as broad as ISO CG 20 01 04 13 as respects to the District, its directors, officers, employees, and authorized volunteers. Any insurance or self-insurance maintained by the District, its directors, officers, employees, and authorized volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

Notice of Cancellation: Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the District.

Self-Insured Retentions: Self-insured retentions must be declared to and approved by the District. The District may require the Consultant to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or the District.

Acceptability of Insurers: Insurance is to be placed with insurers having a current A.M. Best rating of no less than A:VII or as otherwise approved by the District.

Verification of Coverage: Consultant shall furnish the District with certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the District before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. The District reserves the right to require complete, certified copies of all required insurance policies, including policy Declaration and Endorsements pages listing all policy endorsements. If any of the required coverages expire during the term of this agreement, the Consultant shall deliver the renewal certificate(s) including the general liability additional insured endorsement to Camrosa Water District at least ten (10) days prior to the expiration date.

Subcontractors: Consultant shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Consultant shall ensure that the District, its directors, officers, employees, and authorized volunteers are an additional insured on Commercial General Liability Coverage.

Other Requirements:

- a. Consultant shall not accept direction or orders from any person other than the General Manager or the person(s) whose name(s) is (are) inserted on Page 1 as "other authorized representative(s)."
- b. Payment, unless otherwise specified on Page 1, is to be 30 days after acceptance by the District.
- c. Permits required by governmental authorities will be obtained at Consultant's expense, and Consultant will comply with applicable local, state, and federal regulations and statutes including Cal/OSHA requirements.
- d. Any change in the scope of the professional services to be done, method of performance, nature of materials or price thereof, or to any other matter materially affecting the performance or nature of the professional services will not be paid for or accepted unless such change, addition or deletion is approved in advance, in writing by the District. Consultant's "other authorized representative(s)" has/have the authority to execute such written change for Consultant.

The District may terminate this Agreement at any time, with or without cause, giving written notice to Consultant, specifying the effective date of termination.

Board Memorandum

October 27, 2022

To: General Manager

From: Ian Prichard, Assistant General Manager

Subject: Geolocation of District Assets

Objective: Complete the geolocation of the District's assets.

Action Required: Authorize the General Manager to enter into an agreement with and issue a purchase order for \$45,000.00 to ZWorld for geolocation services.

Discussion: Last year, the District contracted with Water Systems Optimization (WSO) to provide leak detection and geolocation services.

WSO completed the leak detection efficiently to the District's satisfaction, but the Geolocation proved more difficult. The terrain of the Santa Rosa Valley interrupted connectivity of WSO's geolocation devices, and they were unable to provide data at a level of accuracy acceptable to the District without a significant change in scope. Approximately half the service locations remain outstanding. Approximately \$41,427.00 remained on the WSO contract, prior to termination.

In July 2022, the District contracted with ZWorld to provide GIS support services. ZWorld is providing excellent service so far, meeting staff's expectations, delivering timely and high-quality results, and providing insights and suggestions for further efficiencies. Staff requested input from ZWorld on the geolocation issues we were facing with WSO, and their response was the attached proposal to complete the work. ZWorld has at its disposal several types of geolocation devices that, based on their work in the District service area over the last few months, they are confident will provide the required accuracy.

**Camrosa Water District
7385 Santa Rosa Rd.
Camarillo, CA 93012
Telephone (805) 482-4677 - FAX (805) 987-4797**

Some of the important terms of this agreement are printed on pages 2 through 3. For your protection, make sure that you read and understand all provisions before signing. The terms on Page 2 through 3 are incorporated in this document and will constitute a part of the agreement between the parties when signed.

TO: ZWORLD GIS
27 West Anapamu Street Suite 191
Santa Barbara, CA 93101

DATE: October 27, 2022

Agreement No.: 2023-87

The undersigned Consultant offers to furnish the following: Service Connections GPS inventory per proposal dated September 30, 2022 (attached).

Contract price \$: Not to exceed \$45,000 per proposal.

Contract Term: October 27, 2022 – June 30, 2023

Instructions: Sign and return original. Upon acceptance by Camrosa Water District, a copy will be signed by its authorized representative and promptly returned to you. Insert below the names of your authorized representative(s).

Accepted: Camrosa Water District

Consultant: ZWORLD GIS

By: _____
Tony L. Stafford

By: Zacharias Hunt
Zacharias Hunt

Title: General Manager

Title: GIS Manager

Date: _____

Date: 10-17-22

Other authorized representative(s):

Other authorized representative(s):

Consultant agrees with Camrosa Water District (District) that:

- a. **Indemnification:** To the extent permitted by law, Consultant shall hold harmless, defend at its own expense, and indemnify the District, its directors, officers, employees, and authorized volunteers, against any and all liability, claims, losses, damages, or expenses, including reasonable attorney's fees and costs, arising from negligent acts, errors or omissions of Consultant or its officers, agents, or employees in rendering services under this contract; excluding, however, such liability, claims, losses, damages or expenses arising from the District's sole negligence or willful acts.
- b. **Minimum Insurance Requirements:** Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries or death to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Consultant, his agents, representatives, employees or subcontractors.
- c. **Coverage:** Coverage shall be at least as broad as the following:
 1. **Commercial General Liability (CGL) -** Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 00 01) including products and completed operations, property damage, bodily injury, personal and advertising injury with limit of at least two million dollars (\$2,000,000) per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (coverage as broad as the ISO CG 25 03, or ISO CG 25 04 endorsement provided to the District) or the general aggregate limit shall be twice the required occurrence limit.
 2. **Automobile Liability -** (If applicable) Insurance Services Office (ISO) Business Auto Coverage (Form CA 00 01), covering Symbol 1 (any auto) or if Consultant has no owned autos, Symbol 8 (hired) and 9 (non-owned) with limit of one million dollars (\$1,000,000) for bodily injury and property damage each accident.
 3. **Workers' Compensation Insurance -** as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
 4. **Waiver of Subrogation:** The insurer(s) named above agree to waive all rights of subrogation against the District, its directors, officers, employees, and authorized volunteers for losses paid under the terms of this policy which arise from work performed by the Named Insured for the District; but this provision applies regardless of whether or not the District has received a waiver of subrogation from the insurer.
 5. **Professional Liability -** (also known as Errors & Omission) Insurance appropriate to the Consultant profession, with limits no less than \$1,000,000 per occurrence or claim, and \$2,000,000 policy aggregate.
 6. **Cyber Liability Insurance (Technology Professional Liability – Errors and Omissions),** with limits not less than \$2,000,000 per occurrence or claim, and \$2,000,000 aggregate or the full per occurrence limits of the policies available, whichever is greater. Coverage shall be sufficiently broad to respond to the duties and obligations as is undertaken by Vendor in this Agreement and shall include, but not be limited to, claims involving infringement of intellectual property, including but not limited to infringement of copyright, trademark, trade dress, invasion of privacy violations, information theft, damage to or destruction of electronic information, release of private information, alteration of electronic information, extortion and network security. The policy shall provide coverage for breach response costs as well as regulatory fines and penalties as well as credit monitoring expenses with limits sufficient to respond to these obligations.
- d. **If Claims Made Policies:**
 1. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
 2. Insurance must be maintained and evidence of insurance must be provided **for at least five (5) years after completion of the contract of work.**

3. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the Consultant must purchase "extended reporting" coverage for a minimum of five (5) years after completion of contract work.

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Other Required Provisions: The general liability policy must contain, or be endorsed to contain, the following provisions:

- a. **Additional Insured Status:** District, its directors, officers, employees, and authorized volunteers are to be given insured status (at least as broad as ISO Form CG 20 10 10 01), with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts, or equipment furnished in connection with such work or operations.
- b. **Primary Coverage:** For any claims related to this project, the Consultant's insurance coverage shall be primary at least as broad as ISO CG 20 01 04 13 as respects to the District, its directors, officers, employees, and authorized volunteers. Any insurance or self-insurance maintained by the District, its directors, officers, employees, and authorized volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

Notice of Cancellation: Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the District.

Self-Insured Retentions: Self-insured retentions must be declared to and approved by the District. The District may require the Consultant to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or the District.

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- b. Payment, unless otherwise specified on Page 1, is to be 30 days after acceptance by the District.
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- d. Any change in the scope of the professional services to be done, method of performance, nature of materials or price thereof, or to any other matter materially affecting the performance or nature of the professional services will not be paid for or accepted unless such change, addition or deletion is approved in advance, in writing by the District. Consultant's "other authorized representative(s)" has/have the authority to execute such written change for Consultant.

The District may terminate this Agreement at any time, with or without cause, giving written notice to Consultant, specifying the effective date of termination.

