

BEAUMONT-CHERRY VALLEY WATER DISTRICT AGENDA

REGULAR MEETING OF THE BOARD OF DIRECTORS 560 Magnolia Avenue, Beaumont, CA 92223 Wednesday, May 8, 2019 - 6:00 p.m.

Call to Order: President Covington

Pledge of Allegiance: President Covington

Invocation: Vice President Slawson

Roll Call

Public Comment

PUBLIC COMMENT:

At this time, any person may address the Board of Directors on matters within its jurisdiction which are not on the agenda. However, state law prohibits the Board from discussing or taking action on any item not listed on the agenda. Any non-agenda matters that require action will be referred to Staff for a report and possible action at a subsequent meeting. To provide comments on specific agenda items, please complete a speaker's request form and provide the completed form to the Board Secretary prior to the Board meeting. **Please limit your comments to three minutes.** Sharing or passing time to another speaker is not permitted.

ACTION ITEMS

Information on the following items is included in the full Agenda Packet.

- 1. Adjustments to the Agenda
- 2. Consent Calendar: All matters listed under the Consent Calendar are considered by the Board of Directors to be routine and will be enacted in one motion. There will be no discussion of these items prior to the time the Board considers the motion unless members of the Board, the administrative staff, or the public request specific items to be discussed and/or removed from the Consent Calendar.
 - a. March 2019 Budget Variance Report (pages 4 8)
 - b. March 31, 2019 Cash/Investment Balance Report (page 9)
 - c. April 2019 Check Register (pages 10 25)
 - d. April 2019 Invoices Pending Approval (pages 26 27)
 - e. Minutes of the Regular Meeting of April 10, 2019 (pages 28 34)
 - f. Minutes of the Special Meeting of April 25, 2019 (pages 35 37)
 - g. Minutes of the Regular Meeting of April 25, 2019 (pages 38 41)
- 3. Consideration of a Professional Services Agreement with Raftelis Financial Consultants, Inc. for the Beaumont-Cherry Valley Water District 2019 Water Rate and Fee Study update and Request for Budget Amendment in the amount of \$113,651 (pages 42 119)

- 4. Consideration of Request for Extension of Will-Serve Letter for Previously-Approved Development: Tract 32850, a proposed 30-acre single-family residential development located at Assessor's Parcel No. 421-110-014 in the City of Beaumont (pages 120 141)
- Consideration of Nomination for California Special Districts Association Board of Directors, Southern Network Seat B (pages 142 - 146)
- 6. Discussion regarding the San Gorgonio Pass Water Agency (SGPWA) ongoing Phase 2 Sites Reservoir Participation (pages 147 151)
- 7. Discussion regarding SGPWA 2019 Water Rate Increase, Water Delivery Schedule to BCVWD, and Discussion of BCVWD Delivery Options (Handout)

8. Reports For Discussion

- a. Ad Hoc Committees
- b. General Manager
- c. Directors' Reports
- d. Legal Counsel Report

9. Announcements

- Personnel Committee Meeting: May 20, 2019 at 5:30 p.m.
- Engineering Workshop: May 23, 2019 at 6:00 p.m.
- Beaumont Basin Watermaster Committee Meeting: June 5, 2019 at 10:00 a.m.
- Finance and Audit Committee meeting: June 6, 2019 at 3:00 p.m.
- Regular Board Meeting: June 12, 2019 at 6:00 p.m.

10. Action List for Future Meetings

Water supply for BCVWD and the region

11. Adjournment

NOTICES

AVAILABILITY OF AGENDA MATERIALS - Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Beaumont-Cherry Valley Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection in the District's office, at 560 Magnolia Avenue, Beaumont, California ("District Office"). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available from the District Office at the same time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during the meeting, they can be made available from the District Office in the Board Room of the District's Office. Materials may also be available on the District's website: www.bcvwd.org.

REVISIONS TO THE AGENDA - In accordance with §54954.2(a) of the Government Code (Brown Act), revisions to this Agenda may be made up to 72 hours before the Board Meeting, if necessary, after mailings are completed. Interested persons wishing to receive a copy of the set Agenda may pick one up at the District's Main Office, located at 560 Magnolia Avenue, Beaumont, California, up to 72 hours prior to the Board Meeting.

REQUIREMENTS RE: DISABLED ACCESS - In accordance with §54954.2(a), requests for a disability related modification or accommodation, including auxiliary aids or services, in order to

attend or participate in a meeting, should be made to the District Office, at least 48 hours in advance of the meeting to ensure availability of the requested service or accommodation. The District Office may be contacted by telephone at (951) 845-9581, email at info@bcvwd.org or in writing at the Beaumont-Cherry Valley Water District, 560 Magnolia Avenue, Beaumont, California 92223.

CERTIFICATION OF POSTING

I certify that on or before May 5, 2019, a copy of the foregoing notice was posted near the regular meeting place of the Board of Directors of Beaumont-Cherry Valley Water District and to its website at least 72 hours in advance of the meeting (Government Code §54954.2(a)).

Yolanga Rodriguez Director of Finance and Administration

General Ledger

Budget Variance Revenue

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Period 03 - 03 Fiscal Year 2019

Beaumont-Cherry Valley Water District

560 Magnolia Avenue Beaumont CA 92223 (951) 845-9581 www.bcvwd.org



Account Number	Description	Budget		Period Amt		End Bal		Variance		% Avail/ Uncollect
50	GENERAL									
01-50-510-490001	Interest Income - Bonita Vista	\$	1,900.00	\$	-	\$	387.06		1,512.94	79.63%
01-50-510-490011	Interest Income-Fairway Canyon	\$	52,000.00	\$	-	\$	-	\$	52,000.00	100.00%
01-50-510-490021	Interest Income - General	\$	600,000.00	\$	70,541.73	\$	212,784.90	\$	387,215.10	64.54%
	Interest Income	\$	653,900.00	\$	70,541.73	\$	213,171.96	\$	440,728.04	67.40%
01-50-510-481001	Fac Fees-Wells	\$	383,000.00	\$	191,470.40	\$	331,268.96	\$	51,731.04	13.51%
01-50-510-481006	Fac Fees-Water Rights (SWP)	\$	242,000.00	\$	121,152.50	\$	245,543.25	\$	(3,543.25)	-1.46%
01-50-510-481012	Fac Fees-Water Treatment Plant	\$	182,000.00	\$	91,086.90	\$	157,592.31	\$	24,407.69	13.41%
01-50-510-481018	Fac Fees-Local Water Resources	\$	96,000.00	\$	47,966.50	\$	97,215.09	\$	(1,215.09)	-1.27%
01-50-510-481024	Fac Fees-Recycld Wtr Facilties	\$	277,000.00	\$	162,015.12	\$	292,317.00	\$	(15,317.00)	-5.53%
01-50-510-481030	Fac Fees-Transmission (16")	\$	310,000.00	\$	155,075.20	\$	268,300.48	\$	41,699.52	13.45%
01-50-510-481036	Fac Fees-Storage	\$	397,000.00	\$	198,591.20	\$	343,588.88	\$	53,411.12	13.45%
01-50-510-481042	Fac Fees-Booster	\$	27,000.00	\$	13,747.10	\$	23,784.29	\$	3,215.71	11.91%
01-50-510-481048	Fac Fees-Pressure Reducng Stns	\$	14,000.00	\$	7,021.90	\$	12,148.81	\$	1,851.19	13.22%
01-50-510-481054	Fac Fees-Misc Projects	\$	12,000.00	\$	6,131.80	\$	15,318.91	\$	(3,318.91)	-27.66%
01-50-510-481060	Fac Fees-Financing Costs	\$	60,000.00	\$	30,868.22	\$	53,768.02	\$	6,231.98	10.39%
01-50-510-485001	Front Footage Fees	\$	-	\$	-	\$	2,622.00	\$	(2,622.00)	0.00%
	Non-Operating Revenue	\$	2,000,000.00	\$	1,025,126.84	\$	1,843,468.00	\$	156,532.00	7.83%
01-50-510-410100	Sales	\$	5,151,000.00	\$	180,162.49	\$	721,368.38	\$	4,429,631.62	86.00%
01-50-510-410151	Agricultural Irrigation Sales	\$	20,000.00	\$	220.18	\$	1,252.40	\$	18,747.60	93.74%
01-50-510-410171	Construction Sales	\$	135,000.00	\$	33,964.10	\$	39,385.20	\$	95,614.80	70.83%
01-50-510-413001	Backflow Admin Charges	\$	44,000.00	\$	2,622.03	\$	10,299.08	\$	33,700.92	76.59%
01-50-510-413011	Fixed Meter Charges	\$	3,131,000.00	\$	259,528.28	\$	811,979.21	\$	2,319,020.79	74.07%
01-50-510-413021	Meter Fees	\$	425,000.00	\$	59,000.00	\$	156,016.00	\$	268,984.00	63.29%
01-50-510-415001	SGPWA Importation Charges	\$	2,853,000.00	\$	98,084.88	\$	352,268.48	\$	2,500,731.52	87.65%
01-50-510-415011	SCE Power Charges	\$	1,717,000.00	\$	70,365.24	\$	252,713.34	\$	1,464,286.66	85.28%
01-50-510-417001	2nd Notice Penalties	\$	92,000.00	\$	8,350.00	\$	25,805.00	\$	66,195.00	71.95%
01-50-510-417011	3rd Notice Charges	\$	32,000.00	\$	3,600.00	\$	10,325.00		21,675.00	67.73%
01-50-510-417021	Account Reinstatement Fees	\$	44,000.00	\$	3,950.00	\$	9,300.00		34,700.00	78.86%
01-50-510-417031	Lien Processing Fees	\$	5,000.00	\$	1,200.00	\$	1,400.00	\$	3,600.00	72.00%
01-50-510-417041	Credit Check Processing Fees	\$	11,000.00	\$	715.00	\$	2,120.00	\$	8,880.00	80.73%
01-50-510-417051	Returned Check Fees	\$	3,000.00	\$	475.00	\$	975.00	\$	2,025.00	67.50%
01-50-510-417061	Custmr Damages/Upgrade Charges	\$	22,000.00	\$	2,380.00	\$	10,349.00	\$	11,651.00	52.96%
01-50-510-417071	After Hours Call Out Charges	\$	1,500.00	\$	100.00	\$	100.00	\$	1,400.00	93.33%
01-50-510-417091	Credit Card Processing Fees	\$	41,000.00	\$	3,979.50	\$	11,989.25	\$	29,010.75	70.76%
01-50-510-419001	Insurance Rebate	\$ \$	50,000.00	\$	- 44 002 00	\$ \$	- 44 420 42	\$	50,000.00	100.00%
01-50-510-419011	Development Income		60,000.00	\$	11,863.88		41,138.12	\$	18,861.88	31.44%
01-50-510-419021	Recharge Income	\$ \$	15,000.00	\$ \$	-	\$ \$	-	\$ \$	15,000.00	100.00%
01-50-510-419061	Miscellaneous Income	Ф \$	1,000.00	\$ \$	740,560.58	э \$	2,458,783.46		1,000.00	100.00% 82.25%
	Operating Revenue	Ф	13,853,500.00	Þ	740,560.56	Þ	2,456,763.46	Þ	11,394,716.54	82.25%
01-50-510-471001	Rent - 12303 Oak Glen	\$	2,400.00	\$	200.00	\$	600.00	\$	1,800.00	75.00%
01-50-510-471011	Rent - 13695 Oak Glen	\$	2,400.00	\$	200.00	\$	600.00	\$	1,800.00	75.00%
01-50-510-471021	Rent - 13697 Oak Glen	\$	2,400.00	\$	200.00	\$	600.00	\$	1,800.00	75.00%
01-50-510-471031	Rent - 9781 Avenida Miravilla	\$	2,400.00	\$	200.00	\$	600.00	\$	1,800.00	75.00%
01-50-510-471101	Util - 12303 Oak Glen	\$	2,614.00	\$	246.33	\$	776.19	\$	1,837.81	70.31%
01-50-510-471111	Util - 13695 Oak Glen	\$	2,500.00	\$	676.23	\$	1,527.59	\$	972.41	38.90%
01-50-510-471121	Util - 13697 Oak Glen	\$	3,400.00	\$	743.88	\$	1,656.43	\$	1,743.57	51.28%
01-50-510-471131	Util - 9781 Avenida Miravilla	\$	2,700.00	\$	476.10	\$	1,036.78	\$	1,663.22	61.60%
	Rent/Utilities	\$	20,814.00	\$	2,942.54	\$	7,396.99	\$	13,417.01	64.46%
Revenue Total		\$	16,528,214.00	\$	1,839,171.69	\$	4,522,820.41	\$	12,005,393.59	72.64%

General Ledger

Budget Variance Expense

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Period 03 - 03 Fiscal Year 2019

Beaumont-Cherry Valley Water District

560 Magnolia Avenue Beaumont CA 92223 (951) 845-9581 www.bcvwd.org



Account Number	Description		Budget		Period Amt		End Bal		Variance	Er	ncumbered	% Avail/ Uncollect
10	BOARD OF DIRECTORS											
01-10-110-500101	Board of Directors Fees	\$	61,400.00			\$	8,400.00		53,000.00	\$	-	86.32%
01-10-110-500115	Social Security	\$	3,807.00	\$	223.20	\$	520.80	\$	3,286.20	\$	-	86.32%
01-10-110-500120	Medicare	\$	891.00	\$	52.20	\$	121.80	\$	769.20	\$	-	86.33%
01-10-110-500145	Workers' Compensation	\$	890.00	\$	18.76	\$	43.72		846.28	\$	-	95.09%
01-10-110-500175	Training/Education/Mtgs/Travel	\$		\$	554.85		554.85			\$	-	94.45%
	Board of Directors Personnel	\$	76,988.00	\$	4,449.01	\$	9,641.17	\$	67,346.83	\$	-	87.48%
01-10-110-550042	Supplies-Other	\$	1,000.00	\$	148.91	\$	148.91	\$	851.09	\$		85.11%
01-10-110-000042	Board of Directors Materials & Supplies	\$	1,000.00		148.91	\$	148.91			\$		85.11%
	Zoula of Zirostoro materialo a cappilos	•	1,000.00	*		*		•	35.1.55	*		331170
01-10-110-550012	Election Expenses	\$	90,000.00	\$	-	\$	1.00	\$	89,999.00	\$	-	100.00%
	Board of Directors Services	\$	90,000.00	\$	-	\$	1.00	\$	89,999.00	\$	-	100.00%
Expense Total	BOARD OF DIRECTORS	\$	167,988.00	\$	4,597.92	\$	9,791.08	\$	158,196.92	\$	-	94.17%
20	ENGINEERING	_		_		_		_		_		
01-20-210-500105	Labor	\$	506,966.40		23,014.08		60,271.40		446,695.00	\$	-	88.11%
01-20-210-500115 01-20-210-500120	Social Security Medicare	\$ \$	35,826.00 8,383.00	\$	2,670.47 333.84	\$	3,838.79 897.79	\$	31,987.21 7,485.21	\$ \$	-	89.28% 89.29%
01-20-210-500125	Health Insurance	\$		\$	2,294.93	\$		\$	64,287.21	\$	-	90.33%
01-20-210-500140	Life Insurance	\$	2,208.00	\$	71.71	\$	217.27	\$	1,990.73	\$	_	90.16%
01-20-210-500143	EAP Program	\$	195.00	\$	4.70	\$	14.10		180.90	\$	_	92.77%
01-20-210-500145	Workers' Compensation	\$		\$	145.32	\$	389.87			\$	-	94.86%
01-20-210-500150	Unemployment Insurance	\$	17,260.00	\$	-	\$	-	\$	17,260.00	\$	-	100.00%
01-20-210-500155	Retirement/CalPERS	\$	74,534.00	\$	2,629.93	\$	7,243.84	\$	67,290.16	\$	-	90.28%
01-20-210-500165	Uniforms & Employee Benefits	\$	350.00	\$	-	\$	-	\$	350.00	\$	-	100.00%
01-20-210-500175	Training/Education/Mtgs/Travel	\$	6,000.00	\$	-	\$	-	\$	6,000.00	\$	-	100.00%
01-20-210-500180	Accrued Sick Leave Expense	\$	24,497.00	\$	-	\$	1,621.50	\$	22,875.50	\$	-	93.38%
01-20-210-500185	Accrued Vacation Leave Expense	\$	17,131.00	\$	-	\$	-	\$	17,131.00	\$	-	100.00%
01-20-210-500187	Accrual Leave Payments	\$		\$	(0.000.00)	\$	(40.054.00)	\$	21,430.00	\$	-	100.00%
01-20-210-500195	CIP Related Labor	\$	(225,187.00)		(6,333.83)	\$	(13,654.80)		(211,532.20)		-	93.94%
	Engineering Personnel	\$	568,345.40	\$	24,831.15	\$	67,724.55	\$	500,620.85	\$	-	88.08%
01-20-210-540048	Permits, Fees & Licensing	\$	2,000.00	\$	_	\$	300.00	\$	1,700.00	\$	_	85.00%
	Engineering Materials & Supplies	\$	2,000.00		-	\$	300.00	\$		\$		85.00%
01-20-210-550051	Advertising/Legal Notices	\$	1,376.60	\$	781.60	\$	1,081.60	\$	295.00	\$	-	21.43%
01-20-210-580031	Outside Engineering	\$	60,000.00	\$	-	\$	-	\$	60,000.00	\$	-	100.00%
01-20-210-580032	CIP Related Outside Engineering	\$	(40,000.00)	\$	-	\$	-	\$	(40,000.00)		-	100.00%
	Engineering Services	\$	21,376.60	\$	781.60	\$	1,081.60	\$	20,295.00	\$	-	94.94%
Expense Total	ENGINEERING	\$	591,722.00	\$	25,612.75	\$	69,106.15	\$	522,615.85	\$		88.32%
		•	,	•		•		•	,	•		
30	FINANCE & ADMIN SERVICES											
01-30-310-500105	Labor	\$	1,063,933.00	\$	71,383.22	\$	197,347.71	\$	866,585.29	\$	-	81.45%
01-30-310-500110	Overtime	\$	5,604.00	\$	-	\$	-	\$	5,604.00	\$	-	100.00%
01-30-310-500115	Social Security	\$	87,863.00	\$	6,251.35	\$	14,800.20	\$	73,062.80	\$	-	83.16%
01-30-310-500120	Medicare	\$		\$	1,461.99	\$	3,461.29	\$	17,096.71	\$	-	83.16%
01-30-310-500125	Health Insurance	\$	260,964.00	\$	15,786.69	\$	44,606.75	\$	216,357.25	\$	-	82.91%
01-30-310-500130	CalPERS Health Admin Costs Life Insurance	\$ \$	2,000.00 6.564.00	\$	122.32		366.42	\$	1,633.58	\$	-	81.68%
01-30-310-500140 01-30-310-500143	EAP Program		-,	\$	324.16 25.85	\$	972.48 77.55	\$	5,591.52 699.45	\$ \$	-	85.18% 90.02%
01-30-310-500145	Workers' Compensation	\$	15,866.00		411.67		1,127.50			\$	-	92.89%
01-30-310-500150	Unemployment Insurance	\$	37,032.00		-	\$		\$	37,032.00	\$	_	100.00%
01-30-310-500155	Retirement/CalPERS	\$	178,906.00		16,358.61	\$	39,268.13	\$	139,637.87		_	78.05%
01-30-310-500161	Estim Current Yr OPEB Expense	\$	100,000.00		-	\$	-	\$	100,000.00		-	100.00%
01-30-310-500165	Uniforms & Employee Benefits	\$	750.00	\$	-	\$	-	\$	750.00	\$	-	100.00%
01-30-310-500175		\$	17,000.00	\$	199.00	\$	7,487.64	\$	9,512.36	\$	-	55.96%
	Training/Education/Mtgs/Travel	Ф			2,800.15	¢.	3,603.30	¢.	E0 4E4 70	Φ.		94.19%
01-30-310-500180	Accrued Sick Leave Expense	\$	62,055.00							\$	-	
01-30-310-500185	Accrued Sick Leave Expense Accrued Vacation Leave Expense	\$	62,055.00 91,967.00	\$	1,261.72	\$	6,281.39	\$	85,685.61	\$	-	93.17%
01-30-310-500185 01-30-310-500187	Accrued Sick Leave Expense Accrued Vacation Leave Expense Accrual Leave Payments	\$ \$ \$	62,055.00 91,967.00 159,803.00	\$ \$		\$ \$	6,281.39 30,771.55	\$ \$	85,685.61 129,031.45	\$ \$	-	93.17% 80.74%
01-30-310-500185 01-30-310-500187 01-30-310-550024	Accrued Sick Leave Expense Accrued Vacation Leave Expense Accrual Leave Payments Employment Testing	\$ \$ \$	62,055.00 91,967.00 159,803.00 200.00	\$ \$ \$	1,261.72 25,139.95 -	\$ \$ \$	6,281.39 30,771.55 -	\$ \$ \$	85,685.61 129,031.45 200.00	\$ \$ \$	- - -	93.17% 80.74% 100.00%
01-30-310-500185 01-30-310-500187 01-30-310-550024 01-30-315-500105	Accrued Sick Leave Expense Accrued Vacation Leave Expense Accrual Leave Payments Employment Testing Labor	\$ \$ \$ \$	62,055.00 91,967.00 159,803.00 200.00 151,008.00	\$ \$ \$	1,261.72 25,139.95 - 9,555.20	\$ \$ \$	6,281.39 30,771.55 - 25,679.60	\$ \$ \$	85,685.61 129,031.45 200.00 125,328.40	\$ \$ \$	- - -	93.17% 80.74% 100.00% 82.99%
01-30-310-500185 01-30-310-500187 01-30-310-550024 01-30-315-500105 01-30-315-500115	Accrued Sick Leave Expense Accrued Vacation Leave Expense Accrual Leave Payments Employment Testing Labor Social Security	* * * * * * * *	62,055.00 91,967.00 159,803.00 200.00 151,008.00 13,627.00	\$ \$ \$ \$	1,261.72 25,139.95 - 9,555.20 592.80	\$ \$ \$ \$	6,281.39 30,771.55 - 25,679.60 1,593.15	\$ \$ \$ \$ \$	85,685.61 129,031.45 200.00 125,328.40 12,033.85	\$ \$ \$ \$	- - -	93.17% 80.74% 100.00% 82.99% 88.31%
01-30-310-500185 01-30-310-500187 01-30-310-550024 01-30-315-500105	Accrued Sick Leave Expense Accrued Vacation Leave Expense Accrual Leave Payments Employment Testing Labor Social Security Medicare	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	62,055.00 91,967.00 159,803.00 200.00 151,008.00 13,627.00 3,187.00	\$ \$ \$ \$ \$	1,261.72 25,139.95 - 9,555.20 592.80 138.64	\$ \$ \$ \$ \$	6,281.39 30,771.55 - 25,679.60 1,593.15 372.60	\$ \$ \$ \$ \$ \$	85,685.61 129,031.45 200.00 125,328.40 12,033.85 2,814.40	\$ \$ \$ \$ \$ \$	- - - -	93.17% 80.74% 100.00% 82.99% 88.31% 88.31%
01-30-310-500185 01-30-310-500187 01-30-310-550024 01-30-315-500105 01-30-315-500115 01-30-315-500120	Accrued Sick Leave Expense Accrued Vacation Leave Expense Accrual Leave Payments Employment Testing Labor Social Security	* * * * * * * *	62,055.00 91,967.00 159,803.00 200.00 151,008.00 13,627.00	\$ \$ \$ \$ \$ \$	1,261.72 25,139.95 - 9,555.20 592.80	\$ \$ \$ \$ \$ \$ \$	6,281.39 30,771.55 - 25,679.60 1,593.15	\$ \$ \$ \$ \$ \$	85,685.61 129,031.45 200.00 125,328.40 12,033.85 2,814.40	* * * * * * *	- - - -	93.17% 80.74% 100.00% 82.99% 88.31%
01-30-310-500185 01-30-310-500187 01-30-310-550024 01-30-315-500105 01-30-315-500115 01-30-315-500120 01-30-315-500125	Accrued Sick Leave Expense Accrued Vacation Leave Expense Accrual Leave Payments Employment Testing Labor Social Security Medicare Health Insurance	\$ \$ \$ \$ \$ \$	62,055.00 91,967.00 159,803.00 200.00 151,008.00 13,627.00 3,187.00 23,724.00	\$ \$ \$ \$ \$ \$ \$ \$	1,261.72 25,139.95 - 9,555.20 592.80 138.64 1,976.10	\$ \$ \$ \$ \$ \$ \$	6,281.39 30,771.55 - 25,679.60 1,593.15 372.60 5,928.30	\$ \$ \$ \$ \$ \$ \$ \$ \$	85,685.61 129,031.45 200.00 125,328.40 12,033.85 2,814.40 17,795.70	\$ \$ \$ \$ \$ \$ \$	- - - - -	93.17% 80.74% 100.00% 82.99% 88.31% 88.31% 75.01%

Account Number	Description		Budget		Period Amt		End Bal		Variance	E	ncumbered	% Avail/ Uncollect
01-30-315-500145	Workers' Compensation	\$	2,181.00	\$	49.68	\$	133.52	\$	2,047.48	\$	-	93.88%
01-30-315-500150	Unemployment Insurance	\$	5,135.00	\$	-	\$	-	\$	5,135.00	\$	-	100.00%
01-30-315-500155	Retirement/CalPERS	\$	13,989.00	\$	922.41	\$	2,541.58	\$	11,447.42	\$	-	81.83%
01-30-315-500175	Training/Education/Mtgs/Travel	\$	4,000.00	\$	-	\$	-	\$	4,000.00	\$	-	100.00%
01-30-315-500180	Accrued Sick Leave Expense	\$		\$	-	\$	-	\$	8,785.00	\$	-	100.00%
01-30-315-500185	Accrued Vacation Leave Expense	\$		\$	-	\$	-	\$	15,972.00	\$	-	100.00%
01-30-315-500187	Accrual Leave Payments	\$		\$	-	\$	-	\$	43,303.00		-	100.00%
01-30-315-500195	CIP Related Labor	\$	(31,855.00)		-	\$	-	\$	(31,855.00)		-	100.00%
01-30-320-500105	Labor	\$		\$	-	\$	-	\$	64,626.00	\$	-	100.00%
01-30-320-500115	Social Security	\$		\$	-	\$	-	\$	4,914.00		-	100.00%
01-30-320-500120	Medicare Health Insurance	\$ \$		\$	-	\$	-	\$		\$	-	100.00%
01-30-320-500125		\$		\$	-	\$	-	\$	23,724.00	\$ \$	-	100.00%
01-30-320-500140 01-30-320-500143	Life Insurance EAP Program	\$ \$		\$	-	\$	-	\$		\$	-	100.00% 100.00%
01-30-320-500145	Workers' Compensation	\$		\$	-	\$	-	\$	4,561.00		-	100.00%
01-30-320-500143	Unemployment Insurance	\$		\$	_	\$	-	\$	2,198.00		-	100.00%
01-30-320-500155	Retirement/CalPERS	\$		\$	_	\$	_	\$		\$	_	100.00%
01-30-320-500177	Gen Safety Training & Supplies	\$		\$	_	\$	1,000.00	\$	9,200.00		_	90.20%
01-30-320-500180	Accrued Sick Leave Expense	\$	7,014.00		_	\$	-	\$	7,014.00		_	100.00%
01-30-320-500185	Accrued Vacation Leave Expense	\$		\$	_	\$	-	\$	7,230.00	\$	_	100.00%
	Finance & Admin Services Personnel	\$	2,502,667.00		154,807.88	\$	387,559.77	\$	2,115,107.23		-	84.51%
					•		•					
01-30-310-550006	Cashiering Shortages/Overages	\$	50.00	\$	(0.07)	\$	(0.03)	\$	50.03	\$	-	100.06%
01-30-310-550018	Employee Medical/First Aid	\$	750.00	\$	-	\$	250.00	\$	500.00	\$	-	66.67%
01-30-310-550042	Office Supplies	\$	10,500.00	\$	790.36	\$	2,098.59	\$	8,401.41	\$	-	80.01%
01-30-310-550046	Office Equipment	\$	17,000.00	\$	253.19	\$	2,681.15	\$	14,318.85	\$	(7.13)	84.27%
01-30-310-550048	Postage	\$	5,000.00	\$	27.80	\$	843.51	\$	4,156.49	\$	-	83.13%
01-30-310-550066	Subscriptions	\$	2,000.00	\$	(432.30)	\$	-	\$	2,000.00	\$	-	100.00%
01-30-310-550072	Misc Operating Expenses	\$	1,000.00	\$	- '	\$	-	\$	1,000.00	\$	_	100.00%
01-30-310-550078	Bad Debt Expense	\$		\$	_	\$	_	\$	3,000.00	\$	_	100.00%
01-30-310-550084	Depreciation	\$		\$	224,815.42	\$	674,143.53	\$	1,879,856.47	\$	_	73.60%
01-30-315-501511	Phones - 560 Magnolia	\$		\$		\$	4,685.70	\$		\$	_	83.27%
01-30-315-501561	Phones - 815 E. 12th	\$	3,800.00		316.77		947.09		2,852.91		_	75.08%
01-30-315-550044	Printing/Toner & Maint	\$		\$		\$	2,560.70	\$	14,439.30	\$	_	84.94%
	Finance & Admin Services Materials & Supplies	\$	2,642,100.00		228,126.35		688,210.24	\$	1,953,889.76		(7.13)	73.95%
		•	_,,	•	,	•	,	•	.,,	•	(/	
01-30-310-500190	Temporary Labor	\$	25,000.00	\$	809.40	\$	809.40	\$	24,190.60	\$	-	96.76%
01-30-310-550001	Bank/Financial Service Fees	\$	20,000.00	\$	734.10	\$	2,243.25	\$	17,756.75	\$	-	88.78%
01-30-310-550008	Transaction/Return Fees	\$	3,000.00	\$	59.33	\$	134.56	\$	2,865.44	\$	-	95.51%
01-30-310-550010	Transaction/Credit Card Fees	\$		\$	3,868.81	\$	12,411.51	\$	31,588.49	\$	_	71.79%
01-30-310-550014	Credit Check Fees	\$	10,000.00	\$	829.50	\$	829.50	\$	9,170.50	\$	_	91.71%
01-30-310-550030	Membership Dues	\$		\$		\$		\$		\$	_	69.95%
01-30-310-550036	Notary & Lien Fees	\$		\$		\$		\$		\$	_	84.80%
01-30-310-550050	Utility Billing Service	\$		\$	5,705.45	\$	15,903.27		52,096.73		_	76.61%
01-30-310-550051	Advertising/Legal Notices	\$		\$		\$	888.40	\$	3,111.60	\$	_	77.79%
01-30-310-550054	Property, Auto& Gen Liab Insur	\$		\$	6,466.97		19,400.91	\$	60,599.09		_	75.75%
01-30-310-580001	Accounting & Audit	\$		\$		\$	8,700.00		26,300.00		_	75.14%
01-30-310-580011	General Legal	\$		\$	2,756.34	\$	2,756.34	\$	99,243.66	\$	_	97.30%
01-30-310-580036	Other Professional Services	\$	73,000.00			\$	13,250.00	\$		\$	_	81.85%
01-30-315-550030	Membership Dues	\$		\$	-	\$	-	\$	2,000.00		_	100.00%
01-30-315-580016	Computer Hardware	\$		\$	_	\$	372.64	\$	19,627.36		_	98.14%
01-30-315-580021	IT/Software Support	\$	5,000.00		188.91	\$	376.98		4,623.02		_	92.46%
01-30-315-580026	License/Maintenance/Support	\$	120.000.00		3.262.11	\$	30.249.38		89,750.62		_	74.79%
01 00 010 000020	Finance & Admin Services Services	\$	655,000.00		39,275.92		121,252.14		533,747.86			81.49%
			,		,		,		,			
Expense Total	FINANCE & ADMIN SERVICES	\$	5,799,767.00	\$	422,210.15	\$	1,197,022.15	\$	4,602,744.85	\$	(7.13)	79.36%
40	OPERATIONS											
410	Source of Supply Personnel			_		_		_		_		
01-40-410-500105	Labor	\$	339,562.00		16,861.79		45,412.04		294,149.96		-	86.63%
01-40-410-500110	Overtime	\$	18,568.00		79.92		96.91		18,471.09		-	99.48%
01-40-410-500111	Double Time	\$	1,631.00			\$		\$	1,631.00		-	100.00%
01-40-410-500113	Standby/On-Call	\$	9,275.00			\$	1,800.00		7,475.00		-	80.59%
01-40-410-500115	Social Security	\$	26,983.00			\$	3,350.66		23,632.34		-	87.58%
01-40-410-500120	Medicare	\$	6,316.00		293.87		783.91		5,532.09		-	87.59%
01-40-410-500125	Health Insurance	\$	118,620.00		6,883.63		20,650.89		97,969.11		-	82.59%
01-40-410-500140	Life Insurance	\$	2,316.00		87.35		262.05		2,053.95		-	88.69%
01-40-410-500143	EAP Program	\$	325.00		9.40		28.20		296.80		-	91.32%
01-40-410-500145	Workers' Compensation	\$	24,619.00		544.10		1,451.27		23,167.73		-	94.11%
01-40-410-500150	Unemployment Insurance	\$		\$	-	\$	-	\$	51,129.00		-	100.00%
01-40-410-500155	Retirement/CalPERS	\$	77,416.00	\$		\$	11,575.57		65,840.43	\$	-	85.05%
01-40-410-500165	Uniforms & Employee Benefits	\$	2,600.00	\$	53.88	\$	480.55	\$	2,119.45	\$	-	81.52%
01-40-410-500175	Training/Education/Mtgs/Travel	\$	4,000.00	\$	60.00	\$	60.00	\$	3,940.00	\$	-	98.50%
01-40-410-500180	Accrued Sick Leave Expense	\$	16,792.00	\$	559.89	\$	3,372.15	\$	13,419.85	\$	-	79.92%
01-40-410-500185	Accrued Vacation Leave Expense	\$	21,897.00	\$	1,829.42	\$	1,059.38	\$	20,837.62	\$	-	95.16%
01-40-410-500187	Accrual Leave Payments	\$	26,091.00	\$	-	\$	-	\$	26,091.00	\$	-	100.00%
01-40-410-500195	CIP Related Labor	\$	(25,000.00)	\$	-	\$	-	\$	(25,000.00)	\$	-	100.00%
01-40-410-550024	Employment Testing	\$	200.00	\$	75.00	\$	75.00	\$	125.00	\$	-	62.50%
440	Transmission & Distribution Personnel											

Account Number	Description		Budget		Period Amt		End Bal		Variance	Ei	ncumbered	% Avail/
01-40-440-500105	Labor	\$	901,594.00	¢	49,390.68	\$	125,640.22	•	775,953.78	\$		Uncollect 86.06%
01-40-440-500103	Overtime	\$		\$	2,843.38	\$		\$	33,563.91	\$	-	83.40%
01-40-440-500111	Double Time	\$	4,607.00	\$	370.38	\$		\$	3,712.87	\$	_	80.59%
01-40-440-500113	Standby/On-Call	\$	15,600.00	\$	1,075.00	\$		\$		\$	-	81.71%
01-40-440-500115	Social Security	\$	71,623.00	\$	5,737.25	\$	9,386.52	\$	62,236.48	\$	-	86.89%
01-40-440-500120	Medicare	\$	16,763.00	\$	851.07	\$		\$	14,566.00	\$	-	86.89%
01-40-440-500125	Health Insurance	\$	309,348.00	\$	17,890.49	\$		\$	259,462.86	\$	-	83.87%
01-40-440-500140	Life Insurance	\$		\$	248.50	\$		\$	5,297.93	\$	-	87.60%
01-40-440-500143 01-40-440-500145	EAP Program Workers' Compensation	\$ \$	847.00 49,660.00		28.28 1,230.91			\$		\$ \$	-	90.22% 93.56%
01-40-440-500155	Retirement/CalPERS	\$	174,925.00	\$	11,162.60	\$		\$	144,499.01	\$	-	82.61%
01-40-440-500165	Uniforms & Employee Benefits	\$		\$	1.305.37	\$		\$	2,792.15	\$	-	50.77%
01-40-440-500175	Training/Education/Mtgs/Travel	\$	3,000.00		-	\$		\$	2,945.00	\$	-	98.17%
01-40-440-500180	Accrued Sick Leave Expense	\$	46,222.00	\$	2,672.78	\$	9,043.89	\$	37,178.11	\$	-	80.43%
01-40-440-500185	Accrued Vacation Leave Expense	\$	64,919.00	\$	1,228.86	\$	6,956.46	\$	57,962.54	\$	-	89.28%
01-40-440-500187	Accrual Leave Payments	\$	75,670.00	\$	1,115.02	\$	1,115.02	\$	74,554.98	\$	-	98.53%
01-40-440-500195	CIP Related Labor	\$	(60,000.00)		-	\$	(38.87)		(59,961.13)		-	99.94%
01-40-440-550024	Employment Testing	\$	400.00	\$	-	\$	-	\$	400.00	\$	-	100.00%
450	Inspections Personnel	•	20 426 00	¢.	344.01	¢.	2 647 64	d.	25 479 20	e		90.59%
01-40-450-500105 01-40-450-500110	Labor Overtime	\$ \$	28,126.00 4,985.00	\$	348.25	\$		\$	25,478.39 4,142.02	\$ \$	-	83.09%
01-40-450-500111	Double Time	\$	217.00	\$	340.23	\$	042.50	\$	217.00	\$	-	100.00%
01-40-450-500113	Standby/On-Call	\$	88.00	\$	-	\$	_	\$	88.00	\$	-	100.00%
01-40-450-500115	Social Security	\$	2,075.00		43.17	\$	218.03	\$		\$	-	89.49%
01-40-450-500120	Medicare	\$	486.00	\$	10.10	\$	51.00	\$	435.00	\$	-	89.51%
01-40-450-500125	Health Insurance	\$	8,064.00	\$	178.07	\$	1,041.07	\$	7,022.93	\$	-	87.09%
01-40-450-500140	Life Insurance	\$	192.00	\$	2.51	\$	12.11	\$	179.89	\$	-	93.69%
01-40-450-500143	EAP Program	\$	22.00	\$	0.26	\$		\$	20.67	\$	-	93.95%
01-40-450-500145	Workers' Compensation	\$	1,991.00	\$	11.28	\$		\$	1,925.66	\$	-	96.72%
01-40-450-500155	Retirement/CalPERS	\$	9,199.00	\$	327.86	\$	1,134.26	\$	8,064.74	\$	-	87.67%
460 01-40-460-500105	Customer Svc & Meter Reading Personnel	\$	166,735.00	\$	12,020.38	\$	35,392.10	\$	121 242 00	\$	_	78.77%
01-40-460-500103	Labor Overtime	\$		\$	319.92			\$	131,342.90 13,756.12	\$	-	95.85%
01-40-460-500111	Double Time	\$		\$	51.48	\$		\$		\$	_	84.98%
01-40-460-500113	Standby/On-Call	\$	7,800.00		125.00			\$	7,550.00	\$	_	96.79%
01-40-460-500115	Social Security	\$	14,451.00	\$	913.54	\$	2,441.52	\$	12,009.48	\$	-	83.10%
01-40-460-500120	Medicare	\$	3,383.00	\$	213.67	\$	571.01	\$	2,811.99	\$	-	83.12%
01-40-460-500125	Health Insurance	\$	71,172.00	\$	4,574.84	\$	16,844.18	\$	54,327.82	\$	-	76.33%
01-40-460-500140	Life Insurance	\$	1,152.00	\$	49.62	\$		\$	955.19	\$	-	82.92%
01-40-460-500143	EAP Program	\$	195.00	\$	6.14	\$		\$		\$	-	86.96%
01-40-460-500145	Workers' Compensation	\$		\$	392.89	\$		\$	11,257.79	\$	-	91.39%
01-40-460-500155	Retirement/CalPERS	\$	42,238.00	\$	2,985.55	\$		\$	34,073.77	\$	-	80.67%
01-40-460-500165 01-40-460-500175	Uniforms & Employee Benefits Training/Education/Mtgs/Travel	\$ \$	200.00 400.00	\$	-	\$ \$	72.20	\$	127.80 400.00	\$ \$	-	63.90% 100.00%
01-40-460-500173	Accrued Sick Leave Expense	\$	7,776.00	\$	908.22	\$	985.44	\$	6,790.56	\$	-	87.33%
01-40-460-500185	Accrued Vacation Leave Expense	\$	14,431.00	\$	1,345.80	\$		\$	12,506.05	\$	-	86.66%
01-40-460-500187	Accrual Leave Payments	\$	19,562.00	\$	-	\$	-	\$	19,562.00	\$	-	100.00%
01-40-460-500195	CIP Related Labor	\$	(10,000.00)	\$	(3,624.69)	\$	(6,802.69)	\$	(3,197.31)		-	31.97%
01-40-460-550024	Employment Testing	\$	200.00	\$	-	\$	-	\$	200.00	\$	-	100.00%
470	Maintenance & General Plant Personnel											
01-40-470-500105	Labor	\$	34,443.00		2,291.07	\$		\$	26,349.00	\$	-	76.50%
01-40-470-500110	Overtime	\$	2,475.00	\$	-	\$	-	\$		\$	-	100.00%
01-40-470-500111	Double Time	\$	214.00	\$	-	\$	-	\$	214.00	\$	-	100.00%
01-40-470-500113 01-40-470-500115	Standby/On-Call Social Security	\$ \$	88.00 2,313.00	\$	142.32	\$	502.37	\$	88.00 1,810.63	\$ \$	-	100.00% 78.28%
01-40-470-500113	Medicare	\$	543.00					\$	425.52		-	78.36%
01-40-470-500125	Health Insurance	\$	14,724.00					\$		\$	-	88.76%
01-40-470-500140	Life Insurance	\$		\$	19.35			\$	219.17	\$	-	91.32%
01-40-470-500143	EAP Program	\$	41.00	\$	2.92	\$	3.19	\$	37.81	\$	-	92.22%
01-40-470-500145	Workers' Compensation	\$	2,439.00	\$	61.12	\$	211.36	\$	2,227.64	\$	-	91.33%
01-40-470-500155	Retirement/CalPERS	\$	7,806.00	\$	394.65	\$	1,438.04	\$	6,367.96	\$	-	81.58%
	Operations Personnel	\$	2,939,501.00	\$	156,711.78	\$	422,377.25	\$	2,517,123.75	\$	-	85.63%
410	Source of Supply Materials & Supplies	•	1 717 000 00	¢.	90 994 65	¢.	207.044.44	d.	1 420 059 90	e		02 200/
01-40-410-501101 01-40-410-501201	Electricity - Wells Gas - Wells	\$ \$	1,717,000.00 225.00		89,884.65 14.30		287,041.11 44.87		1,429,958.89 180.13		-	83.28% 80.06%
01-40-410-510011	Treatment & Chemicals	\$	90,000.00		1,224.44			\$	69,415.64		-	77.13%
01-40-410-510021	Lab Testing	\$	120,000.00		3,486.00		10,408.00		109,592.00		-	91.33%
01-40-410-510031	Small Tools, Parts & Maint	\$	3,200.00		200.73			\$	2,972.34		-	92.89%
01-40-410-520021	Maint & Rpr-Telemetry Equip	\$	10,000.00		2,506.79		3,338.03	\$	6,661.97		-	66.62%
01-40-410-520061	Maint & Rpr-Pumping Equipment	\$	125,000.00	\$	21,127.48	\$	24,873.78	\$	100,126.22		-	80.10%
01-40-410-550066	Subscriptions	\$	1,000.00	\$	-	\$	-	\$	1,000.00	\$	-	100.00%
440	Transmission & Distribution Materials & Supplies							_		_		
01-40-440-510031	Small Tools, Parts & Maint	\$	8,500.00		616.93			\$	7,445.44		-	87.59%
01-40-440-520071	Maint & Rpr-Pipelines&Hydrants	\$	55,000.00		9,988.01	\$	12,807.92	\$	42,192.08	\$	-	76.71%
01-40-440-520081 01-40-440-540001	Maint & Rpr-Pressure Regulatrs Backflow Program	\$ \$	7,500.00 7,500.00		-	\$	-	\$		\$ \$	-	100.00% 100.00%
01-40-440-540001	Inventory Adjustments	э \$	3,000.00		-	\$	-	Ф \$	3,000.00		-	100.00%
01-40-440-540036	Line Locates	\$	3,500.00		161.80		559.30	\$	2,940.70		905.10	58.16%
		Ψ	-,000.00	7	.550	*	555.50	-	_,0 .0 0	-	200.10	

