



TAHOE-TRUCKEE SANITATION AGENCY

REGULAR BOARD MEETING

FEBRUARY 15, 2023



TAHOE-TRUCKEE SANITATION AGENCY

A Public Agency
13720 Butterfield Drive
TRUCKEE, CALIFORNIA 96161
(530) 587-2525 • FAX (530) 587-5840

Directors

Dan Wilkins: President
Blake Tresan: Vice President
Dale Cox
David Smelser
Scott Wilson
General Manager
Richard Pallante

BOARD OF DIRECTORS REGULAR MEETING NOTICE AND AGENDA

Date: February 15, 2023

Time: 9:00 AM

Place: Board Room, Tahoe-Truckee Sanitation Agency, 13720 Butterfield Drive, Truckee, California

All or portions of this meeting will be conducted by teleconferencing in accordance with Government Code section 54953(b). The following are the teleconferencing location(s): (1) 647 Broadway, Dunedin, FL. 34698 The locations are accessible to the public, and members of the public may listen to the meeting and address the Board of Directors from the teleconference location.

Members of the public will have the opportunity to directly address the Agency Board of Directors concerning any item listed on the Agenda below before or during consideration of that item. To better accommodate members of the public and staff, some Agenda items may be considered in an order different than listed below.

I. Call to Order, Roll Call, and Pledge of Allegiance

II. Public Comment Discussion items only, no action to be taken. Any person may address the Board at this time upon any subject that is within the jurisdiction of Tahoe-Truckee Sanitation Agency and that does not appear on the agenda. Any matter that requires action may be referred to staff for a report and action at a subsequent Board meeting. Please note there is a five (5) minute limit per person. In addition to or in lieu of public comment, any person may submit a written statement concerning Agency business to be included in the record of proceedings and filed with the meeting minutes. Any such statement must be provided to the recording secretary at the meeting.

III. Consent Agenda Consent Agenda items are routine items that may be approved without discussion. If an item requires discussion, it may be removed from the Consent Agenda prior to action.

1. Ratify payment of general fund warrants.

IV. Regular Agenda

1. Report from January 18, 2023 closed session meeting.
2. Approval of the minutes of the regular Board meeting on January 18, 2023.
3. Discussion and approval of the updated Maintenance Manager job description.

4. Discussion and approval of the Vehicle Usage Policy.
5. Ratify approval of financial statements.
6. Presentation and discussion of the Sewer Rate Study by HDR Engineering.
7. Discussion of Proposition 218 draft notice to property owners.
8. Review and discussion of Agency owned property for current and future use.

V. Management Team Report

1. Department Reports.
2. General Manager Report.

VI. Board of Director Comment Opportunity for directors to ask questions for clarification, make brief announcements and reports, provide information to staff, request staff to report back on a matter, or direct staff to place a matter on a subsequent agenda.

VII. Closed Session

1. Closed session for public employee performance evaluation of the General Manager. (Government Code, §54957.)

VIII. Adjournment

Posted and Mailed, 02/09/2023



Roshelle Chavez
Executive Assistant/Board Clerk

In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, then please contact Roshelle Chavez at 530-587-2525, 530-587-5840 (fax), or email rchavez@ttsa.ca.gov. Requests must be made as early as possible, and at least one-full business day before the start of the meeting.

Documents and material relating to an open session agenda item that are provided to the T-TSA Board of Directors less than 72 hours prior to a regular meeting will be available for public inspection and copying at the Agency's office located at 13720 Butterfield Drive, Truckee, CA.



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Richard Pallante, General Manager
Item: I
Subject: Call to Order, Roll Call, and Pledge of Allegiance.

Background

Call to Order, Roll Call, and Pledge of Allegiance.



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Richard Pallante, General Manager
Item: II
Subject: Public Comment.

Background

Discussion items only, no action to be taken. Any person may address the Board at this time upon any subject that is within the jurisdiction of Tahoe Truckee Sanitation Agency and that does not appear on the agenda. Any matter that requires action may be referred to staff for a report and action at a subsequent Board meeting. There is a five (5) minute limit per person.



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Crystal Sublet, Finance and Administrative Manager
Item: III
Subject: Ratify payment of General Fund Warrants.

Background

The Agency implemented the Caselle software program, and the report of general fund warrants is attached as prepared by Agency accounting software. It should be noted, payroll summaries are excluded from the general fund warrants and are incorporated into the financial statements.

The Finance Committee reviewed and approved payment of the general fund warrants at its recent meeting.

Fiscal Impact

Decrease in Agency funds per the warrant amounts.

Attachments

Report of general fund warrants.

Recommendation

Management and staff recommend the Board Directors ratify payment of the general fund warrants.

Review Tracking

Submitted By: *Crystal A Sublet*
Crystal Sublet
Finance and Administrative Manager

Approved By: *Richard Pallante*
Richard Pallante
General Manager

Payee	Check Number	Check Issue Date	Description	Amount
1000 BULBS				
	89397	01/19/2023	LIGHT FIXTURE FOR PUM RM 53	506.42
	89397	01/19/2023	LIGHT FIXTURES	123.35
Total 1000 BULBS:				629.77
AARON CARLSSON				
	89316	01/04/2023	REIMB PURCHASE OF FDA BRAID HP FLEXIBLE TUBING	4,301.28 M
	89316	01/04/2023	REIMB PURCHASE OF FDA BRAID HP FLEXIBLE TUBING	4,301.28- V
	89317	01/04/2023	REIMB PURCHASE OF FDA BRAID HP FLEXIBLE TUBING	4,301.28 M
Total AARON CARLSSON:				4,301.28
ADLER TANK RENTALS				
	89318	01/05/2023	Nov 2022 Dewatering Tank Rental	4,746.56
	89398	01/19/2023	DEC 2022 DEWATERING TANK RENTAL	3,480.80
Total ADLER TANK RENTALS:				8,227.36
AIRGAS USA LLC				
	89399	01/19/2023	DEC 2022 CYLINDER RENTALS	96.28
	89399	01/19/2023	DEC 2022 CYLINDER RENTALS	36.76
	89399	01/19/2023	DEC 2022 CYLINDER RENTALS	66.52
	89399	01/19/2023	CHEMICAL PROTECTIVE COVERALLS FOR CLEANING DIGESTER	49.58
Total AIRGAS USA LLC:				249.14
ALESHIRE & WYNDER LLP				
	89367	01/12/2023	DECEMBER 2022 FEES	3,759.00
Total ALESHIRE & WYNDER LLP:				3,759.00
Allied Electronics				
	89424	01/26/2023	2-Port Modbus Gateway For AWT Panel Improvements	508.66
	89424	01/26/2023	Rail Mounting Kit For AWT Panel Improvements	11.15
	89424	01/26/2023	Ethernet Switch For AWT Panel Improvements	147.06
Total Allied Electronics:				666.87
ALPHA ANALYTICAL INC				
	89368	01/12/2023	2022 DEWATERED CLASS B SLUDGE 2	450.00
	89368	01/12/2023	DIRECT ANALYSIS ICPMS METALS	280.00
	89368	01/12/2023	RIVERS & WELLS 3Q 2022	60.00
	89368	01/12/2023	2022 ANNUAL CHEM SLUDGE	450.00
	89368	01/12/2023	2022 ANNUAL VACTOR WASTE	450.00
Total ALPHA ANALYTICAL INC:				1,690.00
ANNIE'S CLEANING SERVICE				
	89319	01/05/2023	DEC 2022 JANITORIAL SVC	3,813.33
Total ANNIE'S CLEANING SERVICE:				3,813.33
ARAMARK WORK APPAREL				
	89320	01/05/2023	MATS	209.99
	89320	01/05/2023	TOWELS	13.13
	89320	01/05/2023	SVC CHARGE	21.00