CAMROSA WATER DISTRICT
SERVICE CONNECTION GPS INVENTORY

September 30, 2022



Submitted to:

Joe Willingham
Information Technology Manager
Camrosa Water District
7385 Santa Rosa Road
Camarillo, CA 93012

Submitted by:

ZWORLD GIS
27 West Anapamu Street Suite #191
Santa Barbara, CA 93101
Tel 805.448.1726
info@zworldgis.com

September 30, 2022

Camrosa Water District
7385 Santa Rosa Road
Camarillo, CA 93012

Re: SERVICE CONNECTION GPS INVENTORY


ZWORLD GIS is honored to provide a solution for the District's need for ongoing GIS Support. The attached submittal contains details on the GIS Support Services we provide and the particular approach we have designed for collecting the remaining Service Connections for the Potable and Non-Potable systems. The Camrosa Water District having previous consultants collect service connections, identifies the need to complete the GPS location of these assets.

The Camrosa Water District has invested in the positional accuracy of its assets for Potable and Non-Potable systems. Previous efforts delivered a variety of positional accuracy and completeness, and Camrosa would like to finish the effort by collecting the remaining service connections with high precision GPS equipment in a short collection time.

ZWORLD GIS proposes collecting the remaining service connections for the Potable and Non-Potable systems, which will complete the goal of having positional accuracy for these assets of the respected systems. ZWORLD GIS estimates collecting an additional 5,000 service connections within a six month collection window, with a sub-foot target accuracy and a maximum tolerance of +/- 1 foot.

Thank you for the opportunity to provide you with this proposal. ZWORLD GIS would welcome any opportunity to meet with District officials to discuss any District specific questions related to this proposal. We understand the importance of this project to the District and the local community. We look forward to talking with you at your convenience.

Sincerely,



Zacharias Hunt, MPA
Project Manager
ZWORLD GIS



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About ZWORLD GIS



GEOSPATIAL INFORMATION SYSTEMS

- Mapping**
- Needs Assessment & Strategic Planning**
- GIS Data Development**
- GIS Training**
- GIS Database Design & Development**
- GIS Application Development**
- Systems Integration**
- Project Management**
- Staff Supplement**
- Emergency Preparedness**

"Zacharias is highly expertised in GIS, but never ceases the exploration of new techniques and applications. He's got that rare capability to take control of the details while remaining flexible and creative, and always with the customer foremost in mind." - Lauren Moore, County of Santa Barbara

As a one of the leading service providers of geospatial data products and services in the Santa Barbara/Ventura region, we are cognizant of the crucial role that such information and technology plays in key decisions at all levels of government. ZWORLD GIS is committed to the highest quality and technical standards in this industry, and to supplying decision makers with reliable, accurate information that empowers decision making. This commitment is what sets ZWORLD GIS above others in the industry.

Our goal has been to combine cutting-edge technology with a team of key technical personnel with impressive career achievements and extensive experience in the field of Geospatial Technology and Mapping. ZWORLD GIS will be utilizing the latest approaches and best practices developed in the industry. ZWORLD GIS draws upon the 25 years of experience deploying GIS services, which included developing a GIS Strategic Plan for the County of Santa Barbara as well as the Channel Islands Regional Geographic Information System Collaborative. Being familiar with asset management, mobile field applications, engineering and design processes, legal policies and procedures, and GIS solutions, ZWORLD GIS is uniquely qualified to produce GIS data that is realistic and will assist with achieving business success for the Camrosa Water District.

ZWORLD GIS is a GIS consulting business located in Santa Barbara, California. We provide GIS services and solutions to both private and public organizations. ZWORLD GIS is an Environmental Systems Research Institute, Inc. (ESRI) centered business utilizing the ESRI suite of desktop, database, web, mobile and cloud product solutions and integration strategies related to geospatial data. We support small business needs of basic GIS data development, analyses, and cartographic needs, as well as large scale organizations that require enterprise advanced solutions to capture, store and disseminate information through a variety of application types and portals. With over 25 years of experience in the geospatial technology industry, ZWORLD GIS understands today's business needs within local government and municipalities. Whether the focus is on infrastructure and utility management, planning and land use, law enforcement, environmental and natural resource, emergency preparedness, or public safety, ZWORLD GIS has the experience and resources to meet your challenges with cost effective and scalable GIS solutions.

Scope of Work – Service Connections GPS Inventory

Field GPS Collection

This project will entail a site visit for each service connection asset (from the 5,000 remaining connections) within the Potable and Non-Potable systems. Using mapping grade GPS equipment, ZWORLD GIS will collect the GPS coordinates and location for each asset. This will also capture the attributes as documented below in the collection attribute table.

We estimate an amount of 5,000 service connections exist that will need to be visited and GPS collected. Once the field data is collected, it will be post processed using the nearest CORS Base station which will provide a further accuracy adjustment. The final position for each service connection will be within the District standard of plus or minus one-foot horizontal precision. Collection of assets will be conducted in a continuous geographic deployment and ZWORLD GIS will provide monthly Project Reports to the District on the progress of collection. Final data will be provided in the standard GIS data format of a file geodatabase, which is compatible to the current District GIS SDE Server environment. Lastly the final data will be provided in the District new operating projection of NAD83 State Plane Zone V, using Datum 2010.



Field name	Alias	Description	Type of entry*
OBJECTID	OBJECTID	ESRI ID	Natural numbers
CreationDate	CreationDate	Date when report was generated	Date & time
asset_type	Asset Type	It defines if the point is a POC with meter, POC without meter or other asset.	POC with meter, POC NO meter, Other
water_type	Water type:	Type of water system.	Potable, Non Potable, Undetermined
comments	Comments	Comments	Alphanumeric
h_rms	Horizontal Accuracy (m)	Horizontal Accuracy (m)	Rational numbers
v_rms	Vertical Accuracy (m)	Vertical Accuracy (m)	Rational numbers
nsslattitude	Latitude	Latitude	Decimal degrees
longitude	Longitude	Longitude	Decimal degrees
fixddate	Fix Time	Date & time when coordinates were fixed	Date & time
avg_h_rms	Average Horizontal Accuracy (m)	Average Horizontal Accuracy (m)	Rational numbers
avg_v_rms	Average Vertical Accuracy (m)	Average Vertical Accuracy (m)	Rational numbers
avg_positions	Averaged Positions	Number of positions that average in order to determine final position.	Natural numbers
Feature_ID	ID	Feature identifier	Alphanumeric

Collection Attribute Table

Cost and Schedule

It is proposed that the services involved in the scope of work be conducted by ZWORLD GIS staff as shown on the following page. ZWORLD GIS will be the primary contractor for the proposed scope of work. Deliverables from GIS Professional Services is proposed at a cost and not to exceed \$45,000, and all work under this proposal would be invoiced monthly, and expected to be completed within a six-month timeline.

Camrosa Water District– Service Connections GPS Inventory

Service Connection Field Inventory Cost: \$45,000

Total GIS Project Cost	\$45,000
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Support Team

Zacharias Hunt
Project Manager



Overview

Mr. Hunt is the founding principal of ZWORLD GIS. He has been working in the GIS/Mapping and local government industry since 1999 and holds a Master's degree in Public Administration as well as a Bachelor Degree in Geography. Mr. Hunt also has certification in the use of Global Positioning Systems (GPS) from Ventura College, California. Mr. Hunt has been involved in all aspects of deploying GIS for local government special districts. As the Geographic Information Officer (GIO) for Santa Barbara County, Mr. Hunt managed all aspects of a County Enterprise GIS program which included: developed and implemented a County GIS Strategic Plan; managed GIS web based applications for both internal County staff as well as the public; implemented GIS policy and standards; participated in annual budgeting and procurement process for GIS; developed sustainable GIS revenue opportunities; recruited and trained GIS staff; managed the County GIS Internship program; and coordinated GIS based systems for the County Office of Emergency Services (OES). Mr. Hunt also participates with the Channel Island Regional GIS Collaborative, and served as President from 2010-2016.