Account Number	Description		Budget	Period Amt		End Bal	Variance		Encumbered	% Avail/ Uncollect
01-40-440-540042	Meters Maintenance & Services	\$	150,000.00	\$ 10,549.84	\$	28,436.86	\$ 121,563.14	\$	80.00	80.99%
01-40-440-540078	Reservoirs Maintenance	\$	26,000.00	\$ · -	\$	20,628.00	\$ 5,372.00	\$	-	20.66%
470	Maintenance & General Plant Materials & Supplies									
01-40-470-501111	Electricity - 560 Magnolia	\$	27,200.00	\$ 1,425.66	\$	4,275.21	\$ 22,924.79	\$	-	84.28%
01-40-470-501121	Electricity - 12303 Oak Glen	\$	2,500.00	\$ 246.33	\$	776.19	\$ 1,723.81	\$	-	68.95%
01-40-470-501131	Electricity - 13695 Oak Glen	\$	1,848.00	\$ 116.85	\$	362.16	\$ 1,485.84	\$	-	80.40%
01-40-470-501141	Electricity - 13697 Oak Glen	\$	2,818.00	\$ 169.42	\$	548.13	\$ 2,269.87	\$	-	80.55%
01-40-470-501151	Elec - 9781 Avenida Miravilla	\$	1,834.00	\$ 72.53	\$	284.80	\$ 1,549.20	\$	-	84.47%
01-40-470-501161	Electricity - 815 E. 12th	\$	6,000.00	\$ 332.26	\$	1,181.30	\$ 4,818.70	\$	-	80.31%
01-40-470-501321	Propane - 12303 Oak Glen	\$	114.00	\$ -	\$	-	\$ 114.00	\$	-	100.00%
01-40-470-501331	Propane - 13695 Oak Glen	\$	683.00	\$ 559.38	\$	1,165.43	\$ (482.43)	\$	-	-70.63%
01-40-470-501341	Propane - 13697 Oak Glen	\$	618.00	\$ 574.46	\$	1,108.30	\$ (490.30)	\$	-	-79.34%
01-40-470-501351	Propane-9781 Avenida Miravilla	\$	903.00	\$ 403.57	\$	751.98	\$ 151.02	\$	-	16.72%
01-40-470-501411	Sanitation - 560 Magnolia	\$	2,900.00	\$ 355.73	\$	583.76	\$ 2,316.24	\$	-	79.87%
01-40-470-501461	Sanitation - 815 E. 12th	\$	4,050.00	\$ 687.68	\$	1,031.52	\$ 3,018.48	\$	-	74.53%
01-40-470-501471	Sanitation - 11083 Cherry Ave	\$	3,200.00	\$ 263.54	\$	790.62	\$ 2,409.38	\$	-	75.29%
01-40-470-501611	Maint & Repair- 560 Magnolia	\$	20,000.00	\$ 4,086.01	\$	7,344.10	\$ 12,655.90	\$	-	63.28%
01-40-470-501621	Maint & Repair- 12303 Oak Glen	\$	1,200.00	\$ -	\$	-	\$ 1,200.00	\$	-	100.00%
01-40-470-501631	Maint & Repair- 13695 Oak Glen	\$	1,000.00	\$ 638.00	\$	638.00	\$ 362.00	\$	-	36.20%
01-40-470-501641	Maint & Repair- 13697 Oak Glen	\$	500.00	\$ 638.00	\$	966.00	\$ (466.00)	\$	-	-93.20%
01-40-470-501651	Maint & Rpr-9781 Ave Miravilla	\$	1,500.00	\$ -	\$	-	\$ 1,500.00	\$	-	100.00%
01-40-470-501661	Maint & Repair- 815 E. 12th	\$	5,000.00	\$ 220.20	\$	978.16	\$ 4,021.84	\$	-	80.44%
01-40-470-501691	Maint & Rpr- Buildgs (General)	\$	5,000.00	\$ 455.20	\$	599.95	\$ 4,400.05		-	88.00%
01-40-470-510001	Auto/Fuel	\$	78,000.00	\$ 8,659.71	\$	19,443.59	\$ 58,556.41	\$	-	75.07%
01-40-470-520011	Maint & Rpr-Safety Equipment	\$	17,000.00	\$ 342.83	\$	2,811.52	\$ 14,188.48	\$	-	83.46%
01-40-470-520031	Maint & Rpr-General Equipment	\$	46,000.00	\$ 6,271.42	\$	10,547.87	\$ 35,452.13	\$	-	77.07%
01-40-470-520041	Maint & Rpr-Fleet	\$		\$ 1,895.74		14,554.35	\$	\$	-	70.89%
01-40-470-520091	Maint & Rpr-Communicatn Equip	\$	5,500.00	\$ 	\$		\$	\$	-	100.00%
	Operations Materials & Supplies	\$	2,612,793.00	168,175.49		480,747.39	\$ 2,132,045.61		985.10	81.56%
			, ,	,		,				
410	Source of Supply Services									
01-40-410-500501	State Project Water Purchases	\$	2,853,000.00	\$ 237,750.00	\$	622,588.00	\$ 2,230,412.00	\$	-	78.18%
01-40-410-540084	State Mandates & Tariffs	\$	70,000.00	\$ 5,815.86	\$	28,971.92	\$ 41,028.08	\$	-	58.61%
440	Transmission & Distribution Services									
01-40-440-550051	Advertising/Legal Notices	\$	4,000.00	\$ 400.00	\$	930.00	\$ 3,070.00	\$	-	76.75%
470	Maintenance & General Plant Services									
01-40-470-540030	Landscape Maintenance	\$	61,560.00	\$ 5,727.05	\$	6,164.52	\$ 55,395.48	\$	-	89.99%
01-40-470-540072	Rechrg Facs, Cnyns&Ponds Maint	\$	108,440.00	\$ 19,606.48	\$	38,216.15	\$ 70,223.85	\$	-	64.76%
	Operations Services	\$	3,097,000.00	\$ 269,299.39	\$	696,870.59	\$ 2,400,129.41	\$	-	77.50%
Expense Total	OPERATIONS	\$	8,649,294.00	\$ 594,186.66	\$	1,599,995.23	\$ 7,049,298.77	\$	985.10	81.49%
50	GENERAL									
01-50-510-510031	Small Tools, Parts & Maint	\$	500.00	\$ _	\$	_	\$ 500.00	\$	_	100.00%
01-50-510-540066	Property Damages & Theft	\$	15,000.00	\$ 79.20	\$	6,897.19	\$ 8,102.81	\$		54.02%
01-50-510-550040	General Supplies	\$		\$ 1,713.09	\$	3,851.62	\$ 7,148.38	\$	_	64.99%
01-50-510-550060	Public Ed./Community Outreach	\$	60,000.00	\$ 10,818.31	\$	10,818.31	49,181.69	\$	-	81.97%
01-50-510-550072	Misc Operating Expenses	\$	1,000.00	\$ -	\$	-	\$ 1,000.00	\$	-	100.00%
	General Materials & Supplies	\$	87,500.00	\$ 12,610.60	\$	21,567.12	\$ 65,932.88	\$	-	75.35%
01-50-510-550096	Beaumont Basin Watermaster	\$	42,000.00	\$ _	\$	23,498.00	\$ 18,502.00	\$		44.05%
3. 30-010-000000	General Services	\$	42,000.00	-	\$	23,498.00	18,502.00		-	44.05%
		,	,		•	-,	-,	•		, •
Expense Total	GENERAL	\$	129,500.00	\$ 12,610.60	\$	45,065.12	\$ 84,434.88	\$	-	65.20%
Expense Total	ALL EXPENSES	\$	15,338,271.00	\$ 1,059,218.08	\$	2,920,979.73	\$ 12,417,291.27	\$	977.97	80.95%



Beaumont-Cherry Valley Water District Cash Balance & Investment Report As of March 31, 2019

							laturity Par Amount		Liquid N/A	
						_	Policy % Limit Maturity	No Limit	No Limit	
						Actual % of	Total	40%	%09	
Per Account Prior Month Balance		\$661,648.10	\$ 661,648.10		myestment Summary	•	Prior Month Balance	\$23,843,878.02	\$34,617,441.13	\$58,461,319.15
Cash Balance Per Account		\$818,620.53	818,620.53	***************************************	Investment		Market Value	\$23,843,878.02	\$35,077,885,50	\$58,921,763.52
Account Ending #	n	General 4152	Total Cash					al Agency Investment Fund		Total Investments
Account Name	Wells Fargo						Account Name	Ca. State Treasurer's Office: Local Agency Investment Fund	CalTRUST Short Term Fund	

\$148,323.80 \$212,784.90 \$361,108.70

Rate 2.44 2.52

2019 Interest to Date

0110

59,122,967.25

Total Cash & Investments \$ 59,740,384.05 \$

4/15/15

BCVWD will be able to meet its cash flow obligations for the next 6 months

The investments above are in accordance with the District's investment policy.

Accounts Payable

Checks by Date - Detail by Check Date

User: wclayton

Printed: 4/25/2019 12:07 PM

Beaumont-Cherry Valley Water District

560 Magnolia Avenue Beaumont CA 92223 (951) 845-9581 www.bcvwd.org



Check No	Vendor No Invoice No 10087 1-023-172-800 1-023-172-800	Vendor Name Description EDD PR Batch 00005.03.2019 State Income Tax PR Batch 00005.03.2019 CA SDI	Check Date Reference 03/28/2019	Void Checks	Check Amount 212.57 16.65
Total for this ACH	Check for Vendor 10087:			0.00	229.22
				0.00	229.22
ACH	10094 85583834 85583834 85583834 85583834	U.S. Treasury PR Batch 00005.03.2019 Medicare Employee Portion PR Batch 00005.03.2019 Medicare Employer Portion PR Batch 00005.03.2019 FICA Employer Portion PR Batch 00005.03.2019 FICA Employee Portion	03/28/2019		67.92 67.92 290.43 290.43
Total for this ACH	Check for Vendor 10094:			0.00	716.70
Total for 3/28/20	19:			0.00	945.92
АСН	10087	EDD	04/01/2019		
АСП	1-247-207-616	PR Batch 00006.03.2019 State Income Tax	04/01/2019		168.58
	1-247-207-616	PR Batch 00000.03.2017 State Income Tax PR Batch 00006.03.2019 CA SDI			18.73
Total for this ACH	Check for Vendor 10087:			0.00	187.31
ACH	10094 72257161 72257161 72257161 72257161 72257161	U.S. Treasury PR Batch 00006.03.2019 Medicare Employer Portion PR Batch 00006.03.2019 FICA Employer Portion PR Batch 00006.03.2019 Medicare Employee Portion PR Batch 00006.03.2019 FICA Employee Portion PR Batch 00006.03.2019 Federal Income Tax	04/01/2019		46.98 200.86 46.98 200.86 241.25
Total for this ACH	Check for Vendor 10094:			0.00	736.93
Total for 4/1/2019	9:			0.00	924.24
ACH	10085 15606513 15606513 15606513 15606513 15606513 15606513 15606513 15606513	CalPERS Retirement System PR Batch 00001.04.2019 CalPERS 1% ER Paid PR Batch 00001.04.2019 CalPERS 7% Final Pay PR Batch 00001.04.2019 CalPERS 8% EE Paid PR Batch 00001.04.2019 CalPERS 7% Final Pay PR Batch 00001.04.2019 CalPERS 7% ED Deduction PR Batch 00001.04.2019 CalPERS 8% ER Paid PR Batch 00001.04.2019 CalPERS 8% ER Paid PR Batch 00001.04.2019 CalPERS ER PEPRA PR Batch 00002.04.2019 CalPERS 8% EE Paid PR Batch 00001.04.2019 CalPERS ER Paid Classic PR Batch 00002.04.2019 CalPERS ER Paid Classic	04/04/2019		172.94 242.35 2,035.13 242.35 3,556.52 1,151.17 2,532.50 194.83 8,211.61 350.09
Total for this ACH	Check for Vendor 10085:			0.00	18,689.49

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
АСН	10087 1-469-632-704 1-469-632-704 1-469-632-704 1-469-632-704	EDD PR Batch 00002.04.2019 State Income Tax PR Batch 00002.04.2019 CA SDI PR Batch 00001.04.2019 CA SDI PR Batch 00001.04.2019 State Income Tax	04/04/2019		43.54 24.35 952.28 3,757.08
Total for this ACH (Check for Vendor 10087:			0.00	4,777.25
АСН	10094 35466215 35466215 35466215 35466215 35466215 35466215 35466215 35466215	U.S. Treasury PR Batch 00002.04.2019 FICA Employer Portion PR Batch 00001.04.2019 FICA Employer Portion PR Batch 00002.04.2019 FICA Employee Portion PR Batch 00001.04.2019 Medicare Employee Portion PR Batch 00002.04.2019 Medicare Employee Portion PR Batch 00001.04.2019 Federal Income Tax PR Batch 00001.04.2019 Medicare Employer Portion PR Batch 00002.04.2019 Medicare Employer Portion PR Batch 00002.04.2019 Medicare Employer Portion PR Batch 00002.04.2019 Medicare Employer Portion	04/04/2019		150.99 5,945.92 150.99 1,390.57 35.31 9,195.49 1,390.57 227.10 35.31
	35466215	PR Batch 00001.04.2019 FICA Employee Portion			5,945.92
Total for this ACH C	10141 Q54A9Q86657 Q54A9Q86657	Ca State Disbursement Unit PR Batch 00001.04.2019 Garnishment PR Batch 00001.04.2019 Garnishment	04/04/2019	0.00	24,468.17 266.30 288.46
Total for this ACH (Check for Vendor 10141:			0.00	554.76
АСН	10203 VB1450-PP07 VB1450-PP07	Voya Financial PR Batch 00001.04.2019 Deferred Comp PR Batch 00002.04.2019 Deferred Comp	04/04/2019		450.00 25.00
Total for this ACH (Check for Vendor 10203:			0.00	475.00
ACH	10264 15629160 15629160	CalPERs Supplemental Income Plans PR Batch 00001.04.2019 CalPERS 457 PR Batch 00001.04.2019 CalPERS 457 %	04/04/2019		1,384.31 48.36
Total for this ACH (Check for Vendor 10264:			0.00	1,432.67
8782	10000 225084 225084 225084 225085 225085 225085 225086 225086 225086	A C Propane Co Propane Refill Mar 2019 - 9781 Avenida Miravi Propane Refill Mar 2019 - 9781 Avenida Miravi Propane Credit Balance - M Morales 9781 Ave Mira Propane Refill Mar 2019 - 13695 Oak Glen Rd Apply Propane Credit Balance - J Haggin 13695 O Propane Refill Mar 2019 - 13695 Oak Glen Rd Propane Refill Mar 2019 - 13697 Oak Glen Rd Apply Propane Credit Balance - J Beans 13697 O Propane Refill Mar 2019 - 13697 Oak Glen Rd	04/04/2019		-270.96 403.57 270.96 559.38 225.00 -225.00 -225.00 574.46
Total for Check Nur	nber 8782:			0.00	1,537.41
8783 Total for Check Nur	10144 LYUM1349322 LYUM1349324 LYUM1352382 LYUM1353176 LYUM1353178	Alsco Inc Cleaning of Mats & Shop Towels 12th/Palm Mar 2019 Cleaning of 3 Office Mats 560 Magnolia Mar 2019 Case of Plastic Gloves - Yard Stock Cleaning of Mats & Shop Towels 12th/Palm Mar 2019 Cleaning of 3 Office Mats 560 Magnolia Mar 2019	04/04/2019	0.00	35.10 20.95 94.69 35.10 34.26
Total for Check Nur	11001 0/03.			0.00	220.10

Check No 8784	Vendor No Invoice No 10773	Vendor Name Description Bartel Associates, LLC	Check Date Reference 04/04/2019	Void Checks	Check Amount
0704	19-169	Basic Valuation and GASB 75 Accounting Report 10/2018-12/2018	04/04/2019		6,500.00
Total for Check Num	ber 8784:			0.00	6,500.00
8785	10283 03052019 03052019	BCVWD Custodian of Petty Cash Postage for Certified COBRA Letter - 560 Magnolia Postage for Rate Study RFP's - 560 Magnolia	04/04/2019		6.75 21.05
Total for Check Num	ıber 8785:			0.00	27.80
8786	10335 71545	Beaumont Safe & Lock (15) Duplicate Keys - Trailers	04/04/2019		24.24
Total for Check Num	ıber 8786:			0.00	24.24
8787	10308 306-19 306-19 306-19 306-19	Byrd Industrial Electronics Labor- Replace Transducers - Vineland/P2 2800 Labor - Replace Tranducer - Upper Edgar Transducer - Upper Edgar Transducers - Vineland/P2 2800	04/04/2019		831.24 613.55 354.00 708.00
Total for Check Num	aber 8787:			0.00	2,506.79
8788	10777 INNU-003397	California Conservation Corps Crew Clean Up for Oak Glen Conservation Camp 2/1-28/19	04/04/2019		12,980.00
Total for Check Num	ıber 8788:			0.00	12,980.00
8789	10774 151120 151122 151122	Jesus Camacho (18) Truck Washes - Mar 2019 (2) Truck Washes Apr 2019 (15) Truck Washes Apr 2019	04/04/2019		190.00 30.00 150.00
Total for Check Num	ber 8789:			0.00	370.00
8790	10614 25221 25221 25258	Cherry Valley Automotive Labor - Changed Oil/Filter - OD 25,058 Unit 32 Changed Oil/Filter - OD 25,058 Unit 32 Tire Repair - OD 60,968 Unit 3	04/04/2019		22.00 144.89 10.00
Total for Check Num	lber 8790:			0.00	176.89
8791	10351 5553 6138	Cherry Valley Nursery & Landscape Supply Grass Seeds/Flowers - Hydrant Install 10943 Bellflower Grass Seeds/Flowers - Hydrant Install 10943 Bellflower	04/04/2019		113.11 61.87
Total for Check Num	ıber 8791:			0.00	174.98
8792	10390 S1361629.001	Dangelo Company (50) 6" Flg Gaskets - Inventory	04/04/2019		102.47
Total for Check Num	ıber 8792:			0.00	102.47
8793	10303 9123327422 9123327422 9123327422 9123327422	Grainger Inc (3) Disposable Mask Boxes - PPE District Employees (2) Ear Plugs Boxes - PPE District Employees (5) Gloves - PPE District Employees (5) Chemical Resistant Gloves - PPE District Employees	04/04/2019		101.92 173.63 28.50 30.71
Total for Check Num	iber 8793:			0.00	334.76

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
8794	10273	Inland Water Works Supply Co.	04/04/2019		
	S1021265.001	(10) 8 Red Rings For Flex - Inventory			233.89
	S1021265.001	(9) 5/8" x 10.5" Bolts For Flex - Inventory			60.74
	S1021265.001	(4) 8 Center Rings For Flex - Inventory			177.33
	S1021265.001	(8) Gaskets For Flex 8.55-8.75 - Inventory			75.07
	S1021265.002	(51) 5/8" x 10.5" Bolts For Flex - Inventory			344.17
	S1021265.004	(8) 6" Black Rings For Flex - Inventory			147.85
	S1021265.005	(2) 6" Black Rings For Flex - Inventory			36.95
	S1021404.001	(1) 16" x 8" Flg Tees - Inventory			841.98
	S1021404.001	(3) 8" Flg x MJ 90 - Inventory (4) 2" Saddle Mounts - Cherry Intertie Repairs			811.83
	S1021720.001 S1021720.001	(2) 16" Flanges - Well 22			701.85 404.25
	S1021720.001 S1021894.001	(4) 16" Bolt & Nut Sets - Cherry Intertie Repairs			169.07
	S1021894.001	(8) 16" Non ASB Ring Gaskets - Cherry Intertie Repairs			176.72
Total for Check Nu	ımber 8794:			0.00	4,181.70
8795	10496	John Borden Heating & Air Conditioning	04/04/2019		
6773	S-76985	Annual Maintenace - 560 Magnolia	04/04/2017		475.00
	S-77090	(2) Replace Condenser Motor Fans - 560 Magnolia			1,328.00
	S-77090	Pan Treatment for 5 AC Systems - 560 Magnolia			420.00
Total for Check Nu	ımber 8795:			0.00	2,223.00
8796	10202	Kaboo Leasing Co.	04/04/2019		
0,70	255014	Weld Flange - Cherry Yard	0 11 0 11 2019		770.00
	255014	Weld Flush Line - Well 22			440.00
Total for Check Nu	ımber 8796:			0.00	1,210.00
8797	10429	Legend Pump & Well Service Inc	04/04/2019		
	55424	Emer Repair - Replace/Remove Motor - Well 21			28,819.30
	55425	Emer Repair- Motor (2) Head Shaft - Well 21			5,800.00
	55426	Emer Repair- Motor/Conduits/Wiring - Well 21			3,979.00
	55427	Emer Repair- Motor/Conduits/Wiring - Booster 21A			18,329.50
	55428	Emer Repair-Motor/Conduits/Wiring - Booster 21A			2,961.00
	55464	Emer Repair - Remove/Install Motorr - Well 26			2,975.00
Total for Check Nu	ımber 8797:			0.00	62,863.80
8798	10026	McCrometer Inc	04/04/2019		
	521807RI	Recalibrate Meters at Recharge Facilities			2,893.84
	521807RI	Recalibrate Meters at Recharge Facilities-Sensor Assy			118.53
	521807RI	Labor - Recalibrate Meters at Recharge Facilities-Sensor Assy			196.00
Total for Check Nu	ımber 8798:			0.00	3,208.37
8799	10196	National Meter & Automation, Inc	04/04/2019		11 002 04
	S1110928.004	(72) 5/8" Badger With Wire - Inventory			11,093.94
Total for Check Nu				0.00	11,093.94
8800	10055 6877	Nino's Auto/Diesel Fuel - 12/03/18-3/27/19 - District Trucks	04/04/2019		2,725.41
	0877	Auto/Dieser Puer - 12/03/10-3/27/17 - District Trucks			2,723.41
Total for Check Nu	ımber 8800:			0.00	2,725.41
8801	10102	Pat's Pots	04/04/2019		
	17226	Labor Rental Portable Toilets - 2/12-3/11/19 Feb 2019			310.00
	17227	Labor Rental Portable Toilets - 3/12-4/8/19 Mar 2019			310.00
	17228	Labor Rental Portable Toilets - 4/9/-5/6/19 Apr 2019			310.00
Total for Check Nu	ımber 8801:			0.00	930.00

Check No 8802	Vendor No Invoice No 10632	Vendor Name Description Quinn Company	Check Date Reference 04/04/2019	Void Checks	Check Amount
	WOA00011386	Dozer Repair And Travel - Caterpillar			1,884.07
Total for Check Num	nber 8802:			0.00	1,884.07
8803	10056 W52898 W52898 W52906 W52906 W52907	RDO Equipment Co. Trust# 80-5800 Test Kit/Washer/Snap Ring - JD Bachhoe Labor - Replaced Washer/Rings/Brakes/Hub - JD Bachhoe Labor - Yearly Preventive Manit - JD Backhoe Labor - Yearly Preventive Manit - JD Backhoe Parts - Yearly Preventive Manit - Disking Tractor Labor - Yearly Preventive Manit - Disking Tractor	04/04/2019		28.70 539.35 603.75 422.61 485.66 504.00
Total for Check Num	nber 8803:			0.00	2,584.07
8804	10277 15099	Rio Stone Building Materials Replace Concrete Due To Main Leak - 8981 Miravilla	04/04/2019		169.63
Total for Check Num	nber 8804:			0.00	169.63
8805	10317 416577 416577	Robertson's Ready Mix Sand/Base for Meter Maint and Repairs Sand/Base for Maint on Pipelines and Hydrants	04/04/2019		471.21 471.21
Total for Check Num	nber 8805:			0.00	942.42
8806	10290 19-00188 19-00188	San Gorgonio Pass Water Agency 15 AF @ \$317 for Feb 2019 1735 AF @ \$317 for Mar 2019	04/04/2019		4,755.00 232,995.00
Total for Check Num	nber 8806:			0.00	237,750.00
8807	10276 00610763 Apr 2019 00610763 Apr 2019 00610763 Apr 2019	Standard Insurance Company Employee Adjustment Per Salary Increases April 2019 Pending Credit Term Employees April 2019 Monthly Life & AD&D Insurance April 2019	04/04/2019		19.84 30.89 816.33
Total for Check Num	nber 8807:			0.00	867.06
8808	10031 3408759633 3409327835	Staples Business Advantage Tape/Paper - 560 Magnolia (5) Toners - 560 Magnolia	04/04/2019		207.46 790.40
Total for Check Num	nber 8808:			0.00	997.86
8809	10770 SIO8869 W1006617 W1006617 W1006617 W1006617 W1006617 W1006617 W1006617	Sulzer Electro-Mechanical Services, Inc 40 HP Motor - Well 6 Labor Rewind Stator - Well 26 Labor Shop - Well 26 Misc Hardware/Environmental - Well 26 Labor - Balancing - Well 26 Labor Test Cooling Lines - Well 26 Bearings - Well 26 Labor - Test Rotor - Well 26 Glass w/Reflector/Oil Plug - Well 26 Rewind Stator Materials - Well 26	04/04/2019		4,095.36 3,523.31 1,280.00 50.00 360.00 135.00 1,519.09 180.00 117.30 5,200.00
Total for Check Num	aber 8809:			0.00	16,460.06

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
8810	10443 10506	Superior Gate Services Replace Solar Panel/ Test All Operations - Middle Canyon Gate	04/04/2019		940.00
Total for Check Num	nber 8810:			0.00	940.00
8811	10284 320190042 320190042	Underground Service Alert of Southern California Monthly Maintenance Fee Mar 2019 92 New Ticket Charges Mar 2019	04/04/2019		10.00 151.80
Total for Check Num	nber 8811:			0.00	161.80
8812	10778 4439 4440 4441 4442 4443	Urban Habitat Maintenance - Site 1 BCVWD Business Office Maintenance - Site 5 Well Site 2 Maintenance - Site 6 Well Site 3 Maintenance - Site 7 Well Site 16 Maintenance - Site 11 Well Site 25	04/04/2019		180.00 420.00 510.00 450.00 180.00
Total for Check Num	nber 8812:			0.00	1,740.00
8813	10385 5448020	Waterline Technologies, Inc PSOC 900 Gallons of Chlorine - Well 25	04/04/2019		1,197.00
Total for Check Num	nber 8813:			0.00	1,197.00
8814	10158 82352	Wienhoff Drug Testing 2019 Annual Consortium Fee	04/04/2019		75.00
Total for Check Num	nber 8814:			0.00	75.00
8815	UB*03320	Adreana Canchola Refund Check Refund Check Refund Check Refund Check	04/04/2019		13.23 27.60 9.49 19.92
Total for Check Num	nber 8815:			0.00	70.24
8816	UB*03321	Crystal Davis Refund Check Refund Check Refund Check Refund Check	04/04/2019		36.60 17.54 12.58 45.78
Total for Check Num	nber 8816:			0.00	112.50
8817	UB*03322	Delores Goines Refund Check Refund Check Refund Check Refund Check	04/04/2019		15.51 21.63 45.12 83.59
Total for Check Num	nber 8817:			0.00	165.85
8818	UB*03318	Jessica Gomez Refund Check Refund Check Refund Check Refund Check	04/04/2019		16.13 33.66 11.57 15.79
Total for Check Num	nber 8818:			0.00	77.15

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
8819	UB*03319	George Johnson Refund Check Refund Check Refund Check Refund Check	04/04/2019		1.44 1.03 43.52 2.99
Total for Check Num	ber 8819:			0.00	48.98
8820	UB*03317	Dana McDonald Refund Check Refund Check Refund Check Refund Check	04/04/2019		24.68 11.83 8.49 125.46
Total for Check Num	ber 8820:			0.00	170.46
8821	10771 03072019 03072019 03072019 03072019 03072019 03072019 03072019 03072019 03072019 03072019 03072019	Rich Development Enterprises, LLC Refund Facilities Fees - Pressure Reducing Stations Refund Facilities Fees - Misc Projects Refund Facilities Fees - Local Water Resources Refund Facilities Fees - Recycled Water Facilities Refund Facilities Fees - Transmission (16") Refund Facilities Fees - Water System Financing Cost Refund Facilities Fees - Water Rights (SWP) Refund Facilities Fees - Booster Refund Facilities Fees - Storage Refund Facilities Fees - Water Treatment Plant Refund Facilities Fees - Wells	04/04/2019		788.10 688.20 5,383.50 15,562.20 17,404.80 3,385.50 13,597.50 1,542.90 22,288.80 10,223.10 21,489.60
Total for Check Num	ber 8821:			0.00	112,354.20
8822	UB*03324	Donna Rowe Refund Check	04/04/2019		126.92
Total for Check Num	ber 8822:			0.00	126.92
8823	UB*03323	Alysia Schauf Refund Check	04/04/2019		214.54
Total for Check Num	ber 8823:			0.00	214.54
8824	10042 07132135000Mar	Southern California Gas Company Monthly Gas Charges 2/27-3/28/19 Mar 2019	04/04/2019		14.30
Total for Check Num	ber 8824:			0.00	14.30
Total for 4/4/2019:				0.00	542,913.11
8825	10025 4428 4428 4428	Lee's Auto Body Labor - Remove/Refinish/Replace - Door Panel Unit 34 Door Panel - Unit 34 Labor - Deductible Unit 34	04/08/2019		809.85 840.59 500.96
Total for Check Num	ber 8825:			0.00	2,151.40
Total for 4/8/2019:				0.00	2,151.40

Check No	Vendor No Invoice No 10288	Vendor Name Description CalPERS Health Fiscal Services Division	Check Date Reference 04/10/2019	Void Checks	Check Amount
ACII	03142019 03142019 03142019 03142019	Admin Fee for Health Insurance Apr 2019 Retired Employees Health Insurance Apr 2019 Admin Fee for Retired Emp Health Insurance Apr 2019 Active Employees Health Insurance Apr 2019	04/10/2019		110.92 2,370.00 11.27 48,224.60
Total for this ACH Ch	neck for Vendor 10288:			0.00	50,716.79
Total for 4/10/2019	:			0.00	50,716.79
ACH	10030 2039374889Mar 2039374889Mar 2039374889Mar 2039374889Mar 2039374889Mar 2039374889Mar 2039374889Mar	Southern California Edison Electricity 1/23-2/22/19 - Wells Mar 2019 Electricity 2/19-3/20/19 - Wells Mar 2019 Electricity 2/19-3/20/19 - 815 E 12th Ave Mar 2019 Electricity 2/19-3/20/19 - 13697 Oak Glen Rd Mar 2019 Electricity 2/19-3/20/19 - 13695 Oak Glen Rd Mar 2019 Electricity 2/19-3/20/19 - 560 Magnolia Ave Mar 2019 Electricity 2/19-3/20/19 - 9781 Avenida Miravilla Mar 2019 Electricity 2/19-3/20/19 - 12303 Oak Glen Rd Mar 2019	04/15/2019		198.71 89,685.94 332.26 169.42 116.85 1,425.66 72.53 246.33
Total for this ACH Ch	neck for Vendor 10030:			0.00	92,247.70
ACH	10086 013291	American Family Life Assurance Company of Columbus AFLAC Employee Insurance Mar 2019	04/15/2019		773.28
Total for this ACH Ch	neck for Vendor 10086:			0.00	773.28
ACH	10138 HW201 Apr 2019	ARCO Business Solutions ARCO Fuel Charges 3/12-4/11/19 Apr 2019	04/15/2019		7,129.70
Total for this ACH Ch	neck for Vendor 10138:			0.00	7,129.70
ACH	10287	Bank of the West	04/15/2019		
	10016	City of Beaumont Police Report - Damage to Unit 34 - 560 Magnolia			1.75
	10035	USA Blue Book			
	10037	Replacement Cable for District Sounder Waste Management Of Inland Empire			809.13
		Yard Dumpsters 815 E 12th Feb 2019 Recycling Dumpster Charges - 815 E 12th Feb 2019			263.91 79.93
		Monthly Sanitation 560 Magnolia Feb 2019			97.06
		Recycling Dumpster Charges- 560 Magnolia Feb 2019			79.93
		Recycling Dumpster Charges - 815 E 12th Mar 2019			79.93
		Yard Dumpsters 815 E 12th Mar 2019 Monthly Sanitation 560 Magnolia Feb 2019			263.91 97.06
		Recycling Dumpster Charges- 560 Magnolia Feb 2019			79.93
	10046	Press Enterprise Media Civil Engineering Assistant			576.60
	10147	Online Information Services, Inc 133 Credit Reports for Feb 2019			397.20
	10153	Brown and Caldwell Civil Engineering Assistant			100.00
	10192	Jaytown Industries Inc (6) Logo Decal For District Properties			70.04
		Logo Decal For District Properties			70.04
	10228	Consolidated Electrical Distributors Inc (20) Fuses - District Pumping Stations			258.17
	10335	Beaumont Safe & Lock			0.17
		Key Duplication - 560 Magnolia			29.09
	10338	California Special Districts Association Civil Engineering Assistant			105.00
	10420	Amazon.com			103.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
		Padlocks - Lock Off Services			109.85
		Calif Use Sale Tax - Padlocks - Lock Off Services			-7.90
		4 Tiers Letter Tray - 560 Magnolia			24.67
		2019 Wall Calendar - 560 Magnolia			19.88
		Frames - Welcome Home Vietnam Veterans			129.26
		Frames - Welcome Home Vietnam Veterans			19.65
		CA Use Sale Tax Frames - Welcome Home Vietnam Veterans			-9.29
	10424	Top-Line Industrial Supply, LLC			27.50
		Pressure Washer for Vac Truck			27.50
		Swivel/Filter - Diesel Tank Unit 17			91.15 116.37
	10437	Strainers For Trash Pumps			110.57
	1043 /	Safelite Autoglass Parless Window, Unit 34			412.44
	10442	Replace Window - Unit 34			412.44
	10442	CareerTrack			199.00
	10457	Annual Training Subscription - S Molina			199.00
	10457	Jon's Flags & Poles Inc			190.36
		(2) US Flags - Replacement/Spare (2) California Flags - Replacement/Spare			187.00
	10506	Santa Ana Watershed Project Authority			187.00
	10500	2019 Santa Ana Watershed Conf 3-29-19 - D Hoffman			158.61
		2019 Santa Ana Watershed Conf 3-29-19 - L Williams			158.61
		2019 Santa Ana Watershed Conf 3-29-19 - J Covington			158.61
	10526	Verizon			
	10020	Monthly Phone Service March 2019			968.10
	10546	Frontier Communications			
		03/10-4/09/19 Mar 2019 FIOS/FAX 12			316.77
		2/25-3/24/19 Mar 2019 FIOS/FAX 56			289.12
	10598	myfax			
		Annual Subscription Fee For HR Fax 2019			110.00
	10623	WP Engine			
		Web Host for BCVWD Website March 2019			35.00
	10635	Cal-Mesa Steel Supply, Inc			
		HR Angle - Roof Well 3			299.55
	10692	MMSoft Design			
		Network Monitoring Software Mar 2019			153.91
	10761	BLS*Spamtitan			
		Monthly Spam Filter March 2019			48.18
	10762	The Good Guys AC			
		Emerg Repair Due To Lightning - 13695 Oak Glen Rd			638.00
		Emerg Repair Due To Lightning - 13697 Oak Glen Rd			638.00
	10766	Sam's Club			
		2 Drawer Lateral File Cabinet - 560 Magnolia			253.19
	10775	AV Programming Associates			
		BCVWD 2019 Support Work Order			540.00
	10776	Impact Promotional Pro			
		Community Outreach/Centennial Bottles			688.17
	10704	100th BCVWD Lapel Pins			556.34
	10784	Autodesk, Inc			200.00
		Software - AutoCad Licenses - Engineering			390.00
Total for this ACI	H Check for Vendor 10287:			0.00	11,368.78
T . 10	010			0.00	111 510 46
Total for 4/15/20	J19:			0.00	111,519.46

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
ACH	10085 15606513 15606513 15606513 15606513 15606513 15606513	CalPERS Retirement System PR Batch 00003.04.2019 CalPERS 7% EE Deduction PR Batch 00003.04.2019 CalPERS 1% ER Paid PR Batch 00003.04.2019 CalPERS 8% EE Paid PR Batch 00003.04.2019 CalPERS 8% ER Paid PR Batch 00003.04.2019 CalPERS ER PEPRA PR Batch 00003.04.2019 CalPERS ER Paid Classic PR Batch 00003.04.2019 CalPERS Final Payout Adj	04/18/2019		3,541.94 172.94 2,185.68 1,151.17 2,516.76 8,482.13 30.29
Total for this ACH C	heck for Vendor 10085:			0.00	18,080.91
ACH	10087 0-950-474-944 0-950-474-944	EDD PR Batch 00003.04.2019 CA SDI PR Batch 00003.04.2019 State Income Tax	04/18/2019		954.08 3,852.72
Total for this ACH C	heck for Vendor 10087:			0.00	4,806.80
ACH	10094 34248134 34248134 34248134 34248134 34248134	U.S. Treasury PR Batch 00003.04.2019 Medicare Employer Portion PR Batch 00003.04.2019 FICA Employee Portion PR Batch 00003.04.2019 FICA Employer Portion PR Batch 00003.04.2019 Medicare Employee Portion PR Batch 00003.04.2019 Federal Income Tax	04/18/2019		1,407.73 6,004.44 6,004.44 1,407.73 10,105.87
Total for this ACH C	heck for Vendor 10094:			0.00	24,930.21
ACH	10141 374SM7A6657 374SM7A6657	Ca State Disbursement Unit PR Batch 00003.04.2019 Garnishment PR Batch 00003.04.2019 Garnishment	04/18/2019		288.46 266.30
Total for this ACH C	heck for Vendor 10141:			0.00	554.76
ACH	10203 VB1450-PP08	Voya Financial PR Batch 00003.04.2019 Deferred Comp	04/18/2019		475.00
Total for this ACH C	heck for Vendor 10203:			0.00	475.00
ACH	10264 15648012 15648012	CalPERs Supplemental Income Plans PR Batch 00003.04.2019 CalPERS 457 % PR Batch 00003.04.2019 CalPERS 457	04/18/2019		48.36 590.00
Total for this ACH C	heck for Vendor 10264:			0.00	638.36
8826	UB*03325	Brandon Bailey Refund Check Refund Check Refund Check Refund Check	04/18/2019		7.87 10.98 96.64 22.91
Total for Check Num	ber 8826:			0.00	138.40
8827	UB*03328	Martina Contreras Refund Check	04/18/2019		86.66
Total for Check Num	ber 8827:			0.00	86.66
8828	UB*03331	Shannon Giles Refund Check Refund Check Refund Check Refund Check	04/18/2019		19.31 49.57 23.50 16.85
Total for Check Num	ber 8828:			0.00	109.23

Check No 8829	Vendor No Invoice No UB*03329	Vendor Name Description Donovan Hall	Check Date Reference 04/18/2019	Void Checks	Check Amount
0027	OB (332)	Refund Check Refund Check Refund Check Refund Check	04/10/2017		65.72 31.49 98.65 22.59
Total for Check Num	nber 8829:			0.00	218.45
8830	UB*03332	Gloria Dorado or Johana Carpio Refund Check Refund Check Refund Check Refund Check	04/18/2019		11.87 8.52 24.77 25.82
Total for Check Num	nber 8830:			0.00	70.98
8831	UB*03327	Eric Milner Refund Check Refund Check Refund Check Refund Check	04/18/2019		24.01 50.63 8.25 11.50
Total for Check Num	nber 8831:			0.00	94.39
8832	UB*03330	Frank Souto Refund Check Refund Check Refund Check Refund Check	04/18/2019		50.16 24.03 17.24 26.87
Total for Check Num	nber 8832:			0.00	118.30
8833	UB*03326	Tatiana Williams Refund Check Refund Check Refund Check Refund Check	04/18/2019		19.25 9.22 180.59 6.62
Total for Check Num	nber 8833:			0.00	215.68
8834	10001 47488 47488 47488 47488 47488 47488 47488 47488 47488 47488 47488 47524 47524	Action True Value Hardware Empty Spray Bottles - ODA 1 Galvan Reducer - Cherry Yard Vault Hitch Pins - Vac Truck White Out/Tape - Unit 5 Paint - ODA 1 Drill Bit - Unit 17 Goof Off/Brush - Remove Graffiti Plastic Sheeting - Middle House Pulley - Booster 21A Exhaust Fan Screws/Washers/Bolts/Nuts - Bed Unit 17 Marking Crayons - Unit 4 Hose Washer/Double Male - Cherry Yard Vault Drive Extensions - Unit 17	04/18/2019		10.32 4.84 0.80 14.85 19.78 6.45 12.69 21.54 10.23 10.87 3.21 7.95
	47524 47524	(4) Echo Heads - Weed eater Rubber Boots - Unit 17			107.71 20.46
Total for Check Num		Raccol Books - Ont 17		0.00	263.54

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
8835	10319 03312019 03312019	ACWA Joint Powers Insurance Authority 2018/2019 3rd Qtr Workers Comp 2018/2019 3rd Qtr Workers Comp Rate Adjustment	04/18/2019		8,540.62 1.23
	03312019	2018/2019 3rd Qtr Workers Comp Rate Adjustment			0.55
	03312019	2018/2019 3rd Qtr Workers Comp Rate Adjustment			0.07
	03312019 April2019	2018/2019 3rd Qtr Workers Comp Rate Adjustment (32) Employee - Employee Assistance Program Apr 2019			1.08 75.20
	April2017	(32) Employee - Employee Assistance Hogram Apr 2017			75.20
Total for Check Nur	mber 8835:			0.00	8,618.75
8836	10695	B-81 Paving Inc	04/18/2019		
	599	(10) Districtwide Repairs - Main Line			14,819.00
	599	(9) Districtwide Repairs - Meter Service Lines			6,032.00
Total for Check Nur	nber 8836:			0.00	20,851.00
8837	10272	Babcock Laboratories Inc	04/18/2019		
0037	BC90418	(15) Coliforms Lab Sample	0 1/10/2019		630.00
	BC90906	(15) Coliforms Lab Sample			42.00
	BC90909	(15) Coliforms Lab Sample			630.00
	BC91746	(15) Coliforms Lab Sample			630.00
	BC92161	(15) Coliforms Lab Sample			630.00
	BC92163	(3) Wells Lab Sample			126.00
	BD90138	(15) Coliforms Lab Sample			630.00
	BD90144	(3) Wells Lab Sample			126.00
	BD90196	(1) Coliforms Lab Sample			42.00
Total for Check Nur	nber 8837:			0.00	3,486.00
8838	10271	Beaumont Ace Home Center	04/18/2019		
	1-Mar	Drill Bits/Washers/Bolts - Roof Well 3			29.94
	1-Mar	Bike Lock - Flag Pole 560 Magnolia			9.16
	1-Mar	Toolbox/Utility Box - Middle House Booster Station			10.21
	1-Mar	Paint - Roof Well 3			16.13
	1-Mar	Pliers Set/Shovel - Unit 17			53.75
	1-Mar	Conduit/Junction/Connector - Transducer - Upper Edgar Tank			83.55
	1-Mar 1-Mar	Bolts/Washers - Roof Well 3 Pop Up Heads - Sprinklers 12th/Palm			6.47 2.68
	1-Mar	(6) Coolers - Sponsor 5K Run			504.21
	1-Mar	Nuts/Sleeves - 12th/Palm			12.84
	1-Mar	Brd Flex - Lube Line Well 19			14.54
	1-Mar	Marking Paint - Stock 12th/Palm			44.11
	1-Mar	2Pk Chlorine - Well 6			27.44
	1-Mar	Rain Suit - Field Staff			59.25
	1-Mar	Mapp Pro Fuel - Water Samples			41.99
	1-Mar	Box of Rags - Unit 17			18.31
	1-Mar	Bolts/Clevis - Well 22			86.16
	1-Mar 1-Mar	Gas Can - Weed Eater			13.46 2.97
	1-Mar 1-Mar	Screws - Security Cameras- Canyon Houses Rebar/Tie Wire - Replacement - 8981 Miravilla Ave			
	1-Mar	Pulley B Belts - Swamp Coolers/Exhaust Fans			56.51 139.15
	1-Mar	Screws - Well 22			8.62
	1-Mar	Power Bits/Screw/Ties - Roof Well 3			49.99
	1-Mar	Sealing Tape - 12th/Palm			8.07
	1-Mar	Stretch Cord - Unit 32			2.25
	1-Mar	Pipe/Cement/Primer/Valves - Water Line Well 22			132.52
	1-Mar	Box of Rags - Unit 5			18.31
	1-Mar	Adapters/Clamp/Tube - Well 6			75.93
	1-Mar	Tube/Coupling - Noble Booster			13.72
	1-Mar	Drill Bits/Bolt - Well 22			33.18
	1-Mar	Disposable Gloves - Unit 33			18.31
	1-Mar	Screws - Districts Sounder			1.71
	1-Mar 1-Mar	Light Bulbs - 560 Magnolia 2.5 Gal Roundup - Weed Control Edgar Canyon			39.86 199.33
	1-Mar	Grinder - Unit 5			78.65
	2 272WE				70.00
Total for Check Nur	mber 8838:			0.00	1,913.28