Payee	Check Number	Check Issue Date	Description	Amount
	89400	01/19/2023	MATS	290.90
	89400	01/19/2023	TOWELS	14.15
	89400	01/19/2023	SVC CHARGE	14.00
Total ARAMARK WORK APPAREL:				563.17
ASBURY ENVIRONMENTAL SERVICES				
	89425	01/26/2023	Waste Oil Disposal	95.00
Total ASBURY ENVIRONMENTAL SERVICES:				95.00
AT&T 530 582-0827 966 5				
	89321	01/05/2023	TELEPHONE BILL 10%	231.33
	89321	01/05/2023	TELEPHONE BILL 90%	2,081.98
Total AT&T 530 582-0827 966 5:				2,313.31
AT&T 831-000-9983 804				
	89322	01/05/2023	TELEPHONE BILL 10%	154.97
	89322	01/05/2023	TELEPHONE BILL 90%	1,394.80
Total AT&T 831-000-9983 804:				1,549.77
AUTOSCRIBE INFOMATICS				
	89426	01/26/2023	LIMS FEES FOR TEMPLATES & INFERTACES	4,030.00
Total AUTOSCRIBE INFOMATICS:				4,030.00
BARTKIEWICZ, KRONICK & SHANAHAN				
	89369	01/12/2023	DECEMBER 2022 FEES	250.21
Total BARTKIEWICZ, KRONICK & SHANAHAN:				250.21
BLUE WHITE				
	89323	01/05/2023	CHEMICAL METERING PUMPS FOR SODIUM HYPOCHLORITE PROJECT	17,362.23
Total BLUE WHITE:				17,362.23
BOOT BARN INC				
	89401	01/19/2023	EMPLOYEE SUMMER BOOTS	224.10
Total BOOT BARN INC:				224.10
CALCHAMBER; MEMBERSHIP				
	89324	01/05/2023	MEMBERSHIP RENEWAL	899.00
Total CALCHAMBER; MEMBERSHIP:				899.00
CALIFORNIA STATE BOARD OF EQUALIZAT				
	1262303	01/26/2023	USE TAX ON AP LASER CHECKS	35.00
	1262303	01/26/2023	USE TAX ON TRI VENT REPLACEMENT FILTER	61.00
	1262303	01/26/2023	USE TAX ON STATORS, GASKET FOR TWAS PUMP	644.00
	1262303	01/26/2023	USE TAX ON GEAR JOINT, STATORS FOR CHEM SLUDGE PUMP	412.00
	1262303	01/26/2023	USE TAX ON PVC, UNOINS FOR VARIOUS APPLICATIONS	12.00
	1262303	01/26/2023	USE TAX ON PVC FLANGE, CAPS FOR VARIOUS APPLICATIONS	42.00
	1262303	01/26/2023	USE TAX ON COUPLINGS FOR PIPE APPLICATIONS	7.00
	1262303	01/26/2023	USE TAX ON STOCK SOLENOID KIT FOR LIME SYSTEM	9.00

Payee	Check Number	Check Issue Date	Description	Amount
	1262303	01/26/2023	USE TAX ON LOCKING SWIVEL CASTER FOR WORK TABLES	39.00
	1262303	01/26/2023	USE TAX ON FULL BODY HARNESS FOR RESCUE EQUIP	496.00
Total CALIFORNIA STATE BOARD OF EQUALIZAT:				1,757.00
CAROLLO				
	89325	01/05/2023	ADDITIONAL BOILER HEATING SVC	90,502.50
Total CAROLLO:				90,502.50
CASELLE				
	89402	01/19/2023	FEB 2023 MONTHLY SUPPORT & MAINT	3,631.00
Total CASELLE:				3,631.00
CASHMAN EQUIPMENT CO.				
	89370	01/12/2023	GASKETS, FILTERS FOR LOADER & SKID STEER	469.52
	89370	01/12/2023	BELT, KNOB KIT FOR LOADER & SKID STEER	384.20
	89370	01/12/2023	COUPLINGS, HOSE FOR LOADER & SKID STEER	113.66
	89370	01/12/2023	COUPLINGS FOR LOADER & SKID STEER	53.73
	89370	01/12/2023	HOSES & COUPLINGS FOR LOADER & SKID STEER	55.98
	89370	01/12/2023	NUTS, WASHERS FOR LOADER & SKID STEER	1,017.78
	89370	01/12/2023	SEAL O RINGS, NUTS FOR LOADER & SKID STEER	380.11
Total CASHMAN EQUIPMENT CO.:				2,474.98
CDFA				
	89427	01/26/2023	CDFA-FFLDRS Permit Fee	100.00
Total CDFA:				100.00
CDW-G				
	89326	01/05/2023	OtterBox Defender Series Pro for 10th gen iPad	135.01
	89326	01/05/2023	Belkin 15ft High Speed HDMI	73.61
	89403	01/19/2023	Techsmith Maintenance Agreement Program for Snag-It Renewal	111.75
Total CDW-G:				320.37
CENTIMARK CORPORATION				
	89404	01/19/2023	RETENTION #1 EPDM ROOF REPLACEMENT	16,883.82
	89404	01/19/2023	RETENTION #2 EPDM ROOF REPLACEMENT	4,302.03
Total CENTIMARK CORPORATION:				21,185.85
CENTRAL SQUARE TECHNOLOGIES				
	89371	01/12/2023	Asset Management Annual Subscription 2/26/2023-2/25/2024	10,506.25
	89428	01/26/2023	ENGAGE EVENT FOR ONE ATTENDEE	749.00
Total CENTRAL SQUARE TECHNOLOGIES:				11,255.25
CHARD SNYDER & ASSOCIATES				
	1262301	01/26/2023	HRA	37.18
	1262301	01/26/2023	HRA	35.00
	1262301	01/26/2023	HRA	56.25
	1262301	01/26/2023	HRA REFUND	35.00-
	1262301	01/26/2023	HRA	102.97
	1262301	01/26/2023	HRA REFUND	35.00-

Payee	Check Number	Check Issue Date	Description	Amount
	1262301	01/26/2023	HRA	65.09
	1262301	01/26/2023	HRA	25.00
	1262301	01/26/2023	HRA	35.00
	1262301	01/26/2023	HRA	100.00
	1262301	01/26/2023	HRA	196.76
	1262301	01/26/2023	HRA	2,128.74
	1262301	01/26/2023	HRA	112.80
	1262301	01/26/2023	HRA	1,049.85
	1262301	01/26/2023	HRA	75.00
	1262301	01/26/2023	HRA	6.59
	1262301	01/26/2023	HRA	5.00
	1262301	01/26/2023	HRA	66.53
	1262301	01/26/2023	HRA	13.99
	1262301	01/26/2023	HRA	333.03
	1262301	01/26/2023	FSA REFUND	450.00-
	1262301	01/26/2023	HRA	38.01
	1262301	01/26/2023	HRA REFUND	4,605.71-
	1262301	01/26/2023	HRA	67.32
	1262301	01/26/2023	HRA	10.00
	1262301	01/26/2023	HRA	15.00
	1262301	01/26/2023	HRA	4.30
	1262301	01/26/2023	HRA	3.04
	1262301	01/26/2023	HRA	10.00
	1262301	01/26/2023	HRA	6.71
	1262301	01/26/2023	HRA	3.20
	1262301	01/26/2023	HRA	47.00
	1262301	01/26/2023	HRA	75.00
	1262301	01/26/2023	HRA	193.87
	1262301	01/26/2023	HRA	5.00
	1262301	01/26/2023	HRA	1,097.68
	1262301	01/26/2023	HRA	80.00
	1262301	01/26/2023	HRA	260.20
	1262301	01/26/2023	HRA	181.33
	1262301	01/26/2023	HRA	5.00
	1262301	01/26/2023	HRA	35.00
	1262301	01/26/2023	HRA	720.50
	1262301	01/26/2023	HRA	25.00
	1262301	01/26/2023	HRA	5.00
	1262301	01/26/2023	HRA	104.83
	1262301	01/26/2023	HRA	237.48
	1262301	01/26/2023	HRA	150.00
	1262301	01/26/2023	HRA	51.88
	1262301	01/26/2023	HRA	792.23
	1262301	01/26/2023	DCA	1,179.88
	1262301	01/26/2023	HRA	39.99
	1262301	01/26/2023	HRA	280.76
	1262301	01/26/2023	HRA	67.32
	1262301	01/26/2023	HRA	487.00
	1262301	01/26/2023	HRA	99.00
	1262301	01/26/2023	HRA	431.69
	1262301	01/26/2023	HRA	60.16
	1262301	01/26/2023	HRA	116.90
	1262301	01/26/2023	HRA	568.54
	1262301	01/26/2023	HRA	610.41
	1262301	01/26/2023	HRA	222.00
	1262301	01/26/2023	HRA	322.83
	1262301	01/26/2023	HRA	281.47