Education & Qualifications

- Masters of Science Degree – Public Administration, California State University of Northridge, 2011
- Bachelor of Arts Degree – Geography, University of California, Santa Barbara, 1999

Career Experience

Owner, ZWORLD GIS
June 2011 – Present

CIRGIS President, CIRGIS Collaborative
Mar. 2010 – Jan. 2016

Geographic Information Officer (GIO), Santa Barbara County, CA
Feb. 2007 – June 2011

Public Works GIS Supervisor, Santa Barbara County, CA
Aug. 2004 – Feb. 2007

Lead GIS Analyst, Nellis Air Force Base (USAFE Geobase)
Feb. 2004 – Aug. 2004

Public Works GIS Analyst, Santa Barbara County, CA
Apr. 2000

QUICK FACTS

Previously Managed Projects:

CHANNEL ISLANDS BEACH COMMUNITY SERVICES DISTRICT

Created & upgraded the GIS data for the District Water system which included:

- * Water Pipe Mains / Laterals
- * Water Meters
- * System Valves
- * Fire Hydrants
- * Pressure Zones

VENTURA RIVER WATER DISTRICT

Created & upgraded the GIS data for the District Water system which included:

- * Water Pipe Mains / Laterals
- * Water Meters
- * System Valves
- * Fire Hydrants
- * Pressure Zones

MONTECITO WATER DISTRICT

Created & upgraded the GIS data for the District Water system which included:

- * Water Pipe Mains / Laterals
- * System Valves
- * Fire Hydrants
- * Pressure Zones

CITY OF SOLVANG

Developed new City Water GIS system which included:

- * Water Pipe Mains / Laterals
- * System Valves
- * Fire Hydrants
- * Pressure Zones

Support Team

Gavin Leavitt
GIS Analyst



Overview

Mr. Leavitt is the lead GIS Analyst of ZWORLD GIS. He has been working in the Geospatial Science Industry and assisting with local government agencies since 2015 and holds a Bachelor of Science degree in Marine Sciences and a Master of Science Degree in Applied Marine Science from California State University, Monterey Bay. Mr. Leavitt also has obtained certifications in the use of Esri GIS Desktop software, and is qualified on mapping grade GPS collection processes in the field. Mr. Leavitt is also a UAV Operator with a Part 107 Certified Remote Commercial Pilot license. Mr. Leavitt has been involved in the many aspects of mapping and data development of GIS for local government and special district agencies. As the Geospatial Information Systems Analyst for ZWORLD GIS, Mr. Leavitt provides core functions of a GIS data development project which can include developing a technical strategy for data creation; development of GIS data with advanced digitization techniques; create accurate and reliable data from field collection using GPS equipment; integrate GIS data into various third party databases systems; and produce final data reports describing technique, statistical analysis, and metadata documentation. Mr. Leavitt also assists in supporting Web Map applications for agencies that need a common tool to use for all staff. Mr. Leavitt enables agencies by preparing custom training guides for on-site training sessions so staff become more aware of the functionality of the GIS Web Map application deployed by their organization, as well as maintaining core base data for each application to ensure that the GIS is kept relevant and reliable.

Education & Qualifications

- Masters of Science Degree – Applied Marine Science, California State University, Monterey Bay, 2017
- Bachelor of Science Degree – Marine Sciences, California State University, Monterey Bay, 2015
- UAV Operator – Part 107 Certified Remote Commercial Pilot License

Career Experience

GIS Analyst, ZWORLD GIS
December 2020 – Present

GIS Technician, City of Salinas
January 2017 – July 2020

Research Assistant, Monterey Bay Aquarium Research
Institute June 2016 – November 2016

QUICK FACTS

Recent Projects:

CITY OF SALINAS

Handled city employee, contractor, and public requests for spatial data, maps, and web applications using a variety of formats. Built out the City Sanitary Sewer and Storm Drain system GIS datasets using historic engineering plans. Built City Sewer Utility Network for ArcMap.

Published ArcGIS for Server:

- * WFS
- * WMS
- * Geoprocessing Services
- * Feature Services

GOLETA STORM DRAIN GIS

Developed advanced GIS data for the City of Goleta Storm Drain system which included creating system GIS layers from field GPS collection and as-built research.

- * Inlets
- * Outlets
- * Maintenance Holes
- * Surface Drainage
- * Underground Drainage

CHANNEL ISLANDS BEACH COMMUNITY SERVICES DISTRICT

Created & upgraded the GIS data for the District Water system which included:

- * Water Pipe Mains / Laterals
- * Water Meters
- * System Valves
- * Fire Hydrants
- * Pressure Zones

References

City of Solvang, California



Company Address: 411 Second Street, Solvang CA 93463
Contact Phone: 805.588.4424
Contact Person: Mike Matthews
Date: 2011-Current

Goleta Sanitary District, California



Company Address: 1 Moffett Place, Goleta, CA 93117
Contact Phone: 805.760.4426
Contact Person: Luis Asorga
Date: 2015-Current

City of Goleta, California



Company Address: 130 Cremona Drive, Goleta, CA 93117
Contact Phone: 805.618.5768
Contact Person: Andrea Dransfield
Date: 2013-Current

Montecito Water District, California



Company Address: 583 San Ysidro Road, Montecito, CA 93108
Contact Phone: 805.969.2271
Contact Person: Adam Kanold
Date: 2013-Current

City of Carpinteria, California



Company Address: 5775 Carpinteria Avenue, Carpinteria, CA 93013
Contact Phone: 805.684.5405
Contact Person: John Ilasin
Date: 2015-Current

Ventura River Water District, California



Company Address: 409 Old Baldwin Rd, Ojai, CA 93023
Contact Phone: 805.646.3403
Contact Person: Bert Rapp
Date: 2019-Current

County of Santa Barbara, Public Works Department – Transportation Division



Company Address: 123 East Anapamu Street, Santa Barbara, CA 93101
Contact Phone: 805.896.6296
Contact Person: Kurt Klucher
Date: 2011-Current

Board Memorandum

October 27, 2022

To: General Manager

From: Terry Curson, District Engineer

Subject: University Well Rehabilitation Project

Objective: Assess the condition of and rehabilitate the University Well.

Action Required: It is recommended that the Board of Directors:

- 1) Appropriate funding, in the amount of \$120,000.00, for the University Well Rehabilitation
- 2) Authorize the General Manager to negotiate an agreement and award a contract to Geoscience Support Services, Inc., in the amount of \$106,499.00, for professional services related to condition assessment and rehabilitation of the University Well.

Discussion: The University Well was constructed in 1987 and screened between 280 feet and 900 feet, its bottom depth. In 2010, the specific capacity was determined to be 25 gallons per minute per foot, consistent over a range of flows. Operational data beginning in 2017 began to show efficiency loss and decreased production. In 2021, the well was taken offline and evaluated. Video logs showed intermittent biological growth and some mineral deposition and plugging at various locations throughout the well screen. The well was steel wire brushed the entire depth and then injected with hydrochloric acid and “Well Renew” followed by agitation, along with airlifting and dual swab until the water was clear. A follow-up video was performed that showed a clean well.

The 2021 rehabilitation cleaning had little effect on the downward trend in pumping water levels. In August 2022, Camrosa staff contracted with Water System Engineering to perform a complete well profile to establish both static and dynamic water quality information within the well. The results showed a highly mineralized water, which is consistent with brackish water quality. In addition to other constituents, high levels of silica along with crystalline debris in the casing suggest a strong potential for formation influence and mechanical fouling of the well system.

On September 7, 2022, Camrosa staff met with Geoscience Support Services to discuss the University Well condition, and laid out various historical information, current condition, and feasibility for rehabilitation of the well. Geoscience provided a comprehensive proposal (attached) that provides a complete condition assessment and remediation for the well that includes, but is not limited to:

- Reviewing background data
- Field testing of existing pumping conditions
- Well condition assessment
- Development of workplan/technical specifications
- Field engineering services during rehabilitation
- Post testing and summary report

Geoscience's original proposal was \$112,409.00. Staff was able to negotiate a reduced cost to \$106,499; an approximate five-percent reduction.

This project was not included in the FY2022-23 budget. Staff recommends the Board appropriate funding in the amount of \$120,000.00 for hydrogeological services. Once the assessment and rehabilitation specifications are complete, and rehabilitation costs known, staff will return to the Board to request additional funds for the well rehabilitation work.

Funding is available from the District's Potable Water Capital Improvement Fund.



October 20, 2022

Mr. Terry Curson, PE
District Engineer
Camrosa Water District
7385 Santa Rosa Rd.
Camarillo, CA 93012

Subject: Proposal for Professional Hydrogeological Services Related to Condition Assessment and Rehabilitation of Camrosa Water District's University Well

Dear Terry:

Geoscience Support Services, Inc. (Geoscience) is pleased to submit this proposal to provide professional geohydrological services related to the development of contract documents for the well assessment, rehabilitation, and redevelopment of Camrosa Water District's (CWD) University Well.

The well was constructed in 1987. It was completed to 900-ft bgs, with 0.090 inch perforations from 280- to 900-ft bgs. Data on the original gravel pack size is not available. The SWR log reports a static water level of 127-ft bgs, but shallower water levels were observed during the pump development and testing. If the water levels and flow rate were accurately documented, the specific capacity was approximately 171 gpm/ft. This specific capacity is remarkably high and may not be accurate.

Additional pumping tests were conducted in 2010. During these tests a specific capacity of approximately 25 gpm/ft was observed at 600, 800 and 1,200 gpm. At the time of the testing, the investigator felt that the consistent specific capacity was a result of meteorological effects on pumping water level.

Operational data from 2017 to the present shows an increasing separation between static and pumping water levels. The well appears to be losing efficiency and chemical redevelopment of the well in 2021 does not appear to have affected the downward trend in pumping water levels. Pump testing was not performed before or after the rehabilitation effort, so analysis is limited to the consideration of long-term trends and review of the summary provided by the rehabilitation contractor.