Check No 8839	Vendor No Invoice No 10557 9251	Vendor Name Description Beaumont Copy & Graphics Banner - Celebrating 100 Years	Check Date Reference 04/18/2019	Void Checks	Check Amount
		Baillet - Celebrating 100 Tears			
Total for Check Num				0.00	96.98
8840	10019 0095043	C R & R Incorporated Monthly Charges 3 YD Commercial Bin April 2019	04/18/2019		263.54
Total for Check Num	nber 8840:			0.00	263.54
8841	10777 INNU-003556	California Conservation Corps (13) Crew For Clean Up - Oak Glen Conservation Camp	04/18/2019		5,720.00
Total for Check Num	nber 8841:			0.00	5,720.00
8842	10774 151123	Jesus Camacho (17) Trucks Washed Apr 2019	04/18/2019		175.00
Total for Check Num	nber 8842:			0.00	175.00
8843	10783 04162019	Cherry Valley Association Community Outreach - 2019 101st Annual Cherry Festival	04/18/2019		250.00
Total for Check Num	nber 8843:			0.00	250.00
8844	10614 25366 25366 25366 25403 25403 25414 25414	Cherry Valley Automotive Freon - OD 67,873 Unit 5 Labor - Charged AC - OD 67,873 Unit 5 Labor - Tire Rotation - OD 67,873 Unit 5 Oil/Filter - OD 18,144 Unit 34 Labor - Changed Oil/Filter - OD 18,144 Unit 34 Labor - Changed Oil/Filter - OD 6,077 Unit 38 Oil/Filter - OD 6,077 Unit 38	04/18/2019		43.10 102.00 35.00 62.27 20.00 20.00 25.53
Total for Check Num	nber 8844:			0.00	307.90
8845	10772 4971	CV Strategies Strategic Communication Services - March 2019	04/18/2019		5,032.50
Total for Check Num	nber 8845:			0.00	5,032.50
8846	10600 04032019	Gaucho Gophers & Landscape Management NCR 1 Rodent Control Mar 2019	04/18/2019		1,000.00
Total for Check Num	nber 8846:			0.00	1,000.00
8847	10780 03292019*	David Hoffman Special Santa Ana Watershed 3/29/19 - D Hoffman	04/18/2019		79.02
Total for Check Num	nber 8847:			0.00	79.02
8848	10052 5010161 6031324 6093575 7022744 7120765 8022623 8022623 8573596 9201905 9562889	Home Depot Credit Services Trash Bags/Wipes/Paper Towels/TP - 560 Magnolia Socket Set - Unit 32 Hole Saws - Well 22 Screws/Washers/Lumber - New Roof Well 22 Labor - Mower - 12th/Palm Box of Rags/ Rubber Gloves - Stock Ratched Bit Driver - Stock Waste Liner/Bulbs - 560 Magnolia Mulch - Replace 10943 Bellflower Faucet/Hose/Union - 10943 Bellflower	04/18/2019		266.25 21.52 45.13 209.97 18.95 107.53 80.66 22.28 10.76 130.66
Total for Check Num	nber 8848:			0.00	913.71

Check No	Vendor No Invoice No 10398	Vendor Name Description Infosend, Inc	Check Date Reference 04/18/2019	Void Checks	Check Amount
0049	151323 151323 151323	Mar 2019 Supply Charges for Utility Billing Mar 2019 Supply Charges for Utility Billing Mar 2019 Postage Charges for Utility Billing	04/18/2019		858.88 726.94 4,119.63
Total for Check Num	ber 8849:			0.00	5,705.45
8850	10273 S1022039.001 S1022039.002 S1022039.002 S1022040.001 S1022040.002 S1022040.003	Inland Water Works Supply Co. (400) Transmitters - Meter Builds - Inventory (100) Transmitter Security Seals for Transmitters (300) Transmitter Security Seals for Transmitters (400) Transmitters - AMR Project - Inventory (100) Security Seals for Transmitters - AMR Project (300) Security Seals for Transmitters - AMR Project	04/18/2019		31,678.50 21.12 63.35 31,678.50 21.11 63.35
Total for Check Num	ber 8850:			0.00	63,525.93
8851	10224 0101129 Apr	Legal Shield Monthly Prepaid Legal for Employees Apr 2019	04/18/2019		282.10
Total for Check Num	ber 8851:			0.00	282.10
8852	10281 42834 42834	Luther's Truck and Equipment Labor - Removed/Install Valve-Air Fittings - Kenworth Dump Truck Valve/Thread Sealant - Kenworth Dump Truck	04/18/2019		236.75 275.53
Total for Check Num	ber 8852:			0.00	512.28
8853	10537 19-410	Joshua McCue Reimbursement DOT Exam - J McCue	04/18/2019		85.00
Total for Check Num	ber 8853:			0.00	85.00
8854	10350 83892 83892 84898 84898 85730	NAPA Auto Parts Safety Mask - Unit 4 Ratchet - Unit 4 Lamp - Light Tower Brake Cleaner - Light Tower Oil Change - Light Tower	04/18/2019		16.16 88.34 7.53 7.54 76.92
Total for Check Num	ber 8854:			0.00	196.49
8855	10196 S1112932.001 S1112932.002 S1113354.001 S1113354.002	National Meter & Automation, Inc (32) 1" Meters With Wire - Inventory (200) 1" Regs With Wire - Inventory (32) 5/8" Meters With Wire - Inventory (200) 1" Regs - Inventory	04/18/2019		7,930.40 17,024.50 7,930.40 17,024.50
Total for Check Num	ber 8855:			0.00	49,909.80
8856	10143 14545	Nobel Systems Inc Annual Lic For Geo Viewer	04/18/2019		19,500.00
Total for Check Num	ber 8856:			0.00	19,500.00
8857	10527 53157614 53206762	OfficeTeam, A Robert Half Company Customer Service Rep Temp Services 3/26-28/2019 Customer Service Rep Temp Services 4/1-4/5 2019	04/18/2019		809.40 1,079.20
Total for Check Num	ber 8857:			0.00	1,888.60

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
8858	10045 R146429 R146430	Pacific Alarm Service Inc Alarm Equip/Rent/Service/Monitor 560 Magnolia Apr 2019 Alarm Equip/Rent/Service/Monitor 11083 Cherry Ave Apr 2019	04/18/2019		368.00 44.50
Total for Check Nu	mber 8858:			0.00	412.50
8859	10056 W52917 W52917 W52917 W52917 W52917 W52917 W52917	RDO Equipment Co. Trust# 80-5800 Labor - JD Backhoe Repair Power Train Diagnostics JD Backhoe Repair Service Accessories Labor - JD Backhoe Repair Replace U-Joints JD Backhoe Repair Replace U-Joints Labor - JD Backhoe Repair Replace Crankshaft Seal Labor - JD Backhoe Repair Replace Belt Tensioner Labor - JD Backhoe Repair Replace Rear U-Joints JD Backhoe Repair Replace Crankshaft Seal	04/18/2019		814.80 133.49 280.00 463.21 1,705.00 70.00 224.00 244.77
Total for Check Nu	mber 8859:			0.00	3,935.27
8860	10223 220977	Richards, Watson & Gershon Legal Services Feb 2019 Board Approval 4/10/19	04/18/2019		2,756.34
Total for Check Nu	mber 8860:			0.00	2,756.34
8861	10095 201903000339	Riverside County Dept of Waste Resources Weeds/Trash Removal NCR I Mar 2019	04/18/2019		24.37
Total for Check Nu	mber 8861:			0.00	24.37
8862	10491 60232	Rogers, Anderson, Malody & Scott, LLP Audit Services for March 2019	04/18/2019		2,200.00
Total for Check Nu	mber 8862:			0.00	2,200.00
8863	10689 168031	Safety Compliance Company Safety Meeting - Ladders Field Staff	04/18/2019		250.00
Total for Check Nu	mber 8863:			0.00	250.00
8864	10602 100568506	Dustin Smith Safety Boots - D Smith	04/18/2019		200.00
Total for Check Nu	mber 8864:			0.00	200.00
8865	10031 3410355169 3410355169 3410355171	Staples Business Advantage Pens/Post its/Dividers/Index Cards - 560 Magnolia Kleenex/Paper Towels - 560 Magnolia Scissors/Cardfiles/Hand Soap - 560 Magnolia	04/18/2019		210.26 74.93 69.57
Total for Check Nu	mber 8865:			0.00	354.76
8866	10447 04162019	State Water Resources Control Board - DWOCP Certificate Renewal Late Notice Fee OP# 25923	04/18/2019		50.00
Total for Check Nu	mber 8866:			0.00	50.00
8867	10768 081280 081280	Totalplan, Inc (2) #1868-YI Ex Stool Adjustable Chair - UB Staff Chair Replacem (1) #1880-YI Aria Ex High Back Chair - UB Staff Chair Replacemen	04/18/2019		924.49 462.25
Total for Check Nu	mber 8867:			0.00	1,386.74

Check No 8868	Vendor No Invoice No 10781	Vendor Name Description Umpqua Bank	Check Date Reference 04/18/2019	Void Checks	Check Amount
	10779	84 Lumber Co (24) Lumber - Roof Well 22 (2) 2x6x16 Lumber - Roof Well 22			761.76 32.17
	10135 10544	Big Time Design (8) Pants - Field Staff (49) Pants - Field Staff Western Municipal Wester District			53.88 915.87
	10344	Western Municipal Water District Annual Notice of Groundwater & Diversion 2018			950.00
Total for Check Numb	per 8868:			0.00	2,713.68
8869	10778 123 123 123 123 123 123 123 123 123 123	Urban Habitat 2650 Pressure Zone Reservoir - Hannon Tank BCVWD Business Office Well Site 2 Well Site 16 2850 Pressure Zone Reservoir - Vineland Tanks 2750 Pressure Zone Reservoir - Cherry Tanks Well Site 22 Well Site 25 Well Site 24 Well Site 29	04/18/2019		780.00 90.00 270.00 300.00 420.00 840.00 420.00 90.00 240.00
	123	Well Site 3			330.00
Total for Check Numb 8870	per 8869: 10116	Verizon Wireless Services LLC	04/18/2019	0.00	3,960.00
8670	9827101575 9827101575	Cell Phone Charges for Mar 2019 iPad Charges for Mar 2019	04/16/2019		120.00 187.56
Total for Check Numb	per 8870:			0.00	307.56
8871	10651 10498 10498	Weldors Supply and Steel, Inc (40) Angle Irons - Well 22 Oxygen Gas - Unit 5	04/18/2019		316.35 26.50
Total for Check Numb	per 8871:			0.00	342.85
8872	10293 127934	Western Dental Services Inc Western Dental Premiums Apr 2019	04/18/2019		136.93
Total for Check Numb	per 8872:			0.00	136.93
8873	UB*03186 112618 112618 112618	Jai Ahn Refund Check Refund Check Refund Check	04/18/2019		2.27 44.34 21.16
Total for Check Numb	per 8873:			0.00	67.77
8874	UB*03037 01082019	Angelo Bagnara Reissue Unclaimed Funds - A Bagnara	04/18/2019		160.31
Total for Check Numb	per 8874:			0.00	160.31
8875	UB*03236	Decao Mao Refund Check	04/18/2019		88.71
Total for Check Numb	per 8875:			0.00	88.71
Total for 4/18/2019:	:			0.00	260,462.79
		Report To	otal (115 checks):	0.00	969,633.71

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AP Checks by Date - Detail by Check Date (4/25/2019 12:07 PM)



Beaumont-Cherry Valley Water District Board of Directors Meeting May 8, 2019

Item 2d

STAFF REPORT

TO: **Board of Directors**

FROM: Dan Jaggers, General Manager

SUBJECT: **Approval of Pending Invoices**

Staff Recommendation

Approve the pending invoice totaling \$5,280.00.

<u>Background</u>
Staff has reviewed the pending invoice and found the services rendered were acceptable to the District.

Fiscal Impact

There is a \$5,280.00 impact to the District which will be paid from the 2019 budget.

Attachment(s)

Richards Watson Gershon Invoice # 221434



T 213.626.8484 F 213.626.0078 Fed. I.D. No. 95-3292015 355 South Grand Avenue 40th Floor Los Angeles, CA 90071-3101

CONFIDENTIAL

This material is subject to the attorney-client privilege and/or attorney work product protection, or otherwise is privileged or confidential. Do not disclose the contents hereof. Do not file with publicly-accessible records.

DAN JAGGERS, GENERAL MANAGER Beaumont- Cherry Valley Water District 560 Magnolia Avenue Beaumont, Ca 92223-2258 April 17, 2019 Invoice # 221434

Re:	GENERAL COUNSEL SERVICES
-----	--------------------------

For professional services rendered through March 31, 2019:

#1	
Current Legal Fees	
TOTAL CURRENT FEES AND COSTS	
Balance Due From Previous Statement	100000
TOTAL BALANCE DUE FOR THIS MATTER	

TERMS: PAYMENT DUE UPON RECEIPT

PLEASE RETURN THIS PAGE WITH YOUR REMITTANCE TO

RICHARDS, WATSON & GERSHON 355 South Grand Avenue, 40th Floor Los Angeles, CA 90071-3101

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BEAUMONT-CHERRY VALLEY WATER DISTRICT MINUTES OF REGULAR MEETING OF THE BOARD OF DIRECTORS

560 Magnolia Avenue, Beaumont, CA 92223 Wednesday, April 10, 2019 at 6:00 p.m.

Call to Order: Vice President Slawson

Vice President Slawson began the meeting at 6:06 p.m.

Pledge of Allegiance: Vice President Slawson

Vice President Slawson led the pledge.

Invocation: Director Hoffman

Director Hoffman gave the invocation.

Roll Call:

Directors present:	Directors Hoffman, Slawson, Williams	
Directors absent:	Covington, Ramirez	
Staff present:	General Manager Dan Jaggers, Director of Finance and Administration Yolanda Rodriguez, Senior Engineer Mark Swanson; Senior Finance and Administrative Analyst Bill Clayton, Assistant Director of Operations James Bean, Administrative Assistant Erica Gonzales	
Legal counsel:	James Markman	

Members of the public who registered their attendance: Fran Flanders, Judy Bingham, Libi Uremovic, David Golkar, Lloyd White, Hisam Baqai.

Public Comment: None.

ACTION ITEMS

1. Adjustments to the Agenda: None.

2. Consent Calendar:

The following Consent Calendar items were approved with one motion:

- a. February 2019 Budget Variance Report
- b. February 28, 2019 Cash/Investment Balance Report
- c. March 2019 Check Register
- d. March 2019 Invoices Pending Approval
- e. Minutes of the Regular Meeting of March 13, 2019

MOVED: Hoffman	SECONDED: Williams	APPROVED 3-0
AYES:	Hoffman, Slawson, Williams	
NOES:	None.	
ABSTAIN:	None.	
ABSENT:	Covington, Ramirez.	

3. Consideration of Request for "Will Serve Letter" for Riverside County Assessor's Parcel No. 401-141-010 located on Avenida Miravilla, Northeast of the Edgar Canyon Road, Avenida Miravilla Intersection in the Community of Cherry Valley

General Manager Jaggers explained the location of this proposed single family residence at the end of the District's service area. Mr. Jaggers responded to questions regarding fire flow from Director Hoffman

The Board approved the Request for "Will Serve Letter" for Riverside County Assessor's Parcel No. 401-141-010 located on Avenida Miravilla, Northeast of Edgar Canyon Road, Avenida Miravilla intersection in the community of Cherry Valley by the following vote:

MOVED: Hoffman	SECONDED: Slawson	APPROVED 3-0
AYES:	Hoffman, Slawson, Williams	
NOES:	None.	
ABSTAIN:	None.	
ABSENT:	Covington, Ramirez.	

4. Consideration of Attendance at the Association of California Water Agencies Annual Spring Conference in Monterey, CA from May 7 – 10, 2019

General Manager Jaggers explained the program and asked if there were directors interested in attending. Director Williams indicated she may be interested.

5. Consideration of Attendance at the Water Education Foundation Bay-Delta Tour 2019 from June 5 – 7, 2019

General Manager Jaggers explained the program which includes a presentation on the Sites Reservoir. He advised that President Covington had expressed interest in attending, and asked if there were additional directors interested in attending. Directors Williams, Hoffman and Slawson indicated interest in attending, noting the topics are timely and important.

The Board approved attendance and director per diem for up to four directors to attend the Water Education Foundation Bay-Delta Tour 2019 from June 5-7, 2019 by the following vote:

MOVED: Williams	SECONDED: Hoffman	APPROVED 3-0
AYES:	Hoffman, Slawson, Williams	
NOES:	None.	
ABSTAIN:	None.	
ABSENT:	Covington, Ramirez.	

6. Consideration of Support for Assembly Constitutional Amendment (ACA) 1 (Aguiar-Curry): Local Government Financing

Director of Finance and Administration Yolanda Rodriguez presented a draft letter of support and advised that the California Special Districts Association had requested support of ACA 1.

The Board approved the execution of the letter of support for ACA 1 by the following vote:

MOVED: Hoffman	SECONDED: Williams	APPROVED 3-0
AYES:	Hoffman, Slawson, Williams	
NOES:	None.	
ABSTAIN:	None.	
ABSENT:	Covington, Ramirez.	

7. Consideration of Granting an Exception to the District's Purchasing Policy for the Well 25 East Wall Construction Project

General Manager Jaggers explained that the wall project was advertised for bid, but none were received. Staff is asking for Board approval of variance from the purchasing policy to allow informal bids, as the estimate exceeds the General Manager's purchasing limit.

The Board tabled this item to a future meeting by the following vote:

MOVED: Hoffman	SECONDED: Slawson	APPROVED 3-0
AYES:	Hoffman, Slawson, Williams	
NOES:	None.	
ABSTAIN:	None.	
ABSENT:	Covington, Ramirez.	

8. Discussion regarding the Water Supply Assessment for TTM 31570 – Legacy Highlands Development Project located south of Highway 60 and west of Beaumont Ave (Highway 79)

Vice President Slawson called on Ms. Judy Bingham for public comment. Ms. Bingham expressed opposition to the project and concern for fire safety.

General Manager Jaggers explained the District has worked with the developer for several years to develop a satisfactory assessment. The development consists of 1,107 single family residential units and other uses, he indicated. The water use has been reduced from prior plans.

Senior Engineer Mark Swanson explained the Districts' understanding of the project history and gave additional detail. The Water Supply Assessment is prepared in compliance with SB 221 and SB 610, he said. The project initially came before the BCWVD in 1988, but was conditioned upon the availability of supplemental State Water Project Water. In 2007, BCVWD provided correspondence to the developer indicating cooperation with multiple agencies but no commitment of water supply was made.

In 2009, the Beaumont City Council rescinded all prior project approvals. Counsel Markman pointed out this was likely in response to a writ of the court, and indicated the California Environmental Quality Act (CEQA) process would begin anew. In June 2012, the developer submitted a Supplement to Water Supply Assessment Report, and submitted a Revised Supplement in May 2016. Mr. Jaggers explained that over that four-year period, there was communication between BCVWD and the developer, but there was no resolution to the water issue. Since that time, the San Gorgonio Pass Water Agency began pursuing supplemental water supply and the Sites Reservoir project is a possibility. Not all the needs are met, Jaggers stated, but the outlook for long-term activities is more positive.

Mr. Swanson continued. In January 2019, the developer requested BCWVD to prepare a Water Supply Assessment for the project. General Manager Jaggers explained the impetus for the WSA and noted the various water supply projections: secured, leased and current supplies with recycled water, and unsecured supply. No action is required by the Board at this time, he said.

Director Williams asked about the developer's requests for annexation; Mr. Swanson explained the process. Mr. Markman reiterated that the developer must re-start the land use process.

Vice President Slawson called on Ms. Libi Uremovic for public comment. Ms. Uremovic pointed out the water supply is based on two sources – the Sites Reservoir which has been "a fantasy since the 60s," and the availability of recycled water which has been talked about since the 1990s. She suggested the City may not be able to provide recycled water. Mr. Jaggers explained the District is following the letter of the law in this process.

Mr. Hisam Baqai spoke on behalf of the developer. He advised the Board that the WSA is incomplete because there are wells on the property and enumerated other considerations that the developer would like to present to the District to potentially be included in the WSA.

9. Discussion regarding the Draft Cooperative Agreement for Beaumont Master Drainage Plan Line 16

General Manager Jaggers introduced the item. Senior Engineer Mark Swanson gave an overview of the cooperative agreement between Beaumont-Cherry Valley Water District (BCVWD) and Riverside County Flood Control and Water Conservation District (RCFCWCD) for development of a storm water capture project to capture high quality storm water for recharge at BCVWD's Noble Creek Recharge Facility - Phase II Ponds (NCRF - PH II). This was presented to the Board at the Regular Meeting of July 12, 2017 and a brief update was given at the October 10, 2018 Regular Meeting.

The project cost is to be shared 50/50 between BCVWD and RCFCWCD. Due to the Holy Fire cleanup, RCFCWCD has been focused on other projects but has recently brought back Line 16 to the District, explained Swanson. RCFCWCD staff has identified two items of concern with the cooperative agreement. Mr. Swanson pointed out:

1. Page 4, Section I.7 (District Obligations): The payment participation schedule proposed by RCFCWCD required 100 percent of BCVWD's project cost share

payment contribution at construction start. BCVWD would prefer to provide its share of costs over the following proposed payment schedule: 40 percent payable at construction start, 40 percent payable at (or near) 35 percent completion, and 20 percent at (or near) 75 percent completion. The Board concurred with staff's recommendation.

2. Page 7, Section II.7 (BCVWD Obligations): This item concerned BCVWD's ability to participate in the change order approval process as the project advanced. To ensure BCVWD supports and approves any possible project change orders prior to encumbering BCVWD with additional project cost, the RCFCWCD will work closely with BCVWD's inspector, and the RCFCWCD inspector will communicate all issues with the construction contractor.

Mr. Jaggers indicated that Board approval of the agreement will be necessary, and recommended use of a design consultant to expedite completion of the work.

10. Discussion regarding Well 22 Site Design and Landscaping Options

General Manager Jaggers explained options and necessary activities at the site. Assistant Director of Operations James Bean added detailed information.

The Board approved the following Well 22 site landscaping activities:

- 1. Leave the existing chain link fence and ivy in place for approximately 12 to 18 months
- 2. Install new irrigation equipment to support existing perimeter ivy
- 3. Extend drip irrigation to the south and east street frontage areas on Oak Valley Parkway and Michigan Avenue
- 4. Install drought tolerant plants and decorative decomposed granite surfacing on south and east street frontage areas
- 5. Eradicate weeds and spread and compact new Class II Base on top of existing gravel within the interior yard of the Well 22 Site Facility
- 6. Review the Well 22 site in 2020 for an update and discussion on the condition of the improvements and performance of the maintenance activities

by the following vote:

MOVED: Williams	SECONDED: Slawson	APPROVED 3-0
AYES:	Hoffman, Slawson, Williams	
NOES:	None.	
ABSTAIN:	None.	
ABSENT:	Covington, Ramirez.	

11. Update and Discussion regarding California Water Conditions as of April 4, 2019

Mr. Jaggers noted the state is well above average for precipitation and snowpack in 2019. Reservoirs across the state are full, he said. The State Water Project allocations have been increased to 70 percent. He noted that the SGPWA has reported loss of 4,000 acre-feet from its storage in the San Luis Reservoir.

12. Discussion regarding SGPWA 2019 Water Supply Outlook, Rate Study, Capacity Fee Study, Tax Based Funding and SGPWA Schedule of Activities

General Manager Jaggers reported that the District would have had 14,030 acrefeet, but lost 4,000 from the San Luis Reservoir (a value of approximately \$4 million). Approximately 1,500 AF remains stored in San Luis. Jaggers reiterated the importance of the turnout enlargement project in order to accept water deliveries.

13. Discussion of Office Space Opportunities

General Manager Jaggers reminded the Board that there is no available space remaining in the Magnolia office building. Senior Engineer Swanson briefed the Board on an option for 1,350 square feet of lease space.

The Board approved the negotiation of lease terms for 851 E. 6th Street, Beaumont, CA with review by legal counsel and authorized the General Manager to execute a lease by the following vote:

MOVED: Hoffman	SECONDED: Williams	APPROVED 3-0
AYES:	Hoffman, Slawson, Williams	
NOES:	None.	
ABSTAIN:	None.	
ABSENT:	Covington, Ramirez.	

14. Update: Well 3 Rehab Activities and Progress

General Manager Jaggers gave a brief update.

15. Reports For Discussion

a. Ad Hoc Committees:

2x2 Recycled Water Committee: Director Slawson and Director Hoffman gave a brief report. General Manager Jaggers indicated that a joint City Council – Board of Directors meeting would be scheduled prior to the Engineering Workshop on April 25, 2019 at 6 p.m. to discuss the recycled water agreement.

b. General Manager:

Mr. Jaggers reiterated the loss of 4,000 AF of water from the San Luis reservoir, and the State Water Project allocation increase to 70 percent.

Jaggers explained production numbers and noted that maintenance activities have been completed at Well 19. He advised the Board of a leak situation apparently caused by SGPWA construction activities in the area of the Noble Creek turnout. He expects this will be considered a construction defect and repair will be covered by the contractor.

c. Directors' Reports:

Director Williams reported on the One Water, One Watershed strategies update. Director Hoffman reported on District finances.

VP Slawson and GM Jaggers reported on the San Gorgonio Pass Regional Water Alliance.

d. Legal Counsel Report: None.

16. Announcements

Vice President Slawson read the following announcements:

- Special Meeting with the Beaumont City Council: April 25 at 6 p.m.
- Engineering Workshop: April 25, 2019 at 7:00 p.m.
- Collaborative Agencies Committee meeting: May 1, 2019 at 5:00 p.m. (Location: Beaumont-Cherry Valley Recreation and Park District – Noble Creek Community Center, 390 W. Oak Valley Pkwy)
- Finance and Audit Committee meeting: May 2, 2019 at 3:00 p.m.
- Regular Board Meeting: May 8, 2019 at 6:00 p.m.
- Personnel Committee Meeting: May 20, 2019 at 5:30 p.m.
- Beaumont Basin Watermaster Committee Meeting: June 5, 2019 at 10:00 a.m.
- Personnel Committee meeting: July 22, 2019 at 5:30 p.m.

17. Action List for Future Meetings

Water supply for BCVWD and the region

18. Adjourned to Closed Session: 8:34 p.m.

- a. CONFERENCE WITH LEGAL COUNSEL EXISTING LITIGATION
 Pursuant to Government Code Section 54956.9(d)(1)

 San Timoteo Watershed Management Authority v. City of Banning, et. al., Riverside County Superior Court Case No. RIC 389197
- b. CONFERENCE WITH LEGAL COUNSEL POTENTIAL LITIGATION Pursuant to Government Code Section 54956.9(d)(4)
 One Case

Reconvene in Open Session: 8:53 p.m.

Report on Action Taken During Closed Session:

There was no reportable action taken.

19.	Ad	iournn	nent:	8:54	p.m.
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	ATTEST:
DRAFT UNTIL APPROVED	DRAFT UNTIL APPROVED
Director John Covington, President to the Board of Directors of the	Director Andy Ramirez, Secretary to the Board of Directors of the
Beaumont-Cherry Valley Water District	Beaumont-Cherry Valley Water District



BEAUMONT-CHERRY VALLEY WATER DISTRICT MINUTES OF SPECIAL JOINT MEETING OF THE BCVWD BOARD OF DIRECTORS AND THE CITY OF BEAUMONT CITY COUNCIL 560 Magnolia Avenue, Beaumont, CA 92223 Thursday, April 25, 2019 at 6:00 p.m.

Call to Order: President Covington

President Covington began the meeting at 6:03 p.m.

Pledge of Allegiance: Director Hoffman

Director Hoffman led the Pledge of Allegiance.

Roll Call:

BCVWD Directors	President Covington	
present:	Directors Hoffman, Slawson, Williams, Ramirez	
Directors absent:	None	
City Council	Mayor Julio Martinez	
members present:	Nancy Carroll, Mike Lara, Lloyd White	
Council absent:	Santos	
Staff present:	General Manager Dan Jaggers City Manager Todd Parton	
	BCVWD: Director of Finance and Administration Yolanda Rodriguez, Senior Engineer Mark Swanson, Administrative Assistant Erica Gonzales	
	City: Community Services Director Elizabeth Gibbs, Deputy City Clerk Nicole Wheelwright	
Legal Counsel	BCVWD – James Markman	

Members of the public who registered attendance: Libi Uremovic and Judy Bingham.

Public Comment:

Ms. Judy Bingham expressed opposition to the MOU between the BCVWD and the City. She noted there was supposed to be no charge from the City to the District for recycled water per an agreement for unlimited Will Serve Letters for the City.

Ms. Libi Uremovic pointed out this will be the third contract between the City and the District for recycled water. She suggested inclusion of a "breach of contract" clause to protect the District and suggested that Title 22 standards will not be able to be met.

President Covington thanked the members of the 2x2 Recycled Water Ad Hoc Committee for their work on the draft Memorandum of Understanding (MOU), and the City of Beaumont City Council for meeting with the District Board of Directors.

This MOU is the start of the process, President Covington noted, and said he expects additional meetings will take place to finalize the MOU.

ACTION ITEMS

 Discussion and Consideration of a Recycled Water Memorandum of Understanding between Beaumont- Cherry Valley Water District and the City of Beaumont

BCVWD General Manager Dan Jaggers introduced the draft Memorandum of Understanding. Legal Counsel from both the City and the District have examined the document, Jaggers said, and he pointed to redline versions distributed to the attendees.

Mr. Jaggers indicated the intent is to implement recycled water to the community, and to create a closed loop system to keep it in this community to have beneficial use now and in the future.

The treatment plant sewer rate has a cost center that will treat water to Title 22 standards and meet discharge requirements. Additional facilities will need to be constructed by the District, and the City will need to provide some facilities plus operations and maintenance to the point of delivery. This work must be paid for, and costs must be recovered, Jaggers explained.

This MOU sets the stage for working together to achieve the goals for local water supplies and community benefit.

Councilman White gave some background on the MOU contents. Mr. Jaggers described some tasks to be completed including a rate study, and gave some background on water supply and current demand.

Councilman Lara pointed out that the BCVWD boundaries and sphere of influence include areas outside the City, specifically Cherry Valley, and noted concern about recycled water served outside city limits. Mr. Jaggers noted there are no large land developments planned in Cherry Valley and it may or may not be feasible to deliver recycled water there. President Covington pointed out that the agreement is tied to the Beaumont Basin adjudication. Jaggers added that recycled water will need to be in compliance with any requirements of the adjudication and the Beaumont Basin Watermaster.

Director Ramirez asked about treatment capacity. Mr. Jaggers explained the City of Beaumont wastewater treatment plant upgrade expects a capacity of 6 million gallons per day, with up to 8 million gallons at build out. He noted the State requirements to reduce water use to 50 gallons per person per day by 2030, with resultant penalties on the water district if goals are not met.

City Manager Parton explained the City's wastewater master plan and further detailed capacity and plant operations.

CM Parton detailed the City's role and responsibilities. President Covington asked about terms regarding shared maximum benefit objectives in the discharge plan, and any shifting of responsibility to the District. Mr. Jaggers indicated this issue is being addressed, and Mr. Parton assured it would be tracked by the City.

CM Parton continued, describing charges and fees as related to operational costs. Director Hoffman asked for clarification of sewer service charges. CM Parton explained the costs of taking the flow and treating it as effluent was covered in sewer charges; not covered is further treatment to Title 22 standards, and delivery.

CM Parton noted the City will be doing a rate study to analyze costs including capital costs. A Proposition 218 process may be required. BCVWD Legal Counsel Markman clarified the components of the City's costs.

Director Hoffman urged staff to keep costs down for the benefit of all. GM Jaggers noted that the District's facilities fee includes a recycled water component which will be evaluated as part of the rate and impact fee study. He encouraged development of a strategic plan and described the District's related facilities in planning and costs involved. Jaggers explained costs and pass throughs to be considered in the recycled water rate.

President Covington indicated there appears to be no opposition to the MOU from either the District or the City, and suggested it be finalized by CM Parton. He asked about timing for action on the contract and delivery of recycled water. Counsel Markman pointed to the legal language of the MOU: either party may terminate the agreement on 90 days' notice, and this is a "march forward" type of contract which is not intended to have ratepayers or taxpayers pay for both sides of a conflict, he said. It cannot be breached, he said.

GM Jaggers noted the target date is spring of 2020, but the District does not yet have a design for the booster station. Counsel Markman suggested that given the calculations needed, the timeline be extended to two years; Parton suggested 18 months or completion of the infrastructure.

Parton said he anticipates the MOU to come before the City Council on May 21.

Director Williams requested the City provide recycled water quality reports to the District regularly rather than upon request.

2. Adjournment

President Covington adjourned the meeting at 7:37 p.m.

DRAFT UNTIL APPROVED

Director John Covington, President to the Board of Directors of the Beaumont-Cherry Valley Water District

ATTEST:

DRAFT UNTIL APPROVED

Director Andy Ramirez, Secretary to the Board of Directors of the Beaumont-Cherry Valley Water District



BEAUMONT-CHERRY VALLEY WATER DISTRICT MINUTES OF REGULAR MEETING – ENGINEERING WORKSHOP OF THE BOARD OF DIRECTORS

560 Magnolia Avenue, Beaumont, CA 92223 Thursday, April 25, 2019 at 7:00 p.m. (or immediately following the Special Meeting)

Call to Order: President Covington

President Covington began the meeting at 7:47 p.m.

Director Williams led the Pledge of Allegiance

Invocation was given by Director Ramirez

Roll Call:

Directors present:	Covington, Hoffman, Ramirez, Slawson, Williams
Directors absent:	None
Staff present:	General Manager Dan Jaggers, Director of Finance and Administrative Services Yolanda Rodriguez, Senior Engineer Mark Swanson, Administrative Assistant Erica Gonzales

Members of the public who registered their attendance: Dr. Blair Ball.

Public Comment: None.

1. Continued Discussion and Consideration of Granting an Exception to the District's Purchasing Policy for the Well 25 East Wall Construction Project (Tabled from April 10, 2019)

General Manager Jaggers explained the Well 25 wall location and situation. Staff released an RFP but received no bids. In follow up with two contractors, staff was advised that the contractors believed the project was too small to go through the bid process. Staff now requests Board approval for an exception to the Purchasing Policy to solicit informal bids and authorize the General Manager to enter into a contract above the GM's current spending limit.

The Board approved an exception to the District's Policies and Procedures Manual, Part III, Section B - Purchasing to allow informal solicitation of bids for the Well 25 East Wall Construction Project and authorized the General Manager to enter into a Contract not to exceed \$51,900 with the lowest qualified bidder by the following vote:

MOVED: Ramirez	SECONDED: Slawson	APPROVED 5-0
AYES:	Covington, Hoffman, Ramirez,	Slawson, Williams
NOES:	None.	
ABSTAIN:	None.	
ABSENT:	None.	

2. Discussion regarding SGPWA Water Rate Established by Resolution 2019-02 adopted on April 15, 2019

General Manager Jaggers advised the Board that the San Gorgonio Pass Water Agency recently passed a resolution raising the imported water rate from \$317 per acre-foot (AF) to \$399 per AF, which burdens the BCVWD. To continue to replenish the Basin this year, Jaggers said, results in a half million dollars in added costs. If BCVWD decides not to alter the water order placed for 2019, the additional cost is approximately \$1 million

Director Hoffman commented that BCVWD staff added good information to the discussion at the SGPWA meeting. This rate is for one year and will be reassessed, Hoffman added.

Mr. Jaggers added that there was a significant amount of work done on this, and President Covington concurred, adding that this outcome is "disheartening."

3. Discussion regarding SGPWA Proposed Capacity Fee

This item was tabled.

4. Discussion regarding SGPWA EBX Noble Creek Turnout Expansion Update

General Manager Jaggers provided an update on the project.

5. Discussion regarding SGPWA 2019 Water Supply Outlook, BCVWD Delivery Schedule and Delivery Options

This item was tabled.

6. Discussion regarding Proposals Received for the Rate Fee Study Solicited by BCVWD, Published on March 4, 2019 and Received on April 16, 2019

Director of Finance and Administrative Services Yolanda Rodriguez advised the Board that four proposals were received. She shared a timeline for the project. In response to President Covington, Ms. Rodriguez explained the study will allow the District to make decisions for the next five years. Mr. Jaggers added the study will consider recycled water rates, conservation rates and other regular fees and charges considering changed costs.

Director Ramirez noted that tiered rates may penalize some residents and said he would like to see in the presentation how new housing will be paying their proper share for the water expansion required to serve them. He said he believes it is possible to sustain the lowest water rates possible while keeping clean water without having adverse effects. Ms. Rodriguez assured that the goal is to keep rates as low as possible.

President Covington noted that water rates will be mostly impacted by decisions made at the San Gorgonio Pass Water Agency. Mr. Jaggers reminded that the

SGPWA rate increase cannot be passed through to ratepayers until BCVWD completes the rate study and the Proposition 218 process.

President Covington pointed out that the rates adopted in 2010 expired in 2015, so the District is five years in arrears with water rates.

7. Discussion and Consideration of Approval of Necessary Additional Repair and Improvement Work for Well 3

General Manager Jaggers reminded the Board that Well 3 was discussed at the last meeting. He further updated the Board on maintenance issues with Well 3 and identified further work necessary to bring the well back online.

Mr. Jaggers explained the additional work required includes replacement of all down-hole equipment, extension of the pump casing and pedestal to comply with Department of Water Resources standards, and extension of electrical motor leads. Director Ramirez asked about well performance and noted it is an important well.

President Covington questioned some expenses and the need for chemical treatment. He pointed out that the \$232,298 requested includes some unknowns but seems high.

The Board authorized an amendment to the contract with Legend Pump & Well Services, Inc. (Legend), previously approved on February 28, 2019 in the amount of \$68,075, and authorized additional expenditures for necessary repair and improvements for Well 3 and related facilities in the total amount not-to-exceed \$232,298 by the following vote:

MOVED: Slawson	SECONDED: Hoffman APPROVED 5-0						
AYES:	Covington, Hoffman, Ramirez, Slawson, Williams						
NOES:	None.						
ABSTAIN:	None.						
ABSENT:	None.						

8. Discussion regarding the Water Supply Assessment for Legacy Highlands Development Project located south of Highway 60 and west of Beaumont Avenue (Highway 79)

This item was tabled at the request of the applicant.

9. Update: Landscape Contract with Urban Habitat

This item was tabled.

10. Update: Status of District Wells, Capital Improvements, and Engineering Projects

President Covington referred the Board members to the information in the packet.

11. Update: Legislative Action and Issues Affecting BCVWD

President Covington referred the Board members to the information in the packet.

12. Topics for Future Meetings

None.

13. Announcements

President Covington read the following announcements:

- Collaborative Agencies Committee meeting: May 1, 2019 at 5:00 p.m.
- Finance and Audit Committee meeting: May 2, 2019 at 3:00 p.m.
- Regular Board Meeting: May 8, 2019 at 6:00 p.m.
- Personnel Committee Meeting: May 20, 2019 at 5:30 p.m. (no meeting on May 27)
- Engineering Workshop: May 23, 2019 at 6:00 p.m.
- Beaumont Basin Watermaster Committee Meeting: June 5, 2019 at 10:00 a.m.
- Water Education Foundation Bay Delta Tour: June 5 7, 2019

14. Adjournment

President Covington adjourned the meeting at 8:30 p.m.

	ATTEST:
DRAFT UNTIL APPROVED	DRAFT UNTIL APPROVED
Director John Covington, President	Director Andy Ramirez, Secretary
to the Board of Directors of the	to the Board of Directors of the
Beaumont-Cherry Valley Water District	Beaumont-Cherry Valley Water District



Beaumont-Cherry Valley Water District Regular Board Meeting May 8, 2019

Item 3

STAFF REPORT

TO: Board of Directors

FROM: Dan Jaggers, General Manager

SUBJECT: Consideration of a Professional Services Agreement with Raftelis Financial

Consultants, Inc. for the Beaumont-Cherry Valley Water District 2019 Water Rate and Fee Study update and Request for Budget Amendment in the amount

of \$113,651

Staff Recommendation

- 1. Authorize the General Manager to execute a Professional Services Agreement with Raftelis Financial Consultants, Inc. (Raftelis) for the Beaumont-Cherry Valley Water District 2019 Water Rate and Fee Study update in an amount not to exceed \$97,077.
- 2. Amend the FY 2019 budget to authorize and appropriate funds in the amount of \$97,077 for completion of the Rate Study by Raftelis and \$16,574 for District costs associated with Proposition 218 compliance for a total of \$113,651.

Background

The District must fix and establish such prices, rates, and charges so as to at all times ensure adequate revenues to cover operating, maintenance, debt service and other required expenses to properly operate and maintain the water system. The District's most recent five-year rate increase plan was implemented in 2010. Now being more than five years without an increase, the District is overdue for a rate and fee analysis and has new rate component(s) to consider as well as ensuring upcoming legislation related to conservation (AB 1668 and SB 606) is addressed.

The determination of rates and fees requires a detailed financial and rate analysis process in order to create a sustainable financial plan, an optimal rate structure based on policy objectives, and to ensure compliance with Proposition 218. Proposition 218 is a state law that limits the methods by which local governments can create or increase taxes, fees and charges.

Due to recent and continuing changes in costs to deliver water to District customers, costs associated with the Ten Year Capital Improvement Plan, changes in laws governing water and other concerns, it is necessary to ensure that charges reflect current costs as well as projections of future costs. The Board of Directors has emphasized that rates remain as low as possible while still providing clean water to the District's customers.

Many District expenses have increased over the past five years, including the cost of electricity and operating costs. The most significant cost increase, however, appears to be the price of imported water which is necessary to replenish the Beaumont Basin as agreed in the stipulated judgment that created the Beaumont Basin Watermaster. On April 15, 2019, the San Gorgonio Pass Water Agency (SGPWA) increased the price of imported water from \$317 per acre-foot to \$399 per acre-foot. This cost plus potential additional SGPWA costs will be a major driver of water rate increases in the next five-year plan.



Funding for the Water Rate and Fee Study update was not included in the FY 2019 budget. The General Manager reported to the Board the increase in SGPWA imported water rates, and the Board directed staff to initiate a comprehensive water rate and fee study and analysis. In March, in anticipation of SGPWA action to increase the imported water rate, the District released a Request for Proposal for preparation of said study.

The firms that responded to the Request for Proposals were Raftelis, Willdan, Bartle Wells Associates, and Black and Veatch.

Analysis

The proposals were evaluated independently by a District Selection Committee of four (4) staff members based on the proposals' Technical Scope of Services, without the review of proposed project cost. Said technical evaluation criterion were based on demonstrated understanding of work and services, scope of work and methodology, qualifications and experience of proposed staff, and work experience with other agencies. Raw technical scores identified Raftelis as the highest rated technical proposer. Once the cost was reviewed, analyzed and included in the scoring analysis, Raftelis remained the highest rated proposer. In addition, Raftelis provided the most comprehensive and versatile proposal, fully addressing the District's needs within the proposal while providing appropriate hours to address staff understanding and training regarding the Rate Study and associated analysis.

Staff finalized review of the consultant proposals and identified a preliminary recommendation and subsequently interviewed consultants and verified work quality with provided references.

Based upon staff review and analysis set forth on Attachment 1, staff recommends the Board authorize the General Manager to negotiate and execute a contract with Raftelis Financial Consultants for the water rate and fee study.

Table 1 – Proposed Costs

Proposed Consultant Cost of Service (Raftelis)		\$ 88,252
10 % Contingency		\$ 8,825
	Subtotal	\$ 97,077
Estimated BCVWD Costs Associated with Prop 218 Compliance (Printing, Po	ostage	
at \$.80 per meter)		\$ 15,067
10 % Contingency		\$ 1,507
	Subtotal	\$ 16,574
	TOTAL	\$ 113,651

Table 1, above, sets forth a cost analysis of total project costs, including estimated costs for printing and postage fees for Proposition 218 requirements.



Summary

Raftelis was selected for recommendation to the Board due to a high level of technical expertise, assigned staff members who have both financial and engineering expertise, their extensive experience providing municipal water rate studies and capital plans, and the level of service (hours) staff identified as likely to be required to complete the project.

Fiscal Impact

The cost of the 2019 Water Rate and Fee Study, including Proposition 218 requirements, is not to exceed \$113,651: \$97,077 for a Professional Services Agreement with Raftelis and \$16,574 for District costs associated with Proposition 218 compliance.

The Beaumont-Cherry Valley Water District 2019 Water Rate and Fee Study update was not included in the FY 2019 budget and requires a budget amendment and allocation.

Staff requests an amendment to the FY 2019 budget and appropriation of \$113,651 for FY 2019 Budget line items 01-30-310-580036 Other Professional Services in the amount of \$97,077 and 01-50-510-550060 Public Education / Community Outreach in the amount of \$16,574.

Attachments

- 1. BCVWD Proposal Evaluation Results 2019 Water Rate Fee Study
- 2. Request For Proposals
- 3. Recommended Consultant Services Proposal

Report prepared Lynda Kerney, Administrative Assistant



Beaumont-Cherry Valley Water District Regular Board Meeting May 8, 2019

Item 3

ATTACHMENT 1 – BCVWD Proposal Evaluation Results – 2019 Water Rate Fee Study

Table 4A

			Technical Weight	75	Cost Weight	25							Technical Weight	75	Cost Weight	25			
The Description of the Descripti		Black & Veatch	20.0	32.6	\$72,320	326	7	10.3	42.9	ore	ore	Black & Veatch (4)	20.0	32.6	\$105,000	336 + (?)	7	7.1	39.7
	Technical and Cost - Baseline Weighted Score	Bartle Wells Assoc.	32.3	52.6	\$43,150	140	8	17.3	6.69	Table 4B	Technical and Cost - All Costs Considered - Weighted Score	Bartle Wells Assoc. (3)	32.3	52.6	\$43,150	140	8	17.3	6.69
	Technical and Cost -	Willdan	34.5	56.3	\$29,910	185	9	25.0	81.3	Ta	chnical and Cost - All Cos	Willdan (2) (5)	34.5	56.3	\$44,977	185	9	16.6	72.9
		Raftelis	46.0	75.0	\$74,476	322	13	10.0	85.0		Te	Raftelis (1)	46.0	75.0	\$88,252	386	15	8.5	83.5
			Technical Score	Proposal Weighted Score	Cost	Hours	Number of Meetings	Cost Weighted Score	Total Weighted Score				Technical Score	Proposal Weighted Score	Cost	Hours	Number of Meetings	Cost Weighted Score	Total Weighted Score

Footnotes:

- Cost includes \$13,776 (64 additional hours) as an option to perform Budget Based Rate Analysis
- Cost includes \$0.80 per parcel to develop materials, create a parcel database of properties subject to new proposed rates, and coordinate printing and mailing of materials (1)
- Budget Based Rate Analysis identified in Phase 4.3.5
- Cost includes \$32,680 (hours not provided) as an option to perform Budget Based Rate Analysis (3)
 - Scope and Fee does not appear to reflect Budget Based Rate Analysis



Beaumont-Cherry Valley Water District

Request for Proposals

PROFESSIONAL SERVICES FOR WATER RATE FEE STUDY

Beaumont-Cherry Valley Water District 560 Magnolia Ave, Beaumont, California 92223 (951) 845-9581

RFP Posting Date
March 4, 2019

RFP Due Date
April 16, 2019
At 4:00 P.M.