Payee	Check Number	Check Issue Date	Description	Amount
	1262301	01/26/2023	HRA	91.00
	1262301	01/26/2023	HRA	51.90
	1262301	01/26/2023	HRA	46.49
	1262301	01/26/2023	HRA	192.50
	1262301	01/26/2023	HRA	20.00
	1262301	01/26/2023	HRA	733.55
	1262301	01/26/2023	HRA	32.97
	1262301	01/26/2023	HRA	35.00
	1262301	01/26/2023	HRA	4,674.00
	1262301	01/26/2023	HRA	5.00
	1262301	01/26/2023	FSA	317.00
	1262301	01/26/2023	HRA	4.57
	1262301	01/26/2023	DCA	2,512.05
	1262301	01/26/2023	FSA	35.00
	1262301	01/26/2023	HRA	293.40
	1262301	01/26/2023	HRA	696.40
	1262301	01/26/2023	HRA	91.00
Total CHARD SNYDER & ASSOCIATES:				18,143.43
CLARK PEST CONTROL				
	89405	01/19/2023	PEST AWAY 1/11/23 SVC	296.00
Total CLARK PEST CONTROL:				296.00
CNW CONSTRUCTION INC.				
	89102	01/04/2023	PPE#1 CONTROL ROOM UPGRADES 02 & 13	41,412.90- V
	89102	01/04/2023	RETENTION#1 CONTROL ROOM UPGRADES 02 & 13	2,070.65 V
	89327	01/05/2023	PPE #1 CONTROL ROOM UPGRADES	41,412.90
	89327	01/05/2023	RETENTION#1 CONTROL ROOM UPGRADES	2,070.65-
	89327	01/05/2023	PPE#3 CONTROL ROOM UPGRADES	7,130.85
	89327	01/05/2023	RETENTION#3 CONTROL ROOM UPGRADES	356.54-
Total CNW CONSTRUCTION INC.:				6,774.31
CONTRACT FLOORING & INTERIOR SERV INC				
	89396	01/17/2023	5MM VINYL TILE FOR MAINTENANCE OFFICE	7,420.00 M
	89396	01/17/2023	2.5MM VINYL TILE FOR E&I & IT OFFICE	3,705.00 M
Total CONTRACT FLOORING & INTERIOR SERV INC:				11,125.00
CORELOGIC INFORMATION SOLUTIONS, IN				
	89372	01/12/2023	DEC 2022 INVOICE	506.48
Total CORELOGIC INFORMATION SOLUTIONS, IN:				506.48
CORWIN FORD				
	89373	01/12/2023	477 WEATHER FOR VHCL #13	194.05
	89373	01/12/2023	S/O LINK & INSULATION FOR VHCL #21	302.60
	89373	01/12/2023	S/O TUBE & HOSE FOR VHCL #08	111.71
	89373	01/12/2023	HEADLIGHTS FOR VHCL #26	558.98
	89373	01/12/2023	BATTERY FOR VHCL #20	173.17
	89373	01/12/2023	280 VALVE FOR VHCL #26	600.38
Total CORWIN FORD:				1,940.89

Payee	Check Number	Check Issue Date	Description	Amount
CSRMA % ALLIANT INSURANCE SERVICES				
	89328	01/05/2023	2023 Pooled Liability Program Renewal	52,422.00
Total CSRMA % ALLIANT INSURANCE SERVICES:				52,422.00
CWEA				
	89329	01/05/2023	CERTIFICATION RENEWAL	95.00
	89329	01/05/2023	MEMBERSHIP RENEWAL	202.00
	89329	01/05/2023	MEMBERSHIP RENEWAL	202.00
	89429	01/26/2023	CERTIFICATION RENEWAL	95.00
Total CWEA:				594.00
DATCO SERVICES CORP.				
	89430	01/26/2023	QUARTERLY FEES	292.50
Total DATCO SERVICES CORP.:				292.50
FASTENAL				
	89330	01/05/2023	STOCK O RINGS	9.98
	89330	01/05/2023	STOCK O RINGS	9.77
	89406	01/19/2023	STOCK 8 AWG 6" BLUE NASW	3.84
	89406	01/19/2023	STOCK NUT & BOLTS	145.89
	89406	01/19/2023	STOCK SAW BLADES	252.79
	89406	01/19/2023	STOCK MISC NUTS & BOLTS	2,857.68
	89406	01/19/2023	DRILL/ IMPACT KIT FOR MECHANICS	3,213.34
	89406	01/19/2023	TOOL BELTS FOR MECHANICS	1,187.73
Total FASTENAL:				7,681.02
FD THOMAS				
	89374	01/12/2023	RETENTION#1 PLANT COATING IMPROVEMENTS	6,443.05
	89374	01/12/2023	RETENTION#2 PLANT COATING IMPROVEMENTS	11,105.10
	89374	01/12/2023	RETENTION#3 PLANT COATING IMPROVEMENTS	596.51
	89374	01/12/2023	RETENTION#4 PLANT COATING IMPROVEMENTS	1,895.08
Total FD THOMAS:				20,039.74
FEDERAL EXPRESS CORP.				
	89331	01/05/2023	DEC 2022 SHIPPING CHARGES	22.29
	89407	01/19/2023	JAN 2023 SHIPPING THERMO PLASTIC	164.25
	89431	01/26/2023	JAN 2023 SHIPPING CHARGES	59.03
Total FEDERAL EXPRESS CORP.:				245.57
FERGUSON ENTERPRISES,INC. #1423				
	89408	01/19/2023	STOCK PVC PIPES FOR VARIOUS PLANT USE	992.06
	89408	01/19/2023	STOCK 1/2 X 20 FT PVC S80 PE PIPE FOR VARIOUS PLANT USE	74.04
Total FERGUSON ENTERPRISES,INC. #1423:				1,066.10
FISHER SCIENTIFIC COMPANY				
	89332	01/05/2023	Reusable Glass Narrow-Mouth Flasks For Lab	816.23
	89375	01/12/2023	Drierit Indicating Absorbents For Lab	828.65
	89375	01/12/2023	Klebsiella pneumoniae subsp for lab	180.78
	89375	01/12/2023	Culti-Loops Escherichia coli for lab	165.62
	89375	01/12/2023	Culti-Loops Enterobacter aerogenes for lab	227.33

Payee	Check Number	Check Issue Date	Description	Amount
	89375	01/12/2023	Culti-Loops Pseudomonas aeruginosa for lab	200.26
	89375	01/12/2023	Shipping	111.58
	89375	01/12/2023	DILUTION WATER FOR LAB	119.82
	89375	01/12/2023	NUTIRENT AGAR FOR LAB	268.59
	89375	01/12/2023	TRYPTIC SOY BROTH FOR LAB	238.10
	89375	01/12/2023	VOLUETTE AMPULES FOR LAB	209.54
	89375	01/12/2023	PHOSPHATE REAGENT POWDER PILLOWS FOR LAB	768.91
Total FISHER SCIENTIFIC COMPANY:				4,135.41
GFS CHEMICALS INC				
	89409	01/19/2023	NITRATE FOR LAB	247.94
	89409	01/19/2023	SULFATE FOR LAB	247.94
	89409	01/19/2023	POTASSIUM CHLORIDE FOR LAB	154.19
	89409	01/19/2023	AMMONIUM PERSULFATE FOR LAB	132.67
	89409	01/19/2023	Shipping	37.89
Total GFS CHEMICALS INC:				820.63
GOBLE SAMPSON ASSOCIATES				
	89333	01/05/2023	ENDLESS SCREENING BAG FOR HUBER PRESS	400.00
Total GOBLE SAMPSON ASSOCIATES:				400.00
GRAINGER INC., W.W.				
	89334	01/05/2023	Ball Valve: 1 inch, Socket For Sodium Hypochlorite Project	522.24
	89334	01/05/2023	Male Adapter: 1/2 in by 1/2 in For Sodium Hypochlorite Project	17.32
	89334	01/05/2023	Adjustable Antisiphon Relief Valve For Sodium Hypochlorite Project	792.89
	89334	01/05/2023	Polyethylene For Sodium Hypochlorite Project	3,140.17
	89334	01/05/2023	Pipe: PVC ChlorFIT 2 in For Sodium Hypochlorite Project	1,723.90
	89334	01/05/2023	Pipe: ChlorFIT, CPVC For Sodium Hypochlorite Project	517.91
	89334	01/05/2023	90 degree elbow 2 x 2 in For Sodium Hypochlorite Project	97.52
	89334	01/05/2023	Reducing Tee 2 in x 2 in x 2 in For Sodium Hypochlorite Project	47.09
	89334	01/05/2023	Union: 2 in x 2 in fitting For Sodium Hypochlorite Project	85.28
	89334	01/05/2023	Pipe Cement 32 oz For Sodium Hypochlorite Project	42.54
	89334	01/05/2023	Pipe Cement: Regular 32 fl oz For Sodium Hypochlorite Project	165.23
	89334	01/05/2023	Pipe Cement 32 fl oz For Sodium Hypochlorite Project	104.92
	89334	01/05/2023	Solenoid Valve Rebuild Kit	1,532.78
	89334	01/05/2023	STOCK CABLE TIES	210.20
	89334	01/05/2023	STOCK FOLDING UTILITY KNIFES	63.49
	89334	01/05/2023	HYDRAULIC FLUID FOR SNOW PLOWS	187.22
	89334	01/05/2023	HEAVY DUTY ANTI SEIZE AEROSOL	179.92
	89334	01/05/2023	STOCK TRASH BAGS, PAPER TOWELS, DISINFECTING WIPES	1,100.21
	89334	01/05/2023	DOT Container Placard For Sodium Hypochlorite Project	7.71
	89334	01/05/2023	NFPA Sign Kit For Sodium Hypochlorite Project	115.89
	89334	01/05/2023	Couplings For Sodium Hypochlorite Project	102.19
	89334	01/05/2023	Straight Coupler For Hypochlorite Project	31.31
	89334	01/05/2023	Cable Protector For Sodium Hypochlorite Project	1,345.70
	89334	01/05/2023	Male Adapter Tee for Sodium Hypochlorite Project	8.10
	89334	01/05/2023	Hose Clamps For Sodium Hypochlorite Project	32.54
	89334	01/05/2023	Adapter Insert For Sodium Hypochlorite	11.43
	89334	01/05/2023	Y Strainer, PVC 1/2 in For Sodium Hypochlorite Project	362.25
	89334	01/05/2023	Y strainer For Sodium Hypochlorite Project	1,409.48
	89334	01/05/2023	Pipe 10 foot length for Sodium Hypochlorite Project	264.35
	89334	01/05/2023	Reducing Bushing for Sodium Hypochlorite Project	205.18
	89334	01/05/2023	4" CPVC Ball Valve For Sodium Hypochlorite Project	1,062.11
	89334	01/05/2023	4" CPVC Ball Valve For Sodium Hypochlorite Project	1,062.10