From the data provided by CWD, it appears that the well would benefit from a full rehabilitation program, including initial cleaning, high energy mechanical development,

chemical cleaning, and final mechanical redevelopment with a pump test. Geoscience proposes the following scope of work to fully assess the condition of the well, develop a rehabilitation plan, and provide engineering services during construction (ESDC) for the rehabilitation.

SCOPE OF WORK

1.0 PROJECT MANAGEMENT AND MEETINGS

1.1 Project Kick-Off Meeting and Project Management

The primary objective of the project kick-off meeting will be to meet face-to-face with key project individuals from CWD to make sure that everyone understands the intent, objectives, tasks, budgets, schedules, milestones, and deliverables of this project. The kick-off meeting also identifies any individuals outside of Geoscience that may be responsible for implementing any part of the work. This meeting provides a forum for discussion of critical path tasks such as data collection such that those tasks can be efficiently expedited.

The Geoscience Project Manager will review the study area and generally assess existing conditions and data requirements prior to attending the kickoff meeting. Other objectives of the kickoff meeting include (but are not necessarily limited to):

- Clarification of key issues for the project,
- Clarification and refinement of the scope of work based on the key issues,
- Clarification of the data needs to address the scope of work,
- Discussion of the project schedule.

A request for additional geohydrologic data and information not currently in Geoscience's database will be submitted and discussed at the kick-off meeting.

1.2 Project Progress Meetings

Geoscience will prepare for and attend bi-monthly conference call meeting to provide monthly progress reports to CWD and project personnel discussing schedule and any changes to project scope or specifications. We anticipate 10 meetings, each lasting half an hour.

We anticipate six weeks to perform the condition assessment and develop the workplan, twelve weeks to perform the field portion of the work, and two weeks to prepare the technical memo. The field schedule will be largely driven by the contractor availability.

Anticipated Schedule

Phase	Task	Duration	Comment
1	Condition Assessment	3 Weeks	
1	Workplan/Technical Specification	3 Weeks	6 Weeks anticipated for phase 1.
2	Contractor Mobilization	4 Weeks	
2	Brushing, Bailing, High Energy Development	1 Week	
2	Swabbing & Airlifting, Chem. Injection,	2 Week	
2	Test Pump installation, pump development, testing, test pump removal	4 Weeks	
2	Pump Reinstall	1 Week	
3	Tech Memo	2 Weeks	

Meetings will pause after the work plan and resume once the contractor has begun work.

2.0 CONDITION ASSESSMENT

2.1 Obtain, Compile, and Review Background Data

To prepare a technical memorandum assessing the current condition of the well and to provide a workplan/technical specification for rehabilitation of the university well, Geoscience will obtain and review all relevant data that pertains to the well. These data will include, but is not limited to:

- Existing borehole logs
- Well construction details
- Groundwater elevation data
- Groundwater quality data
- Water production records
- Recent and historical down-hole video survey
- Operational details and history

Much of this data was provided to Geoscience already, but additional analysis will be required, and other sources will be considered.

2.2 Step Drawdown Test with Existing Pumping Equipment

Geoscience will coordinate with CWD operations staff to conduct step drawdown testing of the University Well using the existing pumping equipment. This testing will provide a baseline well efficiency to compare against data collected in the 2010 testing and to compare against results of step testing performed after the rehabilitation is complete.

Geoscience staff will be present onsite to take drawdown and flowrate measurements, but will require CWD staff assistance to operate the pump and valves.

2.3 Well Condition Assessment TM

Geoscience will prepare a condition assessment TM analyzing the long-term declining efficiency trends, available pumping test and water quality data. This document will consolidate the existing information on the well and make recommendations for steps for future rehabilitation. Geoscience will submit a 100% DRAFT electronically and virtually meet with CWD to discuss comments. The comments will be addressed in a Final electronic submittal.

Deliverables

- Well Condition Assessment TM

3.0 REDEVELOPMENT TECHNICAL SPECIFICATIONS/WORKPLAN

CWD staff have indicated that the District currently has a maintenance agreement with a C-57 contractor. Due to this existing agreement, we assume that the rehabilitation program Geoscience develops will be utilized as a workplan to guide the contractor's effort, rather than technical specifications to be included as part of contract documents.

At the start of this task, CWD will determine if the contract will be bid or sourced through the existing maintenance agreement. Geoscience will prepare a document corresponding to the project delivery method. Either option will include specific methodology for development, chemistry, hours required for development, and standards for measuring completeness of development. The workplan will include collaboration with the contractor in developing the methods, the technical specifications will require review of contractor submittals following award.

3.1 Prepare Technical Specifications/Workplan

Geoscience will prepare a detailed workplan /technical plans for the rehabilitation, redevelopment, and testing of University Well, including a detailed schedule of specific tasks

items with unit quantities anticipated for the work. The details of the work plan will be based on the results of the condition assessment, but will generally include (but are not necessarily limited to) the following:

- Well location, depths, dimensions, and materials
- Permits and regulatory requirements
- Compliance with discharge requirements (as necessary)
- Job conditions (e.g., noise suppression, runoff management, power, lighting, water, security, sanitation, parking, traffic control, and work damage)
- Mobilization, demobilization, and site cleanup
- Equipment, materials, and records to be furnished by the contractor
- Records to be kept by the contractor
- Removal and storage of existing pump equipment
- Well cleaning by brushing and bailing
- Video and CITM survey
- High Energy Mechanical Development
- Redevelopment by swabbing and airlifting
- Well cleaning by chemical injection
- Well redevelopment by pumping and surging
- Aquifer pumping and recovery test protocol
- Flowmeter survey
- Field groundwater quality monitoring protocol
- Groundwater sampling protocol
- Post-rehabilitation “dual-cam” downhole video survey
- Final well disinfection

Geoscience will submit an electronic copy of a 100% DRAFT version of the plans to Camrosa for review and comment. Comments to the draft will be incorporated and Geoscience will submit one (1) electronic copy of the 100% FINAL workplan.

Deliverables

- Draft and Final Workplan

4.0 FIELD ENGINEERING SERVICES DURING REHABILITATION

Geoscience staff will be onsite on a full time basis during critical path rehabilitation items such as high energy mechanical development, chemical injection and pump testing. Geoscience staff will be present on a part time basis during less critical activity, such as brushing and bailing or airlifting.

4.1 Construction Management, Pre-Construction Meeting, and Pre-Mobilization Coordination with Contractor

Geoscience will attend one pre-construction meeting with the selected contractor and CWD personnel to review key issues within the contract documents and technical specifications. In addition, questions will be addressed regarding hydrogeologic and logistical matters. Items to be discussed at the meeting will include (but not be limited to) required submittals and inspections, permitting, discharge issues, work schedule, invoicing, and communication protocols. Additionally, at the time of the pre-construction meeting, the prospective contractor will have the opportunity to visit the well site to satisfy themselves regarding conditions that may affect equipment set up. The contractor will have the opportunity to point out any issues they may have regarding preparation of the site for the work. Geoscience will coordinate contractor activities prior to mobilization. This will include verifying that the contractor has provided all submittals required by the technical specifications and that equipment delivered to the site meets the requirements of the specifications.

Geoscience will provide construction management services during the well rehabilitation process to confirm all aspects of the project are carried out in a proper and efficient manner. Construction management activities will include (but not be limited to) review of contractor invoices to verify accuracy and completeness, review of and response to contractor Request for Information (RFIs) and change order requests for legitimacy, preparation of a final “punch list”, and filing of essential paperwork, correspondence, field notes, etc. Daily email and/or phone updates will be provided along with submittal of relevant photographs.

4.2 Mechanical Rehabilitation by Brushing and Bailing

A vigorous mechanical brushing procedure should be implemented to loosen and dislodge a maximum amount of surface encrustation and/or bio-fouling materials. Video surveys conducted as part of the 2021 rehabilitation suggest the amount of encrustation and/or bio-fouling will be minor, so the level of effort for this task is anticipated to be relatively minor.

Geoscience will provide a staff geologist on a part-time during brushing and bailing of the well to monitor the progress of the task and to confirm that the proper methods and equipment are employed. Geoscience will provide direction to contractor regarding problem areas of the well screen that may require additional work.

4.3 Casing Inspection Thickness Measurement and Video Survey

The redevelopment conducted in 2021 appears to have had little impact on the well efficiency, suggesting that a high energy mechanical development method may be required. Before high

energy methods are utilized, a Casing Inspection Thickness Measurement (CITM) and video survey should be conducted to verify that the casing can withstand the energy imparted.

Geoscience will provide a staff geologist on a full-time basis during the CITM and video surveys. Based on the survey results, adjustments to the rehabilitation procedures may be recommended.