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Purpose

The Beaumont-Cherry Valley Water District (District) is soliciting proposals from qualified consulting firms to prepare a multi-year water rate, pass-through recycled water rate fee study that adequately and equitably funds the District's water operations and supply needs, while minimizing rate fluctuations and encouraging conservation. Said Rate Study shall include addressing existing and proposed District pass-through charges for imported water supplies, Southern California Edison electrical charges and upcoming recycled water supplies. Rate study shall also determine feasibility and implementation of a drought surcharge rate.

The selected consultant shall perform the tasks specified in the Scope of Services section of this Request for Proposal (RFP).

The consultant is encouraged to suggest additions or modifications to the Scope of Service that will enhance or clarify the study and the suggestions should be incorporated into the proposal. To facilitate review of proposals, please identify these additions or modifications as separate items both in the Task Descriptions and the Cost Proposal.

Proposals should be submitted to Yolanda Rodriguez, Director of Finance and Administrative Services, based upon the requirements and conditions set forth in this RFP.

Submittals

Proposals are due no later than 4:00 p.m. on April 16, 2019, and must be <u>received</u> by that time and date. Proposal postmark dates and times will not be considered as meeting that deadline. Proposers must send six (6) bound copies of the proposal, one (1) unbound copy, and one (1) separately sealed fee proposal envelope to the address shown below:

Yolanda Rodriguez, Director of Finance and Administrative Services Beaumont-Cherry Valley Water District 560 Magnolia Avenue Beaumont, CA 92223 (951) 845-9581 yolanda.rodriguez@bcvwd.org

The District is not responsible for proposals that are delinquent, lost, mismarked, and sent to an address other than that given above, or sent by mail or courier service. The District reserves the right, after opening the proposals, to reject any or all proposals, or to accept the proposal that in its sole judgment and discretion is in the best interest of the District.

Intent

It is the intent of these specifications, terms and conditions to describe the Water Rate and Fee Cost of Service Study required by the District.

The intent of the Study is to:

Independently analyze and assess the District's current water rate structure

- Determine an updated cost of service, which includes:
 - o Rate provisions that will promote water conservation and
 - Immediately recover the costs associated with water supply and delivery
- Provide recommendations for equitable, sustainable cost recovery

Proposals should provide a straightforward and concise presentation adequate to satisfy the requirements of the RFP. Emphasis should be on completeness and clarity of contents. Responsiveness to the RFP will be a principal basis for evaluation.

Background

The District supplies residential, commercial and irrigation customers through over 18,000 connections. The District currently has three sources of water: the Beaumont Basin Storage Unit, Edgar Canyon and State Water Project water and anticipates a new Recycled Water Source of Supply which will be purchased from the City of Beaumont. The State Water Project water is purchased from San Gorgonio Pass Water Agency (SGPWA). The District last updated its water rates in July 2010 and is currently undergoing a facility fees study, having last updated facility fees in July 2007. The current rate structure can be found on the District's website www.bcvwd.org (under Customer Service – Important Documents – Rules and Regulations – Part 5 Charges) and Exhibit B of this RFP.

The SGPWA is currently undergoing its own rate study, and any adjustments must be considered during the BCVWD's rate study.

Objective

The consultant shall review the District's Capital Improvement Plan and Master Plan of Facilities, current and forecasted operating expenses, water conservation mandates and other information and develop a rate structure which will provide the necessary funds to produce local water supplies, maintain existing Facilities and construct new Facilities, purchase imported water supplies and purchase recycled water and properly operate and maintain the system and achieve maximum water conservation.

Elements

In making its rate structure recommendations, the final report shall explicitly include the following elements and analysis:

- Current Rate Structure: Assess the current rate structure's performance as a baseline for comparing recommended changes as well as the San Gorgonio Pass Water Agency's passthrough imported water cost, Southern California Edison electrical pass-through cost, and the City of Beaumont's new pass-through recycled water costs.
- 2) Equity: Assess the equity of recommended water rates for all customer classes.
- 3) Assess the interaction between possible water conservation elements of the recommended rates and their impacts on the ability to fund water operations.

- 4) Environmental Regulation: The study shall include an assessment of the revenue stream generated by the recommended rates and their ability to continue to fully fund water system costs under the impacts of future water quality and statutory regulations and standards.
- 5) Water Budgets: Assess the effectiveness of a rate structure constructed around water budgets based on household population, both standard and seasonal, with and without rolling credits.
- 6) Performance Assessment: Provide a comprehensive summary of recommended rate structure(s) and an assessment of the performance of the recommended structure(s) against the current rate structure and the City of Beaumont's pass-through recycled water costs.
- 7) Electronic Rate Model: Provided an easy-to-use electronic rate model for the District to utilize to analyze future rate setting proposals.

Scope of Services Requested

- 1) Collect information and provide a survey of the rates and fees charged by other neighboring Riverside and San Bernardino County water agencies.
- 2) Determine the current and projected water and recycled water revenue for the next five years.
- 3. Determine the current and projected water and recycled water costs based on current use and the San Gorgonio Pass Water Agency imported water pass-through costs, and the City of Beaumont's recycled water pass-through costs.
- 4. Develop water and recycled water pass-through rate/fee structures to enable the District to recover costs equitably and in compliance with Prop 218.
- 5. Develop modifications to the District's Rules and Regulations to address water and recycled water rates fee issues.
- 6. Provide sufficient information and the necessary findings to help the District determine the appropriate water pass-through rates for imported water, SCE energy costs, and recycled water pass-through costs, and related fees to ensure annual water sales and pass-through revenues to cover the District's annual operating and capital expenses.
- Analyze cost and revenue data provided by the District obtained from the use of available systems and information. Work with staff to identify any additional information to support the rate structures or proposals.
- 8. Develop revenue requirement for the base calendar year and subsequent four years for a total of five years.
- 9. Analyze current revenue and cost data to estimate the relative reliability of rate forecasts for the base calendar year and subsequent four years for a total of five years.
- 10. Prepare a long-range rate forecast spanning ten years based on the Capital Improvement Plan and anticipated development, along with other influencing factors.
- 11. Identify reserve requirements for operations and maintenance and capital programs, and recommend appropriate target reserve levels.
- 12. Review the District's current water rate and fee structure as it applied to various customer classes such as commercial and residential. Recommend a policy on the application of the

- various rates and fees to help encourage conservation considering the needs of each customer class. Secure approval from the District on the approach.
- 13. Evaluate and recommend a rate structure that address possible water conservation pricing, tiered rates, and drought surcharges.
- 14. Based on the approved approach, review, analyze, and develop rates applicable to different customer classifications. The current categories should be evaluated to determine if they should be continued or modified.
- 15. Review, analyze, and develop rates applicable to basic fixed costs and variable costs associated with level of water consumption throughout the year, include potential water pass-through costs (imported water, energy, and Recycled water).
- 16. Evaluate possible conservation rate structures such as additional rate blocks and marginal cost pricing.
- 17. The recommended rate structure must consider and make provisions for the following factors:
 - a. Projected water and recycled water demands;
 - b. Cash flow under normal reduced (drought conditions) pumping scenarios;
 - c. Cost of providing water in accordance with standards and regulations both current and projected;
 - d. Funding requirements for current and projected long-term liabilities and debt obligations;
 - e. Age and condition of the water system and the need to fully fund capital improvements, infrastructure replacement, recycled water distribution infrastructure;
 - f. Impact of current and future environmental regulations;
 - g. Conservation efforts; and
 - h. New Engineering, Operations and Maintenance Facilities.
- 18. The recommended rate structure shall be easy for District customers to understand and reasonable to implement and administer. Consideration should be given to the existing District billing system capabilities.
- 19. An easy to use electronic rate model shall be developed and training to allow staff to fully understand how the model operates and how the results of various future recommendations that may be proposed can be illustrated shall be provided.
- 20. Review and evaluate other fees such as water meter fees, late payment fees, damaged meter fees, etc.
- 21. Prepare a presentation to the public and the Board of Directors (Board) of the recommended rate structure. Present the final report and recommended rate structures to the Board and the public at a public hearing held at a Regular Board or Special Meeting.
- 22. Develop and draft a District ordinance to address water rate issues.
- 23. Assist the District in the preparation of the "Proposition 218" notice.
- 24. Meet with the Board, community groups, and building industry groups during the study to secure their input. Assume a total of three (3) meetings.

Proposal Content

The Beaumont-Cherry Valley Water District requires the proposer to submit a concise proposal clearly addressing all of the requirements outlined in this RFP. Proposals must include, at a minimum, the following sections *in the order indicated:*

- 1) <u>Information Page</u> Include project name, name of firm submitting the proposal, contact information for the person that will act as project leader including name, title, address, telephone and fax numbers and email address.
- 2) <u>Description of Study Understanding</u> Outline of the proposer's understanding of the study and summarizing the basic approach to the rate study and revenue program.
- 3) <u>Methodology</u> Descriptions which enable the Beaumont-Cherry Valley Water District to assess the proposer's capability to conduct this study in a structured and efficient fashion.
- 4) <u>Scope of Services Requested</u> Details with specific task descriptions to demonstrate that the proposer has considered all aspects of the study and that the proposer will cover them thoroughly.
- 5) <u>Schedule</u> Provide a schedule, preferably in the form of a bar or Gantt chart, showing each task and identifying project milestones such as deliverable submittals, workshops and public meetings.
- 6) <u>Personnel</u> Resumes of the individual(s) assigned to the study and other staff personnel proposed to support this study. Particular attention should be given to the proposer's organization which provides internal service for supporting the study team, and facilitates quality assurance auditing of the study work. Clearly identify the specific experience of the individuals in performing rate studies for retail water agencies.
- 7) <u>Qualifications</u> Description of the organization, covering background experience connected with water rate studies, impact fee studies, as well as other rate studies and revenue programs.
- 8) Representative Study Descriptions and Client References Submit descriptions of similar assignments which were conducted by the proposer, including other agency's contact name and telephone number.
- 9) Cost Estimates of Consulting Fee Each proposal shall include a cost estimate for providing services. The fee estimate shall be broken down by task and shall include the personnel hours for each major labor category the proposer deems appropriate along with any other job-related other direct costs. Provide a billing rate schedule. Cost estimates shall be placed in a separate sealed envelope on which is written:

RFP Cost Estimate
Beaumont-Cherry Valley Water District – Water Rate and Fee Study
(Name of your firm)
(Date)

Selection Process

The following is an outline of the procedures the District intends to use in the selection process:

- 1) Selection Committee shall include, at a minimum, the Senior Engineer, Director of Finance and Administrative Services, and General Manager, and other staff as required.
- 2) Selection Committee reviews the proposals submitted by the prospective consultants.
- 3) Selection Committee selects proposals which qualify based on a minimum of the following factors:
 - a. Declaration/Affirmative Statement
 - i. Provide an affirmative statement that the firm does not have a conflict of interest relative to conducting the proposed study.
 - ii. Describe any current and past relationships involving the District, its Directors, and its employees with a statement explaining why the relationship does not constitute a conflict of interest relative to conducting the proposed study.

b. Qualifications of the Firm

- i. Identify the size of your firm and the location of the office from which the work will be conducted. Explain the experience of the firm and project manager and assigned team in preparing water rate studies, development of rate structures, development of financing scenarios, preparation of revenue programs, and preparation of and training in a computerized rate model.
- ii. Provide a list of consulting experience performed for agencies similar in type and size of the District, and give a representative list of types of local, state and federal entities that you currently serve and have served in the last 5 years.

c. Qualification of Professional Staff

- i. Identify the engagement partners, managers, and other staff members who would be assigned to conduct the study and indicate their qualifications.
- ii. Engagement partners, managers, other supervisory staff and specialists may be changed if those personnel leave the firm, are promoted or are assigned to another office. These personnel may also be changed for other reasons with the express prior written permission of the District. However, in either case, the District retains the right to approve or reject replacements. Other personnel may be changed at the discretion of the firm provided that replacements have substantially the same or better qualifications or experience.

d. Study Approach

i. The proposal shall set forth a tentative work plan, including an explanation of the methodologies to be followed to perform the services required of this proposal and describe and identify any special techniques or suggestions that would result in a better finished product. In developing the work plan, reference should be made to such sources of information as the District's budget and related materials, financial statements, and utility data.

- ii. The proposal shall provide a listing of the records and documentation that would be expected of the District to provide.
- iii. The proposal shall describe the schedule for the project on a task by task basis.
- e. Once Items 3a. b., and c. are completed the Selection Committee will review the cost estimate of the Consulting Fee as part of the selection process.
- 4) Negotiations will take place with the firm that best serves the needs of the District at the most reasonable cost as determined by the District at its sole judgment and discretion, based on the Proposal, which will include the final scope of work, the final contract proposal, and the proposal price. If a contract cannot be negotiated for this study, the negotiations with the designated consultant shall be terminated in writing and negotiations shall be started with the next highest rated consultant.
- 5) The selected firm will be notified of the final approval of the contract by the Board of Directors.
- 6) Firms not selected will be notified following the approval of the contract by the Board of Directors.

Evaluation Criteria

The Beaumont-Cherry Valley Water District intends to engage the most qualified consultant available for this assignment as determined based on its sole judgment and discretion. It is imperative the consultant's proposal fully address all aspects of the RFP. It must provide the District's staff and Directors with clearly expressed information concerning the consultant's understanding of the Beaumont-Cherry Valley Water District's specific requirements, which would result in the conduct of this study in a thorough and efficient manner.

In addition to the qualifying criteria listed above, the following criteria shall be used in evaluation of the proposer's offer of services:

- 1) Consultant experience in providing financial consulting services on studies of similar scope for water rate studies.
- 2) Project manager and their team's experience in conducting assignments of similar scope.
- 3) Methodology to be employed in conducting the study.
- 4) Proposer's support organization and in-house quality control and quality assurance methods.
- 5) Proposal clarity in expressing the understanding of the Beaumont-Cherry Valley Water District needs and in defining a work plan for satisfying those needs.
- 6) Schedule compatibility with Beaumont-Cherry Valley Water District needs.
- 7) Availability to work with District staff.
- 8) Cost Estimate of the Consulting Fee.

Discretion and Liability Waiver

All materials submitted in response to this RFP shall be considered the property of the District. Respondents will not be compensated for any expenses incurred in the process for responding to this RFP, or, if requested, in submitting further information or appearing for an interview.

The District reserves the right to reject any or all proposals, to waive informalities and minor irregularities in the proposals received, to discuss proposal details with respondents, and to accept other than the lowest bid proposal.

The Beaumont-Cherry Valley Water District reserves the right, without qualification, in its sole judgment and discretion, to:

- Select any proposal as a basis for written or oral communication with any or all of the proposers when such action is considered to be in the best interest of the Beaumont-Cherry Valley Water District;
- 2) Select proposals, based on initial proposals received, without discussion or after detailed discussions or contract negotiations;
- 3) Reject any and all proposals;
- 4) To re-issue this RFP with or without change or modification, at any time prior to the District's execution of a Professional Services Agreement pursuant to this RFP;
- 5) To cancel this RFP with or without issuing another request for proposals;
- 6) To supplement, amend, substitute or otherwise modify this RFP at any time prior to the District's execution of a Professional Services Agreement pursuant to this RFP;
- 7) To waive informality, defect, non-responsiveness and/or deviation from this RFP that is not, in the District's sole judgment, material to the proposal;
- 8) To request modification of some or all of the proposals following evaluation by the District;
- 9) To request clarifications of any proposals;
- 10) To negotiate simultaneously, or otherwise, with one or more Respondents; and
- 11) To discontinue and resume negotiations with one or more Respondents.

Tentative Project Schedule

TASK DESCRIPTION	<u>DEADLINE</u>
Issue RFP	March 4, 2019
Questions Due	March 18, 2019
Responses to Questions distributed/posted	March 25, 2019
Proposals Due	April 16, 2019
Interview with Finalists (if needed)	April 23-25, 2019
Final negotiation of Scope of Services and Fee	April 30 – May 2, 2019
Schedule for selected Consultant	
Contract Recommendation and Preparation	May 8, 2019
for District Board approval	
Kick-off Meeting at BCVWD	May 20, 2019
Consultant Begins Data Collection	May 27, 2019
Consultant Completes Data Collection	July 29, 2019
Consultant Delivers Draft Report	August 26, 2019
District Staff Review/Comment on Draft	September 9, 2019
Submission of Final Report	September 30, 2019
Training for District Staff on Excel Rate Model	October 7, 2019
Public Meeting: Oral Presentation to Public	October 24, 2019
and District Board in a Regular Workshop	

Professional Service Agreement and Insurance Requirements:

The chosen firm/consultant will be required to maintain insurance coverage throughout the course of the Professional Services Agreement and shall provide the District with evidence of said coverage as set forth in the Professional Services Agreement. Please review contract language and insurance requirements prior to submitting proposal and note any proposed exceptions to the Agreement tenets in your proposal. The Professional Services Agreement is attached: Exhibit A.

EXHIBIT "A"

AGREEMENT BETWEEN BEAUMONT-CHERRY VALLEY WATER DISTRICT AND CONSULTANT FOR PROFESSIONAL SERVICES

This Agreement made and entered into this	_ day of, 2019, by and between
BEAUMONT-CHERRY VALLEY WATER DIST	RICT, a California Irrigation (Special) District,
hereinafter referred to as DISTRICT, and (Consultant)	, hereinafter referred to as CONSULTANT.
<u>DISTRICT</u> :	CONSULTANT:
Beaumont-Cherry Valley Water District P.O. Box 2037 560 Magnolia Avenue Beaumont, CA 92223	
Fax: (951) 845 0159	Fax
1 a.k. (731) 643 6137	rax
Attention: Dan Jaggers, General Manager	Attention:

Witnesseth that in consideration of the mutual promises as hereinafter contained, the parties do mutually agree as follows:

1. SCOPE OF SERVICES

CONSULTANT shall furnish all labor, materials, equipment, and supplies and shall perform all work necessary or incidental to performing project services for DISTRICT. The project services are generally described as (Description of Services Rendered) for the (Project Proposal), as described in Request for Proposal: "CONSULTANT Services and Fees". Such services shall be performed by CONSULTANT as an independent contractor.

2. GENERAL CONDITIONS

This Agreement contains the entire Agreement between DISTRICT and CONSULTANT relating to the project and the provision of services to the project. Any prior agreements, promises, negotiations, or representations not expressly set forth in this Agreement are of no force or effect. Subsequent modifications to this Agreement shall be in writing and signed by both DISTRICT and CONSULTANT.

DISTRICT and CONSULTANT agree to cooperate with each other in order to fulfill their responsibilities and obligations under this Agreement. Both DISTRICT and CONSULTANT shall endeavor to maintain good working relationships among members of the project team.

3. TERM OF AGREEMENT

The term of this Agreement shall be from the date this Agreement is made and entered, as first written above, until terminated as provided herein. CONSULTANT recognizes that the services required by the DISTRICT are dependent upon the timely performance of CONSULTANT's services. Specific periods of time for rendering services or specific dates by which services are to be completed are outlined in "CONSULTANT Services and Fees", Attachment I.

4. COMPENSATION

CONSULTANT shall be compensated for services performed under this Agreement in accordance with "CONSULTANT Services and Fees", included in Attachment I. Payment for services shall be computed upon the basis of the actual services provided. The amounts in Attachment I shall not be exceeded without DISTRICT's prior written authorization.

5. INVOICING AND PAYMENT

CONSULTANT shall invoice DISTRICT for services performed and DISTRICT will pay CONSULTANT within sixty (60) days of receipt of invoice.

6. OWNERSHIP OF PRODUCT

CONSULTANT agrees that all data and information generated in the performance of this Agreement and data and information which are specified to be delivered or which are, in fact, delivered pursuant to this Agreement shall be and remain the sole property of DISTRICT.

CONSULTANT shall deliver all data and information to DISTRICT upon request and in any event upon the completion of all services hereunder or the termination or expiration hereof, whichever shall first occur, and shall be fully responsible for the care and protection thereof until such delivery. Except as otherwise provided in this Agreement, said documents shall be delivered to DISTRICT without additional cost to DISTRICT.

7. STANDARDS AND LIABILITY

The services provided by CONSULTANT under this Agreement, including findings, recommendations, and professional advice, shall be based on practices and procedures customary in CONSULTANT'S profession. CONSULTANT asserts that it will employ the current standard of care in performing its services.

8. SUBCONTRACTING

Performance of this Agreement may not be subcontracted in whole or in part without the prior written consent of DISTRICT.

9. SUCCESSORS AND ASSIGNS

This Agreement is to be binding on the heirs, successors, and assignees of the parties hereto, but is not to be assigned by either party without first obtaining the written consent of the other party hereto.

10. CHANGES

DISTRICT, within the general scope of this Agreement may, at any time, by written notice to CONSULTANT, issue additional instructions, require additional services, or direct the omission of services covered by this Agreement. In such event, an equitable adjustment in fee and/or term will be made, provided any claim for such an adjustment is made within thirty (30) days of the receipt of said written notice.

11. TERMINATION

This Agreement may be terminated in whole or part in writing by either party in the event of substantial failure by the other party in fulfilling its obligations under this Agreement, through no fault of the terminating party: Provided, that no such termination may be effected unless the other party is given (1) at least fourteen (14) calendar days written notice (delivered by certified mail, return receipt requested) of intent to terminate, itemizing the reasons therefor, and (2) an opportunity to consult with the terminating party prior to termination to establish a reasonable period to fulfill its obligations.

If during the term of this Agreement, DISTRICT determines that the CONSULTANT is not faithfully abiding by any term or condition contained herein, DISTRICT may notify CONSULTANT in writing of such defect or failure to perform, giving CONSULTANT a fourteen (14) day notice thereafter in which to perform said specified services or cure specified deficiencies. If CONSULTANT has not performed specified services or cured specified deficiencies within the time specified, such shall constitute a breach of this Agreement, and DISTRICT may, by written notice to CONSULTANT, terminate immediately this Agreement. Thereafter, neither party shall have any further duties, obligations, responsibilities, or rights under this Agreement. In said event, CONSULTANT shall be entitled to the reasonable value of its services performed from the beginning of the period in which the breach occurs up to the day it received DISTRICT's notice of termination, less any amounts for damages to DISTRICT from such breach. In no event, however, shall CONSULTANT be entitled to receive in excess of the total compensation set forth in Attachment I.

12. INDEPENDENCE OF DISTRICT

CONSULTANT shall perform services in accordance with the terms and conditions of this Agreement as an independent contractor and shall be responsible for the means and methods used in performing services under this Agreement.

13. LEGAL REQUIREMENTS

CONSULTANT shall secure all licenses or permits required by law and shall comply with all ordinances, laws, orders, rules, and regulations pertaining to its services hereunder.

14. LAWS AND VENUE

This agreement shall be interpreted in accordance with the laws of the State of California. If any action is brought to interpret or enforce any term of this agreement, the action shall be brought in a state or federal court situated in the County of Riverside, State of California.

15. INSURANCE

CONSULTANT agrees and shall submit evidence to DISTRICT before beginning services under this Agreement that CONSULTANT has procured and shall maintain Comprehensive General

Liability, Comprehensive Automobile Liability, and Professional Liability insurance coverage, with limits at or above those described below; Workers' Compensation and Employer's Liability insurance will be procured and maintained as required by the laws of the State of California. Any insurance on a "claims made" basis shall be maintained for at least three (3) years after completion of the services.

Prior to commencement of services, CONSULTANT shall provide DISTRICT with certificates of insurance evidencing required insurance coverages. Such certificates shall be issued by insurance carrier(s) acceptable to DISTRICT and shall be endorsed to include: (1) DISTRICT as additional insured on the Comprehensive General Liability Policy; (2) waiver of subrogation against DISTRICT on the Workers Compensation Policy; and (3) thirty (30) days prior written notice of cancellation or material change in any of the coverages.

MINIMUM REQUIRED INSURANCE

Workers Compensation - Statutory

Employer's Liability - \$1,000,000 each accident

- \$1,000,000 each employee - \$1,000,000 policy limit

2. Comprehensive General & Contractual Liability

Bodily Injury } - \$1,000,000 per occurrence

Property Damage - \$1,000,000 in the aggregate

Personal Injury, with employment - \$1,000,000 in the aggregate

exclusion deleted

3. Comprehensive Automobile Liability for all owned (private and others), hired and non-owned vehicles

Bodily Injury } - \$1,000,000 per occurrence Property Damage - \$1,000,000 in the aggregate

4. Professional Liability - \$1,000,000 per claim

- \$1,000,000 in the aggregate

In the event CONSULTANT fails to obtain or maintain any insurance coverage required under this Agreement, DISTRICT may terminate this Agreement for cause.

16. INDEMNIFICATION AND HOLD HARMLESS

CONSULTANT agrees to indemnify and hold harmless DISTRICT, its officers, agents, and employees from claims attributed to CONSULTANT's negligent acts, errors, or omissions. DISTRICT agrees to indemnify and hold harmless CONSULTANT, its officers, agents, and employees from claims attributed to DISTRICT's negligent acts, errors, or omissions.

17. DISPUTE RESOLUTION

In an effort to resolve any conflicts that arise during design or construction of the project or following completion of the project, DISTRICT and CONSULTANT agree that all disputes between them arising out of or relating to this Agreement shall be submitted to nonbinding mediation unless the parties mutually agree otherwise.

In the event the parties are unable to reach settlement, all claims, counterclaims, disputes, and other matters in question between the parties hereto arising out of or relating to this Agreement, or the breach thereof, shall be decided by arbitration in accordance with the rules of the American Arbitration Association. Notice of demand of arbitration must be filed in writing with the other parties to this Agreement and the American Arbitration Association. The demand must be made within a reasonable time after the parties conclude that they are unable to reach settlement. The award rendered by the arbitrator shall be final, judgment may be entered upon in any court having jurisdiction thereof, and shall not be subject to modification or appeal except to the extent permitted by Sections 10 and 11 of the Federal Arbitration Act (9 U.S.C. 10 & 11).

		ATTEST:
	(Consultant- Name)	_
By:		Secretary
	Signature & Title	_
	Printed Name:	
	BEAUMONT-CHERRY VALLEY	
	WATER DISTRICT	
By:		

Dan Jaggers General Manager

IN WITNESS WHEREOF, each of the parties has caused this Agreement to be executed on the day and

year first above written.

EXHIBIT "B" BCVWD Existing Rate Structure and Regulations Governing Water Service PART 5 CHARGES.

Beaumont-Cherry Valley Water District

Revenue Rates Last Ten Years

	Charges for Water Used (per ccf)									
Fiscal Year	Single-Family	Residential	Multi-Family F	Residential	Commercial	Landeaana	Agricultural	Construction		
riscal fear	Tier 1	Tier 2	Tier 1	Tier 2	/ Fire	Landscape	Irrigation	Construction		
2008	0.84	0.84	0.84	0.84	0.84	0.84	0.47	1.61		
2009	0.84	0.84	0.84	0.84	0.84	0.84	0.47	1.61		
2010	0.80	0.88	0.80	0.82	0.82	0.96	0.84	0.96		
2011	0.91	1.00	0.91	0.93	0.94	1.09	0.96	1.09		
2012	0.96	1.05	0.96	0.98	0.99	1.15	1.01	1.15		
2013	0.96	1.05	0.96	0.98	0.99	1.15	1.01	1.15		
2014	0.96	1.05	0.96	0.98	0.99	1.15	1.01	1.15		
2015	0.96	1.05	0.96	0.98	0.99	1.15	1.01	1.15		
2016	0.96	1.05	0.96	0.98	0.99	1.15	1.01	1.15		
2017	0.96	1.05	0.96	0.98	0.99	1.15	1.01	1.15		

	Domestic Service Charge (bi-monthly)												
Fiscal Year	5/8"		3/4"	1"	1.5"	2"	2" 3"		6"	8"	10"	12"	
2008	\$	12.00	17.25	28.00	54.00	85.00	158.00	262.00	522.00	834.00	1,198.00	2,238.00	
2009	\$	12.00	17.25	28.00	54.00	85.00	158.00	262.00	522.00	834.00	1,198.00	2,238.00	
2010	\$	15.00	22.50	37.50	75.01	120.01	240.02	375.03	750.05	1,200.08	1,725.12	2,325.16	
2011	\$	17.04	25.56	42.61	85.21	136.34	272.67	426.05	852.10	1,363.36	1,959.83	2,641.51	
2012	\$	18.01	27.02	45.03	90.08	144.09	288.18	450.28	900.55	1,440.88	2,071.27	2,791.71	
2013	\$	18.01	27.02	45.03	90.08	144.09	288.18	450.28	900.55	1,440.88	2,071.27	2,791.71	
2014	\$	18.01	27.02	45.03	90.08	144.09	288.18	450.28	900.55	1,440.88	2,071.27	2,791.71	
2015	\$	18.01	27.02	45.03	90.08	144.09	288.18	450.28	900.55	1,440.88	2,071.27	2,791.71	
2016	\$	18.01	27.02	45.03	90.08	144.09	288.18	450.28	900.55	1,440.88	2,071.27	2,791.71	
2017	\$	18.01	27.02	45.03	90.08	144.09	288.18	450.28	900.55	1,440.88	2,071.27	2,791.71	

Customers by Type Last Ten Years

Fiscal Year	Single Family Residential	Multi-Family Residential	Commercial	Industrial	Landscape Irrigation	Agricultural Irrigation	Other	Totals
2008	10,603	96	354	20	46	72	-	11,191
2009	11,143	99	432	22	282	77	-	12,055
2010	12,578	114	453	23	286	82	-	13,536
2011	13,921	122	494	26	288	84	-	14,935
2012	14,388	130	507	26	297	86	-	15,434
2013	14,981	140	536	31	311	89	-	16,088
2014	15,436	140	540	31	314	90	1	16,552
2015	15,860	140	546	31	321	90	2	16,990
2016	16,222	141	560	31	326	89	1	17,370
2017	16,768	141	631	31	337	88	1	17,997

PART5 CHARGES

5-1 SERVICE CHARGE:

5-1.2 GENERAL PROVISIONS:

- **5-1.1.1 DOMESTIC** For all metered service connections located within or outside the boundaries of the District, a bimonthly charge for domestic water service will consist of a service charge (base rate or minimum bill) plus a charge for water used.
- **5-1.1.2 SCHEDULE IRRIGATION** A charge for distribution of scheduled irrigation water through permanently set meters, transferable meters, sprinkler systems shall be determined from time to time on a schedule prepared by the Board.
- **5-1.1.3 DOMESTIC IRRIGATION** A charge for distribution of domestic irrigation water through established domestic service connection, or in some other fashion, will be determined as set forth in Part 13 of these regulations.
- **5-1.1.4 MULTIPLE RESIDENTIAL** Where a premises containing multiple residential housing units is served by one (1) meter or service connection, every living units (dwelling units) will be equal to two-thirds (2/3) of domestic service charge.
- **5-1.1.5 MULTIPLE COMMERCIAL** Where a premises containing multiple commercial units is served by one (1) meter or service connection, every two (1) commercial units will be equal to two-thirds (2/3) of commercial service charge.

5-1.2 FIXED WATER CHARGE

DOMESTIC SERVICE CHARGE:

	Effective	Effective	Effective	Effective	Effective	Effective
Meter Size	7/1/2010	1/1/2011	1/1/2012	1/1/2013	1/1/2014	1/1/2015
5/8"	\$15.00	\$17.04	\$18.01	\$18.01	\$18.01	\$18.01
3/4"	\$22.50	\$25.56	\$27.02	\$27.02	\$27.02	\$27.02
1"	\$37.50	\$42.61	\$45.03	\$45.03	\$45.03	\$45.03
1-1/2"	\$75.01	\$85.21	\$90.06	\$90.06	\$90.06	\$90.06
2"	\$120.01	\$136.34	\$144.09	\$144.09	\$144.09	\$144.09
3"	\$240.02	\$272.67	\$288.18	\$288.18	\$288.18	\$288.18
4"	\$375.03	\$426.05	\$450.28	\$450.28	\$450.28	\$450.28
6"	\$750.05	\$852.10	\$900.55	\$900.55	\$900.55	\$900.55
8"	\$1,200.08	\$1,363.36	\$1,440.88	\$1,440.88	\$1,440.88	\$1,440.88
10"	\$1,725.12	\$1,959.83	\$2,071.27	\$2,071.27	\$2,071.27	\$2,071.27
12"	\$2,325.16	\$2,641.51	\$2,791.71	\$2,791.71	\$2,791.71	\$2,791.71

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MULTIPLE RESIDENTIAL SERVICE CHARGE:

Charge to be determined as set forth in 5-1.1.4 above or by meter size, whichever is greater.

COMMERCIAL SERVICE CHARGE:

	Effective	Effective	Effective	Effective	Effective	Effective
Meter Size	7/1/2010	1/1/2011	1/1/2012	1/1/2013	1/1/2014	1/1/2015
5/8"	\$15.00	\$17.04	\$18.01	\$18.01	\$18.01	\$18.01
3/4"	\$22.50	\$25.56	\$27.02	\$27.02	\$27.02	\$27.02
1"	\$37.50	\$42.61	\$45.03	\$45.03	\$45.03	\$45.03
1-1/2"	\$75.01	\$85.21	\$90.06	\$90.06	\$90.06	\$90.06
2"	\$120.01	\$136.34	\$144.09	\$144.09	\$144.09	\$144.09
3"	\$240.02	\$272.67	\$288.18	\$288.18	\$288.18	\$288.18
4"	\$375.03	\$426.05	\$450.28	\$450.28	\$450.28	\$450.28
6"	\$750.05	\$852.10	\$900.55	\$900.55	\$900.55	\$900.55
8"	\$1,200.08	\$1,363.36	\$1,440.88	\$1,440.88	\$1,440.88	\$1,440.88
10"	\$1,725.12	\$1,959.83	\$2,071.27	\$2,071.27	\$2,071.27	\$2,071.27
12"	\$2,325.16	\$2,641.51	\$2,791.71	\$2,791.71	\$2,791.71	\$2,791.71

MULTIPLE COMMERCIAL SERVICE CHARGE:

Charge to be determined as set forth in 5-1.1.5 above or by meter size, whichever is greater.

OUTSIDE SERVICE CHARGE:

1)	5/8"	\$24.00
2)	3/4"	\$34.50
3)	1"	\$56.00
4)	1 1/2"	\$108.00
5)	2"	\$170.00
6)	3"	\$316.00
7)	4"	\$524.00
8)	6"	\$1044.00
9)	8"	\$1,668.00
10)	10"	\$2,396.00
11)	12"	\$4,476.00

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PRIVATE FIRE SERVICE CHARGES:

	Effective	Effective	Effective	Effective	Effective	Effective
Meter Size	7/1/10	1/1/11	1/1/12	1/1/13	1/1/14	1/1/15
4 "	\$42.59	\$44.30	\$46.07	\$47.91	\$49.83	\$51.82
6 "	\$123.73	\$128.68	\$133.82	\$139.18	\$144.74	\$150.53
8 "	\$263.67	\$274.21	\$285.18	\$296.59	\$308.45	\$320.79
10 "	\$474.16	\$493.13	\$512.85	\$533.37	\$554.70	\$576.89
12 "	\$765.90	\$796.54	\$828.40	\$861.54	\$896.00	\$931.84

5-1.2.1 GENERAL PROVISIONS – When service is started or discontinued during the month, the charge will be determined as follows:

- 1) Permanent Service Connection:
 - a) For service connections started after the 1st day of the billing period, the service charge will be pro-rated.
 - b) For service connections discontinued within the billing period, the service charge will be pro-rated.
- 2) Temporary Service Connection The charge shall be determined on a schedule prepared by the Board.

5-1.3 CHARGE FOR WATER USED (Quantitative):

	Effective	Effective	Effective	Effective	Effective	Effective
Description	7/1/10	1/1/11	1/1/12	1/1/13	1/1/14	1/1/15
Domestic (Single -Family Resident	ial)					
Block 1 Rate (0-44 ccf)	\$0.80	\$0.91	\$0.96	\$0.96	\$0.96	\$0.96
Block 2 Rate (45+ ccf)	\$0.88	\$1.00	\$1.05	\$1.05	\$1.05	\$1.05
Multi-Family Residential						
Block 1 Rate (0-35 ccf)	\$0.80	\$0.91	\$0.96	\$0.96	\$0.96	\$0.96
Block 2 Rate (36+ ccf)	\$0.82	\$0.93	\$0.98	\$0.98	\$0.98	\$0.98
C mmercial/Fire Service	\$0.82	\$0.94	\$0.99	\$0.99	\$0.99	\$0.99
M ıltiple Commercial	\$0.82	\$0.94	\$0.99	\$0.99	\$0.99	\$0.99
L ndscape	\$0.96	\$1.09	\$1.15	\$1.15	\$1.15	\$1.15
S :hedule Irrigation	\$0.84	\$0.96	\$1.01	\$1.01	\$1.01	\$1.01
C instruction	\$0.96	\$1.09	\$1.15	\$1.15	\$1.15	\$1.15

5-1.3.1 SCE POWER CHARGE – Is the cost of electricity to pump and deliver water to the end user (home owner/water user). It includes all SCE charges for operation of pumps and wells in the water system. Beaumont Cherry Valley Water District uses SCE Time of Use (off peak) rates to limit the cost to the water user.

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- **5-1.3.2 State Project Water** The cost to the end user (Rate Payer) for imported water supplies to offset existing groundwater overdraft not to exceed the actual State Water Project Water costs incurred by the District. **NOTE:** Groundwater Overdraft occurs when more water is pumped out of the groundwater system than that that is naturally replaced.
- **5-1.2.3 ESTIMATING WATER USAGE** Where the District is unable to read a meter, if meter is damaged or is not operational, the water usage will be determined on the basis of past bi-monthly meter readings or it will be estimated as described below.
 - 1) The average meter reading for the four (4) preceding months; or
 - 2) An estimate of water delivered based either upon the consumer's prior use during the same season of the year or upon a reasonable comparison with the use of other consumers receiving the same class of service during the same period and under similar circumstances and conditions.
- **5-1.4 MINIMUM CLOSING BILL** The closing bill will be based upon charges applicable on the date service is discontinued.
- **5-2 WATER SERVICE INSTALLATION CHARGE –** The charges for the installation of a service connection at all locations are determined from time to time by the Board of Directors and a schedule of those charges are listed below:

METER SIZE	NON-TRACT (Short Side)	NON-TRACT (Long Side)	IN-TRACT
5/8" X 3/4"	\$4,783	\$8,213	\$986
3/4"	\$4,845	\$8,159	\$1,048
1"	\$4,862	\$8,292	\$1,082
1-1/2"	\$5,587	\$9,503	\$784
2"	\$5,780	\$9,580	\$977

Larger than 2" meters will be billed on a time and material basis.

Tract installation are lower as water service has previously been installed by the developer.

The charge is for physical installation of meter, box, lateral, and appurtenances and is determined from time to time by the Board of Directors.

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5-2.1 TURN-ON – There is no charge to turn on a service connection for which proper application has been made and approved if the turn-on can be made after 8:00 a.m. and before 3:30 p.m.

The charge for any authorized turn-on made after 3:30 p.m. and before 8:00 a.m. will be on a time and material basis.

The charge for an unauthorized turn-on will be on a time and material basis.

5-2.2 FIRE SERVICE INSTALLATION DEPOSIT:

Fire hydrant installation deposit:

- Installation Deposit \$10,000 (No Change)

Fire Service Installation deposit:

-	4" Fire Service	\$8,930
-	6" Fire Service	\$10,600
-	8" Fire Service	\$15,900
-	10" Fire Service	\$27,500
-	12" Fire Service	\$31,300

Fire service installation will be installed by the District at the consumer's request and shall be installed at a time and material basis. Additional billing and/or credits will be issued following installation and acceptance of the installation.

5-2 BACKFLOW ADMINISTRATIVE CHARGE – A service connection with a backflow preventive device installed is subject to a bi-monthly charge of \$6.67, equivalent to \$40 per year.

5-5 FACILITIES CHARGE:

5-5.1 SCHEDULES

5-5.1.1 SINGLE FAMILY RESIDENTIAL – Includes condominiums, townhouses and planned residential developments. The facilities fee is \$10,122 per equivalent dwelling unit (EDU).

NOTE: Where fire flow exceeds gpm for a two-hour duration, each development will pay their pro-rata share for extra fire protection storage equal to \$.05 per gallon per minute.

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5-5.1.2 MULTIPLE FAMILY RESIDENTIAL PROPERTY – The cost is based on an equivalent dwelling unit (EDU), including apartments, duplexes and mobile home parks. Cost per EDU is \$6,073.

5-5.1.3 COMMERCIAL PROPERTY – Commercial property shall be calculated on a caseby-case basis, comparing the projected water use by the commercial center, motels and hotels to that of an equivalent dwelling unit (ED) (580 gallons per day per EDU).

5-5.1.4 INDUSTRIAL PROPERTY – Industrial facilities fees will be based on a case-by-case basis, comparing the projected water use by the industrial facility to that of an equivalent dwelling unit (EDU) (580 gallons per day per EDU).

NOTE: Facilities Fees for developments requiring fire flows greater than the baseline 1,000 gpm for a two-hour duration will be adjusted to account for additional storage required. The adjustment cost is based on the Master Plan fire flow and durations.

Supply Wells Water Rights (SWP) Water Treatment Plant Local Water Resources Recycled Water Facilities	\$1,936 \$1,225 \$921 \$485 \$1,402 \$5,969
Transmission (=16")	\$1,568
Storage	\$2,008
Booster	\$139
Pressure Reducing Stations	\$71
Miscellaneous Projects	\$62
	\$9,818
Financing Costs	\$305
Total with Financing Costs	\$10,122

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5-5.1.5 FOR SCHEDULED IRRIGATION PROPERTY – Per meter:

<u>METERSIZE</u>	AMOUNT OF FEE
1 inch	\$1,000.00
1-1/2 inch	2,000.00
2 inch	3,000.00

5-5.2 MISCELLANEOUS CHANGES, UPGRADES, DOWNGRADES AND ADDITIONAL UNITS:

5-5.2.2 SCHEDULED IRRIGATION METER EXCHANGE— Where a property or lot has been previously served by a scheduled irrigation meter, as defined in Part 13 of these Regulations, the property owner may exchange his 1" or 1 1/2" or 2" scheduled irrigation meter for a 5/8" domestic meter. The exchange shall occur without additional Facilities Fee requirements.

Installation and retirement costs. The applicant shall be responsible for water service installation charges per Section 5-2. Additionally, the applicant shall reimburse the District for labor and equipment costs associated with the retirement of the scheduled irrigation meter.

Additionally, applicant shall pay all costs for installation of 5/8" Domestic Meter and Service pursuant to section 5-2; Water Service Installation Charge.

- **5-5.2.3 DOWNGRADES** Where a meter is exchanged for a smaller meter, no facilities charge will be imposed and no refund or credit will be made or given.
- **5-5.2.4ADDITIONOF DWELLING/COMMERCIAL UNITS**—Where additional dwelling or commercial units are created by the addition to or division or remodeling of any existing, free standing single family or multiple family residential structure or of any existing, free standing commercial or multiple commercial structure, a facilities charge shall be imposed on each such unit as per the schedules set forth above in subsection 5-5.1.2 and 5-5.1.4 as appropriate.
- **5-5.2.4.1 MULTIPLE FAMILY RESIDENTIAL RATE** The multiple family residential rate shall apply to the multiple dwelling units in each free standing multiple residential structure on a property; each additional free standing multiple family residential structure on that same property will require a separate meter and a facilities charge will be imposed on each dwelling unit therein per subsection 5-5.1.2 above.

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5-5.2.4.2 MULTIPLE COMMERCIAL PROPERTY RATE – The multiple commercial property rate shall apply to the commercial units in each freestanding commercial structure on a property; each additional free standing multiple commercial structure on that same property will require a separate meter, and a facilities charge will be imposed on each commercial unit therein per Subsection 5-5.1.4 above.

5-6 MISCELLANEOUS CHARGES:

5-6.1 RESTORATION OF SERVICE CHARGE – In all cases, a charge will be made for restoration of water service, the amount of which will be the actual costs incurred by the District.

5-6.2 METER TESTING – The following charges will be imposed for testing meters:

1)	In-house	5/8" to 1" meters 1 1/2" to 2" meters	\$ 30.00 200.00
2)	Outside	5/8" to 1" meters	\$ 50.00 250.00

5-6.3 INSPECTION CHARGES:

- **5-6.3.1 AMOUNT** Inspection charges shall be based on the estimated cost of the actual inspection and shall be estimated by the District Engineer. All estimated inspection costs shall include an additional contingency deposit equal to 135% of the Engineers estimate.
- **5-6.3.2 DEPOSIT** The applicant shall deposit the estimated cost of the inspection prior to the start of construction. When the inspection charges exceed 75 percent of the deposit, the applicant shall make additional deposits as required, by the District prior to any additional inspection.
- **5-6.4.1.1REFUND** The District will refund any excess funds within 30 days of acceptance of the facilities by the District.

