TUOLUMNE UTILITIES DISTRICT

18885 NUGGET BLVD ● SONORA, CA 95370
(209) 532-5536 ● Fax (209) 536-6485

DIRECTORS
Barbara Balen
David Boatright
Jeff Kerns
Ron W. Ringen

Regular Board Meeting Agenda
Tuesday, February 14, 2023 - 9:00 a.m.
TUD Board Room
18885 Nugget Blvd., Sonora, California

Public Participation Procedures:
During the Board meeting, members of the public who wish to provide public comment will be invited to do so by the Board President. Members of the public who are physically present will be called first. Members of the public who are not present and wish to provide remote public comment via Zoom may use the 'Raise Hand' feature on their computer or press *9 if participating by phone.

Notice: Pursuant to AB 361 members of the Board of Directors can participate by teleconference.

Information to join meeting via Zoom:

- **Via video conferencing at:**
- **https://us02web.zoom.us/j/89998765977?pwd=Rmo4czd4YTZZM3hhWFkyNm1KazRJdz09**
- **Via teleconference by calling (253) 215-8782 or (301) 715-8592**
- **US Meeting ID: 899 9876 5977**
- **Password: 612089**
- **Public may also observe and listen to this meeting on TUD's YouTube Channel at Tuolumne Utilities District - YouTube**

Call to Order

Pledge of Allegiance

I. **Public Forum** - (5 minutes per item maximum) We would like to welcome the members of the public who have taken the time to attend this meeting and provide comments on matters related to District business. Any member of the public may address the Board relating to any matter within the Board's jurisdiction. This need not be related to any item on the agenda; however, the Board cannot act on an item unless it was noticed on the agenda. Persons speaking during the Public Comment will be limited to five (5) minutes or depending on the number of persons wishing to speak, it may be reduced to allow all members of the public the opportunity to address the Board.

II. **Consent Calendar**

1. Minutes of the Regular Board Meeting of January 24, 2023
2. Approval of Reimbursement Claims for Directors Statement of Meetings Attended and/or Travel Expenses and Claim Summary for January 2023

III. **Regular Business**

3. Consideration to Adopt Resolution Expressing Appreciation to Tuolumne Utilities District Staff for Their Dedication to the District and the Community During the Recent Storms through the New Year Holiday and Through January 2023
4. Review the Draft Cost of Service Rate Study Preliminary Report

IV. **Staff Reports**

V. **Directors Communication and Reports**

Adjournment

Note: Agenda Material can be viewed at our website at www.tudwater.com.

Board Policy limits Board meetings to a duration of three (3) hours; however, the Board may consider whether to extend the meeting beyond three (3) hours by majority vote.

In accordance with the Americans with Disabilities Act, if you need special assistance (i.e. auxiliary aids or services) in order to participate in this public meeting, please contact the Clerk of the Board, Melissa McMullen, and (209) 532-5536 ext. 510. Notifications 48 hours prior to the start of the meeting will enable the Clerk to make reasonable accommodations to ensure accessibility to this public meeting.

TUOLUMNE UTILITIES DISTRICT

Agenda Item No.II.1

MEMORANDUM

Board Meeting of February 14, 2023

To: Tuolumne Utilities District Board of Directors

From: Melissa McMullen, Executive Secretary/Board Clerk

Agenda Section: Consent Calendar

Subject: Minutes of the Regular Board Meeting of January 24, 2023

Summary

Recommendation:

Approve the minutes as presented.

Issue: N/A

Fiscal Impact: N/A

Previously Related Action: N/A

Committee Status: N/A

Adherence to Policy: N/A

Discussion

Attachments:

- January 24, 2023 Regular Board Meeting Minutes

Board Action:	Resolution No. _____ Motion by _____ Second by _____
	Ayes: _____ Noes: _____
	Absent: _____ Abstained: _____ Recuse: _____

TUOLUMNE UTILITIES DISTRICT
REGULAR MEETING MINUTES
JANUARY 24, 2023

A regular meeting of the Board of Directors of Tuolumne Utilities District convened at 9:00 a.m. at the District Office, 18885 Nugget Blvd., Sonora, California.

This meeting was held in accordance with Assembly Bill 361; and the Federal Americans with Disabilities Act. AB 361 allows the Board of Directors to participate by teleconference. Members of the public were able to provide oral comments in-person or telephonically using Zoom during the meeting.

The following Directors and staff were present:

Director Kerns, President
Director Ringen, Vice President
Director Balen
Director Boatright

Don Perkins, General Manager
Erik Johnson, District Engineer
Steve Sheffield, Finance Director
Abby Parcon, Administrative Services Director
Eric Hall, Operations Director
Melissa McMullen, Executive Secretary/Board Clerk
Emily Long, Administrative and External Affairs Specialist
Gaddiel DeMattei, Associate Engineer

Call to Order
Pledge of Allegiance

I. Public Forum

Michael Allen addressed the Board regarding incentives for water conservation.

II. Consent Calendar

1. Minutes of the Regular Board Meeting of January 10, 2023

2. Investment Report as of December 31, 2022

No public comment was heard.

Director Balen moved to approve the Consent Calendar. Director Ringen second the motion and it was approved unanimously.

III. Regular Business

3. Consider Adopting a Resolution Authorizing the Submission of a Department of Water Resources Urban Drought 2022 Tuolumne Utilities District Grant Proposal for the Phoenix Lake Dredging and Bypass Pipeline Project and the Sediment Basin and Wetland Enhancement Project

Emily Long presented a summarization of the request to adopt a Resolution No.3-23 Authorizing the Submission of a Department of Water Resources Urban Drought 2022 Tuolumne Utilities District Grant Proposal for the Phoenix Lake Dredging and Bypass Pipeline Project and the Sediment Basin and Wetland Enhancement Project.

No public comment was heard.

Director Ringen, Vice President moved to adopt Resolution No. 3-23 authorizing staff to submit a grant application for the Urban Community Drought Relief Funding Program funded through the Department of Water Resources for the Phoenix Lake Dredging and Bypass Pipeline Project and the Sediment Basin and Wetland Enhancement Project. Director Balen seconded the motion and it was approved unanimously.

4. Consider Approving a Resolution Adopting the District Investment Policy

Steve Sheffield presented a summarization for the request to adopt Resolution No. 4-23 adopting the District Investment Policy.

No public comment was heard.

Director Balen moved to adopt Resolution No. 4-23 Adopting the District Investment Policy. Director Ringen, Vice President seconded the motion and it was approved unanimously.

5. Consider Approving a Cost Reimbursement Agreement between Tuolumne Utilities District and Chicken Ranch Rancheria

Don Perkins presented a summarization for the request to approve a Cost Reimbursement Agreement between Tuolumne Utilities District and Chicken Ranch Rancheria.

Stephanie Suess spoke on behalf of the Chicken Ranch Rancheria and responded to questions from the Board.

Director Ringen, Vice President moved to authorize Board President Kerns to execute the Cost Reimbursement Agreement between Tuolumne Utilities District and Chicken Ranch Rancheria. Director Boatright seconded the motion and it was approved unanimously.

6. Discussion Regarding Assembly Bill 2449 – Enhanced Teleconferencing and Recent Developments Relating to Assembly Bill 361

Jesse Barton summarized the newly adopted AB 2449, effective January 1, 2023, which enhances some of the Ralph M. Brown Act requirements relating to future teleconferencing by members of the legislative bodies.

No public comment was heard.

7. Discussion and Approval of Timeline for the Selection of a Candidate to Fill the Vacancy on the Board of Directors

Jesse Barton summarized California Government Code Section 1780 which governs the process for filing a vacant position on the Board of Directors.

No public comment.

Director Balen moved to approve the following timeline:

- Staff to post Announcement of Vacancy three times in the Union Democrat, at three public locations and on the TUD website at least 15 days prior to appointment
- Tuesday, February 14, 2023: Filing deadline for candidate applications
- Tuesday, February 28, 2023: Board conducts applicant interviews. Each qualifying candidate will be invited to present their background and qualifications.
- Tuesday, March 14, 2023: Candidate appointment

Director Ringen, Vice President seconded the motion and it was approved unanimously.

IV. Staff Reports

Don Perkins reported on the following items:
-January 24, 2023: Meeting with Tracie Riggs, County Administrator

Eric Hall reported on the follow items:
-Provided an update on District activities

Abby Parcon reported on the following items:
-A Resolution expressing appreciation for District staff will be presented for the Boards consideration at an upcoming Board meeting
-Nick Hayden, Distribution, obtained his Distribution 1 (D1) Certification

V. Directors Communication and Reports

Director Ringen reported on the following items:
-January 12, 2023: Attended the Mountain Counties Water Resources Association (MCWRA) Legislative Committee meeting

VI. Closed Session

a. Conference with Real Property Negotiators Property APN # 083-200-002 Agency Negotiators: Don Perkins, Erik Johnson Other Party to Negotiations: Christopher and Tessa Hatler Under Negotiation: Price and Terms of Payment

Director Kerns recused himself from this item prior to discussion because his business has provided services for the party(s) listed.

No public comment was heard.

VII. Reconvene to Open Session

b. Closed Session Disclosure

The Board voted (3-0) in Closed Session to execute a Purchase and Sale Agreement with Christopher and Tessa Hatler for 0.295 Acre Parcel in the Cedar Ridge area. Director Recused: Director Kerns, President (recused for performing prior work for the Halter's)

c. Consider Executing a Purchase and Sale Agreement with Christopher and Tessa Hatler for 0.295 Acre Parcel in the Cedar Ridge Area

Director Balen moved to authorize Board President Kerns to sign the Purchase and Sale Agreement with Christopher and Tessa Hatler for 0.295 Acre Parcel in the Cedar Ridge area. Director Boatright seconded the motion and it was approved (3-0).
Ayes: Director Ringen, Vice President, Director Balen, Director Boatright
Recused: Director Kerns, President (motion and vote were to authorize President Kerns to sign the agreement despite the recusal and despite that President Kerns took no part in the discussion or either vote.)

Adjournment

Director Kerns returned to the meeting at 11:15 a.m. and adjourned the meeting.

Date: February 14, 2023

ATTEST:

_____
Jeff Kerns
Board of Directors

_____
Melissa McMullen,
Executive Secretary/Board Clerk

TUOLUMNE UTILITIES DISTRICT

Agenda Item No.II.2

MEMORANDUM

Board Meeting of February 14, 2023

To: Tuolumne Utilities Board of Directors

From: Stephen M. Sheffield, CPA, Finance Director

Agenda Section: Consent Calendar

Subject: Approval of Reimbursement Claims for Directors Statement of Meetings Attended and/or Travel Expenses and Claim Summary for January 2023

Summary

Recommendation: Approve reimbursement claims for Directors Statement of Meetings Attended and/or Travel Expenses and Claim Summary for January 2023.

Issue: Items and services are purchased pursuant to Board policy as they are contained in the budget. The Claim Summary is a list of all checks paid for the month of January for such items.

Fiscal Impact: The claim summary consists of 20 pages totaling $1,625,041.18.

Previously Related Action: not applicable.

Committee Status: not applicable.