Payee	Check Number	Check Issue Date	Description	Amount
	89334	01/05/2023	Female Adapters For Sodium Hypochlorite	56.08
	89334	01/05/2023	Pipe CVPC 2 Inch Nominal, 10 ft Length Schedule 80 For Sodium Hypochlorite Pr	1,553.73
	89334	01/05/2023	90 degree elbow 2" x 2" For Sodium Hypochlorite Project	399.14
	89334	01/05/2023	45 Degree elbow 2 inch For Sodium Hypochlorite Project	179.07
	89334	01/05/2023	Tee: 2 inch Schedule 80 For Sodium Hypochlorite Project	72.19
	89334	01/05/2023	Pipe: ChlorFIT CPVC, 3 inch for Sodium Hypochlorite Project	1,562.61
	89334	01/05/2023	Tee: 3 inch Schedule 80 for Sodium Hypochlorite Project	239.45
	89334	01/05/2023	Male Adapter: 3" x 3" Pipe Size For Sodium Hypochlorite Project	83.93
	89334	01/05/2023	Reducing Bushing: 3" x 2" For Sodium Hypochlorite Project	115.16
	89334	01/05/2023	Male Adapter: 2" x 2" For Sodium Hypochlorite Project	50.73
	89334	01/05/2023	Reducing Tee: 2 inch x 1 inch x 2 inch Fitting For Sodium Hypochlorite Project	50.08
	89334	01/05/2023	Pipe: ChlorFIT, CPVC, 1 Inch For Sodium Hypochlorite Project	178.03
	89334	01/05/2023	1/2" Ball Check Valves for Sodium Hypochlorite Project	124.93
	89334	01/05/2023	Ball Valve: 2 Inch, Socket For Sodium Hypochlorite Project	1,893.24
	89334	01/05/2023	Pressure Regulator For Sodium Hypochlorite Project	989.97
	89334	01/05/2023	STOCK SOAP DISPENSER	469.89
	89334	01/05/2023	STOCK PAPER TOWEL DISPENSER	177.77
	89334	01/05/2023	STOCK FACIAL TISSUE	90.22
	89376	01/12/2023	STOCK BODY WASH, LOTIONS	52.07
	89376	01/12/2023	GF Piping Systems Pipe PVC For Sodium Hypochlorite Project	29.01
	89376	01/12/2023	90 degree elbow female by female socket for sodium hypochlorite project	9.10
	89376	01/12/2023	Tee: 1/2 inch all sides for sodium hypochlorite project	9.09
	89376	01/12/2023	Nested Coupling 1/2 by 1/2 inch for sodium hypochlorite project	4.33
	89376	01/12/2023	Male Adapter 1/2 x 1/2 in fitting pipe size for sodium hypochlorite project	6.93
	89376	01/12/2023	SPEARS ball valve 1/2 inch for sodium hypochlorite project	993.20
	89376	01/12/2023	CREDIT FOR DAMAGED WIPES ON INV 9549915925	152.44-
	89410	01/19/2023	EPDM ROLL 30FT FOR SODIUM HYPOCHLORITE PROJECT	3,966.46
	89432	01/26/2023	Stock Electric Heating Cable	1,651.00
	89432	01/26/2023	Stock Gel Filled End Seal Kit	63.26
	89432	01/26/2023	STOCK NITRILE GLOVES	47.95
	89432	01/26/2023	STOCK WADERS FOR PPE	98.04
	89432	01/26/2023	STOCK HOODED COVERALLS FOR PPE	600.69
	89432	01/26/2023	STOCK HOODED CHEMICAL RESISTANT COVERALLS	717.02
	89432	01/26/2023	STOCK SNOW SHOVELS	197.90
	89432	01/26/2023	STOCK UTILITY BRUSHES	20.95
Total GRAINGER INC., W.W.:				33,151.95
HACH CHEMICAL COMPANY				
	89335	01/05/2023	STOCK SENSORS FOR PH READINGS	3,396.90
	89335	01/05/2023	DIGITAL SENSOR FOR DISSOLVED OXYGEN ANALYZER	476.25
	89335	01/05/2023	STOCK UNIVERSAL CONTROLLERS FOR HACH INSTRUMENTATION	6,923.67
	89377	01/12/2023	AMTAX MEMBRANE FOR AMMONIA ANALYZER	408.35
Total HACH CHEMICAL COMPANY:				11,205.17
HOME DEPOT CREDIT SERVICES				
	89336	01/05/2023	CEILING TILES FOR FACILITY	1,649.62
	89336	01/05/2023	2 inch 90 degree Schedule 80 PVC For Sodium Hypochlorite Project	212.28
Total HOME DEPOT CREDIT SERVICES:				1,861.90
HUNT & SONS INC.				
	89337	01/05/2023	450 GAL UNLEADED GAS	1,625.41
	89337	01/05/2023	417 GAL DIESEL FUEL	2,196.21
	89337	01/05/2023	5 GAL HYDRAULIC FLUID FOR FILTER PRESS	151.50
	89433	01/26/2023	4,061 GAL HEATING FUEL 10%	1,905.06

Payee	Check Number	Check Issue Date	Description	Amount
	89433	01/26/2023	4,061 GAL HEATING FUEL 90%	17,145.60
	89433	01/26/2023	400 GAL DIESEL FUEL	2,492.08
Total HUNT & SONS INC.:				25,515.86
INFOSEND				
	89434	01/26/2023	JAN 2023 STATEMENT PROCESSING	349.22
Total INFOSEND:				349.22
J.W. WELDING SUPPLY				
	89338	01/05/2023	COVER FOR WELDER/GENERATOR	370.22
	89338	01/05/2023	CYLINDER RENTALS	15.90
	89338	01/05/2023	CYLINDER RENTALS	57.75
	89338	01/05/2023	CYLINDER RENTALS	81.95
Total J.W. WELDING SUPPLY:				525.82
JAIME GARCIA				
	89435	01/26/2023	EMPLOYEE SUMMER BOOTS	238.17
Total JAIME GARCIA:				238.17
JOEL OBERLY				
	89411	01/19/2023	REIMBURSEMENT CERTIFICATION	155.00
Total JOEL OBERLY:				155.00
LHOIST NORTH AMERICA				
	89378	01/12/2023	24.40 TON HYDRATED LIME DLVD 12/29	9,534.79
	89378	01/12/2023	25.01 TON HYDRATED LIME DLVD 12/15/22	9,773.16
Total LHOIST NORTH AMERICA:				19,307.95
LIBERTY UTILITIES				
	89379	01/12/2023	ELECTRIC BILL	26.51
	89379	01/12/2023	ELECTRIC BILL	24.83
	89412	01/19/2023	ELECTRIC BILL	25.04
	89412	01/19/2023	ELECTRIC BILL	35.04
	89412	01/19/2023	ELECTRIC BILL	25.67
Total LIBERTY UTILITIES:				137.09
LINDE GAS AND EQUIP INC				
	89380	01/12/2023	CYLINDER RENTALS	103.21
Total LINDE GAS AND EQUIP INC:				103.21
LOGICALLY				
	89339	01/05/2023	MONHTLY BILLINFOR DECEMBER	4,733.04
	89436	01/26/2023	JAN 2023 MONTHLY BILL	4,831.88
Total LOGICALLY:				9,564.92
MCMASTER-CARR				
	89340	01/05/2023	CPVC Pipe Fitting For Sodium Hypochlorite Project	332.09
	89340	01/05/2023	Chemical Resistant Viton Gasket For Sodium Hypochlorite Project	138.82