5-6.5 PLANNING:

5-6.4.1 DEPOSIT PLAN CHECK CHARGE – All deposits shall be in the amount of \$5,000 for all sub-divisions.

REGULATIONS GOVERNING WATER SERVICE

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- **5-6.4.2 MAIN EXTENSION PLAN CHECK DEPOSIT** Where the Applicant is requesting service to a lot or lots that require Main Extension, the Districts General Manager shall estimate the deposit for planning, engineering and administration for Main Extensions to serve one or more lots.
- **5-6.4.2PLAN CHECK CHARGE** The charge for reviewing and checking the drawings for a water main extension, as provided for in Subsection 8-3.6 is determined by actual costs incurred. Hours will be computed to the nearest one-half hour.
- **5-6.5FRONTFOOTAGEFEES/REIMBURSEMENTAGREEMENT**—Where a Reimbursement Agreement (or an agreement of like or similar kind) exists, the applicant shall pay the district the amount specified in the Reimbursement Agreement or as required in section 5-6.5.1.
- **5-6.5.1 RESIDENTIAL SERVICE NO REIMBURSEMENT AGREEMENT –** Where there is no "Reimbursement Agreement" the applicant shall pay to the District the sum of \$28.50 per foot for the pipeline crossing the frontage.
- **5-6.5.2 COMMERCIAL SERVICE NO REIMBURSEMENT AGREEMENT –** Where there is no "Reimbursement Agreement" the applicant shall pay to the District the sum of \$35.00 per foot for the pipeline crossing the frontage.
- **5-6.5.3 FRONT FOOTAGE FEES, CORNER LOT:** Where a corner lot requesting water is not subject to a reimbursement Agreement, the fees will be equal to those set forth in the preceding Subsection for all frontages.
- **5-9 RELOCATION** The charge for the relocation of facilities other than a meter or permanent service connection is determined by the Board.
- **5-10 DEPOSIT AND CHARGES FOR RECYCLING/RECLAMATION STUDY** The applicant for new commercial/industrial service shall deposit \$250.00 for engineering study to determine the feasibility of onsite recycling/reclamation as determined by the General Manager. If the actual study cost of such study as performed is more or less than said deposit, the applicant shall pay the difference upon receipt of an invoice therefore by the District or shall be given a credit against other charges, as appropriate.
- **5-11 PAYMENT** Any charges, as may be required, shall be paid prior to the District issuing a financial arrangements letter to any public or private agency, State of California, or prior to the District providing service, whichever comes first.

REGULATIONS GOVERNING WATER SERVICE

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5-12 CONSTRUCTION METER CHARGES AND DEPOSITS – The charges and deposits for construction water meter service is as follows:

Water Usage Rate: See Section 5-1.3

Monthly Water Service Charge: \$110.00

1" Construction Meter and Backflow Pre-Payment Deposit \$502.00

Lost or stolen 1" construction meters replacement charge: \$502.00

Repairs to damaged construction meters and back flow devices will be charged at prevailing time and material rates to repair the meter

3" Construction Meter and Backflow Pre-Payment Deposit \$2,042.00 Lost or stolen 3" construction meters replacement charge: \$2,042.00

Repairs to damaged construction meters and back flow devices will be charged at prevailing time and material rates to repair the meter

Unauthorized Connection Charge \$1,150.00

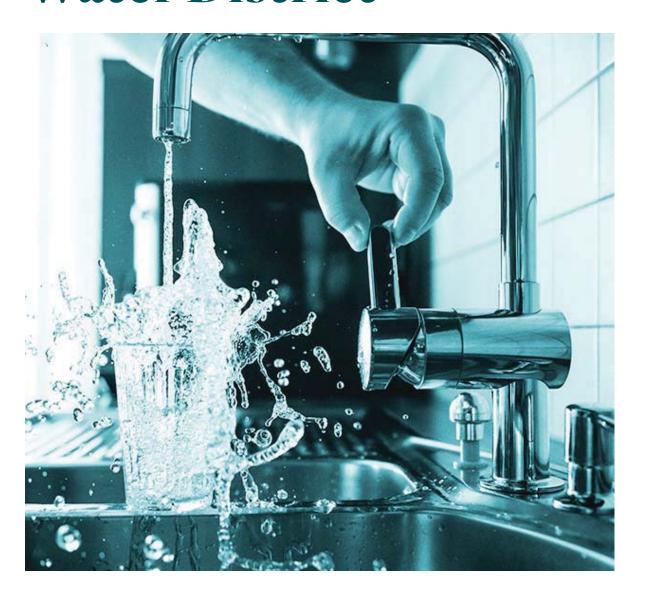
(Plus estimated water usage charged at the current construction water rate)



Wate Rate Fee Study

PROPOSAL / APRIL 16, 2019 / COPY

Beaumont-Cherry Valley Water District



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Raftelis is registered with the U.S. Securities Exchange Commission (SEC) and the Municipal Securities Rulemaking Board (MSRB) as a Municipal Advisor.

Registration as a Municipal Advisor is a requirement under the Dodd-Frank Wall Street Reform and Consumer Protection Act. All firms that provide financial forecasts that include assumptions about the size, timing, and terms for possible future debt issues, as well as debt issuance support services for specific proposed bond issues, including bond feasibility studies and coverage forecasts, must be registered with the SEC and MSRB to legally provide financial opinions and advice. Raftelis' registration as a Municipal Advisor means our clients can be confident that Raftelis is fully qualified and capable of providing financial advice related to all aspects of utility financial planning in compliance with the applicable regulations of the SEC and the MSRB.

INFORMATION PAGE



April 16, 2019

Ms. Yolanda Rodriguez, Director of Finance and Administrative Services Beaumont-Cherry Valley Water District 560 Magnolia Avenue Beaumont, CA 92223

Subject: Proposal for Water Rate Fee Study

Dear Ms. Rodriguez:

Raftelis is pleased to submit this proposal to assist the Beaumont-Cherry Valley Water District (District) with a comprehensive cost of service and utility rate study encompassing the District's potable water and recycled water services. Raftelis is one of the largest full-service utility financial consulting firms, specializing in financial planning and rate studies, successfully implementing equitable rate structures that fund operating and maintenance costs and capital infrastructure plans, meet reserve goals, and provide a stable revenue stream, while minimizing impacts on customers. Of note, our Project Team has conducted numerous rate studies for agencies in California and have a wealth of knowledge regarding the design and implementation of various rate alternatives to consider ensuring revenue stability, equity, and encourage efficient water use for sustainable water resource management.

I will serve as Project Manager and will be responsible for the efficient execution of the project on time and within budget. I have more than 16 years of public-sector consulting experience and have solely focused on water utility financial planning and rate development for the past 10 years. Ms. Andrea Boehling will assist me as Assistant Project Manager leading the development of the utility rate models, including a long-term financial plan to analyze the District's short-term revenue requirements and long-term strategic financial planning. Collectively, we have developed numerous utility rate models that not only comply with the cost of serve principles of Proposition 218 but are also very user-friendly and elegant to the end-user. Lastly, with over 20 years of experience, Mr. Sanjay Gaur will serve as Technical Reviewer and will be responsible for reviewing functionality of the models and will provide an independent review of the final Report.

In addition to this study, the District is separately requesting proposals related to the District's 30-Year Financial Planning Model. We propose combining these studies to provide the District significant cost savings as well as to provide seamless analysis of the District's short- and long-term plans. Raftelis is confident in our ability to develop a long-term financial plan to covering the District current financial position, its operational and capital needs over a minimum of 10-years, as well as pension and OPEB obligations. We are commonly sought after to develop financial plans for long-term planning horizons ranging between 30 and 50 years. In addition, how the District's revenue needs are recovered is of equal importance to generate public acceptance and perceived equity in approach. Raftelis will provide multiple rate options for consideration and discussion to ultimately select the most optimal rate structure that adheres to industry standards and regulations while complimenting the District's strategic goals. With our industry expertise and depth of resources, we can provide a value-added product that efficiently and successfully implements forward-looking solutions that will benefit both the District and its customers.

We are excited for the opportunity to assist the District with this important study. If you have any questions, please do not hesitate to contact me using the following information:

Habib Isaac, Senior Manager

24640 Jefferson Avenue, Suite 207, Murrieta, CA 92562

Phone: 9951.387.4352 / Fax: 828.484.2442 / Email: hisaac@raftelis.com

Sincerely,

Habib Isaac Senior Manager

Hanlil Isan

24640 Jefferson Avenue, Suite 207 Murrieta, CA 92562

WWW.RAFTELIS.COM

01

Project Understanding

The Beaumont-Cherry Valley Water District (District) is an independent special district that has both a potable and non-potable water distribution system and serves approximately 20,000 connections, with over 90% of those connections as single-family residences. The District has a total of 24 wells and 15 reservoirs ranging in size from 0.5 million gallons (MG) to 5 MG. Total storage is approximately 23 MG. The District Board authorized the purchase of 78.8 acres of land, and eventually constructed the Noble Creek Recharge Facility for the recharge of imported water from the State Water Project. In the future, storm runoff and possibly highly treated recycled water will be recharged at the facility. With these new water supplies and recharge capabilities, the District's revenue requirement and related expenses are continuing to evolve requiring a long-term financial plan to determine the fiscal impacts to the District and to appropriately establish rates for full cost recovery. In addition, the District will be purchasing recycled water from the City of Beaumont and converting certain potable customers to recycled water service. Doing so will also require a review of the financial impact to the potable water system to account for any funding gap from this conversion as well as deter-

mining recycled rates based on the amount of expected recycled water demand.

The District is seeking highly qualified and credible consultants to conduct a comprehensive Cost of Service and Rate Study (Study) for all main service components, specifically, potable and recycled water services. Additionally, the District is also considering the feasibility of budget-based rates and whether this type of rate structure would be appropriate for the District and its customers. As such, Raftelis will model up to three rate alternatives for District staff and the District Board to consider as part of this study and provide specific details on how customers would be impacted by each alternative rate structure. Regardless of which rate alternative is selected, the primary project objectives will be folded into the study and include:

- Develop a long-term financial plan that the District may use to evaluate longterm impacts on its revenue requirements, capital needs, and pension and OPEB obligations
- Preparing defensible rates and charges
- Minimizing rate increases while avoiding rate "spikes", setting and maintaining appropriate operations and capital reserves, and maintaining adequate levels of

- Designing a rate structure that is responsive to demand fluctuations due to drought and other unforeseen factors through the establishment of passthroughs and drought rates
- Meeting external requirements for debt covenants and ensure adequate capital reinvestment into the water system

As part of this effort, Raftelis will:

- Assess and make recommendations to District
 Staff and the District Board
 regarding the current
 tiered water rate structure,
 customer classes, tier allocations, and the amount of
 revenue recovery between
 fixed charges and commodity rates for both the
 potable water and recycled
 water operations
- Provide a method for allocating departmental operating costs between the potable water and recycled water customers
- Review District financial and reserve policies, projected debt coverage and reserve needs
- Develop conservation-based rate structures for the potable water enterprise that: 1) are transparent, equitable and fair to customers; 2) promote water use efficiency; 3) and, address the District's goals and objectives

- while meeting regulatory requirements
- Verify or recalibrate the property tax credit for the Eastern Zone (property tax is previously approved)
- Ensure that the proposed rate structures meet the nexus requirements of Proposition 218
- Provide public process support for the implementation of the proposed water and recycled water rates

Raftelis is fully aware that the value of even the most comprehensive report can be lost if the study falls short of generating consensus with the District's constituency. We therefore believe it is crucial to establish clear lines of communication not only with the District, but also with its customers through public workshops. That is why it is of equal importance that rates maintain a clear and simple basis that can be implemented and updated effectively. Raftelis has assisted hundreds of agencies with implementing their rates and is well known for presenting thoughtful and concise presentations to generate discussion. Upon development of the proposed utility rates, we can also assist the District with its public outreach efforts. We will attend meetings with members of the public and the District Board to present in a readily understandable format the proposed changes to and rationale for the rates.

Methodolog

Cost-Based Rate Setting Methodology

If rates are perceived to be fair and equitable, users are more likely to support changes in rates and rates structure. In addition, Proposition 218 (California Constitution Article 13D) imposes that:

- A property-related charge (such as water and wastewater rates) imposed by a public agency on a parcel shall not exceed the funds required to provide the property related service.
 - » This is one of the most critical components for updating rates as recent court cases have invalidated some agencies' rates because the administrative record was not sufficient to show a nexus between the rates derived and the cost incurred. Besides allocating costs to distinct customer classes based on demand, it is of equal importance to build up the costs for each defined tier, when developing conservation-based rates, to show

- a clear connection to the higher cost of service within the higher tiers.
- Revenues derived by the charge shall not be used for any other purpose other than that for which the charge was imposed.
 - » Raftelis has worked with numerous agencies to ensure that each service's revenues solely fund the costs of the individual service.
- The amount of the charge imposed upon any parcel shall not exceed the proportional cost of service attributable to the parcel.
 - » Based on the recent Pajaro Valley Water Case, proportionality to a parcel may be shown by allocating costs to customer classes and then recovering those costs from the corresponding accounts (parcels). This ruling provides flexibility to have a different rate structure by customer class if so desired.
- No charge may be imposed for a service unless that service is actually used or

immediately available to the owner of property.

- The District last conducted a cost of service analysis in 2010, with the final rate increase occurring in 2015, However, rates have not recovered the amount forecasted and generating financial pressure on District reserves and monthly cashflow requirements. As such, clearly identifying how costs have increased over time, future expected revenue needs and how those costs tie to the proposed rates will be of primary importance to Raftelis
- as part of the study to establish validity to any rate adjustments.
- A written notice of the proposed charge shall be mailed to the record owner of each parcel at least 45 days prior to the public hearing, when the agency considers all written protests against the charge.
 - » Raftelis has facilitated numerous Proposition 218 mailings for utility rates and we can assist in developing Notice material that includes all the substantive Proposition 218 requirements and with District Attorney input.

Scope of Services

Our scope of services herein, assumes the development of a comprehensive long-term financial plan to account for the additional request for proposals related to the District's 30-Year Financial Planning Model. Doing so provides the District with significant cost savings as opposed to requiring the need to issue two separate purchase orders for work and data requirements that will overlap one another. As part of our Financial Plan tasks, Raftelis will analyze the District's current financial position while accounting for ongoing operating obligations and long-term capital repair and replacement. We will also model specific financial components associated with OPEB liabilities and pensions obligations.

TASK 1

Task 1: Project Initiation, Management, and Data Collection

At the beginning of the study, Raftelis will prepare a detailed data request list identifying the information needed to complete the various analyses for all phases of the study. Information that is typically required to perform a water, and recycled water rate study will include, recent Comprehensive Annual Financial Reports (CAFR), current and proposed budgets, current and historical water production and billing data, and long-term capital improvement plans. Prior to the meeting, we will review any data provided in advance.

We believe a productive kickoff meeting is the most effective way to begin a study. This meeting provides a forum to discuss goals and objectives, such as rate equity and historical water usage trends, pension and OPEB liabilities, and the potential financial impacts of transitioning certain potable water customers to recycled water customers. We will also discuss the District's financial policies and associated reserve levels as well as the capital plan. The District's current rate structure will be reviewed and a discussion on what has worked well and what components (if any) are confusing or underperformed. Given the number of Water Budget Based Rates Mr. Isaac has facilitiate over, we will also evaluate budget-based rates and provide the pros and cons this rate structure as well other rate alternatives, such as tiered rates and uniform rates. We can begin evaluating with the District the effectiveness of a water budget rate structure. Finally, we will review the data request to address any remaining data gaps, as well as finalize the work schedule. Following the meeting, Raftelis will prepare detailed meeting minutes.

Our project management approach stresses transparency, communication, objectivity, and accountability to meeting project objectives. Management responsibilities extend to general administrative duties such as client correspondence, billing, documentation, and adhering to the schedule. Throughout the study, we will schedule interim status meet-

ings or webinars to discuss project progress and present initial results. In every project, we implement a systematic program of quality assurance to ensure consistency, accuracy, and validity. Our proposed Technical Reviewer, Sanjay Gaur, will ensure that the cost of service and rate models are functioning properly and based on sound rate-making principles and standard industry practice.

Meeting: One (1) in person kick-off meeting Deliverables: Data request; Kick-off meeting agenda, presentation materials, and minutes

TASK 2

Financial Plan Development

In developing the financial plan, Raftelis first will project revenues based on the District's existing rates. This will allow the District to examine the services financial health under current rates for a five-year study period and beyond, including the District's ability to fund the maintenance or

replacement of each service's infrastructure. Our model will include a 30-year planning period to account for the District's long-term Financial Plan (LTFP) and examine how certain cost drives may generate a significant amount of financial pressure on the District while maintaining healthy reserves. As part of our analysis, the LTFP will model how the District's pension and OPEB liabilities may impact the utility over the planning period as well as various levels of capital funding. We will also work with District staff to determine a baseline amount of water sales and how changes to sales may fiscally impact the District. The analysis will also include a fiscal impact analysis on the conversion of certain potable customers to recycled customers.

The cash flow worksheet in our models incorporate revenues generated from different sources, expenses needed to maintain the water system, pass-through costs (SoCal Edison electrical, San Gorgonio Pass Water Agency imported water, and City of Beaumont recycled water), any transfers in and out of the water or recy-

cled water enterprise fund, and any coverage necessary to meet current and proposed debt service requirements. The model will have the capability to examine different ten-year CIP scenarios, allowing staff to consider different planning periods and adjust planned projects. We will review and discuss reserves for operating, capital, rate stabilization, and emergency purposes. We will then propose any necessary revenue adjustments for the five-year study period. These adjustments will translate into rate adjustments for the water and recycled water rates that will meet the District's objectives. Our models include a dashboard with the following features:

• Flexibility to change assumptions such as water

sales, CIP levels, and revenue adjustments

- Error flagging of results such as: failure to meet debt coverage, unmet reserve targets, etc.
- Sensitivity analyses that can be viewed instantaneously with built in-screen graphics
- Toggle to include / exclude a "pass-through" mechanism for certain costs, which would then automatically update the necessary revenue adjustments of the model.

Meetings: Two (2) in-person meetings with District staff

Deliverables: Draft financial water and recycled water plan models in Microsoft Excel

Raftelis will develop a customized financial model for the District that incorporates a dashboard to allow the District to easily run scenarios and see the impacts in real time.

Shown below is a sample dashboard that we developed for another project.



TASK 3

Cost of Service Analysis

The cost of service analysis portion of the Study is often viewed as a compliance measure for regulations such as Proposition 218; another perspective is the defensibility the analysis provides the District in terms of the selected rate structure and rate levels. This level of confidence provides additional support for the District in pursuing the rates and rate structure that are best for the District and its customers.

Raftelis will develop cost-based rates for both the Water Rates and Recycled Water Rates based on the District's potable water consumption, peaking, usage characteristics by customer class, and expected recycled water usage based on customer candidates that will most likely convert to recycled use. The cost of service analysis will be conducted according to the following process according to the industry standards and meet the cost of service provisions of Proposition 218:

Step 1 - Review Customer Class Usage Patterns and Determine Customer Classifications

Rafelis will review and analyze historical water consumption, revenue records, and billing summaries to determine water usage, as well as peaking characteristics by customer class or subclass. We will then estimate the relative responsibility of each customer class for each of the functional cost elements. This allocation will be based on billing summary data, other locally available data which may be applicable, and our experience with other utilities

exhibiting similar usage characteristics and patterns. It will provide the basis for equitable cost allocations to each customer class or subclass.

Step 2 - Allocate Costs to Functional Cost Categories

Rafelis will functionalize the costs into main functions. For the both Water and Recycled Water, the cost categories may include, but not limited to, supply, transmission & distribution, storage, billing and power. The functional costs will then be allocated to cost categories such as water supply, water system costs to meet average demand (or base costs), extra capacity costs to meet maximum day, maximum hour demand, customer service, and meter capacity to determine the unit cost for each cost categories. Recycled Water costs will account for pass-through tertiary treatment costs from the City of Beaumont and overhead costs from the District which would then be used as the basis for fixed charges and variable charges to the new proposed recycled customers.

Step 3 - Allocate Functional Costs to Customer Classes

Next, the functional expenses allocated to the various cost components will be apportioned to the unique customer classifications on the basis of the relative responsibility of each classification for service provided. Costs will be allocated based on the determination of units of service for each customer classification and the application of unit costs of service to the respective units.

Meetings: Webinars as needed to review Cost of Service Analysis **Deliverables:** Water and Throughout the cost allocation process, Raftelis will comply with the District's policy considerations, procedures, and guidelines applicable to charges for water services and ensure that proposed rates are in compliance with Proposition 218.

Recycled Water Cost of Service Analyses in Microsoft Excel

TASK 4 Rate Design

Rates Development

Raftelis will develop potable water and recycled water rate models with the flexibility to compare the current rate structures with alternative rate structures. The models will have the capability to examine the different rate structure scenarios to support revenue stability in light of competing objectives, such as revenue stability and conservation. The District purchases water from San Gorgonio Pass Water Agency and recycled water from the

City of Beaumont. The District additionally incurs electrical costs through Southern California Edison. These expenses and corresponding increases will be addressed through the pass-through provisions of the Proposition Omnibus Implementation Act, allowing those costs to fluctuate according to those purveyors' rate changes without impacting the District's own rates and rate adjustments under Proposition 218.

The District wishes to consider water budget rates, which we have included as a separate optional task as it requires further customer account analysis than tiered rates (Optional Task 13). A water budget rate structure aims to maximize efficiency (vs. conservation) customized to

each individual customer. We can provide an overview of this rate structure during the kick-off meeting so the District can evaluate if this may be an appropriate structure for the potable water utility. We have also included the calculation of drought rates as Task 5. Drought rates allow water utilities to maintain revenue stability during mandated usage restrictions. Any recommended rate structure will be evaluated for its ability to meet the financial plan requirements determined in Task 2 to fully fund the water and recycled water systems with sensitivity to future regulations and standards.

Tiered Rates

In today's rate-setting environment, it is imperative to show the nexus between the cost to serve water in each tier and the rate in each tier. For the tiered structure, Raftelis will calculate and show the nexus between costs and tiers by tabulating the tiered rates to show each unit cost component - which includes water supply costs, system costs (delivery costs), peaking costs, and conservation costs, to name a few. This rate derivation will communicate to customers the cost drivers behind the rate for each tier. During our analysis, we will examine how the current tier breaks for single-family customer class serve the utilities' needs and whether the rate structure is defensible. Raftelis may recommend adjustments to the tier structures in order to ensure defensibility. We design our rate models to allow for multiple rate scenario analyses to show:

 Different rate structures with varying levels of fixed and variable revenues, including the status quo volumetric only scenario

Different levels of water use

 for example an optimistic,
 most likely, and pessimistic
 scenario

Performance Assessment

One critical component to this engagement will be a cash pro forma based on recommended proposed rates to show expected amount of revenue recovery and that our proposed rates will recovery the District's revenue requirements based on set assumptions and a certain amount of water sales from our review of the District's billing data. Rate adjustments also stem from a change in the revenue requirement, and/ or a change in the rate structure. The total rate adjustment can sometimes cause "rate shock" to customers. In our impact analysis graphics, we calculate bills at each level of usage assuming the new proposed rate structure was already in place to determine the "true" impact of the new rate structure. The customer impact analysis will include a series of tables and figures that show projected rate impacts by customer class at various levels of usage. Understanding customer impacts and taking corrective action, if necessary, allows us to design public outreach strategies for generating customer buy-in and successful rate implementation.

Meetings: One (1) webinar with staff; One (1) in-person meeting

Deliverables: Rate models and customer bill impacts for both utilities in Microsoft Excel

TASK 5

Drought Rates

Drought rates are a tool that

_

allow the District to reliably recover the necessary revenue to fully fund the potable water system in such times. Raftelis has assisted many agencies in California in developing and adopting drought rates (also sometimes referred to as drought surcharges, water shortage surcharges, or similar) as a proactive means of weathering drought, both financially and from a water management standpoint. Recently, we have assisted the following agencies with evaluating and/or adopting drought mechanisms: Goleta Water District, Elsinore Valley Municipal Water District, City of Camarillo, City of Redlands, Helix Water District, Rincon del Diablo Water District, Santa Fe Irrigation District, City of Encinitas, Sweetwater Authority, and Mammoth Community Water District, among others.

As part of this task, Raftelis will develop with District staff demand reduction scenarios (or drought stages) representing varying levels of reduced demands (e.g. overall percent reduction in total demand, and categories of demand (i.e. irrigation, residential, or commercial) that are reduced), and associated water supply reduction. Using the demand reduction scenarios developed, Raftelis will update the water financial plan model to include the ability to assess the financial consequences of drought or conservation for each stage.

Drought-related costs can be recovered through fixed

charges, commodity (volumetric) rates, or a combination of the two. Based on the demand reduction scenarios and selected drought rate structure, the drought rate model will calculate the rates for each demand reduction scenario, based on either marginal cost pricing or rate blocks. and present the resulting customers' impacts in both numerical and graphical format using the dashboard platform.

Meetings: To be discussed during in-person meeting in Task 4

Deliverables: Drought rate

mode

TASK 6

Miscellaneous Fees

—

Raftelis will review the District's current water meter, late payment, and damaged meter fees as well as any other miscellaneous fees and recommend any appropriate changes. The examination will include a review of the methodology and calculations used in determining the current fees. We will discuss with staff the necessary employee involvement and supplies or equipment used in providing current services to determine if the fees are adequately recovering the cost of each service provided. Next, we will develop an adjustable fee calculator or model that incorporates these factors. The model can be used in the future to update the miscellaneous fees.

Meeting(s): One (1) webinar with District staff **Deliverables:** One miscellaneous fees calculator in

Microsoft Excel

TASK 7

Rate Survey

Raftelis will compare the District's current and proposed rates with five neighboring agencies in Riverside and San Bernardino County and will include recycled water rates where available. While a useful benchmark, it is worth noting that such comparisons only paint a partial picture since many factors, such as topography and water sources, affect the total cost of providing water and wastewater services. Raftelis regularly conducts such surveys for our clients. We also co-publish with AWWA the nationally recognized biennial Water and Wastewater Rate Survey, and the California-Nevada Water and Wastewater Rate Survey. Raftelis will develop an Excel module to compare the total monthly water and recycled bill amounts of a typical residential customer within each agency. The model will include the appropriate graphs and figures that display the total bill of a typical customer in each agency.

Meetings: None Deliverables: Water and recycled water rate survey in Microsoft Excel

TASK 8

Model Training

Raftelis will conduct a training session with District staff on how to use the rate models and adjust inputs to run various scenarios. We will teach staff how the model operates and how the results of future recommendations can be illustrated on the Dashboard. The models will be developed using Microsoft Excel. Using a familiar program

like Excel instead of proprietary software promotes comprehension of the model by District staff and those who may need to use or update the model in the future. Raftelis models have numerous features that make them easy to use.

Meetings: One (1) in-person model training session with staff

Deliverables: Presentation materials

TASK 9

Draft and Final Report

The draft report will include an executive summary highlighting the major issues and decisions reached during development of rates for both services. The main body of the report will include a brief physical description of each utility system, service area description, an overview of operation and maintenance expenses, pass-through costs, the capital improvement plan, debt service, and the proposed revenue adjustments and rates. The cost of service and rate calculations will be described in detail so that the nexus between costs and rates is clearly defined. As requested by the District, the report will also discuss the impact of conservation elements on generating sufficient revenues as well as indicate how the rates and recommendations promote equity across all customer classes.

District staff members and the District's Attorney will provide comments on the report. After incorporating any final edits and receiving confirmation from District staff, Raftelis will provide the final report. It

will serve as the administrative record of the rate study in fulfillment of Proposition 218 requirements.

Meetings: One (1) webinar to discuss draft report comments

Deliverables: Draft and Final Reports in Microsoft

TASK 10

Public Outreach

We will conduct three workshops with the Board, community groups, and building industry groups to secure their input. We recommend one such workshop at the beginning of the study to garner stakeholder support early in the rate development process. The subsequent two workshops will serve to convey the need for any proposed revenue adjustments and changes to the rate structures rates as well as any other recommendations.

Meetings: Three (3) in-person stakeholder meetings
Deliverables: Presentation materials for three public workshops/meetings

TASK 11

Ordinance Development

Raftelis will review and modify the District's existing rate ordinance for water rates to reflect the proposed new water rate structure and recycled water rates. As a part of this task, we will recommend any necessary modifications to the District's Rules & Regulations to ensure it reflects the recommended approach to the water and recycled water rates. After incorporating District staff and attorney comments, we will finalize the ordinance for Board review and approval.

Meetings: One (1) webinar **Deliverables**: Draft and final water rate ordinance

TASK 12

Task 12: Proposition 218 Notice and Public Hearing

Raftelis will prepare a draft Public Hearing notice for District staff and District Attorney review and incorporate comments into the final notice. District staff will print and mail the notices independently. Raftelis will then present the study results at a Proposition 218 hearing in which we will address the Board of Directors and public's questions and comments. Presentation materials will be provided to District staff beforehand for review.

Meetings: One (1) Proposition 218 Public Hearing
Deliverables: Draft and final Proposition 218 public notices; Public hearing presentation materials

TASK 13

(Optional): Water Budget Rates

The previous cost of service task provides the nexus and rationale for the District's tiered rates, which is required regardless of what type of tiered rate structure the District desires. In the case of developing budget-based tiered rates, additional analysis must be conducted to customize the proposed tiered rates on a

parcel-by-parcel level basis. As a result, each parcel's unique characteristics will be considered when determining the tier width that would apply to such parcel before triggering the next tiered rate. Raftelis has been instrumental in the evolution of water budget rate structures in California and the guidelines for developing rate structures such as for landscape or water budget allotments.

As part of the rate alternatives to consider, Raftelis will develop a Water Budget Rate Model that will calculate revenue and customer impacts and conduct sensitivity analyses. The Water Budget Rate Model will account for household population, seasonal effects associated with the amount of water (in inches) needed to support certain crop types - with turf placing one of the highest demands, and landscape areas, which could vary in complexity. This task may include the integration of parcel data from the County and GIS data (if available), as well as consumption files from billing system. The Water Budget Rate Model will have the following features:

- Allocation for Water Budget. The ability to evaluate different policy options associated with defining indoor and outdoor use efficiency such as landscape area and weather. In addition, users can easily adjust variables for household size and the gallons used per capita per day. Outdoor water budgets will be determined through either detailed GIS parcel data or based on lot size of each parcel and assumed irrigable area for different land use types.
- Rate Calculations and Customer Impact Analysis. The model determines the revenues recovered in each tier and the associated price

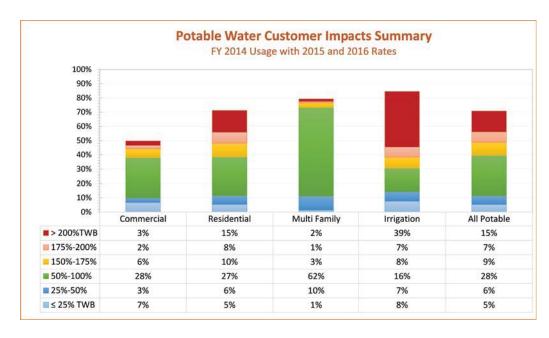
for each tier. In addition, the model will be able to easily update tiered rates, based on the future revenue requirements. In the example below, our analysis reflects how each customer class uses water in relation to receiving water budget allotments for indoor and outdoor needs. Usage over the customer's Total Water Budget (over 100%) is usage targeted as inefficient use, which also provides insight on where potential water loss will come from through conservation.

In addition, the pass-through provisions may also be incorporated as part of the budget-based rates

Meetings: One (1) meeting to discuss the water budget framework; one meeting to discuss results

Deliverables: Water budget rate model

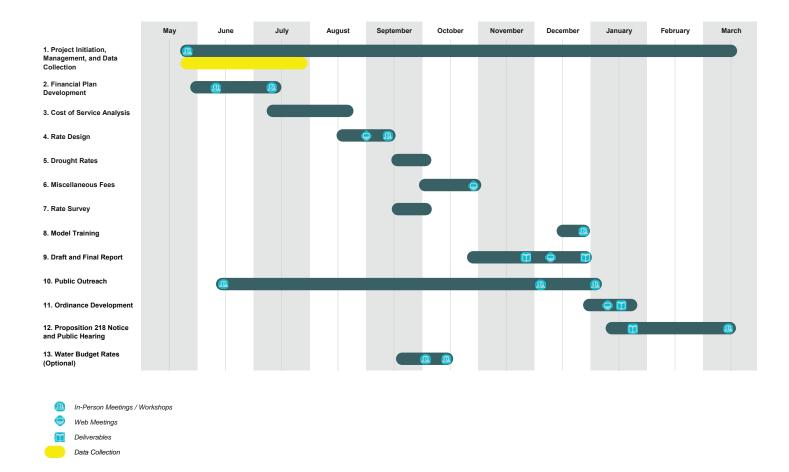
Sample Customer Impacts Summary Under Water Budget Rates





Schedule

We have included the following schedule to reflect the complexity of the study and the comprehensive decision-making process involved to ensure the financial plan and rates meet the District's needs and objectives. However, we can accommodate the schedule provided in the RFP, if needed, by adding additional staff to the study.



Personnel

WE HAVE DEVELOPED A TEAM OF CONSULTANTS WHO SPECIALIZE IN THE SPECIFIC ELEMENTS THAT WILL BE CRITICAL TO THE SUCCESS OF THE DISTRICT'S PROJECT.

BEAUMONT-CHERRY VALLEY

STAFF CONSULTANTS
Lauren Demine & Arisha Ashraf

Our team includes senior-level professionals to provide experienced project leadership, with support from talented consultanting staff. This close-knit group has frequently collaborated on similar successful projects, providing the District with confidence in our capabilities.

Here, we have included an organizational chart showing the structure of our Project Team. On the following pages, we have included brief profiles and project roles for each of our team members along with detailed resumes.

PROJECT MANAGER Habib Isaac ASSISTANT PROJECT MANAGER Andrea Boehling

Leading the industry

Raftelis staff shape industry standards for water and wastewater utility finance and management through our active leadership in AWWA, WEF, and EPA. Raftelis' staff includes:

AWWA

- Asset Management Committee 1 member
- Benchmarking Committee 1 member
- Finance, Accounting, and Management Controls Committee
 2 members
- Management and Leadership Division Chair and Vice Chair
- Public Affairs Council Chair
- Rates and Charges Committee Chair and 7 members
- Strategic Management Practices Committee Chair
- Technical and Education Council 1 Trustee

WEF

- Finance and Administration Subcommittee Chair
- Technical Practices Committee 1 member
- Utility Management Committee 4 members
- WEFTEC Conference Planning Committee 1 member

EPA

Environment Financial Advisory Board - 1 member



We wrote the book

Raftelis staff have co-authored many of the industry's leading guidebooks regarding water and wastewater financial and management issues. Our staff member co-authored WEF's MOP No. 27, 4th Edition, Financing and Charges for Wastewater Systems, and our Solid Waste Lead, David Davis, co-authored AWWA's Solid Waste Rate Setting and Financing: Guide Analyzing Cost of Services and Designing Rates for Solid Waste Agencies

- Affordability of Wastewater Service (WEF)
- Financing and Charges for Wastewater Systems, Manual of Practice 27 (WEF)
- Manual M1, Principles of Water Rates, Fees and Charges (AWWA)
- Manual M5, Principles of Water Rates, Fees and Charges (AWWA)
- The Effective Water Professional (WEF)
- Water and Wastewater Finance and Pricing: The Changing Landscape
- Water and Wastewater Rate Survey (conducted and published collaboratively with AWWA and Raftelis)
- Water Rates, Fees, and the Legal Environment (AWWA)
- Solid Waste Rate Setting and Financing: Guide Analyzing Cost of Services and Designing Rates for Solid Waste Agencies (AWWA)



PROJECT MANAGER

Habib Isaac

Senior Manager

PROJECT ROLE

Will manage the day-to-day aspects of the project and will lead consulting staff in conducting analyses and preparing deliverables for the project. He will be available for all in-person meetings and will serve as the main point of contact.

CAREER HIGHLIGHTS

- 16 years of experience
- Financial/rate consulting experience with City of Galt, Citrus Heights Water District, Temescal Valley Water District, East Valley Water District, Elsinore Valley Municipal Water District, Helix Water District, & City of San Diego



ASSISTANT PROJECT MANAGER

Andrea Boehling

Manager

PROJECT ROLE

Will assist with managing the day-to-day aspects of the project and will help lead consulting staff in conducting analyses and preparing deliverables for the project.

CAREER HIGHLIGHTS

- · 12 years of experience
- Financial / Rate consulting experience with City of San Diego, City of Galt, Livermore, Temescal Valley Water District, Western Municipal Water District, & Leucadia Wasteweater District
- Co-author of: WEF's MOP No. 27, 4th Edition, Financing and Charges for Wastewater Systems



TECHNICAL REVIEWER

Sanjay Gaur

Vice President

Will provide oversight for the project ensuring it is completed in a timely manner and meets both Raftelis and industry standards.

CAREER HIGHLIGHTS

- 20 years of experience
- Co-author of: AWWA's M1 Manual; AWWA's Water, Rates, Fees, and the Legal Envronment;
 Water and Wastewater Finance and Pricing
- Financial/rate consulting experience with Long Beach, Huntington Beach, Trabuco Canyon Water District, & East Bay Municipal Utility District



STAFF CONSULTANT

Lauren Demine

Consultant

PROJECT ROLE

Will work at the direction of Mr. Isaac and Mrs. Boehling in conducting analyses and preparing deliverables for the project.

CAREER HIGHLIGHTS

- 12 years of experience
- · Financial/rate consulting experience with Helix Water District, Lake Hemet Municipal Water District, Leucadia Wastewater District, Monterey County Water Resources Agency, & City of Sierra Madre



Ashraf

Consultant

PROJECT ROLE

Will work at the direction of Mr. Isaac and Mrs. Boehling in conducting analyses and preparing deliverables for the project.

CAREER HIGHLIGHTS

- 12 years of experience
- Skills: Software: R, Stata, Microsoft Excel VBA, ArcGIS, MySQL / Methods: Logistic Regression, Multi-level Analysis, Cluster Analysis, Survival Analysis
- Professional experience with California Data Collaborative, UC Riverside Environmental Sciences Department, World Resource Institute, & The Galilee Society, Shefa-Amr, Israel



TECHNICAL SPECIALTIES

- Financial planning
- · Utility cost of service
- · Rate structure studies
- Proposition 218 Compliance
- Assessment methodologies
- Assessment Administration
- Impact fees
- · Cost allocation studies
- User fees

PROFESSIONAL HISTORY

- Raftelis; Manager (2014-2016); Senior Consultant (2013)
- MuniFinancial: (2004-2013)
- David Taussig & Associates: (2003-2004)

EDUCATION

 Bachelor of Science in Applied Mathematics with Emphasis in Computation Science - San Diego State University (2002)

Habib Isaac

Project Manager

Senior Manager

Mr. Isaac has extensive experience in financial and utility rate modeling and has been serving public agencies for more than 16 years on a variety of financial and rate- and fee-related engagements. Mr. Isaac is well-versed with cost of service principles and special benefit provisions of Proposition 218. In addition, he has also provided consulting services for conducting fiscal impact analyses for agencies in determining the impact generated by new development on services, and has prepared cash flow pro formas for securing bond issues, including mello-roos bonds, revenue bonds, and a number of refunding. Mr. Isaac has assisted clients in the preparation and presentation of public awareness and information programs related to municipal projects ranging from utility rate studies to agency-wide taxes. He has developed procedures and supervised the preparation of extensive computer models for utility rate studies, including incorporating sophisticated macros into models to create a user-friendly interface that can save and store scenarios "on-the-fly" for comparative analysis. Such modeling experience generally relates to performing budget analyses, customer and usage analyses, development of revenue requirements, and cost of service allocations related to the implementation of rate structures designed to promote conservation while accounting for revenue sufficiency and price elasticity. As a mathematician, Mr. Isaac understands the sensitivity between competing variables that are commonly present in utility rate studies, such as, cost-based tiers and economic price signaling.

RELEVANT PROJECT EXPERIENCE

City of Livermore (CA)

Mr. Isaac completed a comprehensive Cost of Service Water and Wastewater Rate Study for the City of Livermore (the City), which recently concluded this past June with unanimous approval of the proposed rates. The City historically set their rates internally and wanted to receive an independent review and updated to its rates from an outside firm specializing in utility rates. Like many water agencies in California, the City was faced with challenges related to the reduction in water usage as a result of conservation, the slow economy, and increasing water supply costs from Zone 7 Water Agency. The City was operating in an environment where operational costs and external costs associated with imported water continue to increase and a new Asset Management Plan study identified critical reinvestments necessary for both the water and wastewater systems. Mr. Isaac served as Project Manager and presented Raftelis' findings and recommendations at all public meetings. Mr. Isaac recommended that the City adjust revenue by 5% for each of the next five years and incorporate a pass-through provision for increased costs incurred from their wholesaler, Zone 7 Water Agency. In addition, Mr. Isaac also provided recommendations to the rate structure to ensure compliance with the cost of service principles of Proposition 218. Residential switched from a three-tiered rate structure to a two-tiered rate structure and Non-Residential rates were adjusted from a tiered rate structure to a uniform rate structure as Non-Residential commercial uses and related water needs can vary drastically between accounts. The Rate Study and all recommendations were approved at a Public Hearing held on June 26, 2017.

Temescal Valley Water District (CA)

In 2016, the Temescal Valley Water District (District) engaged Raftelis to conduct a comprehensive water, recycled water, and wastewater rate study. The main objectives of the study were to ensure financial sufficiency, meet operation and maintenance costs, and to ensure funding for both capital and reserves. As part of the study, Rafte-

lis evaluated interfund loans from one enterprise to another with varying repayment terms, modeled various rate structures, and explored seasonal rates for the recycled enterprise. The Public Hearing was held in January 2017 and the proposed rates were successfully adopted.

City of Galt (CA)

In early 2015, the City of Galt (City) hired Raftelis to conduct a comprehensive cost of service analysis and water rate study. The City was in the process of metering all customers and had previously had a flat rate for all unmetered customers. The main goal of the study was to establish a uniform commodity rate and fixed monthly charge for all customers that would generate the same level of revenue as their existing rate structure. Mr. Isaac served as the Project Manager. Raftelis developed the financial plan and rate model capable of evaluating several scenarios. Raftelis gathered all necessary data, developed the financial plan, created a model capable of adjusting the expected water demand, worked closely with City staff to project expected water sales, documented the results of the study, performed customer impacts, and assisted with presentations to the City. The proposed rates were adopted on March 14, 2016.

East Valley Water District (CA)

Mr. Isaac served as Project Manager to the East Valley Water District (District) and assisted the District with changing their rate structure from a basic uniform rate to tiered budget-based rates that accounted for household size and actual irrigable area of each account through the use of GIS. From inception, the District desired to adjust from the current uniform rate structure to one that complimented their long-term strategic goals of ensuring water efficiency and assisting with water management. Given the District's uniform rate structure, Mr. Isaac lead a detailed cost of service analysis to establish a sound nexus for determining appropriate tiered breakpoints per account as well as unit costs by tier. The model analyzed usage at the account level and provided water allotments to each for "indoor needs" and "outdoor needs."

The adopted rates, resulting from the comprehensive cost of service analysis, unbundled rate components to convey the true cost of various service components and to continue to equitably pass on the cost of water services to users. The Board adopted the water budget rate structure on March 25, 2015. The findings and recommendations resulting from the Study were summarized and documented in the Study Report.

Helix Water District (CA)

Mr. Isaac is currently completing a comprehensive Cost of Service Water Rate Study for the Helix Water District (the District). The District provides water service to approximately 55,000 customer accounts, serving a population of approximately 270,000 residents in San Diego County.

More than 10 years had passed since the District's last adopted "Cost-of-Service" study. Given the length of time since the last adopted comprehensive rate study, one specific project challenge was determining the best rate structure for the District to imple-

ment moving forward. As such, Mr. Isaac conducted a pricing objective workshop with the Board to explore rate alternatives that would best fit the District's goals and objectives. Based on the results from the pricing objectives workshop, Raftelis was able to develop a rate structure that met the District's needs and was fully compliant with Proposition 218. In addition, Mr. Isaac recommended that the District incorporate a pass-through component for any potential rate increases implemented by the District's wholesale water supplier and update the current rate structure as follows: 1) maintain a 3-tiered rate structure for Domestic accounts, with slight modifications to the Tier 1 and Tier 2 allotments, 2) adjust Irrigation rates from a 3-tiered budget-based rate structure to a 2-tiered budget based rate structure. The District had previously defined efficient use for each account by providing a unique water allotment each month; therefore, Tier 1 would reflect the amount of water needed (within their water budget) and Tier 2 would signal when an account went over their water budget.

Over the course of this 12-month project, Mr. Isaac presented at 10 public meetings and the Public Hearing.

Rincon Del Diablo Water District (CA)

In 2014, the Rincon del Diablo Water District (District) contracted with Raftelis to conduct a Water Cost of Service and Rate Study to develop a financial plan as well as design water rates for the District for the next five years. The District is located approximately 25 miles north of the City of San Diego and serves a population of approximately 30,000 customers.