Adherence to Policy: not applicable

Discussion

Attachments:

- Directors Statement of Meetings Attended and Travel Expenses
- Claim Summary

Board Action:	Resolution No. _____	Motion by _____ Second by _____
	Ayes: _____	Noes: _____
	Absent: _____	Abstained: _____ Recuse: _____

Directors Monthly Statement of Meetings Attended
and Travel Expenses Through January 31, 2023
FISCAL YEAR 2023

	BALEN	BOATRIGHT	KERNS	MURPHY	RINGEN	TOTAL
BEGINNING BALANCES	$ 1,670	$ 900	$ 2,100	$ 3,559	$ 3,234	$ 16,750
JANUARY						
Meetings	1,500	900	-	-	-	2,400
Conferences/Meetings:						
Mileage/Tolls	-	-	578	-	-	578
JANUARY TOTALS	1,500	900	578	-	-	2,978
YEAR TO DATE BALANCES	$ 3,170	$ 1,800	$ 2,678	$ 3,559	$ 3,234	$ 19,728

RECEIVED JAN 12 2023

TUOLUMNE UTILITIES DISTRICT

Board of Directors

Statement of Meetings Attended

For the Month of JULY **, 202** 2

Date	Meetings compensable pursuant to Water Code §30507	Payment Amount
7/12/22	Regular Board Meeting	$ 100.00
7/26/22	Regular Board Meeting	$ 100.00

2

Date	Meetings Attended with No Compensation

Barbara J. Balen Digitally signed by Barbara J. Balen Date: 2020.04.02 12:10:27 -07'00'

Director Signature

PAID JAN 27 2023

Date Paid:

Barbara J. Balen

Printed Name

RECEIVED JAN 1 2 2023

TUOLUMNE UTILITIES DISTRICT

Board of Directors

Statement of Meetings Attended

For the Month of Oct **, 202** 2

Date	Meetings compensable pursuant to Water Code §30507	Payment Amount
10/3/22	MCWRA Strategic Planning	$ 100.00
10/11/22	Regular Board Meeting	$ 100.00
10/20/22	ACWA - MCWRA conference- Murphys	$ 100.00
10/21/22	MCWRA Exec board meeting	$ 100.00
10/25/22	Regular Board Meeting	$ 100.00

5

Date	Meetings Attended with No Compensation

Barbara J. Balen Digitally signed by Barbara J. Balen Date: 2020.04.02 12:10:27 -07'00'

Director Signature

PAID JAN 2 7 2023

Date Paid: _____

Barbara J. Balen

Printed Name

RECEIVED JAN 1 2 2023

TUOLUMNE UTILITIES DISTRICT

Board of Directors

Statement of Meetings Attended

For the Month of NOV **, 202** 2

Date	Meetings compensable pursuant to Water Code §30507	Payment Amount
11/1/22	MCWRA ad hoc committee	$ 100.00
11/8/22	Regular Board Meeting	$ 100.00
11/15/22	Phoenix Lake Restoration and Preservation Wkshp	$ 100.00
11/18/22	Tuolumne County Water Agency Meeting	$ 100.00
11/22/22	MCWRA ad hoc committee	$ 100.00

5

Date	Meetings Attended with No Compensation

Barbara J. Balen Digitally signed by Barbara J. Balen Date: 2020.04.02 12:10:27 -07'00'

Director Signature

PAID JAN 2 7 2023

Date Paid:_____

Barbara J. Balen

Printed Name

RECEIVED JAN 1 2 2023

TUOLUMNE UTILITIES DISTRICT

Board of Directors

Statement of Meetings Attended

For the Month of DEC **, 202** 2

Date	Meetings compensable pursuant to Water Code §30507	Payment Amount
12/2/22	MCWRA Exec Board Meeting	$ 100.00
12/9/22	PG&E meeting	$ 100.00
12/13/22	Regular Board Meeting	$ 100.00

3

Date	Meetings Attended with No Compensation
12/9/22	MCWRA Governance Committee

Barbara J. Balen Digitally signed by Barbara J. Balen Date: 2020.04.02 12:10:27 -07'00'

Director Signature

PAID JAN 2 7 2023

Date Paid:

Barbara J. Balen

Printed Name

RECEIVED JAN 2 4 2023

TUOLUMNE UTILITIES DISTRICT

Board of Directors

Statement of Meetings Attended

For the Month of September **, 202** 2

Date	Meetings compensable pursuant to Water Code §30507	Payment Amount
9/27/22	Regular Board Meeting	$ 100.00
9/28/22	Finance Committee Meeting	$ 100.00

2

Date	Meetings Attended with No Compensation

David L Boatright Digitally signed by David L Boatright Date: 2023.01.23 10:58:43 -08'00'

Director Signature

PAID JAN 2 7 2023

Date Paid:_____

David Boatright

Printed Name

RECEIVED JAN 2 4 2023

TUOLUMNE UTILITIES DISTRICT

Board of Directors

Statement of Meetings Attended

For the Month of October **, 202** 2

Date	Meetings compensable pursuant to Water Code §30507	Payment Amount
10/11/22	Regular Board Meeting	$ 100.00
10/15/22	SRWWTP Construction tour	$ 100.00
10/25/22	Regular Board Meeting	$ 100.00

3

Date	Meetings Attended with No Compensation

David L Boatright Digitally signed by David L Boatright Date: 2023.01.23 11:00:32 -08'00'

Director Signature

PAID JAN 2 7 2023

Date Paid:_____

David Boatright

Printed Name

RECEIVED JAN 2 4 2023

TUOLUMNE UTILITIES DISTRICT

Board of Directors

Statement of Meetings Attended

For the Month of November **, 202** 2

Date	Meetings compensable pursuant to Water Code §30507	Payment Amount
11/8/22	Regular Board Meeting	$ 100.00
11/15/22	Special Board Meeting PLPRP	$ 100.00

2

Date	Meetings Attended with No Compensation

David L Boatright Digitally signed by David L Boatright Date: 2023.01.23 11:02:09 -08'00'

Director Signature

PAID JAN 2 7 2023

Date Paid:

David Boatright

Printed Name

RECEIVED JAN 2 4 2023

TUOLUMNE UTILITIES DISTRICT

Board of Directors

Statement of Meetings Attended

For the Month of December **, 202** 2

Date	Meetings compensable pursuant to Water Code §30507	Payment Amount
12/12/22	T C Special District Association Meeting	$ 100.00
12/13/22	Regular Board Meeting	$ 100.00

2

Date	Meetings Attended with No Compensation

David L Boatright Digitally signed by David L Boatright Date: 2023.01.23 11:03:33 -08'00'

Director Signature

PAID JAN 2 7 2023

Date Paid:_____

David Boatright

Printed Name

Tuolumne Utilities District, CA

Claim Summary

By Vendor Name

Date Range: 01/01/2023 - 01/31/2023

Vendor Name	Payable Description	Payable Amount	Payment Amount
29th District Agricultural Association			144.76
	Sewer Electrical Charges	144.76	
Aaron Pingree			689.04
	RHI	689.04	
Abtech Technologies, Inc.			359.96
	Cyber Recovery Solution	359.96	
ACWA/JPIA - Employee Benefits			12,660.02
	Dental/Vision/Life/EAP February 2023	12,660.02	
ACWA/JPIA - Insurance Premium			47,456.41
	Workers' Compensation Qtr 2 10/1/22 - 12/31/22	47,456.41	
Albert Matlock			155.56
	Annual Safety Toed Boot Allowance	155.56	
Alley Tree & Landscape, Inc.			61,600.00
	Cal Fire Fuels Reduction - crystal falls	31,360.00	
	Cal Fire Fuels Reduction - Oakhaven	30,240.00	
Amazon Web Services, Inc.			428.89
	Off site data storage backup	428.89	
Amos Screen Printing & Embroidery Inc.			435.44
	Rain jacket logo screen printing	435.44	
April Franklin			1,140.00
	Reimbursement - FSA DDC	1,140.00	
April Franklin			628.20
	Reimbursement - Tyler Connect Conference Flight	628.20	
Aqua Sierra Control, Inc.			6,820.89
	SCADA Upgrade CIP Project	6,820.89	
AT&T Mobility			23.50
	AT&T Mobility	23.50	
AT&T			36.03
	Rancho Poquito Circuit - 0699	36.03	
AT&T			948.32
	Main Office Internet	948.32	

Vendor Name	Payable Description	Payable Amount	Payment Amount
AT&T			895.04
	Regional plant internet	895.04	
AT&T			53.30
	Phone Service	53.30	
Bank of America			11,940.78
	1 Gal Distilled Water	29.04	
	Canva Graphic Design App- Visa Paid	119.99	
	Truck 247 Backup Camera CS-19DTRFM4-CC	218.47	
	Network Cards	47.73	
	Protective cell phone case	10.71	
	Brady M21-750-595-WT Labels	201.20	
	Hotstart Engine Heaters	557.56	
	Slonik Head Lamp	309.68	
	Tripp lite surge protectors	245.52	
	Kitchen Supplies	6.01	
	Kitchen Supplies	65.72	
	Columbia Rain Jackets- Water Treatment	525.44	
	Digital Subscription-Sacramento Bee	28.99	
	Tyler Connect Conference 5/7/23 - 5/10/23	3,297.00	
	Tool Quick Connect Straps	28.53	
	Annual Fee -Slicktext Employee Notification System	49.00	
	Director Kerns ACWA Conference Nov. 2022	842.63	
	Truck seat covers	584.57	
	Rubber bands, Hand sanitizer & Hand soap stock	112.35	
	Water Distribution OWP Course	164.53	
	Office of Water Program Water Treatment V 1	114.53	
	Office of Water Programs Distribution Vol 1	164.53	
	TruRed Retractable Gel Pens	33.86	
	Tyler Connect Conference Flights	1,317.94	
	FY 2023 MAILCHIMP SUBSCRIPTION PLAN-VISA CHARGE	97.99	
	Chemical Safety Signs	121.73	
	Quadient Sure Seal Sealing Solution 8704246X	40.46	
	three battery sawzall	575.93	
	50' & 100' Heavy Duty 10/3 Power Cords	879.14	
	OCT Water Quality Academy Classes	1,150.00	
Blue Mountain Minerals			110.14
	3/4" Class 2 Road Base	110.14	
Blue Mountain Minerals			816.23
	road base	205.07	
	road base	203.05	
	road base	203.21	
	road base	204.90	
Blue Mountain Minerals			1,043.24
	road base	208.61	
	road base	204.73	
	road base	209.29	
	road base	217.06	
	road base	203.55	
Blue Mountain Minerals			404.56
	3/4" Class 2 Road Base	201.69	

Vendor Name	Payable Description	Payable Amount	Payment Amount
	3/4" Class 2 Road Base	202.87	
Blue-White Industries Ltd			4,284.65
	M2 Peristaltic Cl2 Pump- Sonora WTP Improvements	4,284.65	
Bob Slater			689.04
	RHI	689.04	
Brad Keefe			2,249.24
	RHI	2,249.24	
Brenda Seldon			689.04
	RHI	689.04	
Brenntag Pacific, Inc.			5,336.79
	Brenntag Order 1/6/2023 DP	5,896.79	
	Credit - Drum return	(560.00)	
Brenntag Pacific, Inc.			774.20
	Brenntag Order 1/6/2023 DP	774.20	
Brenntag Pacific, Inc.			2,579.17
	Brenntag Order 1/17/2023 DP	2,579.17	
BSK Associates			203.00
	Asbestos Water Test Sampling	203.00	
BSK Associates			206.00
	EPA 505/524.2, Nitrate-N, Perchlorate & Title 22	206.00	
Cal.net Inc.			109.87
	Account# 33475 Sonora WTP internet	109.87	
Cal.net Inc.			374.61
	Account# 30563 Big Hill WTP internet	124.87	
	Account# 32781 Quartz internet	124.87	
	Account# 30443 Monte Grande WTP internet	124.87	
Cal.net Inc.			124.87
	Account# 30445 Tuolumne WTP internet	124.87	
California Department of Fish and Wildlif			(5,748.75)
California Department of Fish and Wildlif			6,236.00
	Fee for 1602 permit - Sierra Pines	6,236.00	
Carbon Copy, Inc.			98.53
	Copy Machines	80.31	
	Copy Machine	18.22	
CDTFA			1,501.91
	Annual Water Rights Fee	901.91	
	Brentwood 6263 Annual Water Rights Fee	300.00	
	Lakewood 6289 Annual Water Rights Fee	300.00	

Vendor Name	Payable Description	Payable Amount	Payment Amount
CED Credit			1,906.69
	1-5/8" Fiberstrute Channel & 1-1/2" Clamps	1,906.69	
Cellco Partnership			823.09
	Verizon Smartphones	486.76	
	Verizon phones	133.52	
	Verizon cell service	160.69	
	Verizon cell service	42.12	
Cellco Partnership			830.36
	Verizon Smartphones	490.36	
	Verizon phones	135.34	
	Verizon cell service	162.54	
	Verizon cell service	42.12	
Charles Hunter			2,249.24
	RHI	2,249.24	
Check Processors, Inc.			877.65
	Lockbox services	877.65	
Cheryl Scesa			269.02
	RHI	269.02	
Cintas Corporation #3			1,672.64
	Uniform Laundry Service	138.21	
	Uniform Laundry Service	698.11	
	Uniform Laundry Service	138.21	
	Uniform Laundry Service	698.11	
Cintas Corporation #3			836.32
	Uniform Laundry Service	698.11	
	Uniform Laundry Service	138.21	
Cintas Corporation #3			138.21
	Uniform Laundry Service	138.21	
Cintas Corporation #3			9,032.06
	Logo embroidered Carhartt Winter Jackets	6,805.47	
	Uniform Laundry Service	1,346.30	
	Uniform Laundry Service	138.21	
	Uniform Laundry Service	742.08	
Clarke Broadcasting Corp.			475.00
	Top Banner Leaderboard Advertising - Link	475.00	
Coffee Break Service			263.50
	Coffee & Supplies Service	161.66	
	Coffee & Supplies Service	101.84	
Cole-Parmer Instrument Company			657.86
	Dispenser for Free Chlorine	657.86	