Payee	Check Number	Check Issue Date	Description	Amount
	89340	01/05/2023	4 inch Chemical Resistant Viton Gasket For Sodium Hypochlorite Project	149.26
	89340	01/05/2023	Plastic Garden Hose Fitting For Sodium Hypochlorite Project	20.63
	89340	01/05/2023	Calibration Column For Flow Measuring Sodium Hypochlorite Project	502.50
	89340	01/05/2023	STOCK GASKETS FOR VARIOUS PLANT USE	189.16
	89340	01/05/2023	Stainless Steel Filter Bag For Headworks Spray Header	2,223.44
	89340	01/05/2023	Felt Filter Bag for Headworks Spray Header	164.54
Total MCMASTER-CARR:				3,720.44
MICHAEL J SMITH				
	89381	01/12/2023	REIMB SAFETY STAFF CERTIFICATIONS	510.00
Total MICHAEL J SMITH:				510.00
MOTION INDUSTRIES				
	89341	01/05/2023	STOCK BEARINGS FOR CO2 COMPRESSER	927.38
	89382	01/12/2023	STOCK BEARING, BALL 62102RSC3 FOR CENTRATE TRANSFER PUMP	152.65
	89382	01/12/2023	STOCK BEARING, BALL 3210 A/C3 FOR CENTRATE TRANSFER PUMP	309.09
Total MOTION INDUSTRIES:				1,389.12
MOUNTAIN HARDWARE				
	89342	01/05/2023	REPLACEMENT KNOBS FOR ADMIN BLDG	43.27
	89342	01/05/2023	BULK NUTS, BOLTS, SCREWS, WASHERS	1.90
	89342	01/05/2023	BULK NUTS, BOTLS, SCREWS, WASHERS	1.83
	89383	01/12/2023	GLUE FOR PUMPS FOR SODIUM HYPOCHLORITE PROJECT	18.38
Total MOUNTAIN HARDWARE:				65.38
MSC INDUSTRIAL SUPPLY				
	89437	01/26/2023	STOCK GATE VALVES FOR 2 WATER HEADERS	390.96
Total MSC INDUSTRIAL SUPPLY:				390.96
NAPA- SIERRA				
	89343	01/05/2023	BRAKE PARTS CLEANER	82.88
	89384	01/12/2023	STOCK WIND WASH	21.60
	89384	01/12/2023	NIGHT VISION FOR VCHL #26	49.02
	89384	01/12/2023	EXACT FIT DRIVERS FOR VCHL # 2001	51.10
	89384	01/12/2023	HYDRAULIC FLUID FOR LOADER	86.32
Total NAPA- SIERRA:				290.92
NEWEGG INC				
	89385	01/12/2023	STANDBY DRIVES FOR SCADA	79.86
	89438	01/26/2023	STYLUS PEN SET FOR IPADS	24.00
Total NEWEGG INC:				103.86
OFFICE DEPOT				
	89344	01/05/2023	STOCK THREE MONTH CALENDAR	18.18
	89344	01/05/2023	STOCK FINE POINT DRY ERASE MARKERS	8.79
	89344	01/05/2023	STOCK RED FINE POINT SHARPIES	9.90
	89344	01/05/2023	STOCK FASTENER FILE FOLDERS	111.52
	89439	01/26/2023	HMI DISPLAY FOR AWT CONTROL RM	428.66

Payee	Check Number	Check Issue Date	Description	Amount
Total OFFICE DEPOT:				577.05
PACIFIC OFFICE AUTOMATION				
	89345	01/05/2023	11/28/22-12/28/22 MONTHLY BILL	55.85
	89413	01/19/2023	11/28/22-12/28/22 OVERAGE	28.10
	89413	01/19/2023	12/28/22-1/28/23 MONTHLY BILL	55.85
	89413	01/19/2023	JAN 2023 MONTHLY BILL	164.82
Total PACIFIC OFFICE AUTOMATION:				304.62
PAYMENTUS GROUP INC				
	89440	01/26/2023	DEC 2022 TRANSACTION FEES	17.50
Total PAYMENTUS GROUP INC:				17.50
PERS-RETIREMENT				
	1052301	01/05/2023	LOUREY REPLACEMENT BENEFIT FUND	261.48
Total PERS-RETIREMENT:				261.48
PINNACLE TOWERS INC.				
	89441	01/26/2023	RADIO TOWER RENTAL PLUTO MTN	819.95
Total PINNACLE TOWERS INC.:				819.95
PLATT ELECTRIC COMPANY				
	89386	01/12/2023	STOCK EMT COMPRESSION CONNECTOR, RAIN TIGHT, STEEL	57.09
	89386	01/12/2023	STOCK HANDYBOX 1-78D 12	70.85
	89442	01/26/2023	STOCK EMT STRUT STRAPS	45.05
	89442	01/26/2023	STOCK EMT COMPRESSION CONNECTOR	44.17
	89442	01/26/2023	STOCK DUPLEX RECEPTACLE WALLPLATES	47.71
	89442	01/26/2023	STOCK RIDIG CONDUIT GALV STEEL	1,498.92
	89442	01/26/2023	3/4" PVC CONDUIT FOR PARALLEL INFLUENT	469.25
	89442	01/26/2023	PVC 90° ELBOW FOR PARALLEL INFLUENT	38.45
	89442	01/26/2023	COUPLINGS FOR PARALLEL INFLUENT	2.72
	89442	01/26/2023	3/4" PVC MALE TERMINAL ADAPTER FOR PARALLEL INFLUENT	6.51
	89442	01/26/2023	Stock 3/4" Rigid Elbow, 90°, Steel	140.90
	89442	01/26/2023	STOCK RIGID CONDUIT GALVANIZED STEEL	427.82
	89442	01/26/2023	STOCK STRAP, STRUTS	86.29
	89442	01/26/2023	STOCK EMT FOR E*1 PURPOSES	230.12
	89442	01/26/2023	STOCK RIGID SET SCREW CONNECTOR	66.80
	89442	01/26/2023	STOCK SINGLE POLE TOGGLE SWITCH FOR E&I	199.26
	89442	01/26/2023	STOCK HANDY BOX COVERS	47.76
Total PLATT ELECTRIC COMPANY:				3,479.67
QUADIENT				
	89346	01/05/2023	QUARTERLY METER RENTAL BILL	173.66
Total QUADIENT:				173.66
QUARTZY				
	89347	01/05/2023	TEST TUBE BRUSH FOR LAB	20.55
	89347	01/05/2023	NITROGEN STANDARD 1 ML FOR LAB	40.92
	89347	01/05/2023	TRYPTIC SOY AGAR FOR LAB	10.91
	89347	01/05/2023	RESIDUE WHOLE VOLUME FOR LAB	192.18

Payee	Check Number	Check Issue Date	Description	Amount
	89387	01/12/2023	BROKEN GLASS DISPOSAL CARTONS FOR LAB	69.65
	89387	01/12/2023	PLAIN DISPOSABLE GLASS TUBES FOR LAB	464.08
	89387	01/12/2023	Cod Digestion Vials For Lab	1,045.95
	89387	01/12/2023	Prospore Amoule For Lab	42.71
	89414	01/19/2023	THERMO SCIENTIFIC NALGENE FOR LAB	54.73
	89414	01/19/2023	CONDUCTIVITY STANDARD WITH CALIBRATIN FOR LAB	38.21
	89414	01/19/2023	CHLORIDE IC STANDARD FOR LAB	56.27
	89414	01/19/2023	MAGNETIC FILTER FUNNELS FOR LAB	666.87
	89414	01/19/2023	CONDUCTIVITY STANDARD WITH CALIBRATIN FOR LAB	38.21
	89414	01/19/2023	ERLENMEYER FLASKS FOR LAB	102.75
	89414	01/19/2023	INDICATOR TAPE	41.83
	89414	01/19/2023	WIDE MOUTH RECTANGULAR BOTTLES FOR LAB	215.03
	89414	01/19/2023	Diamond RealSeal Bottle For Lab	340.30
	89414	01/19/2023	Economy Certified Glass VOA Vials For Lab	219.64
	89414	01/19/2023	ez GGA - No Pipette GGA For Lab	229.50
	89414	01/19/2023	Nalgene® Economy Bottles For Lab	165.94
	89443	01/26/2023	Inorganic Carbon Standard For Lab	70.48
Total QUARTZY:				4,126.71
RED WING BUSINESS ADVANTAGE ACCOUNT				
	89415	01/19/2023	EMPLOYEE WINTER BOOTS	207.05
	89415	01/19/2023	EMPLOYEE SUMMER BOOTS	230.05
	89415	01/19/2023	EMPLOYEE WINTER BOOTS	204.61
Total RED WING BUSINESS ADVANTAGE ACCOUNT:				641.71
RENO BUSINESS INTERIORS				
	89348	01/05/2023	DESK FOR C&CT	2,359.30
	89348	01/05/2023	INSTALL FOR C&CT DESK	389.70
	89388	01/12/2023	MONITOR ARMS FOR AWT CONTROL RM	179.60
Total RENO BUSINESS INTERIORS:				2,928.60
ROY SMITH COMPANY				
	89349	01/05/2023	4,728 GAL LIQUID OXYGEN DLVD 12/29/22	6,382.23
	89349	01/05/2023	4,815 GAL LIQUID OXYGEN DLVD 12/30/22	6,499.67
	89349	01/05/2023	2,948 GAL LIQUID OXYGEN DLVD 12/14/22	3,979.44
	89416	01/19/2023	4,725 GAL LIQUID OXYGEN DLVD 1/3/23	6,378.18
Total ROY SMITH COMPANY:				23,239.52
SAFEWAY INC.				
	89350	01/05/2023	NOV 2022 BOARD MEETING SUPPLIES	141.00
	89350	01/05/2023	DEC 2022 HOLIDAY LUNCHEON EXP	370.13
Total SAFEWAY INC.:				511.13
SAF-T-FLO WATER SERVICES INC				
	89351	01/05/2023	Injection Quil for Chemical Dosing For Sodium Hypochlorite Project	1,952.37
	89351	01/05/2023	Injection Quil for Chemical Dosing For Sodium Hypochlorite Project	745.38
Total SAF-T-FLO WATER SERVICES INC:				2,697.75
SHRED-IT USA				
	89352	01/05/2023	11/30/22 & 12/14/22 SVC	160.53