Like many water agencies in California, the District was faced with challenges related to the reduction in water usage as a result of conservation, the slow economy, increasing water supply costs, and the recent Executive Order by Governor Brown to reduce water consumption by 25% Statewide. The District was operating in an environment where operational costs and external costs associated with imported water from continue to increase and the reinvestment of funds to its infrastructure is required as outlined within the District's updated Master Plan.

Mr. Isaac served as Project Manager and presented Raftelis' findings and recommendations at all public meetings. Mr. Isaac recommended that the District adjust revenue by 5% for each of the next five years and incorporate a pass-through provision for increased costs incurred from the San Diego County Water Authority (SDCWA).

In addition, Mr. Isaac recommended certain adjustments to the District's reserve targets. Adjustments included increasing the Operating Reserve to 90 days of operating expenses and adjusting the Rate Stabilization Reserve Target to 10% of purchased water costs.

Mr. Isaac also provided recommendations to the rate structure to ensure compliance with the cost of service principles of Proposition 218. Residential rates were adjusted from a 5-tiered rate structure to a 3-tiered inclining rate structure that can be clearly supported by cost incurred. Non-Residential (Commercial/Industrial and Medical Care Facilities) rates were adjusted from a

3-tiered rate structure to a uniform rate structure as Non-Residential commercial uses and related water needs can vary drastically between accounts. Finally, Raftelis recommended changing the Agricultural and Irrigation rate structure from a 5-tiered budget based rate structure to a 2-tiered budget based rate structure.

The Rate Study and all recommendations were approved at a Public Hearing held on June 9, 2015.

City of Arroyo Grande (CA)

Mr. Isaac is currently serving as lead rate consultant on a comprehensive cost of service analysis and financial plan for the City of Arroyo Grande. The City currently has ground water and a supplemental water supply from the Lopez Dam that is debt financed. As part of the cost of service analysis and tiered-rate structure, costs were built up based on water supply costs, delivery costs, and peaking to substantiate why each tier has a different rate per unit of water. Doing so provided a clear understanding on the costs incurred by the city's utility and provided a nexus in compliance with Proposition 218. The project is almost complete and is proceeding with the Proposition 218 noticing.

City of Sierra Madre (CA)

Mr. Isaac recently completed a long-term financial plan update for the City of Sierra Madre's water and sewer enterprises. The project also included a rate redesign of the City's water rate structure to promote water conservation while meeting the City's Water Utility's financial needs. The Public Hearing concluded on January 28th 2014 and new rates will go into effect in March, 2014. The new proposed rate structure moves from a three-tiered water rate to a four-tiered water rate structure that includes a new Tier 1 allotment to reward customers that are very efficient with their water usage. In recent times, the City has experienced a significant reduction to their available groundwater and the new rate design will now account for additional costs incurred from the inclusion of supplemental water from MWD. As a result, the City long-term financial plan has been updated and a comprehensive water consumption analysis has been completed to ensure revenue sufficiency in the near-term as well as the long-term.

Elk Grove Water District (CA)

In 2013, Mr. Isaac served as Principal-in-Charge and assisted the District with a very extensive and thorough redesign and public outreach campaign for its water rates. The District's previous study was conducted in 2007 and was expedited because the District was not in compliance with its existing bond covenants. The results of the study recommended revenue adjustments from Fiscal Year 2007-08 through 2011-12 of 32%, 20%, 15%, 3%, and 3%, respectively. The District was able to reduce the third year from a 15% revenue adjustment down to 12% and deferred the last two years of 3% revenue adjustments.

Given the circumstances from the last rate study, the District wasn't completely aware how their current rates were developed and wished to take a more measured approach to the 2013 Water Rate Study. As such, the study included meetings with District

staff, a Citizens' Advisory Committee, Finance Committee, and the District Board. Mr. Isaac presented the cost of service analysis and rate redesign through multiple meetings that dissected each item into discrete components. Separate meetings were held to discuss the following components: 1) the District's fiscal policies, 2) District objectives, 3) establishment of new reserve funds, 4) fire protection services, 5) cost of service analysis, 6) customer classes, 7) refinancing of existing debt, 8) consumption forecast, and 9) customer impact analysis. The ultimate objective of the District was to mitigate rate increases while accounting for future obligations of the District, such as escalating debt service payments.

The Proposition 218 Notices were mailed in May 2013 and all of the material discussed and presented over the course of the last 9 months is on the District's website at http://www.egws.org/2013waterratestudy.html. District staff and Board members clearly understand the basis for the proposed new rates and are comfortable with the new rate structure.

In addition, Mr. Isaac is continuing to provide services to the District through annual updates for Fiscal Year 2014 through Fiscal Year 2018.

Encina Wastewater Authority (CA)

Mr. Isaac assisted the Encina Wastewater Authority (EWA) with the Asset Allocation for the Phase V Expansion Project of their Wastewater Treatment Plant (2013). The update adjusted initial cost estimates using actual figures based on: existing facilities and the most recently completed CAFR; project costs based on actual amounts paid according to EWA financial records; and, actual Engineering News Record, Los Angeles (ENRLA) at the defined mid-point of construction. The analysis accounted for the specific discharge characteristics of the EWA's member agencies as well as total capacity necessary to serve each member, which includes: City of Vista, City of Carlsbad, Buena Sanitation District, Vallecitos Water District, Leucadia Wastewater District, and City of Encinitas. The analyses determined the updated amount of any debits or credits to each EWA Member Agency and established EWA Member Agency Ownership percentages for completed capital improvements.

Phelan Pinon Hills Community Services District (CA)

Mr. Isaac served as lead rate consultant on a recently completed comprehensive cost of service analysis and financial plan for the Phelan Pinion Hills Community Services District (CSD). The study accounted for the CSD's policy objectives and achieves a strong financial outlook in future years. As the CSD was undertaking a study of this type for the first time since becoming an independent local agency, Mr. Isaac's primary objective was to develop a robust and custom-designed financial rate model that would clearly reveal the current financial health of the Water Enterprise Fund and provide a sound financial plan reflecting a continued strong financial outlook.

To ensure stable short- and long-term financial stability, historical and future financial information was collected and analyzed,

including water operations, planned capital improvement projects, existing debt obligations, and the acquisition of additional water rights. As this was the CSD's first independent financial and rate analysis, Mr. Isaac collaborated closely with CSD staff to prepare and tailor a comprehensive financial model that focused on District policies and fiscal objectives. Mr. Isaac assisted with not only ensuring a healthy financial outlook for the utility in future years, he also took this opportunity to provide a thorough understanding to District Board Members on rate-setting principles and best management practices.

Mr. Isaac is continuing to work with the District on annual updates for Fiscal Year 2014 through Fiscal Year 2018.

City of Covina (CA)

Mr. Isaac served as lead consultant in a redsign of the City's water rate struture. The new rate struture incorporated a three-tiered water rate design that secured a stable revenue stream while promoting efficient use of water. One of the City's primary goals was to restructure the existing water rates to reach a 20% reduction in water consumption by calendar year 2020.

City of Dania Beach (FL)

Mr. Isaac conducted a a comprehensive review and financial plan update for the City's water and wastewater utilities and restreutured the rates to reflect a cost of service methodology. Mr. Issac also served as lead consultant in restrcuting the City's method of assessment for its stormwater and fire assessments. Due to his breadth of knowledge for each service discipline identified in this engagement, Mr. Isaac operated as principle-in-charge for the entire project. Each Enterprise Fund involved the creation of a detailed financial plan to account for current and future operations; maintenance and facilities; and the development and implementation of new fee, rate, and assessment structures. Through Mr. Isaac's review, the existing rate structure demonstrated that current utility rate revenues were not sufficient to fund operating and maintenance costs, as well as necessary capital improvements. The updated rate analysis established distinct customer classes for each utlity that distributed the full cost of services to the customer base, in proportion to service demands placed on utility systems.

OTHER RELEVANT PROJECT EXPERIENCE

- City of Atwater (CA) Water and Sewer Rate Study
- City of Coachella (CA) Water Rate Study
- Town of Danville (CA) Cost Allocation Plan
- City of Delano (CA) Water, Wastewater, Refuse, and Street Sweeping Rate Study
- City of Irvine (CA) Cost Allocation Plan and UF
- City of La Mirada (CA) Cost Allocation Plan and UF
- Leucadia Wastewater District (CA) Wastewater Rate Study
- City of Lompoc (CA) Water and Wastewater Rate Study
- City of Modesto (CA) Cost Allocation Plan
- City of Pacifica (CA) Cost Allocation Plan and UF

- City of San Fernando (CA) Water and Wastewater Rate Study
- City of Tulare (CA) Water Rate Study and Cost Allocation Plan

PUBLICATIONS

- "Developing Defensible Inclining Tier Rates" Source CA-NV AWWA, Winter 2016
- "Cryptography with Cycling Chaos," Physics Letter A, V 303; Pages 345-351(2002)



SPECIALTIES

- Financial planning and feasibility studies
- Cost of Service Utility Rate
 Studies and User Fees
- Special District Formation
- Special tax and assessment modeling
- · Capacity Fee Studies
- Cost analysis and cost allocation plan modeling
- Proposition 218
- Compliance auditing
- Data analysis

PROFESSIONAL HISTORY

- Raftelis: Manager (present);
 Senior Consultant (2017-2018);
 Consultant (2014-2016)
- Willdan Financial Services:
 Financial Analyst II (2012-2014)
- State of Tennessee: Legislative Information Systems Auditor II (2006-2012)

EDUCATION

- Bachelor of Science in Business Administration with a major in Accounting – University of Alabama in Huntsville (2005)
- Studied Computer Engineering, DeVry University (2000-2002)

PROFESSIONAL MEMBERSHIPS

- California Society of Municipal Finance Officers
- Water Environment Federation

Andrea Boehling

Assistant Project Manager

Manager

Mrs. Boehling has a strong background in mathematics and accounting and has been serving public agencies for more than 12 years. She possesses extensive analytical and modeling skills which she has used to perform various financial analysis such as cost of service user fee studies, utility rate studies, fiscal impact analysis, special district formations, cost allocation plan modeling, etc. Mrs. Boehling is well-versed with the cost of service principles and special benefit provisions of Proposition 218. In addition, with over 6 years of experience in the auditing field, she is very familiar with monitoring and evaluating compliance with regulations, performing data analysis, and performing data integrity testing

RELEVANT PROJECT EXPERIENCE

Leucadia Wastewater District (CA)

Mrs. Boehling, serving as project manager, assisted the Leucadia Wastewater District with developing a long-term sustainable financial plan, determined the costs of providing services, updated wastewater rates, and reviewed and evaluated the District's capacity fees. The study incorporated the recently completed Asset Management Plan Update, reviewed and updated reserve targets to ensure financial stability, examined various capital replacement scenarios, demonstrated the impacts related to growth and debt financing, and analyzed the impacts of continuing the District's current practice of three years of revenue adjustments followed by three years without revenue adjustments. Mrs. Boehling hosted several workshops and presented the results to the Board. The financial plan, rate study, and capacity fee were successfully adopted in early May of 2018.

Temescal Valley Water District (CA)

In 2016, the Temescal Valley Water District (District) engaged Raftelis to conduct a comprehensive water, recycled water, and wastewater rate study. The main objectives of the study were to ensure financial sufficiency, meet operation and maintenance costs, and to ensure funding for both capital and reserves. Mrs. Boehling served as Project Manager and was responsible for each enterprise's financial plan and rate model, developing several rate scenarios, presenting results to the Finance Committee and Board of Directors, and drafting the detailed report highlighting the decisions made and the explaining the calculation of the final rates. As part of the study, Raftelis evaluated interfund loans from one enterprise to another with varying repayment terms, modeled various rate structures, and explored seasonal rates for the recycled enterprise. The Public Hearing was held in January 2017 and the proposed rates were successfully adopted.

In early 2018, the District engaged Raftelis to conduct a financial plan update. Mrs. Boehling, serving as Project Manager, updated the water financial plan model to reflect actual revenues and expenditures for FY 2016 and FY 2017, revised usage characteristics of the District's customers, and incorporated updated capital improvement plans. The District experienced a rather significant increase in usage during FY 2018 due to growth and an increase in usage patterns from existing customers. We recommended only passing through increased costs of purchasing water for the FY 2019 rates and continuing to annually update the financial plan to determine the necessary rate adjustments.

City of Galt (CA)

In early 2015, the City of Galt (City) hired Raftelis to conduct a comprehensive cost of service analysis and water rate study. The City was in the process of metering all customers and had previously had a flat rate for all unmetered customers. The main goal of the study was to establish a uniform commodity rate and fixed monthly charge for all customers that would generate the same level of revenue as their existing rate structure. Mrs. Boehling served as Lead Consultant and was responsible for developing the financial plan and rate model capable of evaluating several scenarios. Mrs. Boehling gathered all necessary data, developed the financial plan, created a model capable of adjusting the expected water demand, worked closely with City staff to project expected water sales, documented the results of the study, performed customer impacts, and assisted with presentations to the City. The proposed rates were adopted on March 14, 2016.

After successful completion of the water rate study, in early 2017, Mrs. Boehling began working on a comprehensive wastewater rate study for the City. The goal of the project was to evaluate several cost allocation and rate structures to ensure compliance with Proposition 218. Mrs. Boehling served as Lead Consultant and managed the consulting staff in conducting analysis and preparing project deliverables. The study was completed, and proposed rates adopted in November of 2017.

City of Livermore (CA)

Mrs. Boehling completed a comprehensive cost of service water and wastewater rate study for the City of Livermore (the City), which concluded in June 2017 with unanimous approval of the proposed rates. The City historically set their rates internally and wanted to receive an independent review and updated to its rates from an outside firm specializing in utility rates. Like many water agencies in California, the City was faced with challenges related to the reduction in water usage as a result of conservation, the slow economy, and increasing water supply costs from Zone 7 Water Agency. The City was operating in an environment where operational costs and external costs associated with imported water continue to increase and a new Asset Management Plan study identified critical reinvestments necessary for both the water and wastewater systems. Mrs. Boehling served as lead consultant and was responsible for leading consulting staff in data analysis, model development, drafting the reports, and assisted the project manager with presenting the results of the study at public meetings. Raftelis recommended that the City adjust revenue by 5% for each of the next five years and incorporate a pass-through provision for increased costs incurred from their wholesaler, Zone 7 Water Agency. In addition, Raftelis provided recommendations to the rate structure to ensure compliance with the cost of service principles of Proposition 218. Residential switched from a three-tiered rate structure to a two-tiered rate structure and Non-Residential rates were adjusted from a tiered rate structure to a uniform rate structure as Non-Residential commercial uses and related water needs can vary drastically between accounts. The Rate Study and all recommendations were approved at a Public Hearing held on June 26, 2017.

City of Atwater (CA)

Mrs. Boehling conducted the water and sewer rate analyses for the City of Atwater. The City is in the process of converting to metered water service. Both the water and sewer analyses needed to account for this mix of metered and unmetered customers. In addition, the City provides contracted sewer service to three large customers, which needed to be incorporated into the study. The analysis resulted in condensed water and sewer rate structures, simplifying the management of rate revenue.

Rainbow Municipal Water District (CA)

In 2015, Mrs. Boehling served as Lead Consultant for Rainbow Municipal Water District's (District) comprehensive cost of service-based water rate study. The study involved developing a long-term financial plan, consumption analysis cost of service analysis, and rate structure development. The rate structure included many components such as a fixed monthly operations and maintenance charge, a fixed pass-through charge to recover the costs imposed by the San Diego County Water Authority, commodity rates (including special agriculture rates, tiered commodity rates for single-family residential customers and agriculture customers with a residence on the property, uniform rates for non-single family residential customers), and pumping charges to account for the costs to pump water to higher elevations. Mrs. Boehling was responsible for data collections, model development, collaboration with the client, presentations to the Finance Committee and Board, model training, and drafting the report.

Mrs. Boehling continues to work with the District on an on-going basis. She assisted with the preliminary budget process in 2015, annual updates in 2016 and 2017, and served as Lead Consultant for a new water and wastewater rate study in late 2017. The updated water rate study focused on ensuring revenue sufficiency, continuing to pass-through purchased water costs and increases in energy costs, and examining alternative rate structures including a consumption-based fixed charge. The wastewater rate study focused on ensuring revenue sufficiency, ensuring rates were fair and equitable, and evaluated various rate structures to more closely tie to the recently completed capacity fee structure. Results of the study were presented to the District and the proposed rates were successfully adopted.

City of Santa Cruz (CA)

The City of Santa Cruz Water Department (City) currently provides water service to a population of approximately 93,000. The City is faced with increasing operation and maintenance costs, a significant projected capital program over the next 10 years, and volatile water sales due to the drought. Raftelis is currently working on a series of projects for the City to help ensure financial sustainability of the City's water system. Mrs. Boehling served as Lead Consultant on the City's comprehensive water rate study. She worked at the direction of the Project Manager to assist the City in evaluating various rate structures including water budget rates. She developed a dynamic model capable of instantly changing the recovery mechanisms and assisted the City as they evaluated 6 different rate scenarios. The rate structure includes an analysis to

determine the allocation to inside customers versus outside customers, allocations by class, and tier. In addition, she worked with the City to develop a separate Infrastructure Reinvestment Charge to help finance the significant repairs and replacements. She was responsible for all data collections, consumption analysis, model development, customer impacts, presentations, and drafted the report following the final rate selection. Rates were approved and adopted on August 23, 2016.

Western Municipal Water District (CA)

Raftelis has been assisting Western Municipal Water District (District) with several projects spanning many years. Most recently, Mrs. Boehling served as Lead Consultant on the development of comprehensive water budget rate structure for each of the District's retail service areas. She created presentations and helped facilitate discussions on the policy options associated with the development of water budget rates. Based on these policy options, Mrs. Boehling developed a flexible rate model that could easily analyze different methodologies of allocating water sources to different customer classes, different allocation factors for indoor and outdoor water use, determined price ratios for the corresponding tiers, and developed the corresponding rates and customer impacts. Mrs. Boehling worked closely with the Project Manager and District Staff to evaluate scenarios and refine the rate structure. She was available for questions during the Public Hearing where the rates were successfully adopted.

Rincon del Diablo Water District (CA)

Like many water agencies in California, Rincon del Diablo Water District (District) was faced with challenges related to the reduction in water usage as a result of conservation, the slow economy, increasing water supply costs, and the recent Executive Order by Governor Brown to reduce water consumption by 25% statewide. RAFTELIS was hired to conduct a comprehensive cost of service water rate study and develop a financial plan to help achieve a strong financial outlook in future years. Mrs. Boehling served as staff consultant and assisted with data collection, financial plan analysis, model development, rate design, and drafted the study report. The study incorporated a pass-through component to allow the District to pass on increased imported water costs to their customers without having to undergo the rate adjustment process. In addition, the study adjusted target reserves and modified the rate structure for each customer class to ensure Proposition 218 compliance and financial sufficiency.

Helix Water District (CA)

The Helix Water District (District) hired Raftelis to conduct a comprehensive cost of service analysis and financial plan update. The last cost of service study was conducted back in 1988 and needed to be updated to be in compliance with Government Code Section 54999.7(c). Mrs. Boehling's responsibilities included supporting project managers and conducting fiscal analysis, data compilation, and modeling. Various rate structures, components, and objectives were evaluated, and cost of service-based rates were developed. The study incorporated a pass-through component to clearly identify and account for San Diego County Water Authority costs which are outside of the District's control. Mrs. Boehling assisted with the

preparation of the study report and helped ensure the Proposition 218 noticing requirements were met. Rates for a five-year period were adopted in October of 2015.

Raftelis was hired to perform annual updates of the financial plan. Mrs. Boehling continues to work closely with the District and Project Manager to complete the annual updates. She added enhancements to the model to assist the District in evaluating whether or not the District needs to implement the full rate increase as adopted in 2015 or whether a lower rate adjustment is sufficient.

East Valley Water District (CA)

Mrs. Boehling assisted with a 10-year financial plan and water rate study for the East Valley Water District. Raftelis designed a water budget rate structure which ensured revenue stability, financial sufficiency, and provided appropriate price signals for different supply costs, peaking costs, and conservation program funding for the District. Mrs. Boehling worked in support of the project manager to develop a water budget rate model developed that allowed the District to quickly view the impacts of alternative rates and budgets to assist policy makers in making well-informed decisions in a timely manner. She was responsible documenting the study results and drafting the study report.

OTHER RELEVANT PROJECT EXPERIENCE

- Crescent City (CA) Proposition 218 Database Analysis and Noticing Requirements
- City of Delano (CA) Proposition 218 Database Analysis and Noticing Requirements
- Elk Grove Water District (CA) Water Rate Study
- McKinleyville Community Services District (CA) Proposition 218 Database Analysis and Noticing Requirements
- City of Oviedo (FL) Utility Rate Comparison and presentation
- Phelan Pinon Hills Community Services District (CA) Proposition 218 Database Analysis and Noticing Requirements
- Romona Municipal Water District Water and Capacity Fee Study
- City of San Diego, CA On-call water, recycled water, and wastewater consulting services
- City of Soledad (CA) Water Rate Study
- City of Tulare (CA) Water Rate Study
- Yuima, CA Water Rate Study

INDUSTRY PUBLICATIONS

 Boehling, A., Pardiwala, S., "Chapter 13. Rates for Reuse or Reclaimed Water", Financing and Charges for Wastewater Systems, WEF Manual of Practice. No. 27, 4th Edition, 2018.

INDUSTRY PRESENTATIONS

 Boehling, A., "How to Best Fund Your Agency's Critical Asset Repair and Replacement Needs", presented at the annual Utility Management Conference, Tampa, Florida, February 9, 2017.



TECHNICAL SPECIALTIES

- Proposition 218 rate compliance
- · Financial analysis
- · Cost of service studies
- · Conservation rate structure design
- · Capacity fee studies
- Cost benefit analysis
- · Econometric analysis

PROFESSIONAL HISTORY

- Raftelis: Vice President (2015-present);
 Senior Manager (2012-2014); Manager (2009-2012)
- Red Oak Consulting, Division of Malcolm Pirnie (2007-2009)
- MuniFinancial (2005-2006)
- A & N Technical Services (1999–2003)
- United States Peace Corps, Bulgaria (1995-1997)

EDUCATION

- Master of Public Administration,
 Public Administration/International
 Development, Kennedy School of
 Government Harvard University (2003)
- Master of Science, Applied Economics
 University of California, Santa Cruz
 (1994)
- Bachelor of Arts, Economics and Environmental Studies - University of California, Santa Cruz (1992)

PROFESIONAL RECOGNITION

- Who's Who in America, 63rd Edition (2009)
- Finalist, National Venture Competition (2003); Goldman Sachs Foundation
- Roy Environmental Fellowship (2002), Kennedy School of Government, Harvard University
- Academic Scholarship (2001-2003), Kennedy School of Government, Harvard University
- Certificate of Outstanding Service (1997), United States Peace Corps

PROFESSIONAL MEMBERSHIPS

- American Water Works Association -Rates and Charges Committee
- California Society of Municipal Finance Officers

Sanjay Gaur

Technical Reviewer

Vice President

Mr. Gaur has over 20 years of public-sector consulting experience, primarily focusing on providing financial and rate consulting services to water and wastewater utilities. His experience includes providing rate structure design, cost of service studies, financial analysis, cost benefit analysis, capacity fee studies, conservation studies, and demand forecasting for utilities spanning the west coast. He has provided consulting service to over 100 different agencies. Mr. Gaur is considered one of the leading experts in developing rates that meet Proposition 218 requirements, has exceptional public speaking skills and, due to these qualities, he is often sought out to provide assistance on rate studies that are complex and controversial. He has often provided his insight into utility rate and conservation-related matters for various publications and industry forums including: authoring articles in Journal AWWA; being quoted in various newspaper articles including the Los Angeles Times and the New York Times; participating in a forum regarding the future of water in Southern California sponsored by the Milken Institute; being quoted on National Public Radio; speaking at various industry conferences including American Water Works Association (AWWA), the Utility Management Conference, Association of California Water Agencies, and California Society of Municipal Finance Officers; and, co-authoring several industry guide books including AWWA's Manual M1 Principles of Water Rates, Fees and Charges, 7th Edition as well as AWWA's Water Rates, Fees, and the Legal Environment, Second Edition. Mr. Gaur co-authored a chapter entitled, "Understanding Conservation and Efficiency Rate Structures," for the Fourth Edition of the industry guidebook, Water and Wastewater Finance and Pricing: The Changing Landscape. Mr. Gaur is also active in a number of utility-related associations, including serving as a member of AWWA's Rates and Charges Committee.

RELEVANT PROJECT EXPERIENCE

Alameda County Water District (CA)

Mr. Gaur has provided financial and rate consulting experience to Alameda County Water District since 2010. During these years, Mr. Gaur has been the Project Manager on numerous studies, including the evaluation of different types of conservation rates, development of a 25-year financial model that assists the District in evaluating different financial risks, development of drought rates, and public outreach to stakeholders. During these projects, Mr. Gaur has led a series of workshops with the Executive Management and the Board of Directors in evaluating and identifying which financial/rate solutions meet their objectives.

East Bay Municipal Utility District (CA)

Since 2013, Mr. Gaur has provided consulting services to East Bay Municipal Utility District .He successfully accomplished several objectives for the District and served as the Project Manager for a comprehensive water and wastewater cost of service study. The last comprehensive cost of service study was done in 2000. As part of the study, Raftelis thoroughly examined the District's cost structure, analyzed water and wastewater flow and customers data, and evaluated alternative rate structures to develop an equitable rate structure that meets Proposition 218 requirements and the District's goals and objectives. One of the key deliverables was the administrative

record, which is a document that clearly explains how the rates are derived and is a critical document to support the requirements of Proposition 218.

Castaic Lake Water Agency (CA)

Castaic Lake Water Agency is a wholesale water agency that is a member of the State Water Contractor. Since 2012, Mr. Gaur has provided numerous consulting services including the evaluation of different types of wholesale rates, a financial model, annexation fees, capacity fees, and other financial consulting services. Mr. Gaur has made numerous presentations to the Board of Directors and has secured their supports on critical matters.

San Juan Capistrano (CA)

In 2012, San Juan Capistrano was in the midst of a legal lawsuit over its water rates. A group of taxpayers sued the City over its water rates, saying they did not comply with Proposition 218. The City sought out an expert rate consultant to assist them in developing new rates that will meet the stringent requirements of the taxpayer group and City Council. The City hired Raftelis and Mr. Gaur served as the Project Manager for this significant project. The project required a series of six City Council Workshops, with each one lasting over 3 hours. In addition, two members of the City Council were active in supporting the lawsuit against the City. Mr. Gaur was successful in mustering support for the new rates and developing the new standard associated with the administrative record. The rates were approved and the President of the Taxpayer association expressed his support of the new rates.

City of Long Beach (CA)

In 2016, the City of Long Beach hired Raftelis in conducting a comprehensive rate study that meets the heightened standard associated with Proposition 218. Given the large percentage of the population at the poverty rate, the City was concerned about affordability, revenue stability due to the recent drought, and developing a strong nexus associated with its water and wastewater rates. Mr. Gaur served as the Project Manager and successfully assisted the City in adopting rates that meet their requirements. Since then, Mr. Gaur has provided financial and rate consulting services to the City, including how to fund stormwater services.

Fallbrook Public Utility District (CA)

Fallbrook Public Utility District provides water, recycled water, and wastewater services. The District has a complex rate structure due to the fact that it provides both domestic service, special agricultural rates from the San Diego County Water Authority, normal agricultural service, and a combination of these services to the same meter. Given the recent lawsuit associated with San Juan Capistrano, the District was interested in developing a comprehensive rate study that can fund a new source of water supply and cost of service rate study that can justify the different types of rates. In 2016, Mr. Gaur served as the Project Manager on this study and was successful in developing a 180-page administrative record that clearly explains the nexus requirement associated with Proposition 218 and the adoption of the five years of rates.

Placer County Water Agency (CA)

Placer County Water Agency provides four major types of water services: treated retail, untreated retail, treated wholesale, and untreated wholesale. Given the complexity of the system, the agency has over 50 different types of rates. The agency has evolved over the last 60 years of existence and has acquired numerous neighboring agencies. Given the San Juan Capistrano ruling, the Agency was interested in consolidating and developing a clear rationale behind the complex services it provides. The Agency sought out Mr. Gaur to be the Project Manager on this significant study in redeveloping all the different water rates. Mr. Gaur conducted a series of workshops with Executive Management in developing a rationale and logic behind the services it provides. The 150-page administrative record was well received by the Board of Directors and they were pleased with this study. The new rates were approved in 2017.

Las Virgenes Municipal Water District (CA)

Since 2008, Mr. Gaur has provided financial and rate consulting services to Las Virgenes Municipal Water District. This include assisting the District in adopting a controversial rate increase, the evaluation and implementation of a water budget rate structure, capacity fees for water and wastewater services, and other financial related matters. The District receives water from only one source, Metropolitan Water District of Southern California. With the desire to implement a water budget tiered rate, Mr. Gaur assisted the District in establishing tiered rates that meet the requirements of Proposition 218.

Santa Cruz (CA)

Since 2012, Mr. Gaur has provided financial and rate consulting services to the City of Santa Cruz. This includes developing a financial model that can evaluate different water demand factors and associated drought rates, reserve policies, a comprehensive rate study, drought rates, capacity fees and other financial/rate matters. The drought rates study was particularly complex. The City experienced a significant drought and had to allocate water. Water use was already at a historical low level and residential water use was one of the lowest in California. With the desire of refunding a debt and low commodity revenues sales, the City needed to adopt drought rates within a short time period. Mr. Gaur was successful in adopting 5 stage drought rates and was able to assist the City in at this critical time. Lastly, Mr. Gaur assisted the City in redeveloping its rate structure so that it would meet the values of the community, while remaining both be financially sustainable and meeting the requirements of Proposition 218.

Rancho California Water District (CA)

Mr. Gaur has provided consulting services to Rancho California Water District since 2007. During this time, he has assisted the District in the development of a water budget rate structure. The project required the consultant to develop a flexible water budget model that could determine multiple blocks widths and allocations. The team was successfully able to accomplish this task and assisted the District in implementing the new water budget rate structure. The rates where successfully adopted in November 2009.

Mr. Gaur also assisted the District in the development of a New Water Demand Offset Fee. The New Water Demand Offset Program is a form of funding for conservation measures that will help to create sustainable, zero water footprint development. New developments will pay fees called New Water Demand Offset Fees to create potable water savings in the existing system to support water demand generated by new developments. Water savings can be achieved by converting irrigation accounts to recycled water or installing high efficiency retrofits to replace inefficient fixtures for existing accounts in the District. Lastly, Mr. Gaur has provided consulting services on Capacity Fee studies and updating water rates.

Western Municipal Water District (CA)

Since 2009, Mr. Gaur has provided consulting services to Western Municipal Water District. Mr. Gaur successfully accomplished several objectives for the District including the implementation of water budget rates, which included facilitating and leading a discussion on the policy options associated with the development of water budget rates. Based on these policy options, a water budget model was developed that evaluated different allocation factors for indoor and outdoor water use, determined rate components for the corresponding tiers, and developed the corresponding rates and customer impacts.

In addition, Mr. Gaur served as the Project Manager for the development of a financial model for the District. The model has the capability of examining the 14 different fund centers of the District, develop and save different Capital Improvement Plan scenarios, examine the financial consequences of these scenarios and compare the results. In addition, the model has the ability aggregate the fund centers by water, wastewater, or by the whole District. The model is currently being utilized by the District to examine long term health of the District.

Lastly, Mr. Gaur conducted a Capacity Fee study for the District, which included water, wastewater, and recycled water. The prior Capacity Fee was outdated and significant changes were required. This study included public outreach to the Business Industry Association. Since then, Mr. Gaur has provided assistance to the District in updating its water rates and developing the administrative record required.

RECENT PROJECT EXPERIENCE

- Alameda County Water District (CA) Financial Plan Study and Annual Updates, Conservation Tiered Rate Feasibility Analysis, Drought Rate Study, Water Cost of Service and Rate Study, and other Ad-hoc Support
- American Water Company (CA) Water Rate Study
- Borrego Water District (CA) Financial Planning Study, Groundwater Sustainability Plan, Water Rate Study, and Basin Management Evaluation
- City of Calexico (CA) Water and Sewer Rate Study
- City of Camarillo (CA) Water and Wastewater Rate Study, Financial Plan Study, and Cost of Service Study,

- Carpinteria Sanitary District (CA) Sewer Rate and Fee Study
- Castaic Lake Water Agency (CA) Wholesale Water Rate Study, Drought Rates, Rate Analysis, and Facility Capacity Fees
- Central Basin Municipal Water District (CA) Financial Plan
- City of Chino (CA) Water Budge Rate Design, Financial Plan Study and Cost of Service and Rate Design
- City of Chowchilla (CA) Water and Wastewater Rate Study
- Coastside County Water District (CA) Water Rate Study
- Contra Costa Water District (CA) Financial Plan Study, Water Rate Study and Drought Rates Study
- City of Corona (CA) Water Budget Rate Study, Wastewater Capacity Fees Study
- Cucamonga Valley Water District (CA) Financial Plan, Water Conservation Rate Study, and Drought Rates
- East Bay Municipal Utility District (CA) Water and Wastewater Cost of Service and Rate Study
- Eastern Municipal Water District (CA) Water Budget Study and Financial Plan Study
- East Orange County Water District (CA) Water Budget Study, Sewer Capacity Fees Study, and Financial Plan Study
- Elsinore Valley Municipal Water District (CA) Financial Model, Drought Rate Analysis, Water and Recycled Water Rate Study, Capacity Fee Study, and Wastewater Rate Study
- El Toro Water District (CA) Water Budget Study and Recycled Water Financial Plan Study
- City of Escondido (CA) Water and Wastewater Rate Study and Capacity Fees Study
- Fallbrook Public Utilities District (CA) Water, Wastewater and Recycled Water Rate Study
- City of Glendora (CA) Water Budget Feasibility Study
- City of Gridley (CA) Water Rate Study
- Helix Water District (CA) Water Rate and Cost of Service Study
- Hi-Desert Water District (CA) Water Rate Study
- City of Hollister (CA) Sewer Rate and Impact Fee Study, Water Rates Study, and Capacity Fee Study
- City of Huntington Beach (CA) Sewer Rate Study, Water Budget Rate Study, and Financial Plan Study
- Imperial County Gateway County Service Area(CA) Water and Wastewater Rate Study
- Indio Water Authority (CA) User Fee Study and Water Rate Study
- Inland Empire Utilities Agency (CA) Conservation Rate Structure Workshop and Financial Plan Study
- Inyo County Water Department (CA) Water Rate Study
- Irvine Ranch Water District (CA) Conservation Study
- Jurupa Community Services District (CA) Water Budget Study
- La Habra Heights County Water District (CA) Wheeling Rate Study and Financial Plan Study
- La Puente Valley County Water District (CA) Water Rate and Fee Study
- Las Virgenes Municipal Water District (CA) Water Budget Rate Study, Water, RW and WW Financial Plan and Rate Studies, Capacity Fees Study
- City of Livermore (CA) Water Cost of Service Study

- City of Livingston (CA) Water Rate Study
- City of Lomita (CA) Water Rate Workshop
- City of Long Beach (CA) Water, Recycled Water and Wastewater Financial Plan and Rate Studies
- Los Alamos Community Services District (CA) Water and Wastewater Rate Study
- Los Angeles Department of Water and Power (CA) Daily Demand Estimates
- City of Lynwood (CA) Cost Allocation Plan
- City of Malibu (CA) Wastewater and Recycled Water Rate Study
- Mammoth Community Water District (CA) Water Rate Study
- City of Merced (CA) Water and Sewer Rate and Impact Fee Study
- Mesa Consolidated Water District (CA) Financial Plan Study, Cost Comparison Study, Water and Recycled Water Cost of Service and Rate Design Study
- Metropolitan Water District of Southern California (CA) Drought Allocation Model, Long Range Financial Plan, and Cost of Service Evaluation
- Mill Valley Tamalpais Community Services District (CA) Financial Plan Study
- Mojave Water Agency (CA) Financial Plan Study, Financial Impact Analysis for Water Exchange and Leasing Programs and Water Reliability Rate Development
- Modesto Irrigation District (CA) Stormwater Fee Study
- Monterey Peninsula Water Management District (CA) Water Budget Study
- Municipal Water District of Orange County (CA) Conservation Potential Study and Rate Study
- City of Newport Beach (CA) Water Rate Study
- City of Palo Alto (CA) Water Cost of Service and Rate Study
- Pasadena Water and Power (CA) Water Cost-of-Service and Rate Design Study
- Placer County Water Agency (CA) Cost of Service, Rate, and Financial Plan Study
- City of Pomona (CA) Rate Study
- City of Port Hueneme (CA) Water and Solid Waste Rate Study
- City of Orange (CA) Water and Sanitation Rate Study
- Rancho California Water District (CA) Water Budget Rate Study, Water Demand Offset Fees, Commercial Water Budget Revision Study, Alternative Water Supply Feasibility Analysis
- City of Reno (NV) Wastewater Rate Study
- City of Rio Vista (CA) Water and Sewer Rate and Impact Fee Study
- Salton Community Services District (CA) Sewer Rate Study
- City of San Clemente (CA) Water and Wastewater Rate Study
- San Diego County Water Authority (CA) Indexing Model and Wholesale Water Rate
- City of San Juan Capistrano (CA) Water Rate Study
- Santa Clara Valley Water District (CA) Project Evaluation -Water Conservation Project
- Santa Clarita Water District (CA) Retail Water Rate Study
- City of Santa Cruz (CA) Financial Plan, Water Budget Feasibility Analysis, Cost of Service and Rate Study, Drought Rate Study, Capacity Fees Update and Water Demand Offset Fees Analysis, and Alternative Water Supply Feasibility Analysis

- Scotts Valley Water District (CA) Water and Recycled Water Rate Study
- City of Shasta Lake (CA) Water Rate Study and Water and Wastewater Capacity Fee Study
- City of Sierra Madre (CA) Water and Sewer Rate Study
- City of Signal Hill (CA) Water Rate and Cost of Service Study
- City of Simi Valley (CA) Sewer Rate Study
- Soquel Creek Water District (CA) Water Rate Structure Study
- South Coast Water District (CA) Water Budget Assessment
- South Mesa Water Company (CA) Rate Structure and Recycled Water Rate Study
- City of South Gate (CA) Water Impact Fee
- Sunnyslope County Water District (CA) Water Rates and Capacity Fees
- Temescal Valley Water District (CA) Water and Sewer Rate Study and Capacity Fee Study
- Trabuco Canyon Water District (CA) Water Rate Study
- City of Thousand Oaks (CA) Water and Wastewater Cost of Service and Financial Plan Study
- City of Ventura (CA) Water and Wastewater Rate Study
- City of Vista (CA) Sewer Rate and Connection Fee Study
- Walnut Valley Water District (CA) Water Rate Study
- City of Watsonville (CA) Utility Enterprise Rate Study
- Western Municipal Water District (CA) Financial Plan, Capacity Fees, and Water Budget Rate Studies
- Yorba Linda Water District (CA) Sewer and Water Budget Rate Study, Financial Plan Study, and Cost of Service Rate Study
- Zone 7 Water Agency (CA) Cost of Services Study and Water Rate Study Update

PUBLICATIONS

- Gaur, S., Magu, D. "California Water Rate Trends: Maintaining Affordable Rates in a Volatile Environment", Journal American Water Works Association, September 2017, Volume 109, Number 9.
- Contributing Author to "M1 Principles of Water Rates, Fees and Charges" 7th Edition, American Water Works Association, 2017.
- Gaur, S., Giardina, R.D., Kiger, M.H., Zieburtz, W., "Committee Report: Ripples from the San Juan Capistrano Decision,"
 Journal American Water Works Association, September 2016,
 Volume 108, Number 9.
- Gaur, S., Alikhan, A., Kostiuk, K. "The Drought is over Now is the time to develop drought rates", CSMFO Magazine, July 1, 2016.
- Gaur, S., Alikhan, A., Crea, J. "Developing Drought Rates: Why Agencies Should Prepare for a Not-So-Rainy Day", January 2016, Volume 108, Number 1.
- Gaur, S., Isaac, Habib "There's Opportunity in the San Juan Capistrano Rates Decision", Source California-Nevada Section AWWA, Fall 2015, Volume 29, Number 4.
- Gaur, S., Atwater, D., "California Water Rate Trends," Journal
 American Water Works Association, January 2015, Volume 107, Number 1.

- Contributing Author to "Water and Wastewater Finance and Pricing: The Changing Landscape", 4th Edition, 2015, CRC Press, Editor: George Raftelis.
- Gaur, S., Atwater, D., Cruz, J., "Why do Water Agencies need Reserves?", Journal American Water Works Association, November 2014, Volume 106, Number 11.
- Gaur, S., Atwater, D., Lee, J., "Conservation Rates Offer Options," CA/NV Section of American Water Works Association, Spring 2014, Volume 28, Number 2.
- Gaur, S., Lim, B., Phan, K., "California Water Rate Trends," Journal – American Water Works Association, March 2013, Volume 105, Number 3.
- Contributing Author to "Water Rates, Fees and the Legal Environment", 2nd Edition, American Water Works Association, 2010 Editor: C.(Kees) W. Corssmit.
- Hildebrand, M. Gaur, S. and Salt, K. "Water Conservation Made Legal: Water Budgets and California Law", Journal of American Water Works, 101:4 April 2009, p.85-89.
- Gaur, S. "Policy Objectives in Designing Water Rates", Journal of American Water Works, 99:5 May 2007, p.112- 116.
- Gaur, S., "Adelman and Morris Factor Analysis of Developing Countries", The Journal of Policy Modeling, Vol. 19, Issue 4, pp. 407-415, August 1997.



SPECIALTIES

- · Financial plan development
- Cost of service
- Geophysical data analysis
- Groundwater sustainability analysis
- Excel modeling
- · Database management
- Technical report writing and review

PROFESSIONAL HISTORY

- Raftelis: Consultant (2019-present); Associate Consultant (2017-2018)
- GEOVision Geophysical Services: Senior Staff Geophysicist (2007-2017)
- GeoConcepts, Inc.: Staff Geologist (2005-2007)

EDUCATION

 Bachelors in Geology-California State University, San Bernardino (2012)

Lauren Demine

Staff Consultant

Consultant

Ms. Demine has a background in geology and geophysics. Her expertise includes geophysical data analysis, processing and modeling, and technical report writing and review. During her time as a geophysicist, she has worked with private firms and water districts to address capital infrastructure needs, mitigate the potential of groundwater contaminates, and evaluate the integrity of groundwater basins/well locations. Ms. Demine has developed financial models and conducted analyses for water and wastewater rate studies as well as capacity fee studies.

RELEVANT PROJECT EXPERIENCE

East Bay Municipal Utility District (CA)

East Bay Municipal Utility District (District) hired Raftelis in 2018 to perform a comprehensive wastewater cost of service study and to update the capacity fee for its wastewater utility. The last comprehensive cost of service study was done in 2015 for the wastewater treatment charges. As part of the study, Raftelis thoroughly examined the District's cost structure, analyzed wastewater flow and customers data, and evaluated alternative billable constituents to develop an equitable rate structure that meets Proposition 218 requirements and the District's goals and objectives. While the proposed treatment rates retain the current rate structure, the individual rates are realigned to reflect the cost of service. The Study was led by Hannah Phan, who served as the Lead Consultant for the Study. Ms. Demine assisted with data collection and model development for both the cost of service and capacity fee studies.

City of Galt (CA)

In early 2017, the City of Galt began working on a comprehensive wastewater rate study for the City. The goal of the project was to evaluate several cost allocation and rate structures to ensure compliance with Proposition 218. The Study was led by Andrea Boehling, who served as the Lead Consultant for the Study. Additionally, the City hired Raftelis to perform annual updates of the financial plan for both water and wastewater. Ms. Demine worked with the City and Project Manager to assist with completing the 2019 annual update.

City of Atwater (CA)

The City of Atwater commissioned Raftelis to develop financial plans and cost of service studies for their water and wastewater utilities. Located approximately eight miles northwest of Merced, CA, the City provides water service to approximately 7,600 customers and wastewater services to approximately 8,500 units. Ms. Demine assisted in updating the financial plans and developing the cost of service analysis for both utilities.

City of Livermore (CA)

The City hired Raftelis to perform a comprehensive Cost of Service Water and Wastewater Rate Study. The City set their rates internally and wanted to receive an independent review and update to its rates from an outside firm. Mr. Isaac served as Project Manager with Ms. Boehling as lead consultant. As part of the study, Raftelis provided recommendations to the rate structure to ensure compliance with the cost of service principles of Proposition 218. The study concluded in June of 2017 with unanimous approval of the proposed rates. Ms. Demine assisted with data collection and model development for both enterprises.

Lake Hemet Municipal Water District (CA)

The District commissioned Raftelis in 2017 to develop financial plans and cost of service studies for the water and wastewater services. The main objectives of the study were to ensure financial

sufficiency, meet operation and maintenance costs, and to ensure funding for both capital and reserves. Ms. Demine was responsible for gathering and analyzing data, creating the Garner Valley enterprise financial plan, developing the cost of service model and rate model, and assisted in drafting the detailed report highlighting the decisions made and the explaining the calculation of the final rates. As part of the study, Raftelis evaluated interfund loans between enterprises with varying repayment terms and modeled various rate structures.