Vendor Name	Payable Description	Payable Amount	Payment Amount
Columbia Communications			480.00
	Radio Service	480.00	
Columbia Sky Mobile Estates			0.79
	Electric Utility	0.79	
Columbia Sky Mobile Estates			46.64
	Electric Utility	46.64	
Comcast			828.86
	Monthly 1GB Internet Backup	648.53	
	Billing fax line & SCADA line	180.33	
Comcast			2,053.50
	Monthly VOIP Phone System	2,053.50	
Condor Earth Technologies, Inc			4,734.25
	Special Inspections	1,105.25	
	Special Inspections	3,629.00	
Craig Hallmeyer			185.29
	RHI	185.29	
CT Bioenergy Consulting LLC			3,446.88
	Cal Fire Fuels reduction	3,446.88	
CT Bioenergy Consulting LLC			275.00
	Forester Consultation- THWWTP Cal Fire Grant	275.00	
David Boatright			1,469.14
	RHI	1,469.14	
David Gracia			2,249.24
	RHI	2,249.24	
Debco Automotive Supply			325.93
	#220 brake pads and rotors	273.19	
	Returned brake rotors	(64.82)	
	Light inventory	117.56	
Debco Automotive Supply			123.84
	RWWTP supplies	123.84	
Debco Automotive Supply			75.25
	Light bulb inventory	28.10	
	#121 gladhand	47.15	
Debco Automotive Supply			250.86
	Coolant	32.13	
	Air fittings	48.75	
	Starter	169.98	
Debco Automotive Supply			452.49

Vendor Name	Payable Description	Payable Amount	Payment Amount
	Wipers & rainX	56.94	
	Filter inventory	137.16	
	Oil inventory	46.20	
	#222 Upper arm	212.19	
Del-Tech Geotechnical Support Services			4,564.00
	Reclamation Ground Water Monitoring	4,564.00	
Dennis Artzer			689.04
	RHI	689.04	
Dennis Hart			2,249.24
	RHI	2,249.24	
Doherty Tire of Sonora, Inc.			1,837.72
	#234 Tires	1,837.72	
Doherty Tire of Sonora, Inc.			1,054.94
	Flat repair	20.00	
	#233 flat repair	20.00	
	#207 Tires	1,014.94	
Doherty Tire of Sonora, Inc.			20.00
	Flat repair	20.00	
Doherty Tire of Sonora, Inc.			5,130.16
	#121 Rear Tires, #149 Front Tires	3,651.90	
	#212 Tires	1,478.26	
DOI/Bureau of Land Management			426.44
	Rent for Temp. ROW on BLM land	426.44	
Don Nessl			689.04
	RHI	689.04	
Douglas Davis			689.04
	RHI	689.04	
El Dorado Septic Service			636.76
	Portable Toilet Rental	155.51	
	Sludge Hauling	481.25	
Elaine Wolfgang			269.02
	RHI	269.02	
Employee Relations, Inc.			117.47
	Pre-employment background checks	117.47	
Environmental Science Associates			7,157.13
	Sierra Pines Permitting	7,157.13	
Environmental Systems Research Institut			400.00
	ESRI Yearly Renewal	400.00	

Vendor Name	Payable Description	Payable Amount	Payment Amount
Fastenal Company			324.87
	Vending Supplies	83.50	
	Vending Supplies	241.37	
Fastenal Company			331.83
	Pitch Forks	331.83	
Fastenal Company			469.54
	Vending Supplies	57.35	
	Vending Supplies	412.19	
Fastenal Company			215.79
	Vending Supplies	83.00	
	Vending Supplies	132.79	
Ferguson Enterprises			610.25
	4" meter parts for sonora meadows	610.25	
Ferguson Enterprises			4,082.21
	Meter Order 08/23/2022 DP	4,082.21	
Ferguson Enterprises			2,402.40
	Reclamation Remote Read Meters	2,402.40	
Five Claw Maintenance			3,252.66
	Janitorial Services	3,252.66	
Five Claw Maintenance			900.00
	Window & Gutter Cleaning - admin building	900.00	
Franchise Tax Board			(47.82)
Franchise Tax Board			47.82
	Acct#JK-281-3469 Billing#CD-9217-73397	47.82	
Frank Perry			689.04
	RHI	689.04	
Frontier Technology LLC,			547.18
	Point to Point Wireless Network	547.18	
Gallery & Barton			3,773.31
	Legal Fees	3,773.31	
Gary Egger			689.04
	RHI	689.04	
General Chemical Performance, LLC			4,006.10
	Bulk Alum - Sonora WTP	4,006.10	

Vendor Name	Payable Description	Payable Amount	Payment Amount
General Plumbing Supply			576.86
	Sonora WTP project	19.54	
	parts for peppermint creek raw service	185.44	
	3" Ball Valve- B/W Decant Tank @ Lakewood WTP	314.73	
	Sonora WTP project	37.96	
	Sonora WTP project	19.19	
General Plumbing Supply			2,700.70
	10" Proco 231 Expansion Joint Fitting	2,152.60	
	Plumbers Putty	2.81	
	Fittings for Jackson St Sewer Repair	545.29	
General Supply			7,371.46
	Sonora Water Improvement CIP	591.94	
	Sonora Water Treatment Electrical Improvements	37.07	
	Sonora Water Treatment Electrical Improvements	175.13	
	Sonora Water Treatment Electrical Improvements	586.45	
	Mono Village Power Pole	691.22	
	Sonora WTP Improvement- Chem Bldg	332.43	
	Mill Villa sewer project	225.16	
	Mill Villa Sewer CIP	124.69	
	Sonora WTP Shop Fix	1,450.92	
	Sonora WTP project	97.12	
	Mono Village SCADA Power Drop	380.70	
	Sonora WTP Parts	585.55	
	Sonora WTP Parts	1,370.60	
	WTP supplies	40.85	
	Electrician small tools	88.17	
	Regional centrifuge	31.60	
	Wall Heaters	561.86	
General Supply			108.51
	Sonora WTP project	83.09	
	Electrician tools	25.42	
George Hill			689.04
	RHI	689.04	
George Reed, Inc.			3,240.04
	cutback	1,255.08	
	18" minus rip rap	1,984.96	
Glenda McWhinney			269.02
	RHI	269.02	
Greg Day			2,249.24
	RHI	2,249.24	
Hach Company			1,843.09
	TU5200 Lab Turb Meter Repair	1,843.09	
Hach Company			1,492.82
	Cl17 Chlorine Reagent Set	1,492.82	

Vendor Name	Payable Description	Payable Amount	Payment Amount
HAO VAN LE			8,855.00
	Quarterly BacT - sewer	8,855.00	
Harriet Whitmer			269.02
	RHI	269.02	
Harrington Industrial Plastics LLC			737.71
	4/20 cables, F.Aid Pump (Walchem) Sonora wtp imp.	737.71	
Horizon Water and Environment, LLC			5,988.50
	Ponderosa Hills	5,373.50	
	Mt. Provo Intertie Environmental	615.00	
Howard Anderson, Jr.			42.92
	Fittings for 2" pump	42.92	
Hunt & Sons, Inc.			9,624.82
	Fuel	7,844.62	
	Fuel	1,780.20	
Hunt & Sons, Inc.			3,939.54
	Fuel	3,939.54	
Hunt & Sons, Inc.			7,691.26
	Fuel	612.11	
	Fuel	2,562.27	
	Fuel	4,516.88	
Hunt & Sons, Inc.			7,474.53
	Fuel	7,474.53	
Hydro-Designs, Inc			14,885.00
	Backflow Prevention Program	14,885.00	
Inception Topco, Inc.			1,615.14
	Office 365 & Email Hosting	1,615.14	
Industrial Scientific Corporation			425.86
	Gas Monitoring Subscription	425.86	
Infosend, Inc.			5,248.32
	Monthly billing charges	5,248.32	
Integra Chemical Co.			2,217.07
	3- 35LB Buckets of Vita-D-Chlor Tablets	2,217.07	
Interstate Truck Center			35.26
	#155 supplies	35.26	
J.P. Gnipp			1,380.00
	Bo Leonards Pipeline Topo map	1,380.00	

Vendor Name	Payable Description	Payable Amount	Payment Amount
J.S. West Propane			883.79
	Bulk Propane	359.44	
	Bulk Propane	524.35	
Jack Morey			70.00
	Reimburse D1 certificate fee	70.00	
Jakin Laxague			1,137.01
	Reimbursement - FSA URM	1,137.01	
James Castle			689.04
	RHI	689.04	
James Lemaster			1,049.12
	RHI	1,049.12	
Jamestown Motor Corp			2,337.89
	#232 Electronic Steering Repair	2,337.89	
Jamestown Motor Corp			367.14
	#240 front brakes	139.94	
	#201 blower motor	227.20	
Jamestown Motor Corp			757.53
	#212 Fuse block	461.87	
	#240 Brake pads	179.87	
	#234 Coolant tank	115.79	
Janet Seilnacht			144.00
	Power connection 1/1/23 - 12/31/23	144.00	
Jason Smith			750.00
	Landscaping Services	750.00	
Jeannine Bolter			269.02
	RHI	269.02	
Jeff Kerns			577.50
	Reimburse travel ACWA conference 2022	577.50	
Jeff Meyer			1,469.14
	RHI	1,469.14	
Jennifer Batt			545.00
	Reimburse FSA-DDC	545.00	
Jeromy Rafferty			41.00
	Reimburse Class B license	41.00	
Jerry Whitehead			1,469.14
	RHI	1,469.14	

Vendor Name	Payable Description	Payable Amount	Payment Amount
Jimmy Hockett			2,249.24
	RHI	2,249.24	
Joe Cover & Sons Inc.			310.62
	Debris Hauling Service	310.62	
Jon Wright			15.00
	#247 flat repair	15.00	
Julie Perkins			161.54
	Garnishment	161.54	
Julie Perkins			161.54
	Garnishment	161.54	
Justin Suefert			356.81
	Refund inspection deposit - Pulpit Rock raw water	356.81	
Jutta Peterson			1,469.14
	RHI	1,469.14	
Karla Hoback			269.02
	RHI	269.02	
Kathleen Kochel			689.04
	RHI	689.04	
Kelly Klyn			689.04
	RHI	689.04	
Kerr Roofing			1,300.00
	Main facility metal roof leak repairs	1,300.00	
Kerr Roofing			250.00
	Repair OPS building roof	250.00	
Kiewit Infrastructure West Co.			871,484.27
	Sonora Regional Wastewater Treatment Facility	871,484.27	
KnowBe4, Inc.			1,930.50
	KnowB4 Renewal	1,930.50	
Kurtis Wainwright			280.46
	Annual Safety Toed Boot Allowance	280.46	
Kurtis Wainwright			65.00
	Reimbursement - D2 Exam	65.00	
L.K. Lehman Trucking			326.47
	55 # 60 Ready Mix	326.47	

Vendor Name	Payable Description	Payable Amount	Payment Amount
Laborer's Local #1130			2,670.00
	Union Dues	2,520.00	
	Union Initiation Fee	150.00	
Laborer's Local #1130			150.00
	Union Initiation Fee	150.00	
Larry Davis			689.04
	RHI	689.04	
Larry Kram			269.02
	RHI	269.02	
Leonard Mauro			689.04
	RHI	689.04	
Les Dean			1,067.32
	RHI	1,067.32	
Lowe's HIW Inc.			1,134.77
	Truck 217 Parts	29.62	
	Sonora WTP Improvements Plumbing Parts	87.11	
	Electrical tools	76.21	
	Brown Silicone Caulking	31.70	
	Apple Valley Well 3 Parts & Truck Tools	35.69	
	Main Generator Switchover Supplies - Power cords	86.94	
	Tool hanging straps & 1/2"x10' magnet tape	36.72	
	Meter Change out Tools Truck#228	116.53	
	Meter Change out Tools Truck#200	116.53	
	Wood burning Kit & 6" Combination Square	28.63	
	Clorox Shock Treatment	61.37	
	Warehouse shipping supplies	89.99	
	Main Generator Switchover Supplies	337.73	
Matt Nolte			159.80
	Annual Safety Toed Boot Allowance	159.80	
Michael Benjamin Nessl			19,500.00
	RWWTP Project Rep	19,500.00	
Michael Duck			689.04
	RHI	689.04	
Michael Martin			689.04
	RHI	689.04	
Michael Nicholls			269.02
	RHI	269.02	
Michael Thalman			1,469.14
	RHI	1,469.14	