Payee	Check Number	Check Issue Date	Description	Amount
Total SHRED-IT USA:				160.53
SIERRA RESCUE INTERNATIONAL				
	89444	01/26/2023	CPR First Aid AED Training 11/3/22	700.00
	89444	01/26/2023	CPR First Aid AED Training 11/29/22	770.00
Total SIERRA RESCUE INTERNATIONAL:				1,470.00
SNAP-ON INDUSTRIAL				
	89389	01/12/2023	3PC MLT/POS PRYBR SET FOR MECHANICS	530.64
	89389	01/12/2023	11PC PNCH/CHSL SET FOR MECHANICS	312.43
	89389	01/12/2023	13 PC L/SHP BHX SET FOR MECHANICS	67.92
	89389	01/12/2023	4 PC ADJ WRENCH SET FOR MECHANICS	358.59
	89417	01/19/2023	PRYBARS FOR TRI TRUCK	182.92
	89417	01/19/2023	6 PC RADIATOR HOSE PICK SET FOR MECHANICS	242.35
	89417	01/19/2023	DEAD/BLW 24OZ SFT/GR HM FOR MECHANICS	72.42
Total SNAP-ON INDUSTRIAL:				1,767.27
SOLENIS				
	89418	01/19/2023	3 totes of K290FLX polymer	16,583.98
Total SOLENIS:				16,583.98
SOUTHWEST GAS CORP.				
	89366	01/12/2023	12/2/22-1/3/23 MAIN BILL 10%	258.59 M
	89366	01/12/2023	12/2/22-1/3/23 MAIN BILL 90%	2,327.39 M
	89366	01/12/2023	12/2/22-1/3/23 PLANT BILL 10%	367.59 M
	89366	01/12/2023	12/2/22-1/3/23 PLANT BILL 90%	3,308.40 M
Total SOUTHWEST GAS CORP.:				6,261.97
ST OF CA; DEPT OF INDUSTRIAL RELATI				
	89419	01/19/2023	ELEVATOR PERMIT CONVEYANCE# 141708	225.00
Total ST OF CA; DEPT OF INDUSTRIAL RELATI:				225.00
SUMMIT FIRE & SECURITY				
	89445	01/26/2023	First Aid Kit Service	743.19
Total SUMMIT FIRE & SECURITY:				743.19
SWRCB ACCOUNTING OFFICE				
	89353	01/05/2023	WASTE DISCHARGE ANNUAL PERMIT	3,453.00
	89353	01/05/2023	WASTE DISCHARGE ANNUAL PERMIT	180,398.00
Total SWRCB ACCOUNTING OFFICE:				183,851.00
SWRCB-ELAP FEES				
	89390	01/12/2023	Annual Lab Cert Fees	4,250.00
Total SWRCB-ELAP FEES:				4,250.00
TAHOE FOREST HOSP. DIST./TAHOE WORX				
	89354	01/05/2023	EMPLOYEE SCREENING	379.50
	89354	01/05/2023	EMPLOYEE SCREENING	125.00

Payee	Check Number	Check Issue Date	Description	Amount
	89354	01/05/2023	EMPLOYEE FLU VACCINATINOS	408.00
Total TAHOE FOREST HOSP. DIST./TAHOE WORX:				912.50
TAHOE SUPPLY COMPANY LLC				
	89355	01/05/2023	2 CASES OF BLEACH FOR LAB & E&I INSTRUMENT CLEANING	62.49
Total TAHOE SUPPLY COMPANY LLC:				62.49
TAHOE TRUCKEE DISPOSAL				
	89391	01/12/2023	CHEM SLUDGE & HEADWORKS SCREENING	13,042.11
	89391	01/12/2023	BIOSOLIDS	13,671.70
Total TAHOE TRUCKEE DISPOSAL:				26,713.81
TERRYBERRY COMPANY				
	89356	01/05/2023	EMPLOYEE LONGEVITY AWARD	838.58
Total TERRYBERRY COMPANY:				838.58
THATCHER COMPANY OF CA INC				
	89392	01/12/2023	4 TON CHLORINE DLVD 12/13/22	11,360.00
	89392	01/12/2023	CHLORINE EMPTIES 12/13/22	4,000.00-
	89392	01/12/2023	4 TON CHLORINE DLVD 8/24/22	11,360.00
	89392	01/12/2023	CHLORINE EMPTIES 8/24/22	4,000.00-
	89392	01/12/2023	4 TON CHLORINE DLVD 9/13/22	11,360.00
	89392	01/12/2023	CHLORINE EMPTIES 9/13/22	4,000.00-
	89392	01/12/2023	4 TON CHLORINE DLVD 10/18/22	11,360.00
	89392	01/12/2023	CHLORINE EMPTIES 10/18/22	4,000.00-
	89392	01/12/2023	4 TON CHLORINE DLVD 8/12/22	11,360.00
	89392	01/12/2023	CHLORINE EMPTIES 8/12/22	4,000.00-
	89420	01/19/2023	4 TON CHLORINE DLVD 1/10/23	11,360.00
	89420	01/19/2023	CHLORINE EMPTIES 1/10/23	4,000.00-
Total THATCHER COMPANY OF CA INC:				44,160.00
THE GALLERY COLLECTION				
	89357	01/05/2023	2022 Agency Christmas Cards	399.71
Total THE GALLERY COLLECTION:				399.71
TRUCKEE DONNER PUD				
	89358	01/05/2023	11/16/22-12/20/22 ELECTRIC 10%	9,924.56
	89358	01/05/2023	11/16/22-12/20/22 ELECTRIC 90%	89,321.07
	89358	01/05/2023	11/16/22-12/20/22 WATER 10%	13.84
	89358	01/05/2023	11/16/22-12/20/22 WATER 90%	124.58
	89358	01/05/2023	11/16/22-12/20/22 ELECTRIC	78.26
	89358	01/05/2023	11/16/22-12/20/22 ELECTRIC	62.42
	89358	01/05/2023	11/16/22-12/20/22 ELECTRIC	30.05
Total TRUCKEE DONNER PUD:				99,554.78
TRUCKEE FAMILY EYECARE				
	89446	01/26/2023	Air Purifying Respirator Eyeglass	340.00
Total TRUCKEE FAMILY EYECARE:				340.00