Helix Water District (CA)

The Helix Water District (District) hired Raftelis to conduct a comprehensive cost of service analysis and financial plan update. The last cost of service study was conducted back in 1988 and needed to be updated to be in compliance with Government Code Section 54999.7(c). Rates for a five-year period were adopted in October of 2015. Additionally, the District hired Raftelis to perform annual updates of the financial plan. Ms. Demine worked with the District and Project Manager to assist with completing the 2018 annual update.

Leucadia Wastewater District (CA)

The district hired Raftelis to update its financial plan for both its wastewater and recycled water enterprises and to update the capacity fee for its wastewater utility. The main objectives of the study were to ensure long-term financial sufficiency, meet operation and maintenance costs, and to ensure funding for both capital and reserves over a 20-year planning period. The Study was led by Andrea Boehling, who served as the Project Manager for the Study. Ms. Demine assisted with data collection and model development for both enterprises.

Monterey County Water Resources Agency (CA)

Ms. Demine assisted in the preparation of the 2017 new source waters study report for Monterey County Water Resources Agency. In this report, she documented the cost analysis for the operation and maintenance of new source waters as well as the capital costs of the new source waters. New source waters included additional agricultural wash, pond water, and new treated effluent from industrial users.

Sierra Madre (CA)

Ms. Demine assisted in the preparation of the 2018 comprehensive water and wastewater cost of service study report for the City of Sierra Madre. The purpose of this study was to develop a financial plan and design rates for the City's utilities over the next five years.

OTHER RELEVANT PROJECT EXPERIENCE

As a geophysicist for GEOVision Geophysical Services, Ms. Demine was responsible for conducting subsurface investigations. She was also involved in helping to determine the best geophysical method to meet the client's needs. Ms. Demine was responsible for efficiently managing and organizing the data collection, analysis, and processing phases of the geophysical investigation. She has worked on projects ranging from determining the depth and lateral extent of groundwater tables in various basins, gathering data on bedrock properties for the construction or repair of various infrastructure projects (e.g. dams, tunnels, and pipelines), relocating abandoned water wells, locating the depth and/or lateral extent of contamination plumes or seawater intrusion, and determining the best location for the placement of new water wells.

Related Geophysical experience:

- Monterey Interlake Tunnel
- · Cadiz Inc. Pipeline
- Stringfellow Acid Pits
- Hinkley, CA Chromium Cleanup
- Catalina Seawater intrusion analysis
- Oroville Dam
- Sierra Madre Dam
- San Vicente Dam



SPECIALTIES

- · Statistical Data Analysis
- Natural Resource Economics
- Financial Modeling

PROFESSIONAL HISTORY

- Raftelis: Consultant (2019-present)
- California Data Collaborative: Research Fellow (2018-19)
- UC Riverside Environmental Science Dept.: Graduate Researcher (2010-18)
- World Resources Institute: Africa Program Coordinator (2007-10)

EDUCATION

- Doctor of Philosophy in Environmental Economics & Policy - University of California, Riverside (2018)
- Master of Arts in International Development Studies - Brown University (2005)
- Dual Major in Biology and International Relations - Boston University (2001)

Arisha Ashraf

Staff Consultant

Consultant

Arisha enjoys problem-solving to improve efficiency. This stems from her interest background in economics and natural love of learning. She has multi-disciplinary academic training, and worked in non-profit, start-up, university, and business settings. Arisha is excited about further building her excel skills, and how big data will be incorporated into our financial analyses.

RELEVANT PROJECT EXPERIENCE

California Data Collaborative (CA)

Arisha worked with this innovative start-up company to analyze water conservation behavior in Southern California water utility customers. This included data for over 30K single-family accounts.

UC Riverside Environmental Sciences Department (CA)

Arisha surveyed Southern California farmers on their water management practices and the impact of climate change. She performed econometric analysis on her survey data with a team of 4 undergraduate students. She is in the process of publishing her research results. Arisha also served as a Teaching Assistant for undergraduate classes in environmental economics and environmental science classes.

World Resources Institute (DC)

Arisha managed budgets totaling \$3M for resource conservation and poverty reduction projects in Senegal, Uganda, Cameroon, and the Democratic Republic of Congo. She also prepared evaluation reports for 3 large projects from the World Bank, Gates Foundation, and the German International Development Fund. In addition, she developed proposal and public outreach material.

PUBLICATIONS

- Ashraf A, Dinar A, Gonzalez-Rivera G, Khan T, and R Amin. (Projected submission: March 2019). Water Management Decisions under Drought Conditions: Results from a Farm-Level Survey in Southern California.
- Ashraf A, Dinar A, Khan T, and J Gonzalez. (Submitted December 2018). Farm-level Ricardian Analysis of Desert and Southern Regions of California.
- Dinar A, Ashraf A, and J Reints. (2017). Farmer Adoption of Water Management Practices in Response to Recurrent Drought. American Association of Agricultural Economics Choices Magazine, 32(4).
- Ashraf A, Dinar A, Montiero E, and T Gaston. (2016). Adaptation in California Agriculture: What Have We Been Assessing for Two and a Half Decades? Climate Change Economics, 7(2).
- Ashraf A and P Veit. (2010). Assessing Sub-Saharan Africa's Water Future under Alternative Policy Scenarios. Background Report to the 2010 African Development Report.

PRESENTATIONS

- Western Economic Association International Annual Meeting, 2018
- University of California Cooperative Extension Annual Meeting, 2018
- Giannini Graduate Symposium, 2011-2017
- Southern California Association of Governments, May 2017
- Annual Environmental Sciences Graduate Symposium, 2011-2016



Raftelis provides utilities and public-sector organizations with insights and expertise to help them operate as high-performing, sustainable entities providing essential services to their citizens. We help our clients solve their finance, organizational, and technology challenges, achieve their objectives, and, ultimately, make their communities better places to live, work, and play.

Size of the Firm: 98 employees

Office Location: 24640 Jefferson Ave., Suite 207. Murrieta. CA 92562

Declaration/Affirmative Statement:

Raftelis does not have a conflict of interest relative to conducting the proposed study. Raftelis also does not have any past relationships involving the City, its Directors, and its employees.

THE DISTRICT & RAFTELIS

The Right Fit

We believe that Raftelis is the right fit for this project. We provide several key factors that will benefit the District and help to make this project a success.



RESOURCES & EXPERTISE

This project will require the resources necessary to effectively staff the project, and the skillsets to complete all of the required components.

With more than 80 consultants, Raftelis has the largest water-industry financial and rate consulting practice in the nation. Our depth of resources will allow us to provide the District with the technical expertise necessary to meet your objectives. In addition to having many of the industry's leading rate consultants, we also have experts in key related areas, like stakeholder engagement and data analytics, to provide additional insights as needed.



DEFENSIBLE RECOMMENDATIONS

When your elected officials and customers are considering the validity and merit of recommended changes, they want to be confident that they were developed by experts using the latest industry standard methodology.

Our senior staff are involved in shaping industry standards by chairing various committees within the AWWA and WEF. Raftelis' staff members have also co-authored many industry standard books regarding utility financial planning and rate setting. Being so actively involved in the industry will allow us to keep the District informed of emerging trends and issues, and to be confident that our recommendations are insightful and founded on sound industry principles. In addition, with Raftelis' registration as a Municipal Advisor, you can be confident that we are fully qualified and capable of providing financial advice related to all aspects of utility financial planning in compliance with federal regulations.



HISTORY OF SIMILAR SUCCESSES

An extensive track record of past similar work will help to avoid potential pitfalls on this project and provide the know-how to bring it across the finish line.

Raftelis staff have assisted 1,000+ utilities throughout the U.S. with financial and rate consulting services, with wide-ranging needs and objectives. Our extensive experience will allow us to provide innovative and insightful recommendations to the District, and will provide validation of the Agency's long-term financial plan ensuring that industry best practices are incorporated.



USER-FRIENDLY MODELING

A modeling tool that your staff can use for scenario analysis and financial planning now and into the future will be key for the District going forward.

Raftelis has developed some of the most sophisticated yet user-friendly financial/rate models available in the industry. Our models are tools that allow us to examine different policy options and cost allocations and their financial/customer impacts in real time. Our models are non-proprietary and are developed with the expectation that they will be used by the client as a financial planning tool long after the project is complete.



EXPERTS ON CALIFORNIA REGULATORY REQUIREMENTS

This expertise will allow the District to be confident that our recommendations take into account all of these regulatory requirements.

The regulatory environment in California has become more stringent due to Proposition 218. Besides developing well thought out financial plans, Raftelis staff are very knowledgable about these regulations and have made presentations on this subject at various industry conferences. In addition, we are frequently called on to be expert witnesses regarding these regulatory matters.

RAFTELIS

years
serving the
utility industry

How we stack up

Our team includes

consultants
focused on utility finance/
organization/technology

S current and previous AWWA and WEF committee and division chairs

AWWA, WEF, and NACWA utility finance and management committees

Raftelis has provided financial/organizational assistance for

1,000+ water/wastewater/stormwater utilities

which serve more than

25% of the U.S. population

and includes the utilities serving

of the nation's 50 largest cities

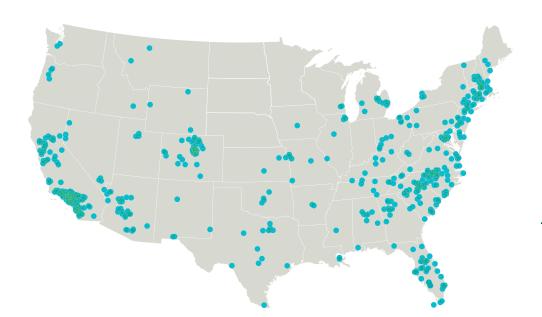
In the past year alone, we worked on

600+ projects 400+ utilities 40 states

Representative Study Descriptions and Client References

RAFTELIS HAS THE MOST EXPERIENCED UTILITY FINANCIAL AND MANAGEMENT CONSULTING PRACTICE IN THE NATION.

Our staff have assisted more than 1,000 utilities across the U.S., including some of the largest and most complex agencies in the nation. In the past year alone, Raftelis worked on more than 600 financial/organizational/technology consulting projects for over 400 water, wastewater, and/or stormwater utilities in 40 states, the District of Columbia, and Canada.



Raftelis has provided financial/organizational/ technology assistance to utilities serving more than

25%

of the U.S. population.

This map and the matrix on the following page shows some of the utility clients that we have assisted.

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CALIFORNIA EXPERIENCE This table lists the California utilities	Affordability Analysis & Program Development	ort		li ing					Development / Impact Fees		Organizational Optimization	Water/Wastewater Utility Valuation
that Raftelis has assisted over the past five years on financial, rate, and/	alysi	ddn	ion	apita	ort				lmp	Ϊţ	Opti	ter l
or management consulting projects.	y An Deve	Debt Issuance Support	Dispute Resolution	Financial and Capital Improvements Planning	Rate Case Support	_	<u>.s</u>	Service	nt /	Stormwater Utility Develoment	nal	tewa
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Alameda County Water District Anaheim, City of				•					•			
Arroyo Grande, City of												
Atwater, City of												
Bakersfield, City of												
Benicia, City of		•										
Beverly Hills, City of												
Borrego Water District												
Brea, City of												
Brentwood (CA), City of												
CAL FIRE/San Luis Obispo												
Calleguas Municipal Water District				•			•					
Camarillo, City of												
Carlsbad Municipal Water District												
Casitas Municipal Water District												
Castaic Lake Water Agency												
Central Basin Municipal Water District												
Central Contra Costa Sanitary District		•					•					
Channel Islands Beach Community Services District												
Chino Hills, City of												
Chino, City of												
Chowchilla, City of												
Corona, City of												
County of San Diego				•								
Crescenta Valley Water District												
Cucamonga Valley Water District												
Del Mar Union School District												
Delta Diablo Sanitation District												
East Bay Municipal Utility District				•								
East Orange County Water District												
East Valley Water District												
Eastern Municipal Water District												
El Toro Water District												
Elk Grove Water District	•											
Elsinore Valley Municipal Water District												
Escondido, City of		•										
Galt, City of												
Glendora, City of						•						
Goleta Water District				•								
Goleta West Sanitary District			•						•			
Helix Water District												
Henderson, City of									•			
Hollister, City of												
Holtville, City of												
Huntington Beach, City of						•	•					
Imperial County												
Inland Empire Utilities Agency												

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	ent	ť		ng					Development / Impact Fees		Organizational Optimization	Water/Wastewater Utility Valuation
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Irvine Unified School District		•										
Jurupa Community Services District				•		•	•	•				
Kern County Water Agency					•							
La Canada Irrigation District				•		•		•				
La Habra Heights County Water District				•		•	•	•	•			
Laguna Beach, City of				•								
Lake Valley Fire Protection District				•			•					
Las Virgenes Municipal Water District				•		•		•				
Leucadia Wastewater District				•		•		_	_			
Livermore, City of		_		•					•			
Long Beach City of		•		•								
Los Alamos Community Services District		•		•					•			
Los Angeles Department of Water and Power												
Los Angeles, City of Bureau of Sanitation				•	•							
Madera, City of Mammoth Community Water District		•										
Marin Municipal Water District												
Merced, City of				•								
Mesa Water District												
Metropolitan Water District of Southern California												
Modesto Irrigation District						•						
Mojave Water Agency				•			•					
Monterey County Water Resources Agency				•								
Monterey, City of		•		•		•	•					
Moulton Niguel Water District									•			
Municipal Water District of Orange County					•			•				
Napa Sanitation District				•		•		•				
Ojai Valley Sanitary District				•		•		•				
Olivenhain Municipal Water District				•		•	•					
Ontario Municipal Utilities Company								•				
Ontario, City of				•		•	•	•				
Orange, City of				•		•		•				
Palo Alto, City of				•		•	•	•				
Phelan Pinon Hills Community Services District	•			•		•		•	•			
Placer County Water Agency												
Pleasant Hill Recreation & Park District				•								
Pomona, City of												
Rainbow Municipal Water District							•					
Ramona Municipal Water District												
Rancho California Water District				•								
Redlands, City of Rincon del Diablo Municipal Water District												
Riverside Public Utilities												
Roseville, City of		•										
Sacramento Regional County Sanitation District												
Sacramento, City of				•		•		•		•		
Salton Community Services District												

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	+			-					Development / Impact Fees		Organizational Optimization	Ϊţ
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San Bernardino Valley Municipal Water District						•						
San Bernardino, County of				•		•		•	•			
San Clemente, City of				•		•	•	•				
San Diego, City of Public Utilities Deptartment		•	•	•		•	•	•	•			
San Dieguito Water District				•		•		•				
San Elijo Joint Powers Authority				•	•	•	•	•	•			
San Gabriel County Water District				•		•		•				
San Gabriel, City of				•		•		•				
San Jose, City of								•		•		
San Juan Capistrano, City of				•		•	•	•	•			
Santa Ana, City of								•				
Santa Barbara, City of				•		•	•	•	•			
Santa Clara Valley Water District			•	•	•							
Santa Clarita Water District		•		•		•	•	•	•			
Santa Cruz, City of				•		•	•	•				
Santa Fe Irrigation District				•		•	•	•	•			
Santa Fe Springs, City of				•		•		•				
Santa Margarita Water District				•		•	•	•				
Santa Rosa, City Attorney's Office									•			
Scotts Valley Water District		•		•		•	•	•	•			
Shafter, City of				•		•		•				
Shasta Lake, City of				•		•	•	•				
Sierra Madre, City of	•			•		•		•				
Signal Hill, City of				•		•		•				
Simi Valley, City of				•		•	•	•	•			
Sonoma, City of				•		•		•				
South Mesa Water Company				•		•	•	•				
South Pasadena, City of				•		•		•				
South San Francisco, City of				•				•				
Sunnyslope County Water District				•		•	•	•	•			
Sweetwater Authority				•		•		•				
Temescal Valley Water District				•		•		•	•			
Thousand Oaks, City of				•		•	•	•	•			
Torrance, City of				•		•		•				
Trabuco Canyon Water District				•		•		•				
Triunfo Sanitation District				•		•		•				
Tustin, City of				•		•		•				
Union Sanitary District				•		•	•	•	•			
Ventura Regional Sanitation District				•		•		•				
Ventura, City of	•	•	•	•	•	•	•	•	•			
Vista, City of				•		•			•			
Walnut Valley Water District				•		•		•				
Watsonville, City of	•			•		•	•	•				
West Basin Municipal Water District				•		•	•	•				
Western Municipal Water District				•				•	•			
Yorba Linda Water District				•		•		•				
Zone 7 Water Agency				•		•		•				

We have included descriptions ofsimilar projects that we have worked on within the past five vears.

We have included references for each of these clients and urge you to contact them to better understand our capabilities and the quality of service that we provide.

East Valley Water District

CALIFORNIA

Contact Person:

Brian Tompkins Chief Financial Officer 31111 Greenspot Road Highland, CA 92346 P: 909 381 6463

E: btompkins@eastvalley.org

Raftelis prepared a 10-year financial plan evaluating the operating and capital expenses, debt service, and reserve requirements of the East Valley Water District (District) and associated rates to recover the required revenue. From inception, the District desired to adjust from the current uniform rate structure to one that complimented their long-term strategic goals of ensuring water efficiency and assisting with water management. As a result, the District decided to move forward with budget-based rates that drilled down to the account level. Given the District's uniform rate structure, the analysis included the development of a sound nexus for determining appropriate tiered breakpoints per account as well as unit costs by tier to clearly show how higher tiered usage incurs additional cost of providing service. The model analyzed usage at the account level and provided water allotments to each for indoor needs and outdoor needs. Outdoor needs incorporated GIS data for each account which was married to the District's consumption files.

The adopted rates, resulting from the comprehensive cost of service analysis, unbundled rate components to convey the true cost of various service components and to continue to equitably pass on the cost of water services to users. Raftelis designed a water budget rate structure which ensured revenue stability, financial sufficiency, and provided the appropriate price signal for different supply costs, peaking costs, and conservation program funding for the District. The following outlines the methodology used to develop the water budget rate structure:

- Indoor allocations varied by the number of occupants and outdoor allocations varied based on climate data and irrigable area compiled from GIS and parcel data
- The irrigable area was determined by the District's GIS consultants using aerial photography of parcel area less the building area acquired from the Assessors' Secured Roll
- The allocation budgets considered irrigation efficiency and type of landscape

Next, Raftelis developed a water budget rate model that allowed the District to quickly view the impacts of alternative rates and budgets, which aided policy makers in making well-informed decisions in a timely manner. This tool proved invaluable when presenting the results in a graphical format to the District's Board of Directors because it enabled them to easily see the impacts of different water budgets on their customers in real-time, and as a result, the Board adopted the water budget rate structure.

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City of San Diego

CALIFORNIA

Contact Person:

Lee Ann Jones-Santos Assistant Director - PUD 525 B St, San Diego, CA 92101 P: 858.614.4042 E: LASantos@sandiego.gov

Raftelis has worked with the City of San Diego (City) on several financial and rate consulting engagements over the years. We are currently serving as the City's rate consultant and are assisting with financial planning, water and wastewater cost of service studies, groundwater valuation study, industrial wastewater treatment User Fees, renewable energy revenue enhancements, and the security of federal and state funding.

The most recent projects included a 30-year long term financial plan (LTFP) for both the water enterprise and wastewater enterprise. During the development of each LTFP, Mr. Isaac reviewed the financial and reserve policies with City Staff and discussed the various metrics the City uses to determine the health of each enterprise. These metrics included, reserve levels, debt coverage, level of capital funding in relation to depreciation, days of cash on hand, and rate impact to its customers from any recommended rate increases. Mr. Isaac and Ms. Boehling are continuing to work with the City on an annual basis for ongoing updating of the LTFPs as part of their annual budgetary process.

The studies also incorporate extensive collaboration and stakeholder involvement. Selected stakeholders represent a variety of commercial businesses and residential communities in the City. Metropolitan Wastewater Department (Metro) provides wastewater services to the City and 14 other participating agencies (PAs) that are part of a regional wastewater system. The study includes a comprehensive review of the City's revenue requirements and allocation methodology, review of the City's user classification, and an analysis of cost of service and rate design for City users. The City uses the functional cost allocation methodology for charging the strength parameters of COD and SS. Raftelis is currently reviewing the classification methodology and the customer classification to ensure equity. The rate structure modifications will be recommended to provide a more equitable sharing of costs consistent with regulatory requirements. Rate design includes an evaluation of rate structure alternatives with emphasis on incorporating a uniform monthly base fee in conjunction with volume rates. The study also includes a review of the City's capacity charges incorporating a hybrid method of buy-in and incremental costs associated with providing service to new customers.

The water rate study involves evaluation of billing data, extensive analysis of the capital improvement program, allocation of CIP capacity between expansion and replacement, and financial modeling to demonstrate City compliance with regulatory requirements. Capacity charge calculations have been incorporated into the rate model to determine the effects on the City and ensure adequate revenue collection. Cost of service rates will be developed based on AWWA methodologies using the base-extra capacity method, as well as transition rates, to provide smooth transition to cost of service-based rates.

Raftelis has worked with the City of San Diego (City) on several financial and rate consulting engagements over the years. We are currently serving as the City's rate consultant and are assisting with water and wastewater cost of service studies.

Temescal Valley Water District

CALIFORNIA

Contact Person:

Jeff Pape General Manager 22646 Temescal Canyon Road Temescal Valley, CA 92883 P: 951.677.6323 E: jeffp@temescalvwd.com

In early 2016, the Temescal Valley Water District (District) engaged Raftelis to conduct a comprehensive Water, Recycled Water, and Wastewater rate study (Study). The Study included a comprehensive review of the District's financial plan, usage trends, accounts, customer types, capital improvement plan, and reserves to establish equitable rates that provide sufficient revenue over the study period. The major objectives of the study included the following:

- Develop financial plans for the water, recycled water, and wastewater enterprises to ensure financial sufficiency, meet operation and maintenance costs, and ensure sufficient funding for capital replacement and refurbishment needs
- Develop sound and sufficient reserve fund targets
- Review current rate structures and recommend adjustments where necessary

Raftelis worked closely with the District to model the District's revenue requirements, including adequate reserve funding to ensure the long-term health of the utility systems. Raftelis developed a 10-year financial plan model to assess the risks of water supply variance, capital spending plans, and various levels of reserve funding. Raftelis presented the Model to the Finance Committee and District Board at various working sessions to show the District's financial health under each scenario. Raftelis then performed a cost of service analysis to review the equity of

the rates and existing rate structures and made recommendations to modify the rate structures to meet the goals and objectives of the District.

As part of the Study, Raftelis developed the Temescal Valley Water District Rate Report (Report) to be used as an administrative record. The Report highlighted the major issues and decisions made during the course of the Study, provided an overview of the operations, CIP, and the financial plans, and discussed and explained the cost of service analysis and methodologies used to develop the final rates.

In addition to the Rate Study, the District also engaged Raftelis to evaluate and update the Water, Recycled Water, and Wastewater Capacity fees and to ensure compliance with regulatory and industry standards. Raftelis obtained and reviewed the latest planning documents and worked closely with District staff to assess the growth in new users, the related demands expected to be placed on each utility, and to determine the capital improvements that will benefit future customers versus existing customers. During the course of the study, Raftelis evaluated the various approaches and made recommendations as to the most equitable method(s) to be used for each of the enterprises. The calculation of the final fees depended on fixed assets, planned capital improvements, capital financing assumptions, system capacities, and the level of service or demand required to serve new customers.

Raftelis presented the results of both studies to the Board of Directors. The public hearing will be held towards the end of January.

Helix Water District

CALIFORNIA

Contact Person:

Lisa Stoia **Director of Admin Services** 7811 University Ave. La Mesa, CA 91942 P: 619.667.6205 E: lisa.stoia@helixwater.org

In 2014, Helix Water District (the District) contracted with Raftelis to conduct a water cost of service and rate study to develop a finan-

cial plan as well as design water rates for the District over the next five years. The District provides water service to approximately 55,000 customer accounts, serving a population of approximately 270,000 residents in San Diego County.

More than 10 years had passed since the District's last adopted "Cost-of-Service" study and a new one had to be performed per Government Code Section 54999.7(c), which requires it be performed at least once every 10 years.

Given the length of time since the last adopted comprehensive rate study, one specific project challenge was determining the best rate structure for the District to implement moving forward. As such, Raftelis conducted a pricing objective workshop with the Board to explore rate alternatives that would best fit the District's goals and objectives. Based on the results from the pricing objectives workshop, Raftelis was able to develop a rate structure that met the District's needs and was fully compliant with Proposition 218.

Lake Hemet Municipal Water District

CALIFORNIA

Contact Person:

Mike Gow General Manager 26385 Fairview Ave, Hemet, CA 92544 P: 951.658.3241 E: mgow@lhmwd.org

Mr. Isaac assisted the Lake Hemet Municipal Water District (District) with their long-term financial plan (LTFP). The District hasn't completed a comprehensive financial plan in quite some time and decided to engage an outside consulting firm to bring in a new perspective and identify certain best management practices t consider for the financial plan update. Mr. Isaac reviewed the District's operational budget for both of its service areas - Hemet / San Jacinto and Garner Valley – which are provided utility services as well as recreation facilities. The LTFP extended 10 years and accounted for new capital projects, debt obligations, updated usage and flow characteristics the District, and revenues, which included property tax, utility rates and user fees in connection to the District's campground facilities. As part of working thought the update, Mr. Isaac presented at a number of workshops to discuss and walk-though the District's current financial position, their strategic objectives, financial and reserve policies, and recommendations to ensure the District maintains a strong financial position for the foreseeable future. In addition to the financial plan, Mr. Isaac also provided guidance on funding options for capital expenses and rate alternatives to ensure revenue recovery was adequate to achieve success. Currently, the project is 90% complete and will be presented to the Board in late October.

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Elsinore Valley Municipal Water District

CALIFORNIA

Contact Person:

Margie Armstrong Director of Finance 31315 Chaney Street Lake Elsinore, CA 92531 P: 951.674.3146 x8306 E: margie@evmwd.net

Elsinore Valley Municipal Water District (District) provides public water service, wastewater treatment, and water recycling services to over 134,000 customers over its 97 square miles of service area within Riverside County and a portion of Orange County. As a member agency of Metropolitan Water District of Southern California (MWD) via Western Municipal Water District (WMWD), the District relies on imported water for approximately 70% of its potable water supply needs. Like many water agencies across Southern California, the District has been faced with the challenge of meeting demand despite dwindling water supplies and increased imported water costs. In order to promote conservation, the District adopted a water budget rate structure for all residential and recycled water accounts in July of 2009, which was most recently updated in July 2014.

In order to better financially manage all 15 enterprise funds, the District needed a comprehensive, yet user-friendly financial plan model which could be used to facilitate communications between staff and the District's Board of Directors about the financial implications of different financial policies and capital projects. In 2012, the District engaged Raftelis to develop a customized 25-year Financial Plan Model (Model) with the ability to conduct scenario analysis. The interactive dashboard of the Model displays the Long-Term Financial Plan of the 15 enterprise funds in graphical format. The built-in scenario manager enables the Model users to save, load, and compare the results of different assumptions, inputs, and CIP scenarios. Customized financial reports in preset printed format can be generated at individual enterprise level and at aggregate level for the whole District. The Financial Plan Model was submitted to the District in April 2014 to be used and updated by the District staff annually to ensure the District's financial health and solvency.

In December of 2013, the District retained Raftelis to revise and fine tune the water budget rate structure, and to develop cost of service-based rates for its water and recycled water utilities to promote further conservation and to develop the nexus requirement for each charge for services as required by Proposition 218. In this Study, Raftelis developed the Water Budget Rate Model (Rate Model) with the ability to review different water budget factors, such as default household size, gallons per capital per day (GPCD) for indoor use and landscape factors for outdoor use and drought

factors to be used during water supply shortages to reduce water allocation. The Rate Model also had the ability to revise the Tier definitions and included the detailed cost allocations to appropriately allocate revenue requirements to different cost categories using industry standards practices and ultimately to assign to different rate components to develop the nexus requirements between the costs and the rates. The Rate Model included the usage and customer information for each account within the District's service area to conduct detailed usage analysis to help assessing the impacts of different water budget factors and rate structures on customers. As part of the Study, Raftelis developed the 2015 Water Rate Study Report (Report) to be used as an administrative record. The Report highlighted the major issues and decisions made during the course of the Study, and explained the cost of service analysis and methodology used to develop the final rates. The explanation of the methodology found within the Report demonstrates that the rates are equitable, reflect the District's policies and values, and are driven by the District's revenue requirements.

Through late 2014 and into early 2015, California has experienced one of the most severe droughts in state history. The District currently purchases 70 percent of its potable water supply from MWD via WMWD. To address water supply issues MWD developed the Water Supply Allocation Plan (WSAP) which provides reduced allocations to wholesale customers within MWD's service area. In turn, WMWD adopted a methodology to determine the allocation to its retail agencies. Retail agencies, such as the District, can purchase water above the allocation, but such purchases are subject to severe penalties.

In May 2015, the District engaged Raftelis in a Drought Rate Study to develop the water reduction methodology to ensure demand stay within allocation for each drought stage and to develop drought surcharges applied on monthly billed usage to recover the drought related costs for each stage. As part of the Study, Raftelis conducted financial impact analyses on revenues, expenditures to determine the drought related costs for each drought stage.

In addition to the rates studies, in 2015, the District also hired Raftelis to update its Capacity Fees for both Water and Wastewater enterprise funds. The project is still active and once the Master Plans are completed, revisions will be made to the Capacity Fee Reports to reflect all updated to the Master Plan. The Methodology incorporates a Buy-In Component for facilities funded through debt financial and an Incremental Cost Component to account for specific proposed improvements that will be constructed solely for the purpose of accommodating growth. Through this approach, new development will payback rate payers for pre-funded facilities and ensure that "Growth pays for Growth" for the necessary additional facilities.

EXCEPTION 42

Exception

We respectfully request that the District revise the payment term from net 60 days to net 30 days.



Beaumont-Cherry Valley Water District Regular Board Meeting May 8, 2019

Item 4

STAFF REPORT

TO: Board of Directors

FROM: Dan Jaggers, General Manager

SUBJECT: Consideration of Request for Extension of Will-Serve Letter for Previously-

Approved Development: Tract 32850, a proposed 30-acre single-family residential development located at Assessor's Parcel No. 421-110-014 in the City

of Beaumont

Staff Recommendation

Consider the request for a sixth extension of "Will Serve Letter" for Tract 32850, a proposed 30-acre single-family residential development located in the City of Beaumont:

- A. Approve the request for extension of "Will Serve Letter" for Water Service for one year, or;
- B. Defer the request for extension of "Will Serve Letter" for Water Service pending resolution of securing agreement for supply of recycled water from the City of Beaumont, and securing a report of water supply conditions from the San Gorgonio Pass Water Agency, or;
- C. Deny the request for extension of "Will Serve Letter" for Water Service

Background

The Applicant, Daniel Haskins (Land Engineering Consultants, Inc.), has submitted a request (see Attachment 1 – Request for Extension of "Will Serve Letter") for a sixth extension of "Will Serve Letter" dated March 15, 2019 on behalf of the property developer (Mozafar Behzad) and owners (Hamid Roknian and Rozita Roknian). This project has received five (5) previous "Will Serve Letter" extensions in 2014, 2015, 2016, 2017 and 2018. The most recent "Will Serve Letter" extension for this project was approved at the District's May 9, 2018 Board meeting (see Attachment 2 – May 9, 2018 Board Agenda Staff Report) which extended the expiration date of the previous "Will Serve Letter" for one year, and noted that the 2018 consideration was the final extension.

The applicant has provided the District a letter of interest (see Attachment 3 – Letter of Interest) from Richmond American Homes stating they are in the process of purchasing Tract 32850 from the owners. Said home builder plans to begin work on Tract 32850 immediately after purchase. The development of said Tract is dependent on the final sale of the property.

The District's original project "Will Serve Letter" dated June 20, 2005, identifying the project as approved for annexation and water service by the Beaumont-Cherry Valley Water District Board of Directors, is attached for reference (Attachment 4 – Original "Will Serve Letter). Tract 32850 was annexed into the District's Service Area Boundary on August 18, 2006 under LAFCO Annexation 2005-105-2. Tract 32850 is identified in the District's 2013 Urban Water Management Plan Update.



In 2014, the Developer indicated they were requesting an extension to show continued project approval to building partners with whom the Developer was then negotiating to construct the project. In 2015 and 2016, the developer indicated they were requesting a second and third extension with expectations that the project would move forward. In 2017, the developer indicated they were requesting a fourth extension due to home sale prices rising and becoming profitable. The applicant indicated in 2018 that there was an interested potential buyer of the development, which was never executed.

Subsequent to issuance of the July 15, 2016 "Will Serve Letter" extension, the developer also identified issues with the project construction documents that required correction. In 2015-2016, the developer discovered grading design issues specifically relating to project requirements for imported fill and associated retaining walls necessary to accommodate the proposed project grading. Due to these issues, the developer re-designed the project grading plan. This re-design affected the water and non-potable water improvement plans vertical alignment and required redesign of those plans. The District approved the final re-designed water and non-potable water improvement plans on February 22, 2017. This represented the second update to the original improvement plans which were approved by the District on September 9, 2007.

In 2018, the District set several conditions for the applicant to meet, as referenced in Attachment 2 – May 9, 2018 Board Agenda Staff Report. Although the Applicant did not meet all conditions, said Applicant has presented documentation from the newly interested party for purchase of the Development, for the Board's consideration of an additional extension.

Tract 32850 associated dwelling units are set forth as follows:

Tract	Dwelling Units or EDUs
32850	95 DU

The requested "Will Serve Letter" extension includes domestic (potable) water service and non-potable (recycled) water service as part of the Development of Tract 32850. The Applicant has secured the final project approvals from the City of Beaumont. The impact of this development on the District's water supply system is identified in the District's 2016 Urban Water Management Plan.

Should the Board approve the extension of the "Will Serve Letter," the following will apply:

Conditions of Development:

Prior to final project development the following conditions must be met:

- 1. The Applicant shall enter into a water facilities extension agreement and pay all fees associated with the domestic and non-potable water services for the Project. The Applicant shall also pay all fees related to new fire service facilities including any facilities improvements that may be necessary to meet the fire flow requirements.
- 2. The Applicant shall pay front footage fees along all property frontages where facilities are currently installed.
- The Applicant shall connect to the non-potable water system for irrigation supply. To
 minimize the use of potable water, the District requires the applicant conform to the City
 of Beaumont Landscaping Ordinances and Zoning Requirements and/or County of



Riverside Landscaping Ordinances (whichever is applicable) which pertain to water efficient landscape requirements and the following:

- a. Landscaped areas which have turf, shall have "smart irrigation controllers" which use Evapotranspiration (ET) data to automatically control the watering. Systems shall have an automatic rain sensor to prevent watering during and shortly after rainfall and automatically determine watering schedule based on weather conditions, and not require seasonal monitoring changes. Orchard areas, if any, shall have drip irrigation.
- b. Landscaping in non-turf areas should be drought tolerant consisting of planting materials. Irrigation systems for these areas should be drip or bubbler type.
- 4. The Applicant shall conform to all District requirements and all City of Beaumont requirements.

Fiscal Impact:

None. All fees and deposits will be paid by the Applicant prior to providing service.

Attachments

Figure 1 – Site Map

Attachment 1 – Letter of Request for Extension of "Will Serve Letter"

Attachment 2 - BCVWD Staff Report - May 9, 2018

Attachment 3 – Letter of Interest, Dated March 14, 2019

Attachment 4 – Original "Will Serve Letter"

Prepared by Aaron Walker



FIGURE 1 – SITE MAP





Civil Engineering • Land Planning • Surveying • Public Works Construction & Storm Water Management

ATTACHMENT 1 - LETTER OF REQUEST FOR EXTENSION OF "WILL SERVE LETTER"

March 15, 2019

Mr. Dan Jaggers, General Manager Beaumont Cherry Valley Water District 560 Magnolia Avenue Beaumont, CA 92223-2258

RE: Request for an Updated "Will Serve Letter" for this Previously Approved Development, Tract 32850, a thirty (30) Acre project consisting of Ninety-Five (95) Single Family Homes, located adjacent and west of Manzanita Park Road, approximately one-thousand feet (1,000') south of Potrero Boulevard in the City of Beaumont, California. APN 421-011-014:

Dear Mr. Jaggers,

On behalf of our client/developer Mr. Mozafar Behzad, and Mr. & Mrs. Hamid & Rozita Roknian, owners of Tract 32850, please allow this letter to serve as a formal request to extend the Will Serve Letter for the above referenced project.

Last year on May 9, 2018, this project received approval to extend its original June 20, 2005 Will Serve Letter from the board of the Beaumont Cherry Valley Water District (District) for another year. As discussed, all project improvement plan mylars were recently approved in 2017 by the District and the City of Beaumont.

The owner of the property has diligently pursued negotiations for the development of the project since the board approval last year and is currently finalizing its purchase agreement with Richmond American Homes. Richmond American Homes has provided the attached letter addressed to the District indicating they are "in process to purchase Tract 32850 from the owners", and that "after purchase, Richmond American Homes plans to immediately begin work to build the 95 homes."

As the expiration of the current water service letter is forthcoming, the property owner is respectfully requesting another extension for the project. Please place this item on the appropriate board agenda date prior to the expiration to ensure it is reviewed and acted upon prior to expiration.

On behalf of the project owners and ourselves, we thank you in advance for your assistance with this request.

If you should have any questions or comments, or need additional information please contact us.

Sincerely,

LAND ENGINEERING CONSULTANTS, INC.

Daniel J. Haskins

Principal

Cc: Mozafar Behzad, Beaumont Properties, LLC (Co-Owner)

Hamid & Rozita Roknian, Beaumont properties, LLC (Co-Owner) Alex Wong, Director - Land Acquisition, Richmond American Homes

Mark Swanson, Senior Engineer, Beaumont Cherry Valley Water District

Steven H. Ritchey, President - Land Engineering Consultants, Inc.



Beaumont-Cherry Valley Water District Regular Board Meeting May 9, 2018

Item 5

STAFF REPORT

TO: Board of Directors

FROM: Dan Jaggers, General Manager

SUBJECT: Consideration of Request for Extension of Will-Serve Letter for Previously-

Approved Development: Tract 32850, a proposed 30-acre single-family residential development located at Assessor's Parcel No. 421-110-014 in the

City of Beaumont

Staff Recommendation

Consider the request for an extension of "Will Serve Letter" for Tract 32850, a proposed 30-acre single-family residential development located in the City of Beaumont:

- A. Approve the request for extension of "Will Serve Letter" for Water Service for a final term of one year, without option for further extension
- B. Defer the request for extension of "Will Serve Letter" for Water Service pending resolution of securing agreement for supply of recycled water from the City of Beaumont, and securing a report of water supply conditions from the San Gorgonio Pass Water Agency
- C. Deny the request for extension of "Will Serve Letter" for Water Service

Background

The applicant, Steven H. Ritchey (Land Engineering Consultants, Inc.), has submitted the attached request for an updated "Will Serve Letter" dated March 30, 2018 on behalf of the property owners (Developers). This project has received four (4) previous "Will Serve Letter" updates in 2014, 2015, 2016 and 2017. The most recent "Will Serve Letter" extension for this project was approved at the District's May 18, 2017 Board Meeting and extended the expiration date of the previous "Will Serve Letter" for one year, to April 13, 2018.

The District's original project "Will Serve Letter" dated June 20, 2005, identifying the project as approved for annexation and water service by the Beaumont-Cherry Valley Water District Board of Directors, is attached for reference. Tract 32850 was annexed into the District's Service Area Boundary on August 18, 2006 under LAFCO Annexation 2005-105-2. Tract 32850 is identified in the District's 2013 Urban Water Management Plan Update.

In 2014, the Developer indicated they were requesting an extension to show continued project approval to building partners with whom the Developer was then negotiating to construct the project. In 2015 and 2016, the developer indicated they were requesting a second and third extension with expectations that the project would move forward. Last year, in 2017, the developer indicated they were requesting a fourth extension due to home sales prices rising and becoming profitable.

Subsequent to issuance of the July 15, 2016 "Will Serve Letter" extension, the developer also identified issues with the project construction documents that required correction. In 2015-2016, the developer discovered grading design issues specifically relating to project requirements for



imported fill and associated retaining walls necessary to accommodate the proposed project grading. Due to these issues, the developer re-designed the project grading plan. This re-design affected the water and non-potable water improvement plans vertical alignment and required re-design of those plans. The District approved the final re-designed water and recycled water improvement plans on February 22, 2017. This represented the second update to the original improvement plans which were approved by the District on September 9, 2007.

In order to clarify if this fifth "Will Serve Letter" extension request would actually prove to be the period when the project moved forward, District Staff has set conditions to be met by the Developer in order to obtain Board approval for a fifth extension to the "Will Serve Letter." The Developer was required to submit a preliminary schedule detailing all steps leading up to and including construction of the project. In addition, the District requested a copy of a reported agreement between all owners and their building partner to give the District confidence in the project actually moving forward during this fifth extension. District staff recommends that in the event this "Will Serve Letter" extension is granted, this request be considered the final extension of said "Will Serve Letter" to be offered by the Board for this project, since this project has not moved to construction since originally approved 12 years ago.

Tract 32850 associated dwelling units are set forth as follows:

Tract	Dwelling Units or EDUs
32850	95 DU

The requested "Will Serve Letter" update includes domestic (potable) water service and non-potable (recycled) water service as part of the Development of Tract 32850. The Applicant has secured the final project approvals from the City of Beaumont. The impact of this development on the District's water supply system is identified in the District's 2016 Urban Water Management Plan.

Should the Board approve the extension of the "Will Serve Letter," the following will apply:

Conditions of Development:

Prior to final project development the following conditions must be met:

- 1. The Applicant shall enter into a water facilities extension agreement and pay all fees associated with the domestic and non-potable water services for the Project. The Applicant shall also pay all fees related to new fire service facilities including any facilities improvements that may be necessary to meet the fire flow requirements.
- 2. The Applicant shall pay front footage fees along all property frontages where facilities are currently installed.
- 3. The Applicant shall connect to the non-potable water system for irrigation supply. To minimize the use of potable water, the District requires the applicant conform to the City of Beaumont Landscaping Ordinances and Zoning Requirements and/or County of Riverside Landscaping Ordinances (whichever is applicable) which pertain to water efficient landscape requirements and the following:
 - a. Landscaped areas which have turf, shall have "smart irrigation controllers" which use Evapotranspiration (ET) data to automatically control the watering. Systems shall have an automatic rain sensor to prevent watering during and shortly after



- rainfall and automatically determine watering schedule based on weather conditions, and not require seasonal monitoring changes. Orchard areas, if any, shall have drip irrigation.
- b. Landscaping in non-turf areas should be drought tolerant consisting of planting materials. Irrigation systems for these areas should be drip or bubbler type.
- 4. The Applicant shall conform to all District requirements and all City of Beaumont requirements.

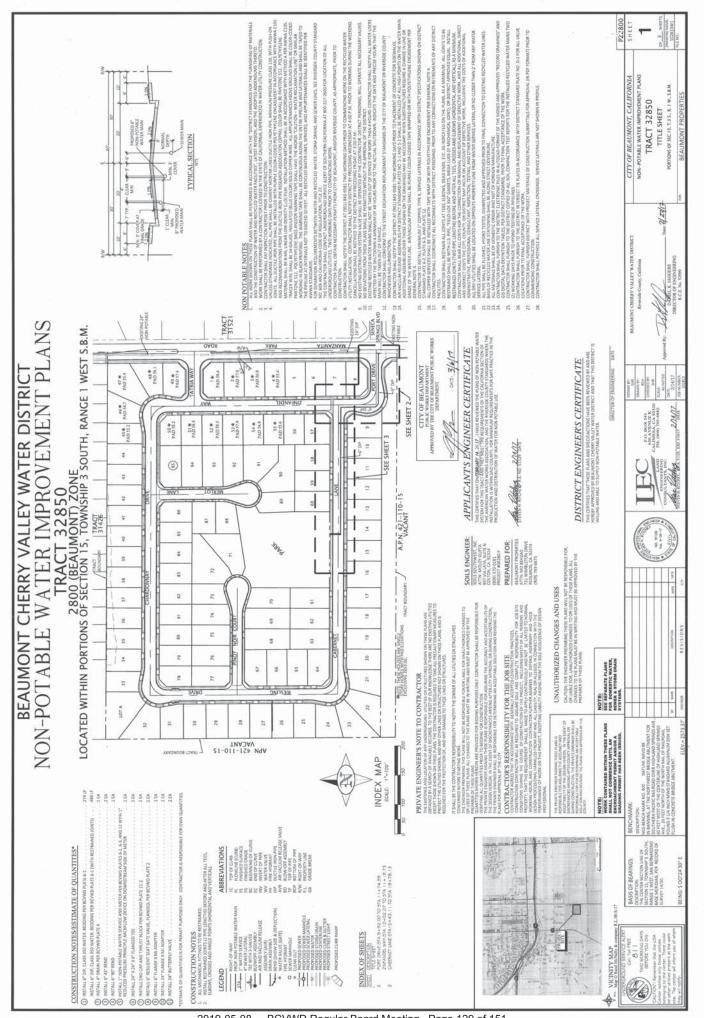
Fiscal Impact:

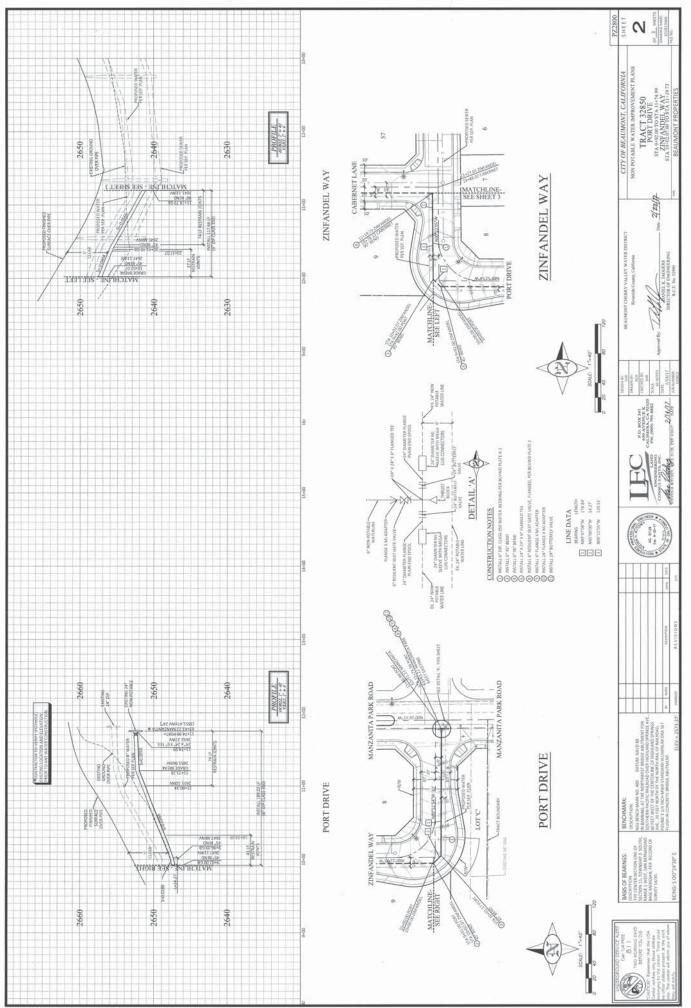
None. All fees and deposits will be paid by the Applicant prior to providing service.