Vendor Name	Payable Description	Payable Amount	Payment Amount
Michelle Perkins			325.17
	Reimbursement - Pants	277.87	
	Reimburse Food & Drink - RWWTP	47.30	
Mike Talley			689.04
	RHI	689.04	
Mi-Wuk Mutual Water			1,077.12
	Water Service	1,077.12	
Modesto Welding Products			34.28
	torches	34.28	
Modesto Welding Products			63.22
	Hinges for PRV vault	63.22	
Mother Lode Answering Service			1,125.18
	Answering Service	1,125.18	
Mountain Oasis Purified Water LLC			53.50
	Bottled water for Regional plant - Treatment	18.75	
	Bottled water for Regional plant-Collections Dept	34.75	
Mountain Oasis Purified Water LLC			18.75
	Bottled water for Regional plant - Treatment	18.75	
Mountain Oasis Purified Water LLC			48.00
	Bottled water for Regional plant - Treatment	19.75	
	Bottled water for Regional plant-Collections Dept	28.25	
MuniQuip, Inc.			9,708.67
	Pulsar Equipment	9,708.67	
Natec International, Inc.			3,790.00
	Flagging & Traffic Control Certification	3,790.00	
Nates Saw and Mower, LLC			654.72
	Husqvarna 460 Chainsaw	654.72	
Nicholas Hayden			871.67
	Reimbursement - 1/9/23-1/13/23 D1 Class	801.67	
	Reimb D1 cert	70.00	
Obadiah Rivera			204.95
	Annual Safety Toed Boot Allowance	204.95	
OCTWater Quality Academy			345.00
	OCT Water Quality Class	230.00	
	OCT Water Treatment Exam Review	115.00	

Vendor Name	Payable Description	Payable Amount	Payment Amount
Olin Corp.			5,318.22
	Sodium Hypochlorite Plant # 15285	1,168.18	
	Sodium Hypochlorite Plant # 15285	849.58	
	Sodium Hypochlorite Plant # 15285	531.04	
	Sodium Hypochlorite Plant # 15285	2,769.42	
Olin Corp.			8,665.22
	Sodium Hypochlorite Location 15306	8,665.22	
Olin Corp.			5,266.98
	Sodium Hypochlorite #15302 Sonora WTP	5,266.98	
Osbaldo Madriz Sandoval			217.13
	Annual Safety Toed Boot Allowance	217.13	
P & F Distributers			3,378.44
	12" Electrofusion coupling	3,378.44	
Pace Analytical Services, LLC			3,405.70
	Reclamation Water Quality Analytical Services	3,405.70	
Pace Analytical Services, LLC			638.45
	Annual Quartz Reservoir Water Quality Analysis	638.45	
PACE Supply Corp.			147.65
	Inventory Order 12/05/2022 DP	12.72	
	Inventory Order 12/20/2022 DP	114.10	
	Inventory Order 12/20/2022 DP	20.83	
PACE Supply Corp.			1,355.86
	Hydrant Extensions (For warehouse stock)	1,355.86	
PACE Supply Corp.			8,584.31
	Inventory Order 07/12/2022 DP	362.61	
	Quartz Control Valve Relocate	556.11	
	Inventory Order 10/11/2022 DP	336.76	
	Inventory Order 11/01/2022 DP	699.37	
	Inventory Order 12/05/2022 DP	336.76	
	Inventory Order 12/05/2022 DP	109.91	
	Inventory Order 12/20/2022 DP	505.13	
	Inventory Order 12/20/2022 DP	178.68	
	Inventory Order 1/18/2023 DP	3,932.25	
	Inventory Order 1/18/2023 DP	251.19	
	R37 Concrete Extension 4x7x2 CHCR37X24	1,315.54	
Pacific Advanced Civil Engineering, Inc.			34,475.00
	PACE RWWTP project management	24,275.00	
	THWWTP - Design	10,200.00	
Pacific Gas & Electric			13,458.29
	Electricity	13,458.29	
Pacific Mobile Structures, Inc.			788.29
	Monthly Rental Modular Bldg	788.29	

Vendor Name	Payable Description	Payable Amount	Payment Amount
Pape' Machinery Exchange			170.37
	#171 fuel cap	170.37	
Patricia Haefer			1,469.14
	RHI	1,469.14	
Paul Fairfield			689.04
	RHI	689.04	
Paul Prunchak			269.02
	RHI	269.02	
Quest California News Media Inc.			107.04
	Employment AD	107.04	
Randik Paper			213.90
	Janitorial Supplies	213.90	
Richard Dean			269.02
	RHI	269.02	
Robert Betzler			189.82
	Annual Safety Toed Boot Allowance	189.82	
Robert Bowers			269.02
	RHI	269.02	
Robert Ditler			2,249.24
	RHI	2,249.24	
Robert Hatcher			689.04
	RHI	689.04	
RYAN PROCESS, INC.			1,639.22
	4/20 cables, S.A., Alum pumps (Grundfos) Sonora wt	1,639.22	
Safe-T-Lite			4,643.30
	Gold room Rain Gear Stock	4,643.30	
Sandi Gillespie			689.04
	RHI	689.04	
Sentry Alarm Systems, Inc.			926.25
	Security Gate Latch Service Repair	926.25	
Sentry Alarm Systems, Inc.			1,572.00
	Vehicle Maintenance Building Alarm Monitoring	660.00	
	Warehouse Building Alarm Monitoring	660.00	
	Scenic View WTP Alarm Monitoring	252.00	
Shape Inc.			1,595.62
	Pump Cables for Parrotts Ferry SLS	1,595.62	

Vendor Name	Payable Description	Payable Amount	Payment Amount
Sharon Norris			689.04
	RHI	689.04	
Shelly Borla			1,469.14
	RHI	1,469.14	
Sheri Fleming			689.04
	RHI	689.04	
Shred It USA			150.82
	Shredding Services	150.82	
Siemens Industry, Inc			1,087.52
	Siemens St-h ultrasonic transducer for Regional.	1,087.52	
Sierra Consultants, Inc.			6,270.00
	Sullivans Creek Easements	6,270.00	
Sierra Heavy Duty Parts & Service			42.99
	trailer #145	42.99	
Sierra Pacific Industries			1,061.74
	Camage Ave Road Maintenance Dues 2023	1,061.74	
Signal Service			899.00
	Regional Security Camera	899.00	
Sonora Lumber Company			298.45
	Impact Wrench/Driver; Filter Inspections @ WTP's	298.45	
Sonora Lumber Company			135.71
	18" brush - sewer	32.30	
	Diablo saw blade set & Engineers Hammer 4 LB	103.41	
Sonora Lumber Company			190.46
	Wastewater Treatment Plant Supplies	130.11	
	Raw water supplies	60.35	
Sonora Lumber Company			999.82
	RWWTP Supplies	362.27	
	RWWTP Supplies	135.73	
	Propane	85.55	
	12' Ratchet Tiedown	17.23	
	Construction supplies	44.16	
	map gas torch trk.206	64.64	
	Warehouse Stock	290.24	
Sonora Rentals & Sales			380.00
	trencher rental	380.00	
Sonora Rentals & Sales			297.00
	Chipper Rental for tree clean-up	297.00	

Vendor Name	Payable Description	Payable Amount	Payment Amount
Sonora Water Company			51.89
	Utilities	51.89	
South Bay Foundry Inc			6,751.72
	Manhole Raising Rings	6,751.72	
Standard Insurance			2,491.80
	STD/LTD February 2023	2,491.80	
Stephen Gray			689.04
	RHI	689.04	
Stephen Sheffield			453.50
	Reimbursement - FSA URM	453.50	
Stephen Sheffield			991.28
	Reimbursement - FSA URM	991.28	
Stephen Sheffield			620.80
	Reimbursement - FSA URM	227.82	
	Reimbursement - FSA URM	392.98	
Superior Tank Solutions			2,931.25
	Roof Vent over Hatch rep.- Ponderosa Clearwell #2	2,931.25	
SWRCB			66,852.24
	Large water system annual fees - Sonora	15,472.47	
	Large water system annual fees - Upper Basin	25,627.32	
	Large water system annual fees - Columbia	5,864.20	
	Small water system annual fees - Wards Ferry	570.00	
	Small water system annual fees - Ponderosa Hills	5,940.48	
	Small water system annual fees - Tuolumne	2,038.01	
	Small water system annual fees - Cedar Ridge	6,330.80	
	Small water system annual fees - Peaceful Pines	285.00	
	Small water system annual fees - Phoenix Lake Park	570.00	
	Small water system annual fees - Apple Valley	2,656.08	
	Small water system annual fees - Scenic View	1,132.88	
	Annual Permit Fee - Phoenix Lake Preservation	365.00	
Tamara Alexander			689.04
	RHI	689.04	
Terry Hiler			1,049.12
	RHI	1,049.12	
Terryberry			78.56
	2022 Longevity Awards	78.56	
Thane Allen			884.21
	RHI	884.21	

Vendor Name	Payable Description	Payable Amount	Payment Amount
The Pape' Group Inc.			775.42
	25KW Portable diesel generator rentals	387.71	
	25KW Portable diesel generator rentals	387.71	
The Wardens Office, Inc.			227.13
	Office Supply Stock	227.13	
Thomas Phillips			2,249.24
	RHI	2,249.24	
Thomas Powell			65.00
	Reimbursement - D2 Exam	65.00	
Timothy McCullough			269.02
	RHI	269.02	
Tom Scesa			269.02
	RHI	269.02	
TPPA			54,327.58
	Electricity	54,327.58	
Tractor Supply Company			58.93
	Hitch Pins	58.93	
Trevor Cowden			1,308.75
	Reimburse FSA-URM	1,308.75	
Tri-Dam Project			1,386.69
	Annual license fee - Mt Elizabeth radio tower	1,386.69	
Tuolumne County Environmental Health			4,841.50
	Business Plan Annual Fee FY 23	753.00	
	Business Plan Annual Fee FY 23	314.50	
	Business Plan Annual Fee FY 23	314.50	
	Business Plan Annual Fee FY 23	314.50	
	Business Plan Annual Fee FY 23	314.50	
	Business Plan Annual Fee FY 23	314.50	
	Business Plan Annual Fee FY 23	314.50	
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	Business Plan Annual Fee FY 23	314.50	
	Business Plan Annual Fee FY 23	314.50	
	Business Plan Annual Fee FY 23	314.50	
	Business Plan Annual Fee FY 23	314.50	
Tuolumne County False Alarm Reductior			155.25
	False burglar alarm - Big Hill WTP	98.25	
	False burglar alarm - Tuolumne WTP	57.00	
Tuolumne County Recorder			140.00
	Release of Liens	140.00	

Vendor Name	Payable Description	Payable Amount	Payment Amount
Tuolumne County Recorder			20.00
	Release of Lien	20.00	
Tuolumne County Recorder			20.00
	Release of Lien	20.00	
Twain Harte Community Services District			9,718.56
	Jan 2-5 2023 water during storm emergency	9,718.56	
Twain Harte Lumber			23.63
	Doug fir lumber	23.63	
Tyler Technologies, Inc.			31,537.97
	Annual software maintenance fee	31,537.97	
Tyler Technologies, Inc.			10,834.75
	Insite quarterly transaction fees	10,818.75	
	UB quarterly billing - notification calls	16.00	
Union Hill Inn LLC			144.00
	Power connection 1/1/2023-12/31/2023	144.00	
UPS			111.42
	Freight	111.42	
US Bank Equipment Finance			191.21
	Plotter Lease Payment	191.21	
USA Bluebook			1,768.45
	Chart Paper	1,065.01	
	Hach 100' Digital ext. cable sc200 Sonora WTP Imp.	703.44	
Verlia Teves			269.02
	RHI	269.02	
Virginia Ayers			269.02
	RHI	269.02	
W. W. Grainger, Inc.			716.39
	Cherne Pipe Plugs	716.39	
W. W. Grainger, Inc.			54.59
	Chem pump fittings (Alum)- Sonora WTP Improvements	54.59	
W. W. Grainger, Inc.			41.62
	Chem pump fittings (Alum)- Sonora WTP Improvements	41.62	
W. W. Grainger, Inc.			1,958.70
	Steel toe rubber boots and hip waders	1,515.79	
	Steel toe rubber boots and hip waders	442.91	

Vendor Name	Payable Description	Payable Amount	Payment Amount
Wells Fargo Financial Leasing			1,186.19
	Copier Lease Payment	955.60	
	Copier Lease Payment - Sewer RC40913417	117.45	
	Copier Lease Payment - Water RC40712255	113.14	
Wells Fargo Financial Leasing			1,186.19
	Copier Lease Payment	955.60	
	Copier Lease Payment - Sewer RC40913417	117.45	
	Copier Lease Payment - Water RC40712255	113.14	
WesTech Engineering, LLC			3,613.58
	Channel Mitt Brushes # FS-5-BF Model FSI	3,613.58	
White Cap Construction Supply			2,563.28
	1000 gunny sacks & wood stakes	2,563.28	
White Cap Construction Supply			904.66
	Multiquip 73gpm Submersible pumps	904.66	
Wienhoff & Associates, Inc.			170.00
	DOT Program Queries	170.00	
William Gerber			689.04
	RHI	689.04	
William Pattinson			689.04
	RHI	689.04	

Bank Code AP Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	342.00	179.00	0.00	523,883.10
Manual Checks	-	-	0.00	0.00
Voided Checks	-	2.00	0.00	-5,796.57
Bank Drafts	-	-	0.00	0.00
EFT's	121.00	99.00	0.00	1,106,954.65
	463.00	**280.00**	**0.00**	**1,625,041.18**

TUOLUMNE UTILITIES DISTRICT

Agenda Item No.III.3

MEMORANDUM

Board Meeting of February 14, 2023

To: Tuolumne Utilities District Board of Directors

From: Abby Parcon, Administrative Services Director

Agenda Section: Regular Business

Subject: Consideration to Adopt Resolution Expressing Appreciation to Tuolumne Utilities District Staff for Their Dedication to the District and the Community During the Recent Storms through the New Year Holiday and Through January 2023

Summary

Recommendation:

It is recommended that the Board of Directors, by motion, consider approving the attached resolution expressing appreciation to Tuolumne Utilities District (TUD or District) staff for their hard work and dedication to the district and the community during the recent winter storms spanning from December 27, 2022 through New Year's and Martin Luther King Jr. Holidays to January 16, 2023.