Payee	Check Number	Check Issue Date	Description	Amount
TRUCKEE FIRE PROTECT DIST				
	89421	01/19/2023	FIRE SUPPRESSION & PROTECTION SVC 7/1/22-6/30/23	253.50
Total TRUCKEE FIRE PROTECT DIST:				253.50
T-TIME ENTERPRISES				
	89422	01/19/2023	NEW EMPLOYEE WINTER JACKET	128.74
Total T-TIME ENTERPRISES:				128.74
U.S. BANK CARD DIVISION				
	1262302	01/26/2023	VERIZON MONTHLY BILL	122.20
	1262302	01/26/2023	ZOOM AUDIO CONFERENCE MONTHLY CHARGE	110.00
	1262302	01/26/2023	HOLIDAY COFFEES & HOT COCOA	205.86
	1262302	01/26/2023	GFOA CERT RENEWAL	150.00
	1262302	01/26/2023	REPLACEMENT MICROWAVE	259.79
	1262302	01/26/2023	LEASE CONTACTS WEBINAR	85.00
	1262302	01/26/2023	MEMBERSHIP RENEWAL	150.00
	1262302	01/26/2023	NAME BADGE NAME PLATE	43.40
	1262302	01/26/2023	STOCK COSTCO COFFEE, PLATES, BOWLS	366.03
	1262302	01/26/2023	MAY 2023 GFOA CONFERENCE FLIGHTS	968.82
	1262302	01/26/2023	HOBBY LOBBY CHRISTMAS PARTY GIFTS	59.75
	1262302	01/26/2023	TARGET CHRISTMAS PARTY SUPPLIES	211.38
	1262302	01/26/2023	SMITHS CHRISTMAS GIFT CARDS FOR OPS	105.95
	1262302	01/26/2023	SAMS CHRISTMAS PARTY EMPLOYEE GIFTS	1,459.29
	1262302	01/26/2023	DOLLOR TREE CHRISTMAS RELAY RACE GIFTS	13.53
	1262302	01/26/2023	CAL CHAMBER 2023 CA LABOR LAW POSTER	132.79
	1262302	01/26/2023	2022 DIGITAL CA FIRE CODE	370.58
	1262302	01/26/2023	OVERWINTERING PLASTIC FOR SODIUM HYPOCHLORITE PROJ	357.90
	1262302	01/26/2023	FERGUSON SOCKETS, ELBOWS FOR SODIUM HYPOCHLORITE PROJ	765.27
	1262302	01/26/2023	AMAZON SMART SIGN DANGER SODIUM HYPOCHLORITE	23.38
	1262302	01/26/2023	PRECISION DIGITAL PROCESS METER, ENCLOSURE FOR SODIUM HYPOCH	1,507.68
	1262302	01/26/2023	VERIZON MONTHLY BILL	184.48
	1262302	01/26/2023	EMPLOYEE COVERALLS	197.77
	1262302	01/26/2023	EMPLOYEE SUMMER BOOTS	238.14
	1262302	01/26/2023	EMPLOYEE WINTER BOOTS	175.85
	1262302	01/26/2023	FULL BODY HARNESS FOR RESCUES	865.26
	1262302	01/26/2023	VERIZON MONTHLY BILL	1,969.45
	1262302	01/26/2023	BIOLOGICAL INDICATOR TESTS FOR LAB	194.42
	1262302	01/26/2023	VERIZON MONTHLY BILL	74.06
	1262302	01/26/2023	FREIGHT FOR HURST BOILER MATERIALS	520.12
	1262302	01/26/2023	OVERFLOW TANK & RADIATOR CAP FOR BNR BLOWER	126.85
	1262302	01/26/2023	TOILET BRUSH, SCRUB BRUSH	58.40
	1262302	01/26/2023	WATER PUMP FOR WATER HEATER SYSTEM	214.32
	1262302	01/26/2023	TEMPERED SAFETY GLASS	555.21
	1262302	01/26/2023	BOOK PROTECTIVE COVERS	26.30
	1262302	01/26/2023	DISINFECTANT CLEANER	57.73
	1262302	01/26/2023	SAFETY CHAIN FOR CLARK FORKLIFT	67.27
	1262302	01/26/2023	VERIZON MONTHLY BILL	37.03
	1262302	01/26/2023	MICROSOFT ONLINE SERVICES	360.00
	1262302	01/26/2023	AMAZON WEB MONTHLY BILL	6.59
	1262302	01/26/2023	GOOGLE CHROME DEVICE MANAGEMENT	919.80
	1262302	01/26/2023	LOG ME IN MONTHLY BILL	84.00
	1262302	01/26/2023	ADOBE NOV 2022 BILL	17.99
	1262302	01/26/2023	ADOBE DEC 2022 MONTHLY BILL	17.99
	1262302	01/26/2023	TWILIO MONTHLY BILL	10.02
	1262302	01/26/2023	REMARKABLE GM TABLET	592.13

Payee	Check Number	Check Issue Date	Description	Amount
	1262302	01/26/2023	CELLPHONE CHARGERS	117.56
	1262302	01/26/2023	OTTERBOX PHONE CASE	32.46
	1262302	01/26/2023	WATER PROOF CASES FOR MAINT EMPLOYEES QTY 11	769.89
	1262302	01/26/2023	STOCK AIR FILTERS FOR LIME VACUUM SYSTEM	519.51
	1262302	01/26/2023	STOCK PRESSURE SWITCH FOR HURST BOILER	152.49
	1262302	01/26/2023	STOCK WIRE FOR ELECTRICAL APPLICATIONS	760.24
	1262302	01/26/2023	STOCK AIR FILTERS FOR LIME VACUUM SYSTEM	359.56
	1262302	01/26/2023	STOCK FOR LEL CALIBRATION	324.75
	1262302	01/26/2023	STOCK GAS FLOW METER FOR METHANE	1,007.20
Total U.S. BANK CARD DIVISION:				19,083.44
U.S. PLASTICS CORP.				
	89447	01/26/2023	BALL VALVES FOR OXYGENATION BASIN 2 WATER LINES	877.39
Total U.S. PLASTICS CORP.:				877.39
ULINE				
	89359	01/05/2023	Heavy Duty Storage Cabinet For New E&I Shop	611.74
	89359	01/05/2023	Slim Storage Cabinet For New E&I Shop	1,022.96
	89359	01/05/2023	Heavy-Duty Steel Shelving For New E&I Shop	1,899.90
Total ULINE:				3,534.60
UNIFIRST CORPORATION				
	89360	01/05/2023	UNIFORMS	106.26
	89360	01/05/2023	UNIFORMS	21.62
	89360	01/05/2023	UNIFORMS	163.50
	89360	01/05/2023	UNIFORMS	81.56
	89360	01/05/2023	UNIFORMS	34.98
	89360	01/05/2023	UNIFORMS	163.50
	89360	01/05/2023	UNIFORMS	21.62
	89360	01/05/2023	UNIFORMS	106.26
	89360	01/05/2023	UNIFORMS	81.56
	89360	01/05/2023	UNIFORMS	34.98
	89393	01/12/2023	UNIFORMS	86.01
	89393	01/12/2023	UNIFORMS	99.20
	89393	01/12/2023	UNIFORMS	30.82
	89393	01/12/2023	UNIFORMS	409.01
	89393	01/12/2023	UNIFORMS	107.15
	89448	01/26/2023	UNIFORMS	173.36
	89448	01/26/2023	UNIFORMS	20.87
	89448	01/26/2023	UNIFORMS	105.51
	89448	01/26/2023	UNIFORMS	34.23
	89448	01/26/2023	UNIFORMS	80.81
	89448	01/26/2023	UNIFORMS	105.51
	89448	01/26/2023	UNIFORMS	80.51
	89448	01/26/2023	UNIFORMS	20.87
	89448	01/26/2023	UNIFORMS	173.36
	89448	01/26/2023	UNIFORMS	34.23
Total UNIFIRST CORPORATION:				2,377.29
UNITED PARCEL SERVICE, UPS				
	89361	01/05/2023	NOV 2022 SHIPPING	14.48

Payee	Check Number	Check Issue Date	Description	Amount
Total UNITED PARCEL SERVICE, UPS:				14.48
UNIVAR USA INC.				
	89394	01/12/2023	6,902 GAL METHANOL DLVD 12/21/22	13,630.85
	89394	01/12/2023	6,853 GAL METHANOL DLVD 12/28/22	13,535.52
	89423	01/19/2023	7001.5 GAL METHANOL DLVD 1/9/23	13,941.04
Total UNIVAR USA INC.:				41,107.41
USA BLUE BOOK				
	89362	01/05/2023	Float Switch For Secondary Clarifier Biofroth Pit	125.30
	89362	01/05/2023	Float Switch For Secondary Clarifier Biofroth Pit	156.81
Total USA BLUE BOOK:				282.11
USDA FOREST SERVICE				
	89363	01/05/2023	Annual usage permit fees	4,619.14
	89363	01/05/2023	USDA forest service special use permit	73.72
Total USDA FOREST SERVICE:				4,692.86
VWR SCIENTIFIC INC				
	89395	01/12/2023	CHLORIDE BDH0813-500ML FOR LAB	161.11
	89395	01/12/2023	PHOSPHATE BDH0823-500ML	153.36
Total VWR SCIENTIFIC INC:				314.47
WARE				
	89364	01/05/2023	STOCK VALVES FOR BOILERS	149.68
	89364	01/05/2023	STOCK VALVES FOR BOILERS	221.66
Total WARE:				371.34
ZORO				
	89365	01/05/2023	BUCKET DOLLY FOR SAFE HANDLING OF LUBRICATION BUCKETS	352.91
	89365	01/05/2023	STOCK WADERS FOR PPE	139.63
	89365	01/05/2023	STOCK INDEX DIVIDER TABS	58.81
Total ZORO:				551.35
Grand Totals:				918,583.65



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Richard Pallante
Item: IV-1
Subject: Report from January 18, 2023 closed session meeting.

Background

At the conclusion of the closed session discussion at the January 18, 2023 Board of Directors meeting, the meeting was adjourned without providing a report from closed session.

There was no action taken during the closed session meeting.