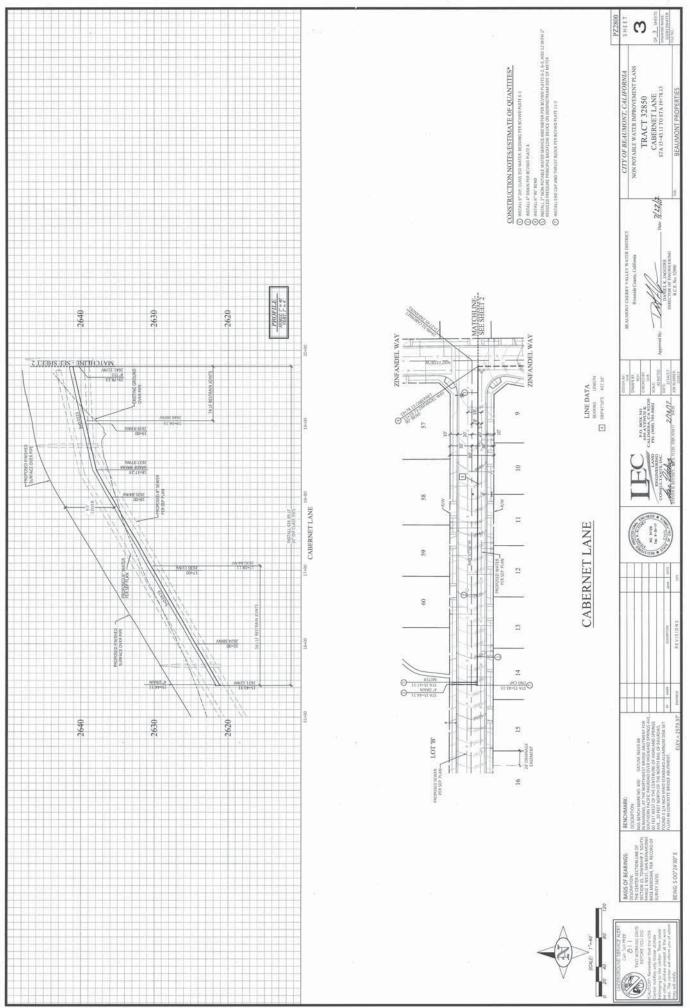
Attachments

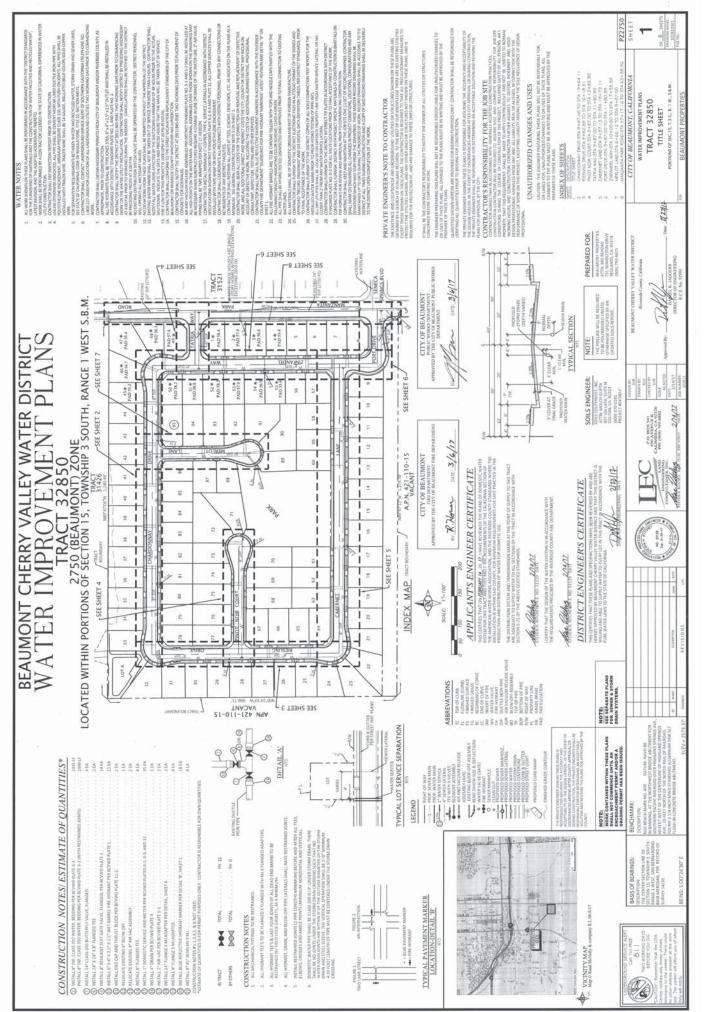
Letter of Request for Extension of Will-Serve Letter 2005 Will Serve Letter BCVWD Staff Report – May 18, 2017 Non-Potable Water Plans Water Improvement Plans

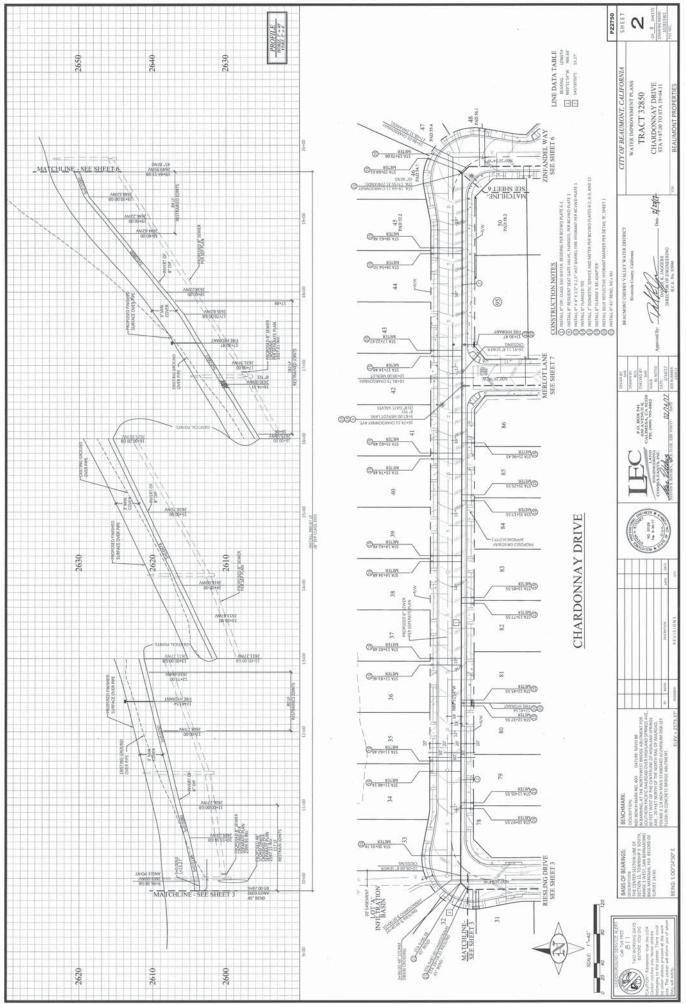
Prepared by Daniel K. Jaggers, General Manager

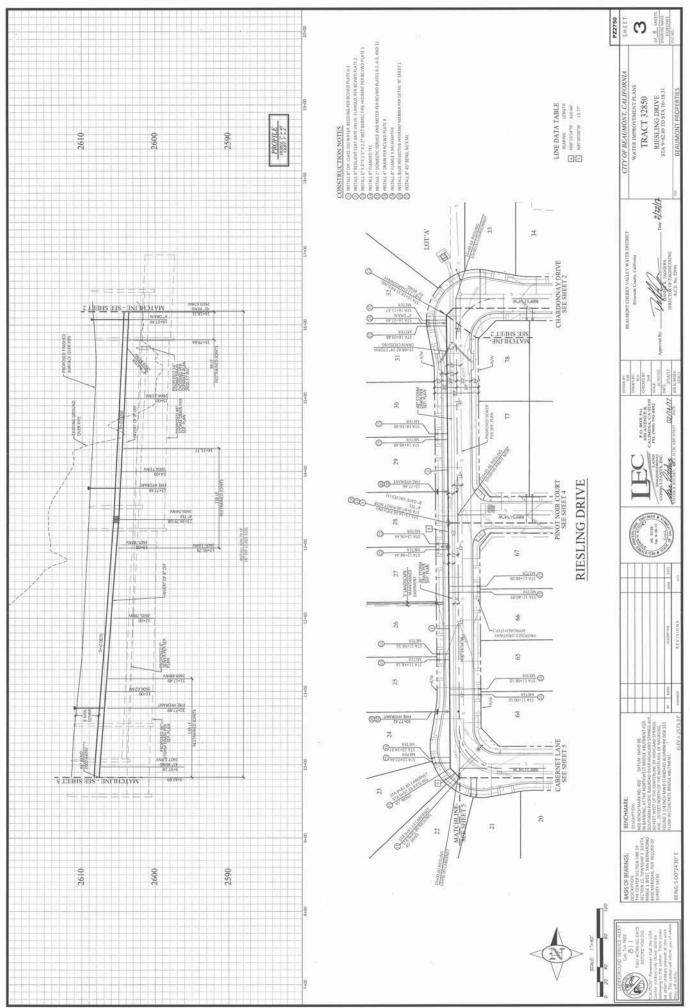


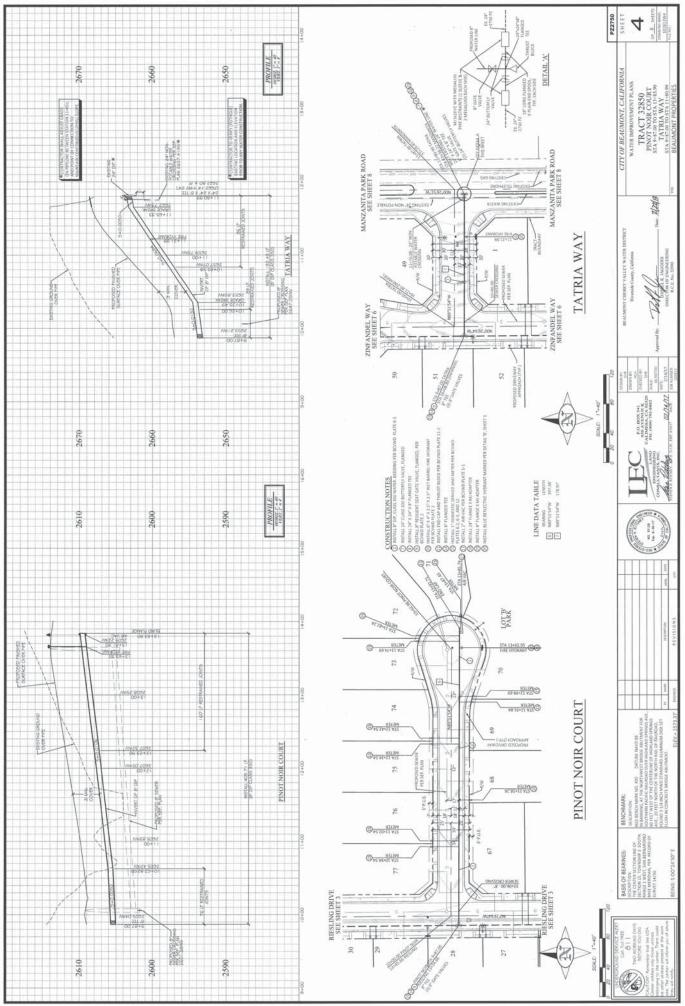




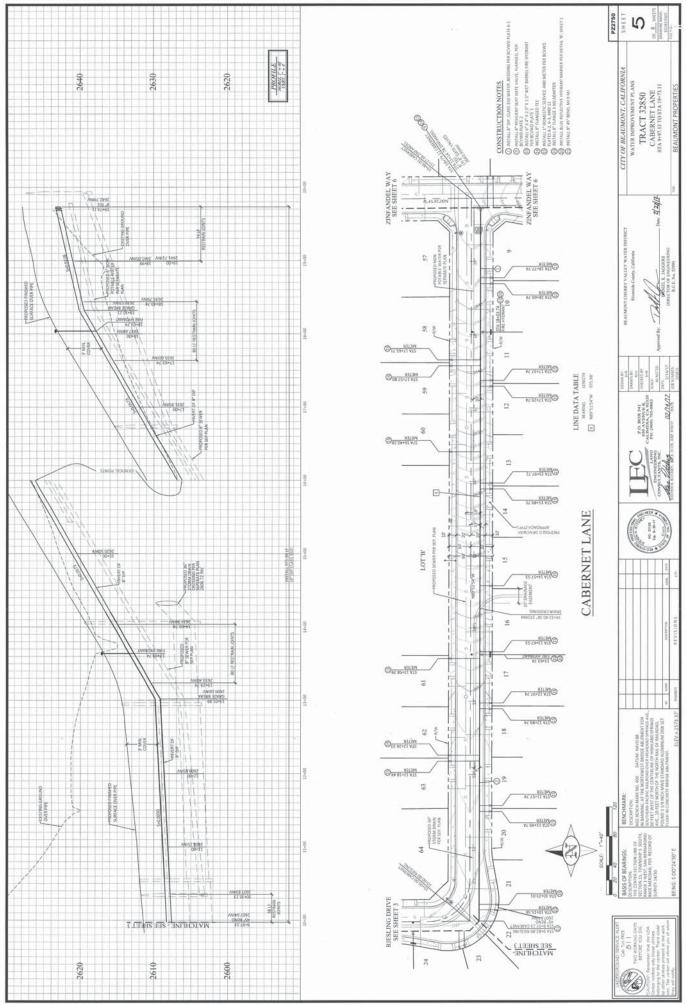




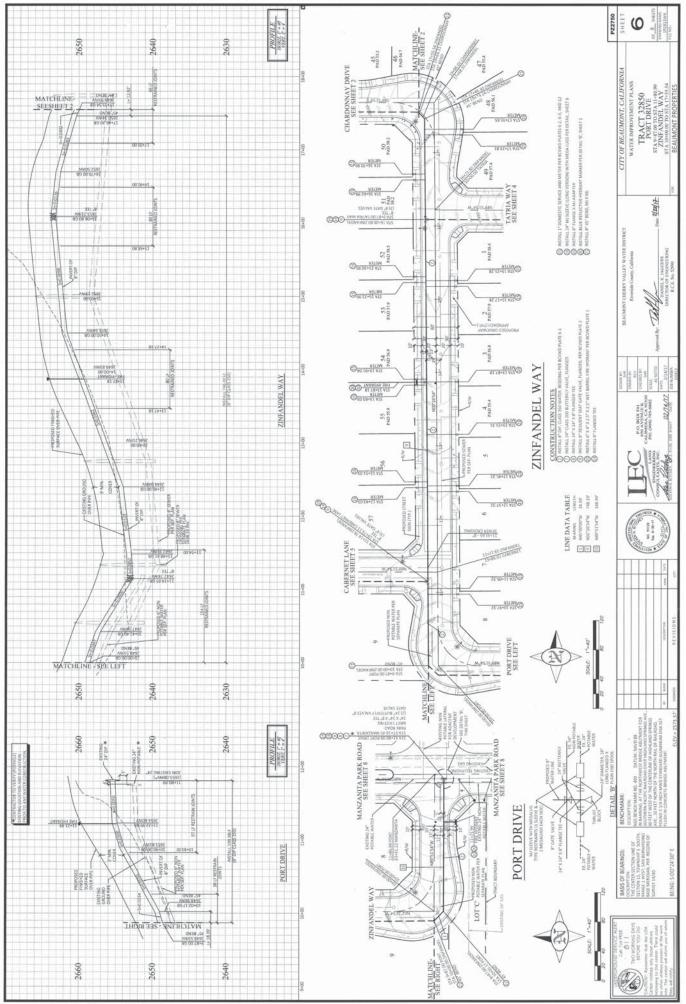




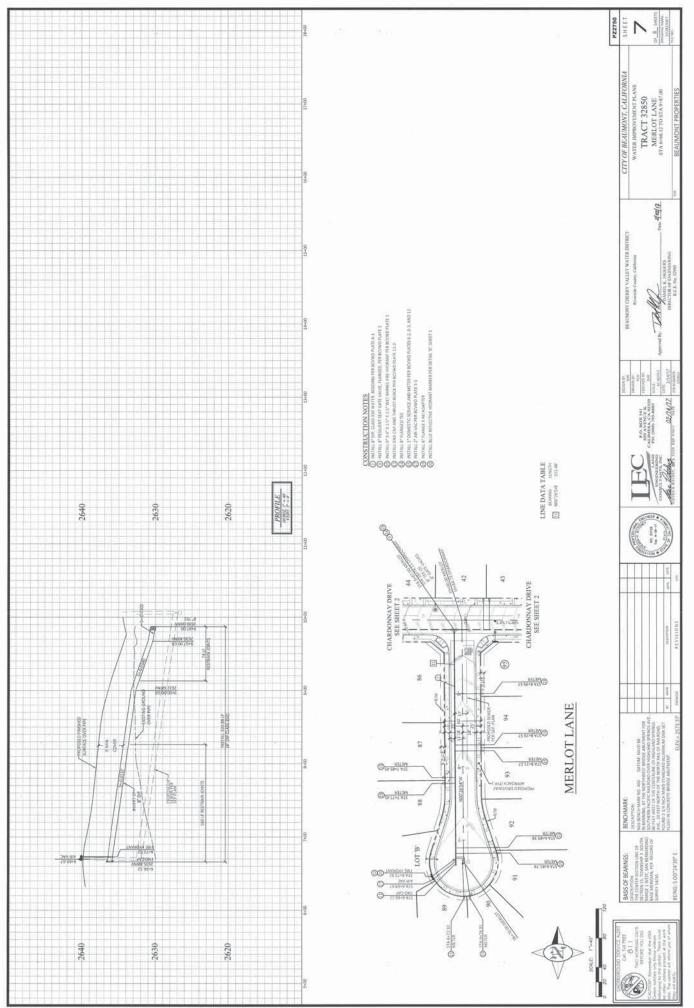
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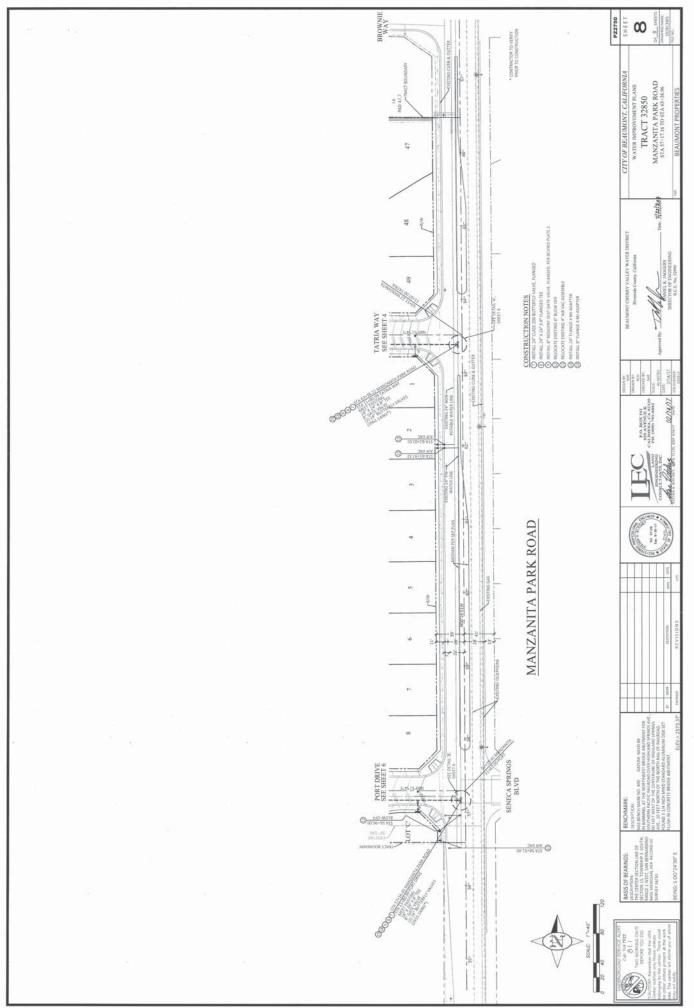


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2019-05-08 - BCVWD Regular Board Meeting Page 137 of 151





Attachment 3 - Letter of Interest



March 14, 2019

Beaumont-Cherry Valley Water District 560 Magnolia Avenue Beaumont, CA 92223

RE: Tract 32850 in the City of Beaumont, County of Riverside, State of California

To whom it may concern:

The purpose of this letter is to inform the Beaumont-Cherry Valley Water District that Richmond American Homes is in process to purchase Tract 32850 from the owners, Mozafar Behzad and Hamid Roknian and Rozita Roknian, as trustees of the Hamid Roknian and Rozita Roknian 2001 Revocable Trust. After purchase, Richmond American Homes plans to immediately begin work to build the 95 homes.

If you have any questions, I can be reached in the office at 951-386-4112 or via cell phone at 818-359-6482.

Sincerely,

Alex Wong

Director - Land Acquisition Richmond American Homes

ATTACHMENT 4 - ORIGINAL "WILL SERVE LETTER"

BEAUMONT- CHERRY VALLEY WATER DISTRICT

560 Magnolia Avenue DIRECTORS

Gerald H. Brey Beaumont, California 92223-2258 President

Telephone 951-845-9581 William Lash

Vice President Fax 951-845-0159

Dr. Blair Ball Albert Chatigny **OFFICERS**

C.J. Butcher Secretary/Treasurer J.C. Reichenberger Parsons Engineering Science

> Engineer Gerald Shoaf General Counsel

June 20, 2005

Stella Parks

Ms. Connie Bagley, Project Manager Pacific Scene Homes 2025 Chicago Ave. Ste A-26 Riverside, CA 92507

Re: APN 421-110-014

Dear Ms. Bagley:

At the Regular Meeting of the Board of Directors held on June 8, the above referenced property was approved for annexation. Upon completion of the annexation process, the Beaumont Cherry Valley Water District will service the property assuming all obligations to provide service are met including, but not limited to, the Rules and Regulations Governing Water Service as amended by the Board of Directors from time to time.

We look forward to working with you in the coming months and please feel free to contact the office should you have any questions.

This letter will expire 12 months from the date of issue.

Sincerely.

General Manager

CC: File



Beaumont-Cherry Valley Water District Regular Board Meeting May 8, 2019

Item 5

STAFF REPORT

TO: Board of Directors

FROM: Dan Jaggers, General Manager

SUBJECT: Consideration of Nomination for California Special Districts Association Board

of Directors, Southern Network Seat B

Staff Recommendation

If desired, one of the following:

- A. Nominate a BCVWD Board member or managerial staff member to stand for election to the CSDA Board of Directors
- B. Take no action.

Background

BCVWD is a member of the California Special Districts Association (CSDA), a non-profit organization formed to promote good governance and improved core local services through professional development, advocacy and other services for all types of independent special districts. The CSDA is governed by an 18-member Board of Directors elected from the membership in six geographic networks. BCVWD is part of the Southern Network.

Summary

The CSDA Elections and Bylaws Committee is seeking any interested elected Board member or managerial staff member to stand for election to the 2020-2022 term. The CSDA Board is the governing body responsible for guiding the Association's legislative and member benefit programs. There is a significant time commitment to serve on the CSDA Board, including bimonthly meetings in Sacramento, committee meetings three to five times per year, mandatory attendance of at least two conferences, and completion of the Leadership Academy.

In lieu of making a nomination of a BCVWD Board member or managerial staff member, the Board may choose to cast a vote for another candidate in the election scheduled for June.

Fiscal Impact

If a BCVWD Board member or staff member were elected, some expenses would be incurred to fulfill the duties of the office. The fiscal impact to the District would include registration, travel, accommodations and meals expenses to / from CSDA conferences and trainings (such as the Leadership Academy), and potential additional expenses incurred that are not reimbursed to the elected Board member by CSDA. Additional unknown incidental expenses and director per diems may be incurred.

Attachment(s)

CSDA Board of Directors Call for Nominations – Seat B correspondence and forms

Staff Report prepared by Lynda Kerney, Administrative Assistant



DATE:

February 15, 2019

TO:

CSDA Voting Member Presidents and General Managers

FROM:

CSDA Elections and Bylaws Committee

SUBJECT:

CSDA BOARD OF DIRECTORS CALL FOR NOMINATIONS

SEAT B

The Elections and Bylaws Committee is looking for Independent Special District Board Members or their General Managers who are interested in leading the direction of the California Special Districts Association for the 2020 - 2022 term.

The leadership of CSDA is elected from its six geographical networks. Each of the six networks has three seats on the Board with staggered 3-year terms. Candidates must be affiliated with an independent special district that is a CSDA Regular Member in good standing and located within the geographic network that they seek to represent. (See attached CSDA Network Map)

The CSDA Board of Directors is the governing body responsible for all policy decisions related to CSDA's member services, legislative advocacy, education and resources. The Board of Directors is crucial to the operation of the Association and to the representation of the common interests of all California's special districts before the Legislature and the State Administration. Serving on the Board requires one's interest in the issues confronting special districts statewide.

Commitment and Expectations:

- Attend all Board meetings, usually 4-5 meetings annually, at the CSDA office in Sacramento.
- Participate on at least one committee, meets 3-5 times a year at the CSDA office in Sacramento.
 - (CSDA reimburses Directors for their related expenses for Board and committee meetings as outlined in Board policy).
- Attend, at minimum, the following CSDA annual events: Special Districts Legislative Days - held in the spring, and the CSDA Annual Conference held in the fall.
 - (CSDA does **not** reimburse expenses for the two conferences even if a Board or committee meeting is held in conjunction with the event)
- Complete all four modules of CSDA's Special District Leadership Academy within 2 years of being elected.
 - (CSDA does **not** reimburse expenses for the Academy classes even if a Board or committee meeting is held in conjunction with the event).

Nomination Procedures: Any Regular Member in good standing is eligible to nominate one person, a board member or managerial employee (as defined by that district's Board of Directors), for election to the CSDA Board of Directors. A copy of the member district's resolution or minute action and Candidate Information Sheet must accompany the nomination. The deadline for receiving nominations is April 17, 2019. Nominations and supporting documentation may be mailed, faxed, or emailed.

Mail: 1112 I Street, Suite 200, Sacramento, CA 95814

Fax: 916.442.7889 E-mail: amberp@csda.net

Once received, nominees will receive a candidate's letter in the mail. The letter will serve as confirmation that CSDA has received the nomination and will also include campaign quidelines.

CSDA will begin electronic voting on June 17, 2019. All votes must be received through the system no later than 5:00 p.m. August 9, 2019. The successful candidates will be notified no later than August 13, 2019. All selected Board Members will be introduced at the Annual Conference in Anaheim, CA in September 2018.

Expiring Terms (See enclosed map for Network breakdown)

Northern Network Seat B-Greg Orsini, GM, McKinleyville Community Services District*

Sierra Network Seat B-Ginger Root, GM, Lincoln Rural County Fire Protection District *

Bay Area Network Seat B-Ryan Clausnitzer, SDA, GM, Alameda County Mosquito Abatement District*

Central Network Seat B-Tim Ruiz, GM, West Niles Community Services District

Coastal Network Seat B-Jeff Hodge, SDA, GM, Santa Ynez Community Services District*

Southern Network Seat B-Bill Nelson, Director, Orange County Cemetery District

(* = Incumbent is running for re-election)

AGAIN, THIS YEAR!

This year we will be using a web-based online voting system, allowing your district to cast your vote easily and securely. Electronic Ballots will be emailed to the main contact in your district June 17, 2019. All votes must be received through the system no later than 5:00 p.m. August 9, 2019.

Districts can opt to cast a paper ballot instead; but you must contact Amber Phelen by e-mail Amberp@csda.net by April 17, 2019 in order to ensure that you will receive a paper ballot on time.

CSDA will mail paper ballots on June 17 per district request only. ALL ballots must be received by CSDA no later than 5:00 p.m. August 9, 2019.

The successful candidates will be notified no later than August 14, 2019. All selected Board Members will be introduced at the Annual Conference in Anaheim, CA in September 2019.

If you have any questions, please contact Amber Phelen at amberp@csda.net.



2019 BOARD OF DIRECTORS NOMINATION FORM

Name of Candidate:	
District:	
Mailing Address:	
Network:	
Telephone: (PLEASE BE SURE THE PHONE NUMBER IS ONE WHERE WE CAN REACH THE CANDIDA	TE)
Fax:	
E-mail:	en i
Nominated by (optional):	

Return this <u>form and a Board resolution/minute action supporting the candidate</u> <u>and Candidate Information Sheet</u> by fax, mail, or email to:

CSDA
Attn: Amber Phelen
1112 I Street, Suite 200
Sacramento, CA 95814
(877) 924-2732 (916) 442-7889 fax

amberp@csda.net

DEADLINE FOR RECEIVING NOMINATIONS - April 17, 2019



2019 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information MUST accompany your nomination form and Resolution/minute order:

Na	me:
Di	strict/Company:
Tit	le:
	ected/Appointed/Staff:
Le	ngth of Service with District:
1.	Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):
2.	Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):
3.	List local government involvement (such as LAFCo, Association of Governments, etc.):
4.	List civic organization involvement:

^{**}Candidate Statement – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. Any statements received in the CSDA office after April 17, 2019 will not be included with the ballot.



Beaumont-Cherry Valley Water District Regular Board Meeting May 08, 2019

Item 6

STAFF REPORT

TO: Board of Directors

FROM: Dan Jaggers, General Manager

SUBJECT: Discussion Regarding the San Gorgonio Pass Water Agency Ongoing Phase 2

Sites Reservoir Participation

Staff Recommendation

No recommendation.

Background

The Sites Reservoir is a 1.3 to 1.8 million acre-foot storage facility located in northern California expected to be constructed and online in 2032.

Participation in the Sites Reservoir Project has been under consideration by the District since July 2016. The Sites Reservoir Project Consists of five phases as outlined below in Figure 1, the Sites Reservoir Project is currently proceeding in Phase 2.

Project Overview - Phase Level Schedule Phases 3 & 4 Phase 1 Phase 2 201 2020 2021 Jan 2018 2022 2026 2030 Prop 1 Encumber CA WATER Funding Prop 1 Funds COMMISSION Federal Deemed FEDERAL plemental Authorizations Feasibility Feasible Report (WIIN Act) EIR/S ROD, NOD, Permits, **PLANNING &** PERMITTING Permits & Water Permit Planning & Applications & Agreements Right Preliminary ENGINEERING & RIGHTS OF WAY Design CONSTRUCTION & ROW Construction

Figure 1 - Project Overview - Phase Level Schedule

2018 Oct 10, Subject to Change

The District joined Phase 1 of the project with a request for 4,000 AF of water via the San Gorgonio Pass Water Agency (SGPWA) on May 18, 2017. The SGPWA and the District are currently participating in Phase 2 – 2019 Sites Reservoir Activities in the amount of 14,000 AF (SGPWA at



10,000 AF and the District at 4,000 AF). The BCVWD Board approved the SGPWA and District 2019 Phase 2 Participation Agreement at the March 7, 2019 Board Meeting and the District subsequently made payment to the SGPWA for the District's 4,000 AF share of the Phase 2 participation in the amount of \$240,000.

At the District's Engineering Workshop on January 24, 2019, the Board heard a presentation by Mr. Jeff Davis, General Manager of SGPWA, regarding Phase 2 of the project, estimated costs, and variables. Figure 2 shows a slide from Mr. Davis's presentation which identified how "Deferred Interim Finance (Phase 2)" might look moving forward with the project Phase 2 activities after Phase 2-2019 financing portion is exhausted.

Figure 2 – Deferred Interim Finance (Phase 2)

6. Deferred Interim Finance (Phase 2)

(water agency participation of 250,000 AF/yr)

- "Cash call" for 2019 costs
- Line of Credit beyond 2019
- Jan-Dec 2020 \$90 million
 - Jan 2021-Jun 2022 \$245 million
- Phase 2 Costs \$ 420 million less: Participant Pmts \$ 15 million less: Prop1 Funds \$ 40 million less: WIIN Act Funds \$ 30 million Borrowing Required \$ 335 million
- Projected 3% bank interest rate, 0.75% bank commitment fee

	LOC Expense	Cost at 250,000 AF
CY-2019	None - Cash Call	
CY-2020	\$ 1,995,816	\$7.98/AF
CY-2021	\$ 6,047,417	\$24.19/AF
CY-2022	\$ 4,497,644	\$17.99/AF
Total	\$ 12,540,878	\$50.16/AF

- If Project does not proceed, \$335 million would represent
 - \$335 million / 250,000 AF = \$1,340/AF debt obligation (lump sum)
 - Amortized over 30 years at \$21.7 million/yr = \$86.71/AF (5% rate, level debt)

At the SGPWA's April 22, 2019 Board of Directors Finance & Budget Workshop, SGPWA General Manager Jeff Davis presented a discussion of Sites Reservoir Project Phase 2 financing opportunities. It was identified that the SGPWA received information on April 17, 2019 that it is highly likely that SGPWA can include the bills associated with 2020 to 2022 Sites Reservoir Charges (Phase 2 after 2019) on the SGPWA's Statement of Charges associated with the State Water Project for Sites Reservoir participation for the remainder of the Phase 2 participation. After discussion, the SGPWA Board indicated that the SGPWA would indeed be interested in having those charges put on the Statement of Charges.

Mr. Davis clearly indicated that this preparation of the Statement of Charges did not commit either the SGPWA or the District as a participant in moving forward after Phase 2-2019, but did provide for a cost-effective financing opportunity to provide for use of additional funding sources, should this opportunity be available.



Secondly, during the April 22, 2019 discussion Mr. Davis identified that there are two payment options that were being considered that needed Board direction so that the preparation of the Statement of Charges could be accurately prepared.

Those options are as follows and are further detailed on the attached handouts from the SGPWA's April 22, 2019 Meeting:

- Option 1 A "pay-as-you-go" option (PAYGO). The PAYGO option would result in a total cost of approximately \$24,172,000 to the SGPWA over 2020 and 2021.
- Option 2 A line of credit option (INTEREST ONLY). The INTEREST ONLY option would result in an interest-only cost of approximately \$910,000 to the SGPWA over 2020, 2021, and 2022. The District speculates that the debt service of the total cost (\$24 million) would then most likely be refinanced at some point as the Sites Reservoir proceeds (should it proceed), evolving into a traditional bond type payment over a term of 30 years. Figure 2, above, identifies this refinancing component of this cost may result in a cost of approximately \$86.71/AF at 5% whether the project proceeds or not.

Summary

This information is provided to ensure that the members of the BCVWD Board of Directors are educated on the current status of various Sites Reservoir Project activities so that the Board can fully understand financing costs moving forward and how that may affect the District.

Fiscal Impact

The fiscal impact of the District's participation in future Phase 2 components of the Sites Project will need to be reviewed and understood by the District as these items develop. A future determination of the total impact will be presented as these items resolve.

Attachments

- 1. PAYGO Data Sheet prepared by R. Cooke on 4/16/2019)
- 2. Line of Credit (Interest Only) Data Sheet prepared by R. Cooke on 4/16/2019)

Staff Report prepared by Daniel K. Jaggers, General Manager

PAYGO R. Cooke 4/16/2019 Calculate Annual Totals Using Montague DeRose Raw Data

Entity	AF Participation	Percentage Participation in Sites	Annual Total 2020	Annual Total 2021	Annual Total 2022	Phase 2 Total	
	(AF)	(%)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	-
SWP Participants	1.80				1000000100-0010	************	
Metropolitan Water District of SC	50,000	25.9%	23,197.67	34,740.75	28,390.75	86,329	
San Bernardino Municipal WD	21,400	11.1%	9,929	14,869.04	12,151.24	36,949	
Coachella Valley WD	10,000	5.2%	4,640	6,948.15	5,678.15	17,266	
Santa Clara Valley WD	16,000	8.3%	7,423	11,117.04	9,085.04	27,625	
Wheeler Ridge - Maricopa WSD	3,050	1.6%	1,415	2,119.19	1,731.84	5,266	
Zone 7 WA	10,000	5.2%	4,640	6,948.15	5,678.15	17,266	
San Gorgonio Pass WA	14,000	7.3%	6,495	9,727.41	7,949.41	24,172	
Desert WA	6,500	3.4%	3,016	4,516.30	3,690.80	11,223	
Santa Clarita Valley WA	5,000	2.6%	2,320	3,474.08	2,839.08	8,633	
City of American Canyon	4,000	2.1%	1,856	2,779.26	2,271.26	6,906	
Antelope Valley-East Kern WA	500	0.3%	232	347.41	283.91	863	
Sub-total	140,450	72.81%	65,162	97,587	79,750	242,499	_
J.		Check	65,162	97,587	79,750	242,499	C

SOC Annual Billing Totals (PAYGO)

Example: SOC Total Billing for Year 2020 = Annual Total for Year 2020 + 0.5 * Annual Total for Year 2021

Entity	AF Participation	Percentage Participation in Sites	SOC Billing 2020	SOC Billing 2021	Totals
	(AF)	(%)	(\$000s)	(\$000s)	(\$000s)
SWP Participants	Macani de la		Carrie Conscionation	- * sectorated *	/100 A A A A A A A A A A A A A A A A A A
Metropolitan Water District of SC	50,000	25.9%	40,568	45,761	86,329
San Bernardino Municipal WD	21,400	11.1%	17,363	19,586	36,949
Coachella Valley WD	10,000	5.2%	8,114	9,152	17,266
Santa Clara Valley WD	16,000	8.3%	12,982	14,644	27,625
Wheeler Ridge - Maricopa WSD	3,050	1.6%	2,475	2,791	5,266
Zone 7 WA	10,000	5.2%	8,114	9,152	17,266
San Gorgonio Pass WA	14,000	7.3%	11,359	12,813	24,172
Desert WA	6,500	3.4%	5,274	5,949	11,223
Santa Clarita Valley WA	5,000	2.6%	4,057	4,576	8,633
City of American Canyon	4,000	2.1%	3,245	3,661	6,906
Antelope Válley-East Kern WA	500	0.3%	406	458	863
Sub-total	140,450	72.81%	113,956	128,543	242,499

Check 242,499 OK

SOC Monthly Billing (PAYGO)

Example: SOC Trans-Min Monthly Billing for Year 2020 = Annual Total for Year 2020 / 12

			150			
Contractor Requesting SWP SOC Billing For Sites	Entity	AF Participation	Percentage Participation in Sites	SOC Billing Trans-Min Monthly 2020	SOC Billing Trans-Min Monthly 2021	Totals
		(AF)	(%)	(\$000s)	(\$000s)	(\$000s)
	SWP Participants				10.0000000000000	0.910:0041:2004(1
	Metropolitan Water District of SC	50,000	25.9%	3,381	3,813	7,194
	San Bernardino Municipal WD	21,400	11.1%	1,447	1,632	3,079
	Coachella Valley WD	10,000	5.2%	676	763	1,439
	Santa Clara Valley WD	16,000	8.3%	1,082	1,220	2,302
	Wheeler Ridge - Maricopa WSD	3,050	1.6%	206	233	439
	Zone 7 WA	10,000	5.2%	676	763	1,439
	San Gorgonio Pass WA	14,000	7.3%	947	1,068	2,014
	Desert WA	6,500	3.4%	439	496	935
	Santa Clarita Valley WA	5,000	2.6%	338	381	719
	City of American Canyon	. 4,000	2.1%	270	305	576
	Antelope Valley-East Kern WA	500	0.3%	34	38	72
	Sub-total	140,450	72.81%	9,496	10,712	20,208

Check (9,496+10,712) * 12 = 242,499

LINE OF CREDIT (INTEREST ONLY)

R. Cooke 4/16/2019

Calculate Annual Totals Using Montague DeRose Raw Data

Entity	AF Participation	Percentage Participation in Sites	Annual Total 2020	Annual Total 2021	Annual Total 2022	Phase 2 Total
	(AF)	(%)	(\$000s)	(\$000s)	(\$000s)	(\$000's)
SWP Participants						
Metropolitan Water District of SC	50,000	25.9%	517.34	1,567.57	1,165.85	3,251
San Bernardino Municipal WD	21,400	11.1%	221.42	670.92	498.98	1,391
Coachella Valley WD	10,000	5.2%	103.47	313.51	233.17	650
- Santa Clara Valley WD	16,000	8.3%	165.55	501.62	373.07	1,040
Wheeler Ridge - Maricopa WSD	3,050	1.6%	31.56	95.62	71.12	198
Zone 7 WA	10,000	5.2%	103.47	313.51	233.17	650
San Gorgonio Pass WA	14,000	7.3%	144.86	438.92	326.44	910
Desert WA	6,500	3.4%	67.25	203.78	151.56	423
Santa Clarita Vålley WA	5,000	2.6%	51.73	156.76	116.58	325
City of American Canyon	4,000	2.1%	41.39	125.41	93.27	260
Antelope Valley-East Kern WA	500	0.3%	5.17	15.68	11.66	33
Sub-total Sub-total	140,450	72.81%	1,453	4,403	3,275	9,131
N .		Check	1,453	4,403	3,275	9,131

SOC Annual Billing Totals (INTEREST ONLY)

Example: SOC Total Billing for Year 2020 = Annual Total for Year 2020 + 0.5 * Annual Total for Year 2021

Entity	AF Participation	Percentage Participation in Sites	SOC Billing 2020	SOC Billing 2021	Totals
	(AF)	. (%)	(\$000s)	(\$000s)	(\$000s)
SWP Participants					
Metropolitan Water District of SC	50,000	25.9%	1,301	1,950	3,251
San Bernardino Municipal WD	21,400	11.1%	557	834	1,391
Coachella Valley WD	10,000	5.2%	260	390	650
Santa Clara Valley WD	16,000	8.3%	416	624	1,040
Wheeler Ridge - Maricopa WSD	3,050	1.6%	79	119	198
Zone 7 WA	10,000	5.2%	260	390	650
San Gorgonio Pass WA	14,000	7.3%	364	546	910
Desert WA	6,500	3.4%	169	253	423
Santa Clarita Valley WA	5,000	2.6%	130	195	325
City of American Canyon	4,000	2.1%	104	156	260
Antelope Valley-East Kern WA	500	0.3%	13	19	33
Sub-total	140,450	72.81%	3,655	5,477	9,131

Check 9,131 OK

SOC Monthly Billing (INTEREST ONLY)

Example: SOC Trans-Min Monthly Billing for Year 2020 = Annual Total for Year 2020 / 12

			1353	1		
Contractor Requesting SWP SOC Billing For Sites	Entity	AF Participation	Percentage Participation in Sites	SOC Billing Trans-Min Monthly 2020	SOC Billing Trans-Min Monthly 2021	Totals
		(AF)	(%)	(\$000s)	(\$000s)	(\$000s)
V-5	SWP Participants		35.000	10 May 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	775 000 000 000000	0.0000000000000000000000000000000000000
	Metropolitan Water District of SC	50,000	25.9%	108	162	271
	San Bernardino Municipal WD	21,400	11.1% .	46	70	116
	Coachella Valley WD	10,000	5.2%	22	32	54
	Santa Clara Valley WD	16,000	8.3%	35	52	87
	Wheeler Ridge - Maricopa WSD	3,050	1.6%	7	10	17
	Zone 7 WA	10,000	5.2%	22	32	54
	San Gorgonio Pass WA	14,000	7.3%	30	45	76
	Desert WA	6,500	3.4%	14	21	35
	Santa Clarita Valley WA	5,000	2.6%	11	16	27
	City of American Canyon	4,000	2.1%	9	. 13	22
	Antelope Valley-East Kern WA	500	0.3%	1	2	3
	Sub-total	140,450	72.81%	305	456	761

Check (305+456) * 12 = 9,131