Issue:

The National Weather System reports nine (9) atmospheric river storms occurred from December 27, 2022, through the New Years and MLK Jr. holidays January 16, 2023. While the precipitation and snowpack are desperately needed for water supply, getting nearly a years' worth of annual precipitation in a three week period created significant impacts to the district's water and wastewater systems, including but not limited to, its open water ditches. Typically, the only way to respond to these conditions to ensure customers stay in water with minimal to no interruptions, is to deploy TUD personnel, and plenty of them.

Fiscal Impact: N/A

Previously Related Action: N/A

Committee Status: N/A

Adherence to Policy: N/A

Discussion

At a time when most are enjoying their friends, family and the joys of the holiday season, more than half of TUD employees dropped everything and showed up for the community working tirelessly in harsh weather conditions.

Attachments:

Resolution

Board Action:	Resolution No. _____	Motion by _____	Second by _____
	Ayes: _____	Noes: _____	
	Absent: _____	Abstained: _____	Recuse: _____

RESOLUTION NO._____
TUOLUMNE UTILITIES DISTRICT
EXPRESSING APPRECIATION TO DISTRICT STAFF FOR THEIR DEDICATION TO THE DISTRICT AND COMMUNITY DURING THE RECENT SERIES OF STORMS THROUGH THE NEW YEARS AND MARTIN LUTHER KING JR. HOLIDAYS

WHEREAS, days after the Christmas holiday and for the three weeks that followed through the New Year's and the Martin Luther King Jr. Holidays to January 16, 2023, Tuolumne County experienced nine atmospheric river events bringing significant daily rainfall, electrical storms, heavy snow to higher elevations, and high winds. As a result of the extreme weather conditions, emergency response was needed due to four mainline breaks, sections of ditches being blocked with accumulations of snow, ice and debris and overwhelmed with stormwater, ditch berm failures, flooding, damage from fallen trees, power outages, generator and SCADA failures, all resulting in an extraordinary number of afterhours (four holidays, nights and weekends) and hundreds of hours of overtime while the crews worked tirelessly to maintain continuous water and wastewater services to the residents of Tuolumne County; and

WHEREAS, while many were enjoying their friends, family and the joys of the season, the majority of TUD employees canceled their plans and showed up for the community; and

WHEREAS, District staff worked as a cohesive team with diligence and tenacity during this time, displaying extraordinary commitment and dedication by stepping up and doing what needed to be done; and

WHEREAS, District staff worked long and arduous hours in harsh weather conditions, while still protecting public health and looking out for each other's health and safety, leading to zero work-related injuries; and

WHEREAS, the Board of Directors of Tuolumne Utilities District and the residents of Tuolumne County served by the District commend the following district staff for working around the clock to maintain and restore order to the District's various water and wastewater systems.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the Tuolumne Utilities District as follows:

All involved District personnel are commended for their outstanding efforts above and beyond the call of duty and recognized for their sacrifice during this timeframe, but especially the following departments/individuals who worked one or more holidays, at night and/or on their scheduled days off:

ADMINISTRATIVE SERVICES:
Emily Long

ENGINEERING:
Jennifer Batt
Glen Nunnelley

FINANCE:
Ken Ingram

OPERATIONS:
All Operations Staff

PASSED AND ADOPTED by the Board of Directors of the Tuolumne Utilities District on February 14, 2023, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

ATTEST:

_____	_____
Jeff Kerns, President	Melissa McMullen
Board of Directors	Executive Secretary/Board Clerk

TUOLUMNE UTILITIES DISTRICT

Agenda Item No.III.4

MEMORANDUM

Board Meeting of February 14, 2023

To: Tuolumne Utilities Board of Directors

From: Don Perkins, General Manager
Stephen M. Sheffield, CPA, Finance Director

Agenda Section: Regular Business

Subject: Review the Draft Cost of Service Rate Study Preliminary Report

Summary

Recommendation: Review the draft cost of service rate study preliminary report.

Issue: Tuolumne Utilities District (TUD or District) staff developed the attached preliminary cost of services rate study report.

Fiscal Impact: not applicable

Previously Related Actions:

- November 17, 2015 – Board adopted a resolution to establish new water and sewer rate structures and water and sewer rates and charges effective January 1, 2016, with additional increases on each January 1st for the period of January 1, 2016 through January 1, 2020.
- June 14, 2022 – Board adopted the budget for the fiscal year 2022-2023.
- January 10, 2022 – Board received Cost of Services Analysis presentation and directed staff to proceed with preparation of the Draft Cost of Service Rate Study Report.

Committee Status: not applicable.

Adherence to Policy: not applicable.

Discussion – TUD staff will present the attached draft rate study report that details the rate analysis and five years of proposed water rates effective July 1, 2023. The rates developed in this study are designed to meet the revenue needs and are necessary and required to fund the operating and maintenance expenses, debt service, capital improvements, and reserves of the water and sewer funds of the District. The final draft of the rate study will be prepared prior to your May 17, 2023, public hearing on rates.

Attachments:

Cost of Service Rate Study Preliminary Report

Board Action:	Resolution No. _____	Motion by _____ Second by _____
	Ayes: _____	Noes: _____
	Absent: _____	Abstained: _____ Recuse: _____

COST OF SERVICE RATE STUDY

Preliminary Report

Prepared by: Tuolumne Utilities District

Tuolumne Utilities District

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EXECUTIVE SUMMARY

Background

In November 2015, Tuolumne Utilities District's (District) Board of Directors (Board) approved the Final Draft Rate Study FY16-FY20. On June 14th, 2022, the Board approved the Fiscal Year 2022-2023 Operating Budget and the Fiscal Year 2023 Capital Improvement Plan (CIP).

This Cost of Service Rate Study is part of the District's overall commitment to: (1) provide safe, reliable, and high-quality water and sewer services, (2) operate in a fiscally responsible manner regardless of the economic cycle, (3) comply with all federal and state laws and regulations, and (4) continue implementation of a business model that maintains revenue stability and manages debt.

The Cost of Service Rate Study relies upon the costs, debt, and customer account data as of fiscal year ending June 30, 2022, and the adopted 2023 budgets.

Key Findings

The following are key findings and recommendations of the Cost of Service Rate Study:

Water Rate Structure – The District should continue using the rate revenue recovery option from base charges and customer consumption.

Base Water Rate – The District should continue utilizing the American Water Works Association's (AWWA) industry-standard approach, which relies on the hydraulic capacity of the meters and directly links the customer's base charge to the safe operating capacity of their water meter.

Summary of Proposed Changes and Average Bill Impacts in 2024 – Rate increases are necessary to meet annual operating and maintenance costs, maintain sufficient capital improvement plan reserves, maintain reasonable operating reserves, and maintain adequate debt service coverage ratios. Proposed rate increases are also needed to fund future large capital improvement included in the five-year CIP.

The impacts of proposed 2024 rates on Single Family Residential customers with average consumption (795 cubic feet/month for fiscal year 2022) is as follows: (1) water-only customers have a $21.79 per month increase, (2) sewer only customers have a $9.10 per month increase, and (3) water/sewer customers have a combined $30.89 per month increase, see Table 1.

Table 1 Summary of Current and Proposed Rates

	Current Rate Monthly	Proposed Rate 7/1/2023	Proposed Rate 7/1/2024	Proposed Rate 7/1/2025	Proposed Rate 7/1/2026	Proposed Rate 7/1/2027
Treated Water (Fixed Rate) includes up to 400 cubic feet – 1-inch meter or less; single family residential	$64.50	$82.54	$84.69	$86.74	$87.79	$89.11
Consumptive (per 100 cubic feet)	$3.40	$4.35	$4.46	$4.57	$4.63	$4.70
Raw – Metered (Fixed Rate) includes up to 5,000 cubic feet – 1-inch meter or less	$35.00	$44.79	$45.96	$47.07	$47.64	$48.35
Consumptive (per 100 cubic feet)	$0.34	$0.44	$0.45	$0.46	$0.47	$0.48
Raw – Unmetered (Fixed Rate) includes up to ½ Miner's inch Contract	$35.00	$44.79	$45.96	$47.07	$47.64	$48.35
Each additional ½ Miner's inch of Contract	$18.00	$23.03	$23.63	$24.20	$24.49	$24.86
Consumptive (per Miner's inch per Day)	$6.80	$8.70	$8.93	$9.15	$9.26	$9.40
Sewer (per ESFR)	$51.00	$60.10	$68.53	$68.99	$69.76	$70.77

SECTION 1 – THE COST OF SERVICE RATE METHODOLOGY

This section provides an overview of the Cost of Service Rate Study components, the methodology used in the rate study, and the Proposition 218 requirements to which the District must adhere.

Overview

The methodology of this Cost of Service Rate Study follows industry standards and reflects the fundamental principles of cost-of-service rate making embodied in the AWWA *Principles of Water Rates, Fees, and Charges* also referred to as Manual M1. This publication is one of the most widely cited and referenced industry publications on rate studies. The principles presented in Manual M1 have provided the basic framework for this study.

Rate Structure Design

Although water and sewer utilities across California and the U.S. use a wide variety of rate structures today, they are all based upon a few basic rate design concepts, such as the relationship between fixed and variable costs. Most rate structures contain a fixed or minimum base charge, along with a consumptive charge.

Fixed Charges

Fixed charges are those that do not vary with the amount of water produced or the amount of wastewater handled by a sewer system. A primary purpose of fixed charges is to help a utility cover its fixed costs. Debt service is an example of a fixed cost. Fixed charges are labeled in a variety of ways, include base charges, minimum charges, customer charges, meter charges, etc. Although fixed costs are typically a significant percentage of the utility's total costs, 100% of fixed costs are rarely collected through fixed charges.
Fixed charges for water utilities typically increase by meter size. Because a large portion of water utilities' costs are typically related to meeting capacity requirements, reflecting individual demands for capacity is an important aspect of establishing rates for customers.

Fixed sewer bi-monthly charges are like water in that they reflect costs that do not vary with the amount of wastewater customers generate and send to the treatment plant via the sewer system.

Variable (or Consumptive) Charges

In contrast to fixed costs, variable costs tend to change with the quantity of water produced. Examples include the cost of chemicals, electricity, operation and maintenance, and regulatory compliance. For a water utility, variable charges are based on metered water consumption and charged per cubic foot of consumption.

Proposition 218 Requirements

Article XIII D of the California Constitution, otherwise known as Proposition 218, was adopted by the voters in 1996, and imposes both substantive and procedural requirements on increases to water rates. Proposition 218 provides the opportunity for the public to protest changes to any "property-related fees" and to ensure that such fees are proportional to, and do not exceed, the costs of providing the service for which the fees are charged. Following passage of Proposition 218, various court decisions have considered whether water and sewer service charges are subject to it. Ultimately, the California Supreme Court ruled that usage-based water and sewer rates were "property-related fees" subject to Proposition 218's substantive requirements, and to its notice and protest procedures. Section 6 of Article XIII D sets forth the principal requirements as they relate to public water service fees and charges as follows:

1. Revenues derived from the fee or charge shall not exceed the cost required to provide the property related service.
2. Revenues derived by the fee or charge shall not be used for any purpose other than that for which the fee or charge was imposed.
3. The amount of the fee or charge imposed upon any parcel shall not exceed the proportional cost of service attributable to the parcel.
4. No fee or charge may be imposed for a service unless that service is actually used or immediately available to the owner of the property.
5. No charge may be imposed for general government services where the service is available to the public at large in substantially the same manner as it is to property owners.
6. A public agency must hold a public hearing to consider the adoption of the proposed new or increase in an existing charge; written notice of the public hearing and proposed charge shall be mailed to the record owner of each parcel at least 45 days prior to the public hearing; if the public agency receives written protests to the proposed charge from a majority of the property owners, the charge may not be imposed.