4.4 High Energy Mechanical Development

Based on the limited success of the 2021 rehabilitation, Geoscience anticipates that a high energy well redevelopment method be considered for the University Well. This method could include Well Jet, Air Burst, or focused intake pumping depending on the contractor selected for the work and the results of the initial well assessment.

For purposes of this proposal, we assume that the Well Jet or Air Burst methodology will be utilized. Geoscience will provide a staff geologist on a full-time basis during the high energy development.

4.5 Supervision of Intermediate Downhole Video Survey

After completion of the high energy mechanical development, Geoscience will provide full time supervision of the intermediate downhole video survey to document the post-brushing and bailing condition of the well. Based on the results, adjustments to the rehabilitation procedures may be recommended.

4.6 Redevelopment by Swabbing and Airlifting

Initial well redevelopment by swabbing and airlifting is an extremely important component of the well redevelopment process. The Well Jet and Airburst development methods are very effective at loosening material from the filter pack and near well zone, but they do not remove the material or regrade the pack. Some initial swabbing and airlifting must be performed following the high energy methods and before the application of chemistry.

Geoscience anticipates that approximately 100 hours of redevelopment by swabbing and airlifting will be necessary at the University Well (assuming approximately 1.5 hrs. per 10 ft length of well screen (93 hrs.) and time to open ended airlift the casing after development (7 hrs.)). Geoscience will provide part-time supervision during the airlift development process and will closely monitor discharge water turbidity and sand content to track the development progress of the well. Geoscience will carefully follow sand concentrations within the discharge

throughout the process and will provide direction to the contractor should particular areas of the screen require additional work to reduce the sand to a minimum.

4.7 Chemical Rehabilitation

Geoscience has found that chemical cleaning of groundwater wells can be highly effective in restoring production potential. The 2021 rehabilitation included acid and WellRenew. There are several chemicals produced under tradenames similar WellRenew – it is not clear which was utilized. One candidate is a basic surfactant that may have been neutralized by the acid.

We recommend that the University Well undergo chemical cleaning to remove biofilm produced by bacteria, clays and fine-grained sediments, as well as assist in removing biological and mineral deposits that may be clogging the perforations and near-well zone. The exact nature of the chemicals to be used shall be determined during the development of the workplan. Geoscience will provide full-time supervision during mixing and application of the chemical mixture to verify proper chemical concentrations and proper dispersal throughout the well casing and screen.

4.8 Redevelopment by Pumping and Surging

Final redevelopment by pumping and surging is a particularly important part of the redevelopment process and requires close monitoring of water level and discharge data as well as sand content. Geoscience will monitor final development on a full-time basis. Tests for sand content and specific capacity will be performed frequently to measure the advancement of the development process and to confirm that the well is fully developed before beginning the aquifer pumping tests. Geoscience anticipates that a minimum of 40 hours will be necessary for thorough redevelopment of the well.

4.9 Step Drawdown and Constant Rate Pumping Tests, and Water Quality Sampling

Once final redevelopment is determined to be complete, pumping tests will be performed to determine any changes to well and aquifer characteristics and to document sand readings over time from start of pumping. Recovery measurements should be collected for a minimum of four (4) hours following the constant rate pumping test. The recommended aquifer pumping tests are as follows:

- Step Drawdown Pumping Tests - To determine specific capacity and well efficiency relationships. Typically, three to four rates are selected for pumping, beginning at the lowest rate, and working up to the highest.

- Constant Rate Interference Pumping Test & Recovery Test - Time drawdown and recovery measurements will be made to determine aquifer parameters such as transmissivity and storativity. It is recommended that the constant rate test be conducted for 24 hours with 4 hours of recovery measurements.

Geoscience will provide full-time supervision during the step drawdown test and part-time supervision during the 24-hour constant rate and recovery test. Geoscience will also provide supervision of the flowmeter (spinner) testing, typically conducted during the latter portion of the constant rate testing.

These test data will be analyzed to make recommendations on future pump flow rate and depth settings.

4.10 Post-Remediation Video Survey

Following removal of the test pumping equipment and bailing of the bottom of the well, Geoscience will provide full time supervision of a final down-hole video survey to document the post-rehabilitation condition of the well.

4.11 Final Well Disinfection

Supervision of the final chlorination of the well will be provided to confirm that approved disinfection materials, concentrations, and methods are utilized by the contractor.

4.12 Pump Installation

Geoscience will provide inspection services during the reinstallation of the pump. Prior to installation, all equipment will be inspected and documented. Any equipment found unsatisfactory will be flagged and CWD and the Contractor will be notified prior to installation. We will check column pipe for tool marks and verify the contractor applies epoxy patch to any location with exposed metal.

5.0 REPORTING

5.1 Technical Memorandum

At the conclusion of rehabilitation activities, Geoscience will prepare a technical memorandum that summarizes the details of the rehabilitation, redevelopment, and testing process. The report will, at a minimum, include the following:

- Pre-redevelopment well condition
- Chronology of activities
- Description of methods used during well rehabilitation and redevelopment
- Well redevelopment results and post-redevelopment well condition
- Analysis and results of aquifer pumping tests, Pump flow rate and intake level recommendations and comparison to current pump curve.
- Other pertinent data, analytical results, recommendations, and conclusions
- The final report will be submitted 100% FINAL report in electronic format Other pertinent data and analytical results.

Geoscience will submit an electronic copy (i.e., PDF) of the 100% FINAL report.

Deliverables

- Summary Technical Memorandum

Our cost proposal to perform Tasks 1 through 5 is \$106,499 as detailed in the attached Table 1. We anticipate six weeks to perform the condition assessment and develop the workplan, twelve weeks to perform the field portion of the work, and two weeks to prepare the technical memo. The field schedule will be largely controlled by the contractor's availability. Thank you for the opportunity to submit this proposal.

Should you have any questions, please do not hesitate to call me at (909) 451-6650.

Sincerely,

A handwritten signature in blue ink, appearing to read "Chris Coppinger".

Chris Coppinger, PG, CHG
Senior Geohydrologist
Encl.

Cost Assumptions and Basis of Proposal

1. Geoscience's Schedule and Consultants Fee included with this bid are valid for a period of **12** months assuming the starting date shown in the baseline Schedule.
2. Geoscience will manage work hours between employee classifications or utilize other employee classifications provided that the total project fee is not exceeded without prior approval of the Owner. Geoscience will first request approval from the Owner before work hours are managed between Tasks as listed in the Consultants Fee Schedule.
3. Services not Specifically Identified in the Scope of Work are not included in this Agreement for Professional Services.
4. Reimbursable expenses for sub-consultants, sub-contractors, equipment and instrumentation purchase or rental, supplies, travel, and other reimbursable project expenses—excluding field staff per-diem costs--will be billed to client at cost + 10%.
5. Owner and/or Stakeholders will provide data on: **Site Plans, Utility Record Drawings, Nearby Well Locations, Nearby Well Construction Details, Well Production History, Water Level History, Water Quality History, Well Maintenance History, Lithologic Logs, and Geophysical Logs.** Owner and/or Stakeholder provided data is assumed to be in an editable electronic format (eg., Excel, AutoCad GIS).
6. All owner/stakeholder furnished data required for a given Task will be provided to Consultant within a timeframe agreed upon between Consultant and Client, or as shown in the project schedule. Owner-furnished data that is received after the agreed-upon Collection Time Frame, and that necessitates a revision of analyses, calculations, design, or written deliverable, may necessitate a contract amendment.
7. Consultant assumes that data assembled and provided by the Client and/or Project Stakeholders is accurate, complete and can be used as it is. Verification of Owner furnished-data accuracy from primary source(s) is outside the scope of work.
8. One (1) round of comments and resulting deliverable revision is budgeted for each draft design deliverable as listed in the Project Deliverable Schedule. Owner will review and provide comments on the design drawings and contract documents at the 90% level of design. Review of the 100% documents will be made to determine that changes from the 90% documents have been addressed.
9. For review of draft deliverables, Owner will provide consolidated, written, and non-contradictory review comments to Consultant's Deliverables in an electronic, matrix format. All written review comments will be provided within a time frame as agreed upon by the Owner/Stakeholders and Consultant, or as indicated in the baseline project schedule.

Owner and/or Stakeholder comments that are received after the agreed-upon deliverable review Time Frame, and that necessitate an additional revision of the deliverable, will be incorporated upon consultation with the Owner and through a contract modification.

10. Owner or Owner's Representative will provide standard Title and Border drawing sheet templates in current AutoCAD Standard Format that will be used As-is.
11. Budget assumes 900 ft well depth with screen from 280 -900 ft.
12. Scope does not include survey, grading, well equipping and other site improvements unless otherwise specified.
13. Consultant assumes scope of services does not include preparation of bid package or bid support.
14. Support budget for Construction Observation and other On-Site Activities is an allowance only and represents a credible scope and budget based on the known site conditions and Consultant's experience with similar projects. Consultant assumes 12-hr onsite shift for contractor efforts. Effort for this task is limited to the budget identified in the Consultant Fee Estimate. Additional effort that occurs as a result of contractor delays, unforeseen site conditions, or changes to the construction scope, will only be provided upon consultation with the Owner and through a contract modification.