California appellate courts have published numerous decisions in recent years interpreting the Proposition 218 requirements listed above.

During the preparation of this Cost of Service Rate Study, the District has carefully reviewed relevant decisions and conformed this Cost of Service Rate Study, along with its recommended actions, to the legal requirements of Proposition 218 and the judicial decisions pertaining thereto.

SECTION 2 – FINANCIAL PLANS

This section provides an overview of the District's financial planning process, operating and capital improvement costs, and the sources and uses of water and sewer funds.

General Financial Policy and Budget Considerations

It is important for the District to follow sound financial management practices. This includes maintaining a reasonable operating reserve, funding working capital, and maintaining a good credit rating. The District's current approach to meeting these objectives is as follows:

Meeting Annual Operating and Maintenance Costs: The District's annual operating budget identifies the District's expenditures for operating and maintaining the water and sewer utilities. The adoption and updating of this budget is approved each year by the Board.

Maintaining Sufficient Capital Improvement Program Reserves: With an installed asset base of approximately $96 million in historical costs, the District has substantial capital improvement requirements for projects to refurbish, replace, and expand these assets. The District strives to maintain an appropriate balance between pay-as-you-go, or cash-funding, grant funding, and funding of these projects through issuance of debt. The balance is determined with the overall intent of minimizing rate increases and maintaining the financial health of the District.

Maintaining Reasonable Reserves per District Policy:

- Operating Fund Reserve which is intended to reduce impacts from unforeseen events such as increased costs, severe drought, heavy rainfall or severe winter storm events, replacement of rolling stock, litigation, and legislative actions. The District has a target reserve for this fund as a range between a minimum of 90 days (3 months) of annual operation and maintenance ("O&M") expense and a maximum of 270 days (9 months) of O&M.
- Contingency/Emergency Fund Reserve to protect the District against the financial impacts from unanticipated catastrophes or emergencies. It provides funding for emergency repairs or failure of essential equipment that needs to be immediately replaced. The target reserve for this fund is two percent (2%) of annual O&M.

Maintaining Adequate Debt Service Coverage Ratios: A "coverage ratio" is required as a part of the obligations incurred when a utility issues revenue bonds or similar debt instruments stating the District will fix, prescribe, and collect rates and charges to yield net revenues, after operating expenses, equal to one hundred twenty-five percent (125%) of debt service in any given fiscal year. The District is legally required to maintain a debt service coverage ratio of at least 1.25.

Revenue Requirements and Rate Revenue

In developing the rate revenue requirements and projecting rate revenue, this Cost of Service Rate Study relies upon the costs, debt, and customer account data as of fiscal year ending June 30, 2022, actuals along with fiscal year ending June 30, 2023, adopted budget. Importantly, this Cost of Service Rate Study continues to rely on substantial non-rate revenues to meet the District's total revenue requirements and thereby offsetting the net requirements from rate revenue. Tables 2 and 3 detail the revenue requirements for the water and sewer systems, respectively.

Table 2 Water System Revenue Requirements

WATER SYSTEM	Projected				
	2024	2025	2026	2027	2028
REVENUE					
Service charges	$ 16,041,278	$ 20,576,156	$ 21,163,209	$ 21,727,283	$ 22,051,617
Property tax	924,849	934,097	943,438	952,872	962,401
Debt service recovery charges	199,673	199,673	199,673	183,235	183,235
Investment income	263,087	188,169	188,169	188,169	188,169
Miscellaneous	88,773	91,436	94,179	97,004	99,914
TOTAL REVENUE	17,517,660	21,989,531	22,588,668	23,148,563	23,485,336
EXPENSES					
O&M - labor	9,990,409	10,389,749	10,669,745	10,896,619	11,100,186
O&M - services and supplies	5,269,339	5,391,916	5,689,132	5,772,998	5,974,197
Water debt service	235,227	235,951	233,546	233,410	233,094
CIP	6,508,298	6,508,298	6,508,298	6,508,298	6,508,298
TOTAL EXPENSES	22,003,273	22,525,914	23,100,721	23,411,325	23,815,775
TOTAL REVENUE REQUIREMENTS	**$ (4,485,613)**	**$ (536,383)**	**$ (512,053)**	**$ (262,762)**	**$ (330,439)**
PERCENT INCREASE	**28.0%**	**2.6%**	**2.4%**	**1.2%**	**1.5%**

Table 3 Sewer System Revenue Requirements

SEWER SYSTEM	Projected				
	2024	2025	2026	2027	2028
REVENUE					
Service charges	$ 6,776,987	$ 8,008,997	$ 9,157,336	$ 9,244,753	$ 9,374,239
Property tax	308,282	311,365	314,479	317,624	320,800
Investment income	263,087	188,169	188,169	188,169	188,169
Miscellaneous	3,301	3,301	3,301	3,301	3,301
TOTAL REVENUE	7,351,657	8,511,832	9,663,285	9,753,847	9,886,509
TOTAL EXPENSES					
O&M - labor	3,759,283	3,913,442	4,022,847	4,111,065	4,191,394
O&M - services and supplies	2,701,864	2,986,836	3,122,843	3,166,894	3,251,946
Sewer debt service	310,250	944,417	789,292	789,292	789,292
CIP	1,789,907	1,789,907	1,789,907	1,789,907	1,789,907
TOTAL EXPENSES	8,561,304	9,634,602	9,724,889	9,857,158	10,022,539
TOTAL REVENUE REQUIREMENTS	**$ (1,209,647)**	**$ (1,122,770)**	**$ (61,604)**	**$ (103,311)**	**$ (136,030)**
PERCENT INCREASE	**17.8%**	**14.0%**	**0.7%**	**1.1%**	**1.5%**

CIP Expenditures

The District's Mission Statement includes a commitment to provide responsible water and wastewater services for its customers. The replacement of capital assets is one key component of providing this safe and reliable service.

One of the most significant factors in the District's financial planning has been the need to fund the capital improvement program (CIP). Figure 1 provides an overview of the District's CIP expenditures from 2003 to 2022 and projections through 2027.

The overwhelming majority of these expenditures were for projects to replace aging infrastructure and to address compliance with regulatory requirements. The projected 2023-2027 CIP expenditures represent the most current plan adopted by the Board. The five-year estimate of expenditures between 2023-2027 totals approximately $39 million and reflects the growing capital improvement needs of the District's infrastructure to maintain reliable service and comply with various mandates.

The District anticipates new debt will be needed to fund some of the large capital replacement projects for the water utility such as Sierra Pines Regional Water Treatment Facility project.

Annual revenues will be used to fund numerous replacement projects in water and sewer utility on a pay-as-you-go basis. Facility Capacity Charges collected from new development are also used to fund the CIP. The entirety of the District's planned capital projects is described in the 2023-2027 Capital Improvement Plan.

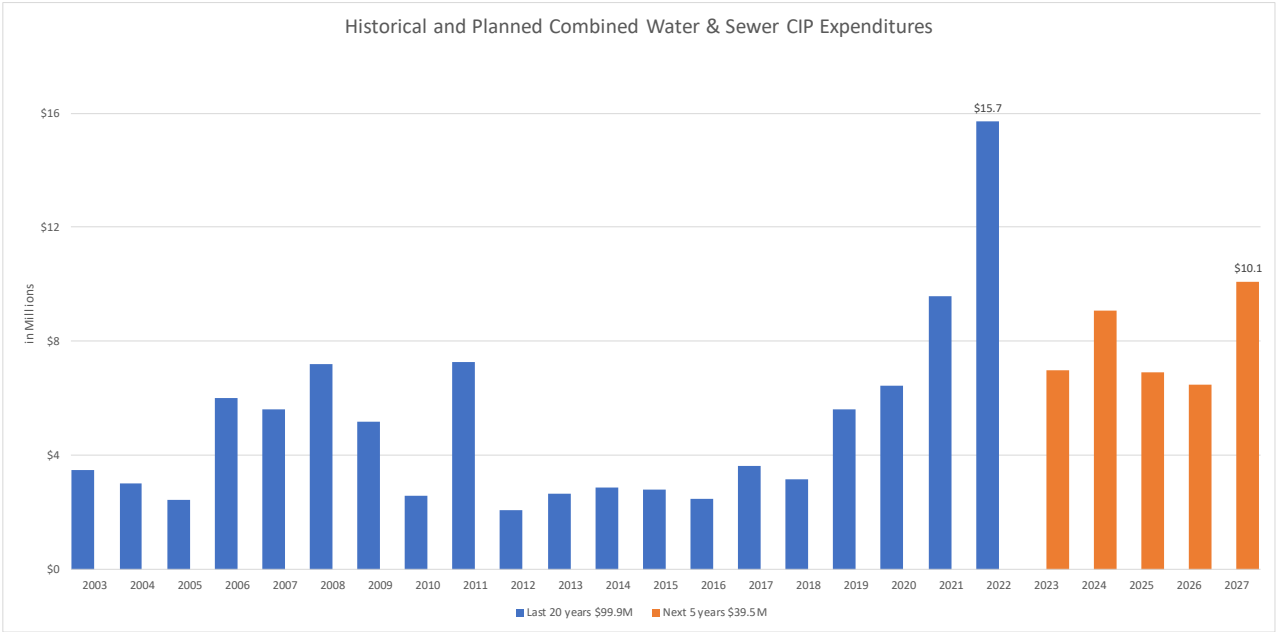

Figure 1 Historical and Planned Combined Water & Sewer CIP Expenditures

SECTION 3 – PROPOSED RATES AND CUSTOMER BILL IMPACTS

This section describes the District's rate revenue requirements, the proposed rate increases necessary to meet those revenue requirements, and the average customer bill impacts expected from those increases. This section also presents a comparison of the District's water and sewer rates to similar water and sewer agencies in the region.

Current Water Rates and Revenue Requirement from Rates

As described above, the Cost of Services Rate Study utilizes 2022 actual data; as well as adopted budget projections, on costs, debt, customer usage and accounts to develop revenue requirements for the years 2024-2028.

The District's water rate structure includes both fixed and variable charges: fixed charges consist of a base monthly charge that increases with the size of the meter and include the first 400 cubic feet of water; variable charges are consumptive rates for quantity of water used above the first 400 cubic feet. The current rates are those adopted by the District effective on January 1, 2020. Table 4 summarizes the proposed fixed and consumptive rates for potable water customers. Raw water customers' rate structure is shown in Tables 5 and 6.

Table 4 Treated Water Monthly Rates

Treated Water Monthly		Proposed				
Meter size	Current	7/1/2023	7/1/2024	7/1/2025	7/1/2026	7/1/2027
1 inch or less	$ 64.50	$ 82.54	$ 84.69	$ 86.74	$ 87.79	$ 89.11
1 1/2 inch	$ 103.20	$ 132.06	$ 135.50	$ 138.78	$ 140.46	$ 142.56
2 inch	$ 148.35	$ 189.83	$ 194.78	$ 199.49	$ 201.90	$ 204.93
3 inch	$ 328.95	$ 420.93	$ 431.90	$ 442.35	$ 447.70	$ 454.41
4 inch	$ 457.95	$ 586.01	$ 601.29	$ 615.84	$ 623.29	$ 632.63
6 inch	$ 806.25	$ 1,031.70	$ 1,058.59	$ 1,084.20	$ 1,097.31	$ 1,113.75
8 inch	$ 1,231.95	$ 1,576.44	$ 1,617.53	$ 1,656.67	$ 1,676.71	$ 1,701.84
Over 400 cf (per 100 cf)	$ 3.40	$ 4.35	$ 4.46	$ 4.57	$ 4.63	$ 4.70

Table 5 Raw Water Metered Monthly Rates

Raw Meter Water Monthly		Proposed				
Meter size	Current	7/1/2023	7/1/2024	7/1/2025	7/1/2026	7/1/2027
1 inch or less	$ 35.00	$ 44.79	$ 45.96	$ 47.07	$ 47.64	$ 48.35
1 1/2 inch	$ 56.00	$ 71.66	$ 73.53	$ 75.31	$ 76.22	$ 77.36
2 inch	$ 80.50	$ 103.01	$ 105.70	$ 108.26	$ 109.57	$ 111.21
3 inch	$ 178.50	$ 228.41	$ 234.36	$ 240.03	$ 242.93	$ 246.57
4 inch	$ 248.50	$ 317.99	$ 326.28	$ 334.17	$ 338.21	$ 343.28
6 inch	$ 437.50	$ 559.84	$ 574.43	$ 588.33	$ 595.45	$ 604.37
8 inch	$ 668.50	$ 855.43	$ 877.73	$ 898.97	$ 909.84	$ 923.47
Over 5,000 cf (per 100 cf)	$ 0.34	$ 0.44	$ 0.45	$ 0.46	$ 0.47	$ 0.48

Table 6 Raw Water MID Monthly Rates

Raw MID Water Monthly		Proposed				
Miner's Inch	Current	7/1/2023	7/1/2024	7/1/2025	7/1/2026	7/1/2027
First 1/2 MID	$ 35.00	$ 44.79	$ 45.96	$ 47.07	$ 47.64	$ 48.35
Additional per 1/2 MID	$ 18.00	$ 23.03	$ 23.63	$ 24.20	$ 24.49	$ 24.86
Over 2 MID	$ 6.80	$ 8.70	$ 8.93	$ 9.15	$ 9.26	$ 9.40

Current Sewer Rates and Rate Revenue Requirement

The District's current and proposed sewer rates are fixed monthly, or basic charges, with no consumptive rates. The current rates are those adopted by the District effective on January 1, 2020. The proposed sewer rate increases for 2024-2028 are shown in Table 7.