Cost Proposal for Professional Hydrogeological Services Related to
Condition Assessment and Rehabilitation of Camrosa Water District’s University Well

Task Description			GEOSCIENCE SUPPORT SERVICES, INC.								
			Principal Hydrologist	Senior Geohydrologist	Project Geohydrologist	Associate Geohydrologist	Technical Illustrator	Clerical	Labor	Reimbursable Expenses ^{1,2}	Total Cost
Hourly Rate:			\$320	\$235	\$213	\$155	\$155	\$107			
1.0	Project Management and Meetings										
	1.1	Prepare for and Attend Project Kick-Off Meeting, project management		4	12	4		6	\$ 4,758	\$ -	\$ 4,758
	1.2	Project Progress Meetings with DWA (assumes bi-monthly conference call meetings)		6		8			\$ 2,650	\$ -	\$ 2,650
Subtotal			0	10	12	12	0	6	\$ 7,408	\$ -	\$ 7,408
2.0	Condition Assessment										
	2.1	Review available historical data on production trends, groundwater levels, water quality, proximity to other existing wells, and site information.		2	6	12			\$ 3,608	\$ -	\$ 3,608
	2.2	Step Drawdown Test With Existing Pumping Equipment		1	1	12			\$ 2,308	\$ 145	\$ 2,453
	2.2	Deliverable: Condition Assessment TM	1	6	8	16	4		\$ 6,534	\$ -	\$ 6,534
Subtotal			1	9	15	40	4	0	\$ 12,450	\$ 145	\$ 12,595
3.0	Prepare Rehabilitation Plan/Specifications										
	3.1	Deliverable: Draft Rehabilitation workplan, virtual meeting, final workplan	1	6	8	40	8		\$ 10,874	\$ -	\$ 10,874
Subtotal			1	6	8	40	8	0	\$ 10,874	\$ -	\$ 10,874
4.0	Field Engineering Services During Rehabilitation										
	4.1	Provide Construction Management (includes pre-construction meeting, contractor submittal review, response to RFIs, invoice review, change order review, pre-mobilization coordination, and preparation of a final "punch list").		6	12				\$ 3,966	\$ -	\$ 3,966
	4.2	Mechanical Rehabilitation by Brushing and Bailing (part-time supervision).		1		16			\$ 2,715	\$ 145	\$ 2,860
	4.3	Preliminary Down-hole Video and CITM Survey (full-time supervision).				12			\$ 1,860	\$ 145	\$ 2,005
	4.4	High Energy Development	1	4		24			\$ 4,980	\$ 395	\$ 5,375
	4.5	Intermediate Down-hole Video Survey (full-time supervision).		2		8			\$ 1,710	\$ 145	\$ 1,855
	4.6	Redevelopment by Airlifting and Swabbing (part-time supervision).		1	6	60			\$ 10,813	\$ 685	\$ 11,498
	4.7	Chemical Rehabilitation (full-time supervision).		1	4	40			\$ 7,287	\$ 790	\$ 8,077
	4.8	Redevelopment by Pumping and Surging (part-time supervision).		2		40			\$ 6,670	\$ 790	\$ 7,460
	4.9	Aquifer Pumping Tests (includes Step Drawdown, 24-hour Constant Rate, and Recovery).		1	2	40			\$ 6,861	\$ 540	\$ 7,401
	4.10	Final Video Survey (full-time supervision).		1		8			\$ 1,475	\$ 145	\$ 1,620
	4.11	Disinfection (part-time supervision).		2	2	10			\$ 2,446	\$ 145	\$ 2,591
	4.12	Field Services during pump installation		2	36	8			\$ 9,378	\$ 580	\$ 9,958
Subtotal			1	23	62	266	0	0	\$ 60,161	\$ 4,505	\$ 64,666

Cost Proposal for Professional Hydrogeological Services Related to
Condition Assessment and Rehabilitation of Camrosa Water District’s University Well

Task Description				GEOSCIENCE SUPPORT SERVICES, INC.								
				Principal Hydrologist	Senior Geohydrologist	Project Geohydrologist	Associate Geohydrologist	Technical Illustrator	Clerical	Labor	Reimbursable Expenses ^{1,2}	Total Cost
Hourly Rate:				\$320	\$235	\$213	\$155	\$155	\$107			
5.0	Summary Letter Report											
	5.1	Deliverable: Prepare Tech Memo summarizing the methods and results of the rehabilitation		1	8	12	36	4	0	\$ 10,956	\$ -	\$ 10,956
Subtotal				1	8	12	36	4	0	\$ 10,956	\$ -	\$ 10,956
TOTAL HOURS AND COST (TASKS 1 - 5):				4	56	109	394	16	6	\$ 101,849	\$ 4,650	\$ 106,499

Notes:

¹ Reimbursable expenses include Subconsultant fee and field equipment usage (i.e., electric wireline sounder, pressure transducer, water quality meters, field laptop, cell phone communication between field and office, expendable materials, etc.) and daily field per diem (i.e., meals, incidentals, etc.). Some phases of work require inspection outside of normal business hours at short notice request from the contractor. As a cost savings measure, GEOSCIENCE staff will stay locally during those times. The per diem rate charged during these periods will increase to

² Clerical expenses include report and construction drawing reproduction and shipping costs.

Laboratory costs for ground water quality analyses are not included.

It should be noted that additional costs, which cannot be foreseen at this time, are sometimes incurred due to equipment breakdowns on the part of the drilling contractor, and/or problems in material procurement or construction.

Additional inspection hours for such field-related problems are not included in the above costs.

GEOSCIENCE is aware of the requirements of California Labor Code Sections 1720 et seq. and 1770 et seq., which require the payment of prevailing wage rates and the performance of other requirements on certain “public works” and “maintenance” projects. The work GEOSCIENCE performs does not fall under prevailing wage rate categories.



Read File

The following material is provided to members of the Board for information only and is not formally a part of the published agenda.

- A. Change Order Listing
- B. Quarterly Investments (QE 9/30/22)
- C. Cash Balances (September 2022)
- D. 2022 Board Calendar