Table 7 Sewer Monthly Rates

Sewer		Proposed				
	Current	7/1/2023	7/1/2024	7/1/2025	7/1/2026	7/1/2027
1-unit ESFR	$ 51.00	$ 60.10	$ 68.53	$ 68.99	$ 69.76	$ 70.77

Proposed Rate Increases for 2024-2028 and Customer Bill Impacts

This Cost of Service Rate Study projects that rate increases are necessary to meet annual operating and maintenance costs while maintaining reasonable operating reserves, fund large capital improvement projects while maintaining adequate replacement reserves and maintain adequate debt service coverage ratios. For treated water and raw water customers, this Cost of Service Rate Study concludes that 28%, 2.6%, 2.4%, 1.2%, and 1.5% increases are necessary for fiscal years 2024 through 2028, respectively. For sewer customers, this Cost of Services Rate Study concludes that 17.8%, 14%, 0.7%, 1.1%, and 1.5% increases

are necessary for fiscal years 2024 through 2028, respectively. The following describes the impact of these changes to District customers. The proposed monthly rate schedules for 2024-2028 is shown in Appendices B and D for water and sewer, respectively.

Incremental Monthly Bill Impacts. The impact of the rate changes on each customer bill will differ based on the amount of water used and whether the customer has water service only, sewer service only, or both water and sewer services.. Tables 8 through 11 show the increases by fiscal years. These tables reflect (1) treated water service, (2) raw water metered, (3) raw water MID, and (4) sewer service, respectively.

Table 8 Treated Water Rate Increase

Treated Water Monthly	Proposed increase				
Meter size	7/1/2023	7/1/2024	7/1/2025	7/1/2026	7/1/2027
1 inch or less	$ 18.04	$ 2.15	$ 2.05	$ 1.05	$ 1.32
1 1/2 inch	$ 28.86	$ 3.44	$ 3.28	$ 1.68	$ 2.10
2 inch	$ 41.48	$ 4.95	$ 4.71	$ 2.41	$ 3.03
3 inch	$ 91.98	$ 10.97	$ 10.45	$ 5.35	$ 6.71
4 inch	$ 128.06	$ 15.28	$ 14.55	$ 7.45	$ 9.34
6 inch	$ 225.45	$ 26.89	$ 25.61	$ 13.11	$ 16.44
8 inch	$ 344.49	$ 41.09	$ 39.14	$ 20.04	$ 25.13
Over 400 cf (per 100 cf)	$ 0.95	$ 0.11	$ 0.11	$ 0.06	$ 0.07

Table 9 Raw Water Metered Rate Increase

Raw Meter Water Monthly	Proposed increase				
Meter size	7/1/2023	7/1/2024	7/1/2025	7/1/2026	7/1/2027
1 inch or less	$ 9.79	$ 1.17	$ 1.11	$ 0.57	$ 0.71
1 1/2 inch	$ 15.66	$ 1.87	$ 1.78	$ 0.91	$ 1.14
2 inch	$ 22.51	$ 2.69	$ 2.56	$ 1.31	$ 1.64
3 inch	$ 49.91	$ 5.95	$ 5.67	$ 2.90	$ 3.64
4 inch	$ 69.49	$ 8.29	$ 7.89	$ 4.04	$ 5.07
6 inch	$ 122.34	$ 14.59	$ 13.90	$ 7.12	$ 8.92
8 inch	$ 186.93	$ 22.30	$ 21.24	$ 10.87	$ 13.63
Over 5,000 cf (per 100 cf)	$ 0.10	$ 0.01	$ 0.01	$ 0.01	$ 0.01

Table 10 Raw Water MID Rate Increase

Raw MID Water Monthly	Proposed increase				
Miner's Inch	7/1/2023	7/1/2024	7/1/2025	7/1/2026	7/1/2027
First 1/2 MID	$ 9.79	$ 1.17	$ 1.11	$ 0.57	$ 0.71
Additional per 1/2 MID	$ 5.03	$ 0.60	$ 0.57	$ 0.29	$ 0.37
Over 2 MID	$ 1.90	$ 0.23	$ 0.22	$ 0.11	$ 0.14

Table 11 Sewer Rate Increase

Sewer	Proposed increase				
	7/1/2023	7/1/2024	7/1/2025	7/1/2026	7/1/2027
1-unit ESFR	$ 9.10	$ 8.43	$ 0.46	$ 0.77	$ 1.01

Regional Comparison of Customer Bills

Figures 2, 3, and 4 compare the District's proposed Single Family Residential customer bills for water, sewer, and combined to other agencies in the region.

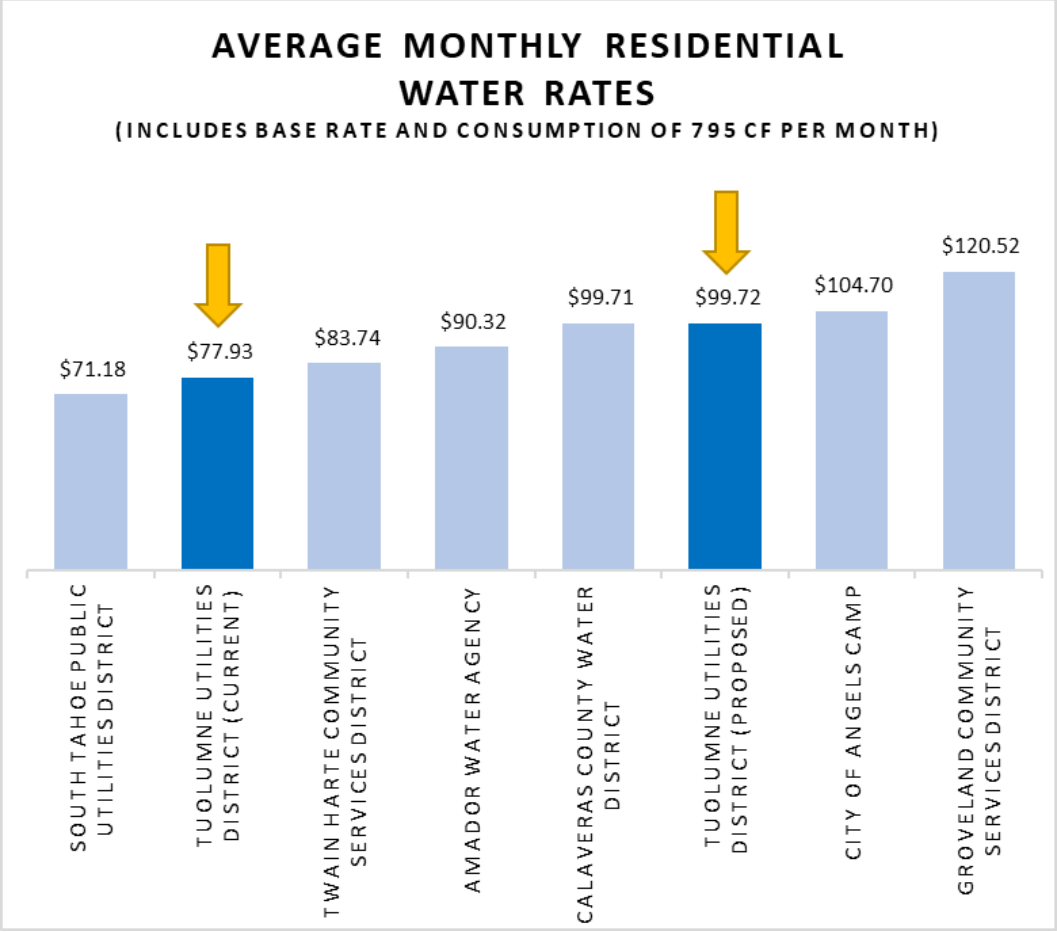

Figure 2 Average Monthly Residential Water Rates

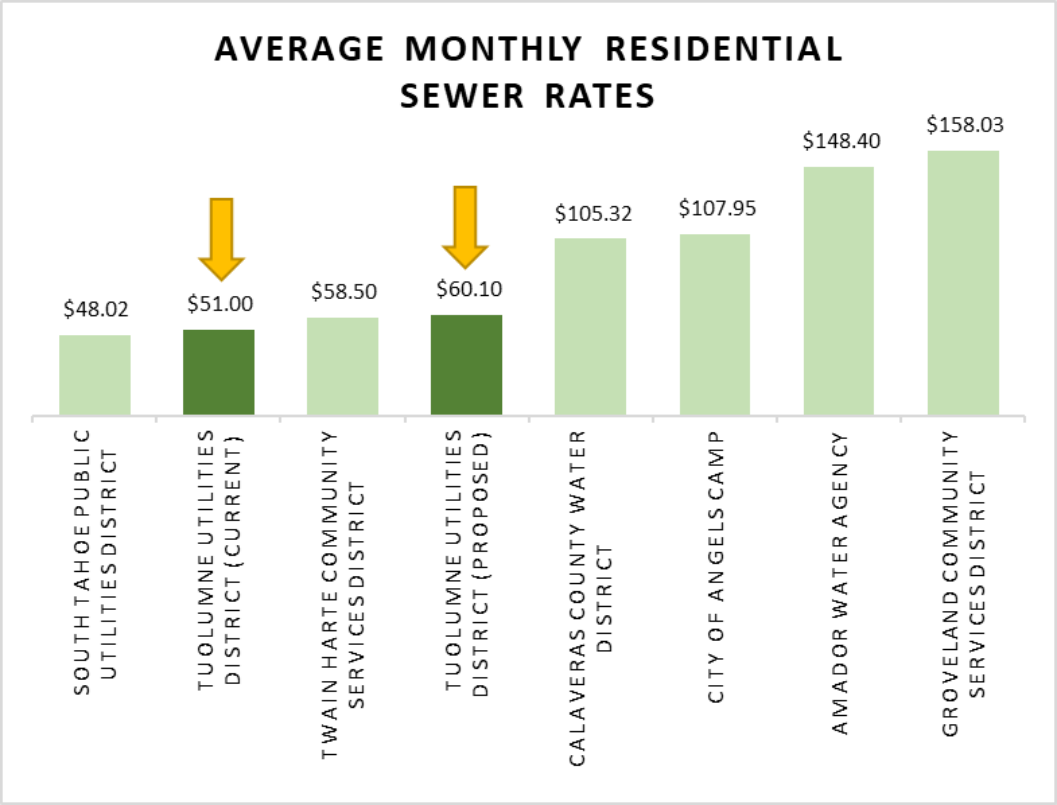

Figure 3 Average Monthly Residential Sewer Rates

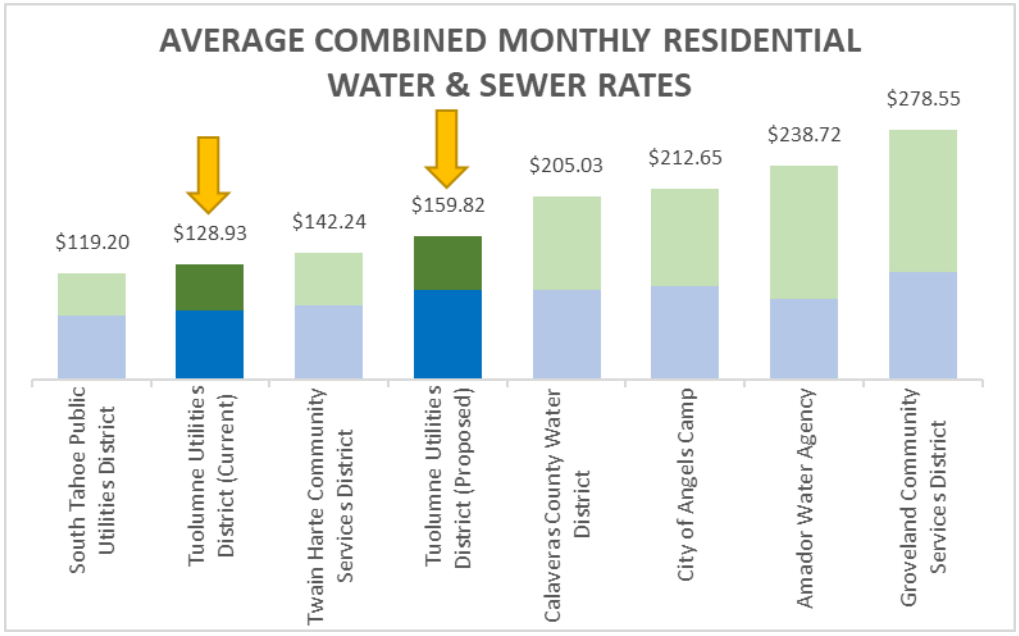

Figure 4 Average Combined Monthly Residential Water & Sewer Rates

APPENDICES

APPENDIX A – CURRENT WATER SERVICE CHARGES AND RATES

Charge For Treated Water Service

The following rates and charges shall be effective as indicated below.

Monthly Fixed Charges - Meter Size: Minimum Monthly Fixed Service Charges

Meter Size	Effective 1/1/2016	Effective 1/1/2017	Effective 1/1/2018	Effective 1/1/2019	Effective 1/1/2020
5/8 or 3/4 - inch	$47.50	$52.50	$56.50	$60.50	$64.50
1 - inch	$47.50	$52.50	$56.50	$60.50	$64.50
1 1/2 - inch	$76.00	$84.00	$90.40	$96.80	$103.20
2 - inch	$109.25	$120.75	$129.95	$139.15	$148.35
3 - inch	$242.25	$267.75	$288.15	$308.55	$328.95
4 - inch	$337.25	$372.75	$401.15	$429.55	$457.95
6 - inch	$593.75	$656.25	$706.25	$756.25	$806.25
8 - inch	$907.25	$1,002.75	$1,079.15	$1,155.55	$1,231.95

Consumptive – Quantity Rates Treated Water Service

Quantity Rates Monthly Per 100 Cubic Feet	MONTHLY QUANTITY CHARGE				
	Effective 1/1/2016	Effective 1/1/2017	Effective 1/1/2018	Effective 1/1/2019	Effective 1/1/2020
Tier 1 — Up to 400 cu. ft.	$0.00	$0.00	$0.00	$0.00	$0.00
Tier 2 — Over 400 cu. ft.	$2.50	$2.75	$3.00	$3.20	$3.40

Wholesale Treated Water Service Customers

Those Wholesale Treated Water Service Customers under existing contract(s) shall be required to pay under the terms and conditions of their respective contracts.

Charge for Raw (Untreated) Water Service

The following rates shall be effective as indicated below. The rate structure for metered raw (untreated) water service consists of a monthly service charge based on the size of the water meter plus a quantity charge for all metered consumption of water. Included with the monthly fixed raw water rate charge is up to 5,000 cubic feet of water. The rate structure for unmetered raw (untreated) water service consists of a minimum Monthly Fixed Service Charge based on each ½ Miner's Inch under contract plus a quantity charge for each Miner's Inch Day (MID) per month of water requested. Included in the Monthly Fixed Charge is up to 2 Miner's Inch Days. The minimum monthly fixed service charge is billed on a 12 month basis.

Metered Raw Water Customers Monthly Fixed Charges

Meter Size: Minimum Monthly Fixed Service Charges

Meter Size	MONTHLY FIXED CHARGE				
	Effective 1/1/2016	Effective 1/1/2017	Effective 1/1/2018	Effective 1/1/2019	Effective 1/1/2020
5/8 or 3/4 -	$15.00	$20.00	$25.00	$30.00	$35.00
1 - inch	$15.00	$20.00	$25.00	$30.00	$35.00
1 1/2 - inch	$24.00	$32.00	$40.00	$48.00	$56.00
2 - inch	$34.50	$46.00	$57.50	$69.00	$80.50
3 - inch	$76.50	$102.00	$127.50	$153.00	$178.50
4 - inch	$106.50	$142.00	$177.50	$213.00	$248.50
6 - inch	$187.50	$250.00	$312.50	$375.00	$437.50
8 - inch	$286.50	$382.00	$477.50	$573.00	$668.50

Quantity Rates

Monthly Quantity Per 100 Cubic Feet	MONTHLY QUANTITY CHARGE				
	Effective 1/1/2016	Effective 1/1/2017	Effective 1/1/2018	Effective 1/1/2019	Effective 1/1/2020
Up to 5,000 cu. ft.	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Over 5,000 cu. ft.	$ 0.25	$ 0.28	$ 0.30	$ 0.32	$ 0.34

Unmetered Raw Water – MID* Rates

*Miner's Inch Day (MID) – A term used in water measurement. By California statute, one miner's inch flow in for one day is equivalent to 1.5 cubic feet per minute or 11.22 gallons per minute.

Minimum Monthly Fixed Service Charges

Per Miner's Inch Per Month	Effective 1/1/2016	Effective 1/1/2017	Effective 1/1/2018	Effective /1/2019	Effective 1/1/2020
First 1/2 miner's inch of contract	$15.00	$20.00	$25.00	$30.00	$35.00
Additional capacity, per 1/2 miner's inch	$6.00	$9.00	$12.00	$15.00	$18.00
Per Miner's Inch Day	**Quantity Rates Per Day**				
Up to 2 MIDs per month	$0.00	$0.00	$0.00	$0.00	$0.00
Over 2 MIDs per month	$5.00	$5.50	$6.00	$6.40	$6.80

APPENDIX B – PROPOSED WATER SERVICE CHARGES AND RATES

Charge For Treated Water Service

The following rates and charges shall be effective as indicated below.

Monthly Fixed Charges - Meter Size: Minimum Monthly Fixed Service Charges

Meter Size	Effective 7/1/2023	Effective 7/1/2024	Effective 7/1/2025	Effective 7/1/2026	Effective 7/1/2027
5/8 or 3/4 - inch	$82.54	$84.69	$86.74	$87.79	$89.11
1 - inch	$82.54	$84.69	$86.74	$87.79	$89.11
1 1/2 - inch	$132.06	$135.50	$138.78	$140.46	$142.56
2 - inch	$189.83	$194.78	$199.49	$201.90	$204.93
3 - inch	$420.93	$431.90	$442.35	$447.70	$454.41
4 - inch	$586.01	$601.29	$615.84	$623.29	$632.63
6 - inch	$1,031.70	$1,058.59	$1,084.20	$1,097.31	$1,113.75
8 - inch	$1,576.44	$1,617.53	$1,656.67	$1,676.71	$1,701.84

Consumptive – Quantity Rates Treated Water Service

Quantity Rates Monthly Per 100 Cubic Feet	MONTHLY QUANTITY CHARGE				
	Effective 7/1/2023	Effective 7/1/2024	Effective 7/1/2025	Effective 7/1/2026	Effective 7/1/2027
Tier 1 — Up to 400 cu. ft.	$0.00	$0.00	$0.00	$0.00	$0.00
Tier 2 — Over 400 cu. ft.	$4.35	$4.46	$4.57	$4.63	$4.70

Wholesale Treated Water Service Customers

Those Wholesale Treated Water Service Customers under existing contract(s) shall be required to pay under the terms and conditions of their respective contracts.

Charge for Raw (Untreated) Water Service

The following rates shall be effective as indicated below. The rate structure for metered raw (untreated) water service consists of a monthly service charge based on the size of the water meter plus a quantity charge for all metered consumption of water. Included with the monthly fixed raw water rate charge is up to 5,000 cubic feet of water. The rate structure for unmetered raw (untreated) water service consists of a minimum Monthly Fixed Service Charge based on each ½ Miner's Inch under contract plus a quantity charge for each Miner's Inch Day (MID) per month of water requested. Included in the Monthly Fixed Charge is up to 2 Miner's Inch Days.

Metered Raw Water Customers Monthly Fixed Charges

Meter Size: Minimum Monthly Fixed Service Charges

Meter Size	MONTHLY FIXED CHARGE				
	Effective 7/1/2023	Effective 7/1/2024	Effective 7/1/2025	Effective 7/1/2026	Effective 7/1/2027
5/8 or 3/4 -	$44.79	$45.96	$47.07	$47.64	$48.35
1 - inch	$44.79	$45.96	$47.07	$47.64	$48.35
1 1/2 - inch	$71.66	$73.53	$75.31	$76.22	$77.36
2 - inch	$103.01	$105.70	$108.26	$109.57	$111.21
3 - inch	$228.41	$234.36	$240.03	$242.93	$246.57
4 - inch	$317.99	$326.28	$334.17	$338.21	$343.28
6 - inch	$559.84	$574.43	$588.33	$595.45	$604.37
8 - inch	$855.43	$877.73	$898.97	$909.84	$923.47

Quantity Rates

Monthly Quantity Per 100 Cubic Feet	MONTHLY QUANTITY CHARGE				
	Effective 7/1/2023	Effective 7/1/2024	Effective 7/1/2025	Effective 7/1/2026	Effective 7/1/2027
Up to 5,000 cu. ft.	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Over 5,000 cu. ft.	$0.44	$0.45	$0.46	$0.47	$0.48

Unmetered Raw Water – MID* Rates

*Miner's Inch Day (MID) – A term used in water measurement. By California statute, one miner's inch flow in for one day is equivalent to 1.5 cubic feet per minute or 11.22 gallons per minute.

Minimum Monthly Fixed Service Charges

Per Miner's Inch Per Month	Effective 7/1/2023	Effective 7/1/2024	Effective 7/1/2025	Effective 7/1/2026	Effective 7/1/2027
First 1/2 miner's inch of contract	$44.79	$45.96	$47.07	$47.64	$48.35
Additional capacity, per 1/2 miner's inch	$23.03	$23.63	$24.20	$24.49	$24.86
Per Miner's Inch Day	**Quantity Rates Per Day**				
Up to 2 MIDs per month	$0.00	$0.00	$0.00	$0.00	$0.00
Over 2 MIDs per month	$8.70	$8.93	$9.15	$9.26	$9.40

Backflow Prevention Assembly Testing and Maintenance Program – customers with backflow prevention devices will be charged the actual fee paid to the outside contractor to reimburse the District. Presently the fee is $65 per annual inspection.

APPENDIX C – CURRENT SEWER SERVICE CHARGES AND RATES

SEWER SERVICE CHARGES AND OTHER RATE SCHEDULES

Charges for Sewer Service

The following rates and changes shall be effective as indicated below:

Monthly Fixed Charges

Monthly Sewer Charge Based on 1 Single Family Residence				
1/1/2016	1/1/2017	1/1/2018	1/1/2019	1/1/2020
$40.00	$43.00	$46.00	$49.00	$51.00

A Monthly Fixed Charge will be collected on each *Single Family Residence*, regardless of size or *Equivalent Single Family Residence* (ESFR) classification under "Exhibit A" of this Wastewater Ordinance. For purposes of assigning *Sewer Service Charges* each Single Family Residence shall be classified as one (1) Monthly Fixed Charge. For all Non-Single Family Residences, the ESFR allocation in "Exhibit A" shall be used as the basis of assigning Monthly Fixed Charges for sewer services.

Subscribers Monthly User Charges

The Monthly User Charges below are per Equivalent Single Family Residence (ESFR).

District	Effective 1/1/2016	Effective 1/1/2017	Effective 1/1/2018	Effective 1/1/2019	Effective 1/1/2020
THCSD	$19.00	$21.00	$22.00	$23.00	$24.00
Jamestown SD	$4.20	$4.40	$4.60	$4.80	$5.00

APPENDIX D – PROPOSED SEWER SERVICE CHARGES AND RATES

SEWER SERVICE CHARGES AND OTHER RATE SCHEDULES

Charges for Sewer Service

The following rates and changes shall be effective as indicated below:

Monthly Fixed Charges

Monthly Sewer Charge Based on 1 Single Family Residence				
7/1/2023	7/1/2024	7/1/2025	7/1/2026	7/1/2027
$60.10	$68.53	$68.99	$69.76	$70.77

~~A Monthly Fixed Charge will be collected on each Single Family Residence, regardless of size or Equivalent Single Family Residence (ESFR) classification under "Exhibit A" of this Wastewater Ordinance. For purposes of assigning Sewer Service Charges each Single Family Residence shall be classified as one (1) Monthly Fixed Charge. For all Non-Single Family Residences, the ESFR allocation in "Exhibit A" shall be used as the basis of assigning Monthly Fixed Charges for sewer services.~~

Subscribers Monthly User Charges

The Monthly User Charges below are per Equivalent Single Family Residence (ESFR).

District	Effective 1/1/2016	Effective 1/1/2017	Effective 1/1/2018	Effective 1/1/2019	Effective 1/1/2020
THCSD	$28.27	$32.23	$32.46	$32.82	$33.31
Jamestown SD	$5.89	$6.71	$6.76	$6.83	$6.93