CURRENT PROJECT CHANGE ORDERS											
Project #	PW/Agreement#	Project	Total Budget	Available Budget	Contractor	Award Date	Brd/Gmgr	Change Order	Original Bid	Negotiated Value	Scope of Services/Change Order Description
900-18-01		CWRF Chemical Storage & Feed System	\$ 1,057,500.00	\$ 32,040.32							
	2019-58				Cannon Corporation	12/13/2018	BD		\$ 100,705.00	\$ 71,765.00	engineering services to rehabilitate the CRWF’s chemical storage and feed system- Originally a combined project to include equipment storage shed. The project scope was reduced to eliminate storage shed and price for the
						9/19/2019	GM	CO #1	\$ 1,700.00	\$ 1,700.00	Chemical Feed System was negotiated.
						12/12/2019	BD	CO #2	\$ 24,553.00	\$ 18,944.00	Engineeering for 3 additional pumps
						6/23/2020	GM	CO #3	\$ 4,407.00	\$ 4,407.00	Construction support services
										\$ 96,816.00	Construction support services
	S 19-05				Travis Ag	12/12/2019	BD		\$ 747,862.00	\$ 747,862.00	Construction
						5/26/2020	GM	CO #1	\$ 5,520.00	\$ 5,520.00	Modify single to dual chemical feed pump
						8/28/2020	GM	CO #2	\$ 2,840.00	\$ 2,840.00	Provide additional skid mounting supports (total of 16)
						2/16/2021	GM	CO #3	\$ 8,335.02	\$ 7,324.51	Provide Foundation Soil Stability for Canopy Footing
						11/23/2021	GM	CO #4	\$ 11,335.55	\$ 11,335.55	Install 2 additional 4inch flange on top of tanks foser ultrasonic sensor installation
						9/27/2022	GM	CO #5	\$ 8,050.00	\$ 8,050.00	install approx. 32LF of 6x6 curb
						10/5/2022	GM	CO #6	\$ 3,496.00	\$ 3,496.00	grit extension
										\$ 786,428.06	
900-18-03		Effluent Pond Relining	\$ 1,501,500.00	\$ 215,266.00							
	2017-30				MNS Engineers, Inc	7/27/2017	BD		\$ 71,988.00	\$ 69,208.00	Award and up to \$14,000 out-of-scope
						7/27/2017	GM	CO #1	\$ 7,165.00	\$ 7,165.00	Geotechnical Investigations (Included in 7/27/20 BM)
						7/27/2017	GM	CO #2	\$ 1,380.00	\$ 1,380.00	Groundwater management alternatives (Included in 7/27/20 BM)
						2/28/2019	BD	CO #3	\$ 19,795.00	\$ 19,795.00	Additional project elements, slope stabilization and surface water management
						5/28/2020	BD	CO #4	\$ 11,330.00	\$ 11,330.00	Services to amend and update plans and specs
						5/13/2021	BD	CO#5	\$ 15,355.00	\$ 15,355.00	Engineering support services during construction
										\$ 124,233.00	
					Oakridge Geoscience, Inc.	5/13/2021	BD			\$ 22,200.00	uuuuuuuuvb
						10/11/2021	GM	CO#1	\$ 3,360.00	\$ 3,360.00	compaction and material testing services
										\$ 25,560.00	supplemental materials testing services
	RW21-01				BOSCO Constructors, Inc.	5/13/2021	BD		\$ 1,055,401.00	\$ 1,055,401.00	Construction of CWRF Effluent Storage Basin Improvements
						1/6/2022	GM	CO #1		\$ 2,746.03	Grinding and patching existing catch basin
						1/6/2022	GM	CO #2		\$ 7,968.23	Install Concrete Curb in lieu of Berm
										\$ 1,066,115.26	
900-18-02		CWRF Dewatering Press	\$ 2,158,000.00	\$ 1,994,063.42							
	2017-33				MNS Engineers, Inc.	8/31/2017	BD		\$ 97,932.00	\$ 97,932.00	Award and up to \$10,000 contingency
						12/8/2017	GM	CO #1	\$ 5,370.00	\$ 5,370.00	Surveying services
						5/28/2020	BD	CO #2	\$ (44,900.00)	\$ (44,900.00)	Credit
						5/28/2020	BD	CO #3	\$ 87,911.00	\$ 87,911.00	professional engineering services to amend and update existing plans and specifications
						9/24/2020	BD	CO #4	\$ 24,670.00	\$ 24,670.00	Modify plans to rotate solids handling building 90 degrees
										\$ 170,983.00	
650-15-01		PV Well (Lynwood Well)	\$ 5,967,000.00	\$ 335,305.14							
	2014-56				Perliter & Ingalsbe	10/22/2014	BD		\$ 156,600.00	\$ 156,600.00	Award and to amend up to \$15,000 for out-of-scope
						5/26/2015	GM	CO #1	\$ 2,950.00	\$ 2,950.00	Additional work field locating
						11/15/2016	GM	CO #2	\$ 3,821.00	\$ 3,821.00	PV well rendering
						11/7/2017	GM	CO #3	\$ 14,922.00	\$ 14,922.00	Prepare Pre-bid documents for pump and motor
						7/26/2018	BD	CO #4	\$ 8,826.00	\$ 8,826.00	Construction services to pump only installation
						12/12/2019	BD	CO #5	\$ 34,956.00	\$ 34,956.00	Review iron and manganese filter & finalize contract plans & specs
						9/2/2020	GM	CO #6	\$ 3,090.00	\$ 3,090.00	T&M Future FE/MN revisions
						3/11/2021	BD	CO #7	\$ 4,935.00	\$ 4,935.00	Finalize plans and specifications
						3/11/2021	BD	CO #8	\$ 795.00	\$ 795.00	engineering design of the removal of filters and reconfiguration of the diesel generator
						3/11/2021	BD	CO #9	\$ 7,182.00	\$ 7,182.00	engineering design of the removal of filters and reconfiguration of the diesel generator
						6/24/2021	BD	CO #10	\$ 76,062.00	\$ 76,062.00	engineering & construction support services
						1/13/2022	BD	CO #11	\$ 55,803.00	\$ 55,803.00	construction support services- additonal work
									\$ 369,942.00	\$ 369,942.00	
					Unified Field Services	6/24/2021	BD		\$ 2,965,198.00	\$ 2,965,198.00	PV Well construction services
						2/15/2022	GM	CO #1	\$ -	\$ -	Add 23 working days no cost
						5/31/2022	GM	CO#2	\$ 18,515.19	\$ 18,515.19	PLC cost sharing
										\$ 2,983,713.19	
					American Public Works Consulting Engineers	6/24/2021	BD			\$ 68,200.00	construction management services
						5/3/2022	GM	CO #1		\$ 15,500.00	construction management services @ 100 hours
										\$ 83,700.00	
					Golden State Labor Compliance	7/16/2015	GM			\$ 3,900.00	labor compliance support
						7/26/2018	BD	CO #1		\$ 4,700.00	labor compliance support
						6/24/2021	BD	CO#2		\$ 24,500.00	labor compliance support
						5/3/2022	GM	CO# 3		\$ 9,024.00	labor compliance support
										\$ 42,124.00	
					Union Materials Testing	4/18/2022	GM			\$ 4,480.00	testing and inspection services
						9/14/2022	GM	CO#1		\$ 4,500.00	testing and inspection services
										\$ 8,980.00	
600-20-02		Conejo Wellfield Treatment	\$ 11,275,000.00	\$ 1,302,064.32							
	2020-86				Provost & Pritchard	6/11/2020	BD		\$ 437,000.00	\$ 375,000.00	GAC Engineering Design
						9/4/2020	GM	CO#1	\$ 5,000.00	\$ 5,000.00	alternative design evaluation

[illegible]

CAMROSA WATER DISTRICT
Statement of Investments
FY 21 -22
For Quarter Ending: 09/30/2022 (10/15/22)

LAIF	N/A	State Treasurer	Date Of Deposit	Call Date	Beginning of Year Investment	Opening Balance	Closing Balance		Value at Maturity
			Daily	Daily					
					27,640,311	44,158,017	\$ 43,908,107	100.00%	\$43,908,107
Total Laif					27,640,311	44,158,017	43,908,107	100.00%	43,908,107
OTHER INVESTMENT TOTALS:					-	-	-	0.00%	-
TOTAL OF ALL INVESTMENTS:					27,640,311	44,158,017	43,908,107	100.00%	

ACTIVITY FOR THE QUARTER:

LAIF

Transfers of fund to General Operations. 1,000,000
Transfer from Cash Receipts to LAIF 600,000
Quarterly Interest as of 09/30/2022 for Qtr ending 10/15/2022 150,090

LAIF Performance Report		PMIA Average Monthly	
Apportionment Rate	1.35%	Effective Yield	
Earnings Ratio	0.0000369956555327	July 2022	1.09
Daily	1.63%	August 2022	1.276
Quarter to Date	1.29%	September :	1.513

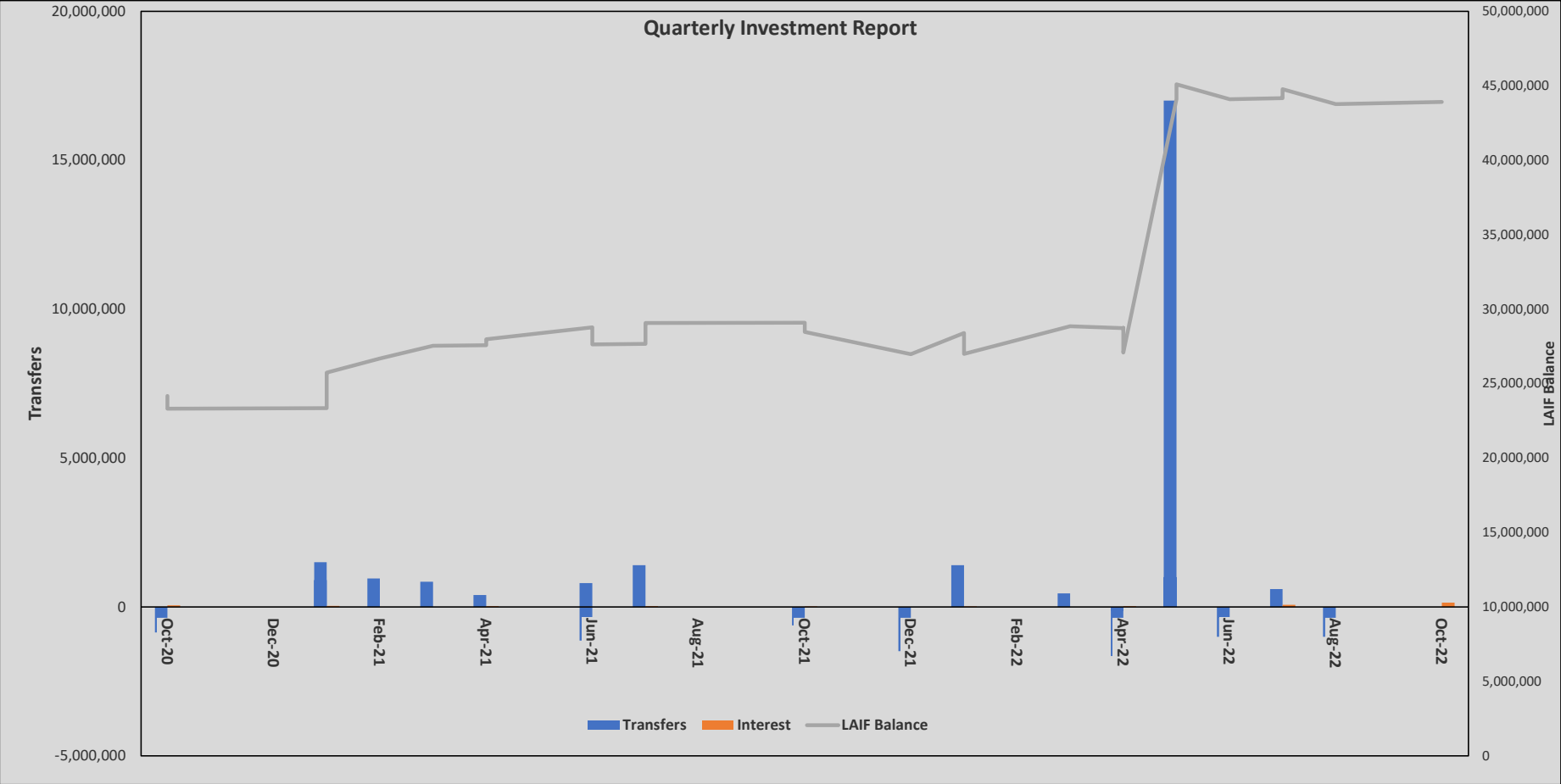
TREASURY BILL RATES (09/30/2022)											
1 Mo	3 Mo	6 Mo	1 Yr	2 Yr	3 Yr	5 Yr	7 Yr	10 Yr	20 Yr	30 Yr	
2.79	3.2	3.92	4.05	4.22	4.25	4.06	3.97	3.83	4.08	3.79	

BOND RESERVES

	TYPE OF INVESTMENT	INSTITUTION	DATE OF DEPOSIT	DATE OF MATURITY		PRINCIPAL INVESTMENT	ACCRUED INCOME	YIELD TO WORST
W & WW Rev Bonds Series 2016	LIQUIDITY FUNDS	BLACKROCK	10/19/2016	N/A		\$ 879,529	\$ 1,560.42	2.62%
						\$ 879,529	\$ 1,560.42	

BOND ACQUISITION FUNDS

	TYPE OF INVESTMENT	INSTITUTION	DATE OF DEPOSIT	DATE OF MATURITY		PRINCIPAL INVESTMENT	ACCRUED INCOME	YIELD TO WORST
W&WW Rev Bonds Series 2016	WATER ACQUISITION FUND	BLOCKROCK	10/19/2016	N/A		\$ 262,568	\$ 465.85	2.62%
						\$ 262,568	\$ 466	



FUNDS FY 22-23

UNRESTRICTED FUNDS	JULY	AUGUST	SEPTEMBER		OCTOBER	NOVEMBER	DECEMBER	JANUARY
LAIF	44,758,016.93	43,758,016.93	43,758,016.93	5				
UNION BANK DEPOSIT ACCOUNT	270,711.97	1,024,800.16	595,956.69					
UNION BANK DISBURSEMENTS ACCOUNT	1,193,625.04	587,060.36	568,349.70					
BANK OF AMERICA-RTL ACCOUNT	361,004.22	449,079.26	201,821.81					
TOTAL	\$ 46,583,358.16	\$ 45,818,956.71	\$ 45,124,145.13		\$ -	\$ -	\$ -	\$ -
RESTRICTED FUNDS								
PAYMENT FUND 2016	2,114.77	4,323.38	6,270.43	1,2,3				
RESERVES 2016	879,528.69	879,528.69	879,528.69	2				
WATER ACQUISITION FUND 2016	319,785.23	319,785.23	262,568.14	3,4				
WASTEWATER ACQUISITION FUND 2016	6,050.87	6,050.87	6,050.87					
INSURED CASH SHELTER ACCOUNT (Wastewater Fund)								
TOTAL	\$ 1,207,479.56	\$ 1,209,688.17	\$ 1,154,418.13		\$ -	\$ -	\$ -	\$ -
GRAND TOTAL	\$ 47,790,837.72	\$ 47,028,644.88	\$ 46,278,563.26		\$ -	\$ -	\$ -	\$ -

Series 2016-Reserve Fund

Cusip Number	Financial Institution	Settlement Date	Yield to Worst	Maturity	Amount	Accrued Income
09248u445	Blackrock Liquidity Funds	10/19/2016	2.62%	N/A	879,528.69	1,560.42

Series 2016-Water Acquisition Fund

Cusip Number	Financial Institution	Settlement Date	Yield to Worst	Maturity	Amount	Accrued Income
09248u445	Blackrock Liquidity Funds	10/19/2016	2.62%	N/A	262,568.14	465.85

ANTICIPATED OUTFLOWS

Water Purchases September 2022	722,559.90
Payroll PR 10-1, 10-2 & ME	300,000.00
AP Check Run 10/05, 10/19	1,000,000.00
Large CIP Project Payments	-
Bond Payments	-
\$	2,022,559.90

DATE

**FINANCE MEETING
10/11/2022**

Tony Stafford -General Manager

Tamara Sexton-Finance Manager

Sandra Llamas-Senior Accountant

MEETING NOTES:

1. The payment fund received \$6.92 in interest in the month of September
2. The reserve fund received interest earnings in the amount \$1,422.81 in the month of September. The full amount was transferred to the payment fund
3. The water acquisition fund received interest earnings in the amount of \$517.32 in the month of September. The full amount was transferred to the payment fund
4. Camrosa requested a capital expenditures reimbursement from the water acquisition fund in the amount of \$57,217.09
5. LAIF's average monthly rate of return for the period was 1.513

2022 Camrosa Board Calendar

JANUARY							FEBRUARY							MARCH							2022 Holidays						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	January 3 rd - New Year's Holiday (Observed)						
						1			1	2	3	4	5			1	2	3	4	5	February 21 st - President's Day						
2	3	4	5	6	7	8	6	7	8	9	10	11	12	6	7	8	9	10	11	12	May 30 th - Memorial Day						
9	10	11	12	13	14	15	13	14	15	16	17	18	19	13	14	15	16	17	18	19	July 4 th - Independence Day						
16	17	18	19	20	21	22	20	21	22	23	24	25	26	20	21	22	23	24	25	26	September 5 th - Labor Day						
23	24	25	26	27	28	29	27	28						27	28	29	30	31			November 11 th - Veteran's Day						
30	31																				November 24 th & 25 th - Thanksgiving						
																					December 23 rd & 26 th - Christmas						
																					December 30 th - New Year's Eve						
APRIL							MAY							JUNE							2022 Conferences						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	CASA Winter Conf. (Palm Springs) - Jan. 19 th - 21 st						
					1	2	1	2	3	4	5	6	7				1	2	3	4	ACWA Spring Conf. (Sacramento) - May 3 rd - 6 th						
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11	CASA 67th Annual Conf. (Squaw Creek) - Aug. 10 th - 12 th						
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18	ACWA Fall Conf. (Indian Wells) - Nov. 29 th - Dec. 2 nd						
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25							
24	25	26	27	28	29	30	29	30	31					26	27	28	29	30									
JULY							AUGUST							SEPTEMBER							2022 AWA Meetings						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	"Water Issues" Third Tuesday (except Apr., Aug., Dec.)						
					1	2		1	2	3	4	5	6					1	2	3	Waterwise Breakfast (See yellow on calendar)						
3	4	5	6	7	8	9	7	8	9	10	11	12	13	4	5	6	7	8	9	10	AWA Board Meetings (See orange on calendar)						
10	11	12	13	14	15	16	14	15	16	17	18	19	20	11	12	13	14	15	16	17	August - DARK (No Meetings or Events)						
17	18	19	20	21	22	23	21	22	23	24	25	26	27	18	19	20	21	22	23	24	September 29 th - Reagan Library Reception						
24	25	26	27	28	29	30	28	29	30	31				25	26	27	28	29	30		**DATE ?? - Annual Symposium**						
31																					December 8 th - Holiday Mixer						
OCTOBER							NOVEMBER							DECEMBER							2022 VCSDA Meetings						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	February 1 st - Annual Dinner						
						1			1	2	3	4	5					1	2	3	April 5 th						
2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10	June 7 th						
9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17	August 2 nd						
16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24	October 4 th						
23	24	25	26	27	28	29	27	28	29	30				25	26	27	28	29	30	31	December 6 th						
30	31																										
Camrosa Water District 7385 Santa Rosa Road Camarillo, CA 93012							Note: Board of Directors meetings are highlighted in RED. Board Meetings are held on the <u>2nd & 4th Thursday</u> of each month at 5pm unless indicated.																				