Fiscal Impact

None.

Attachments

None.

Recommendation

Management recommends a report from the January 18, 2023 closed session meeting.

Review Tracking

Submitted By: 

Richard Pallante
General Manager



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Roshelle Chavez, Executive Assistant/Board Clerk
Item: IV-2
Subject: Approval of the minutes of the regular Board meeting on January 18, 2023.

Background

Draft minutes from previous meeting(s) held are presented to the Board of Directors for review and approval.

Fiscal Impact

None.


Attachments

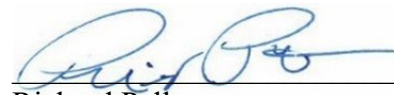
1. Minutes of the regular Board meeting on January 18, 2023.

Recommendation

Management and staff recommend approval of the minutes of the regular Board meeting on January 18, 2023.

Review Tracking

Submitted By: 
Roshelle Chavez
Executive Assistant/Board Clerk

Approved By: 
Richard Pallante
General Manager

**BOARD OF DIRECTORS
REGULAR MEETING MINUTES**

January 18, 2023

I. Call to Order:

President Wilkins called the regular meeting of the Tahoe-Truckee Sanitation Agency Board of Directors to order at 9:00 AM. Roll call and Pledge of Allegiance followed.

Directors Present: Dan Wilkins, TCPUD
Blake Tresan, TSD
Dale Cox, OVPSD
David Smelser, ASCWD
Scott Wilson, NTPUD

Staff Present: Richard Pallante, General Manager
Roshelle Chavez, Executive Assistant/Board Clerk
Vicky Lufrano, Human Resources Administrator
Crystal Sublet, Finance & Administrative Manager
Michael Peak, Operations Manager
Jay Parker, Engineering Manager
Andrew Ramos, Agency Counsel
Brandon Dimond, Operations Department
Jessie Denham, Operations Department
Joel Oberly, Operations Department
Bradley Beattie, Operations Department
Michael Ramos, Operations Department
Jason Hays, Laboratory Department
Paul Shouse, Maintenance Department
Tanner McGinnis, Maintenance Department
Soraya Bedout-Morz, Maintenance Department
Luke Swan, Information Technology Department
Michelle Mackey, Administrative Department
Celeste Graves, Administrative Department

Public: Shawn Koorn, HDR Engineering, Inc.
Mark Wasley, TSD
Sven Leff, TDRPD
Steven Gortler, Public

II. AB 361 Action

MOTION by Director Smelser **SECOND** by Director Tresan to find under Gov. Code § 54953, subd. (e)(1)(B) that as a result of the COVID-19 emergency: (i) meeting in person would present imminent risks to the health or safety of attendees; and (ii) the meeting is authorized to be held by teleconference pursuant to Gov. Code, § 54953, subd. (e)(1)(C) is authorized; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES: Directors Tresan, Cox, Smelser, Wilson and President Wilkins.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

III. Public Comment.

Public comment was provided by Sven Leff. No action was taken by the Board.

IV. Professional Achievements, Awards and Anniversaries.

Ms. Vicky Lufrano welcomed new staff Bradley Beattie (Operator in Training I) to the Agency and Board of Directors. She also acknowledged Agency staff who received Safety awards. The Board welcomed Mr. Beattie and congratulated staff on their achievements.

A majority of Agency staff left the meeting following this Agenda item.

V. Consent Agenda.

1. Ratify approval of payment of general fund warrants.

MOTION by Director Tresan **SECOND** by Director Smelser to approve consent agenda item 1, to Ratify approval of general fund warrants; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES: Directors Tresan, Cox, Smelser, Wilson and President Wilkins.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

2. Ratify approval of financial statements.

This item was pulled for discussion and further review.

VI. Regular Agenda

1. Ratify approval of financial statements.

This item was pulled for discussion and further review. November and December Financial Statements will not be approved until further notice.

2. Approval of the minutes of the regular Board meeting on November 30, 2022.

MOTION by Director Tresan **SECOND** by Director Wilson to approve the minutes of the regular Board meeting on November 30, 2022; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES: Directors Tresan, Cox, Smelser, Wilson and President Wilkins.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

3. Discussion and approval of the updated Maintenance Manager job description.

MOTION by Director Smelser **SECOND** by Director Wilson to approve the updated Maintenance Manager job description; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES: Directors Tresan, Cox, Smelser, Wilson and President Wilkins.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

4. Discussion and approval of the Military Leave Policy.

MOTION by Director Smelser **SECOND** by Director Wilson to approve the Military Leave Policy; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES: Directors Tresan, Cox, Smelser, Wilson and President Wilkins.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

5. Presentation and discussion of the Sewer Charge Rate Study Draft.

Shawn Koorn of HDR Engineering provided a PowerPoint presentation of the Sewer Service Charge Study draft to the Board of Directors. There was extensive discussion, questions, and answers. Direction was given to return to the February Board meeting with the final Sewer Service Charge study and draft public notice. At that time, they will finalize a rate for the notice of a Proposition 218 public hearing.

6. Presentation and discussion of the Connection Fee Rate Study Draft.

Shawn Koorn of HDR Engineering provided a PowerPoint presentation of the Connection Fee Rate Study draft to the Board of Directors. There was discussion, questions and answers. Direction was given to return with a revised final that would keep the existing Connection Fee at the same rate and realign the fee structure to mirror that of Sewer Service Charges.

7. Approval of Agency Debt Management Policy

MOTION by Director Tresan **SECOND** by Director Wilson to approve the Agency Debt Management Policy; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES: Directors Tresan, Cox, Smelser, Wilson and President Wilkins.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

8. Discussion and approval of Agency Investments.

MOTION by Director Tresan **SECOND** by Director Smelser to approve the investment of (i) \$8 million of unrestricted funds into a 12-month short term ladder portfolio in US Treasury Securities, (ii) \$10 million of restricted funds into 2 year FDIC insured CD's, and (iii) authorizing the expense of \$28,750 for associated fees; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES: Directors Tresan, Cox, Smelser, Wilson and President Wilkins.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

9. Approval of Agency purchases in excess of General Manager authority.

MOTION by Director Smelser **SECOND** by Director Wilson to approve Agency purchases in excess of General Manager authority for payments to (i) Cashman Equipment \$18,432.73, (ii) Blue-White Pumps \$17,362.23, and (iii) Thatcher \$22,000; unanimously approved.

The Board approved the motion by the following vote:

AYES: Directors Tresan, Cox, Smelser, Wilson and President Wilkins.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

10. Approval of contract for legal services with Bartkiewicz, Kronick & Shanahan.

MOTION by Director Smelser **SECOND** by Director Wilson to approve the contract for legal services with Bartkiewicz, Kronick & Shanahan; unanimously approved.

The Board approved the motion by the following vote:

AYES: Directors Tresan, Cox, Smelser, Wilson and President Wilkins.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

11. Presentation of the Laboratory Information Management Software (LIMS) Program.

Agency Laboratory Director, Jason Hays, provided a PowerPoint presentation to the Board of Directors to review the Laboratory Information Management Software (LIMS) program. The T-TSA Laboratory chose to implement the LIMS software to both mitigate additional workload caused by the California Environmental Laboratory Accreditation Program (ELAP) updated compliance TNI Standards, and to provide the most dependable and defensible data possible.

12. Review and discussion of Agency owned property for current and future use.

MOTION by Director Tresan **SECOND** by Director Wilson to table the review and discussion of Agency owned property for current and future use for a future meeting; unanimously approved.

The Board approved the motion by the following vote:

AYES: Directors Tresan, Cox, Smelser, Wilson and President Wilkins.
NOES: None
ABSENT: None
ABSTAIN: None

Motion tabled.

13. Discussion of in-person Board of Directors meeting for February.

The Board of Directors agreed that the February regular Board of Directors meeting would be held via Zoom teleconference.

VII. Management Team Reports.

1. Department Reports.

Mr. Peak provided an update on current and past projects for the operations department.

Mr. Shouse provided an update on current and past projects for the maintenance department.

Mr. Parker provided an update on current and past projects for the engineering department.

Ms. Sublet provided an update on current and past projects for the administration department.

No action was taken by the Board.

2. General Manager Report.

Mr. Pallante provided an update on the status of various ongoing projects, none of which required action by the Board.

VIII. Board of Directors Comment.

Director Cox stated that Mr. Pallante was doing a great job for the last several months and he has seen an improvement in morale. To continue this trend, he would like to see the return of the annual safety award program. Additionally, several Board Directors had attended a holiday luncheon at the plant and had to time to interact on a personal level with staff. He would like to see quarterly luncheons like this in the future to help the Board connect with staff.

There was no action taken by the Board.

The Board went into Closed Session at 1:42 PM

IX. Closed Session

1. Conference with General Manager, as Agency real property negotiator, concerning price and terms of payment relating to potential to real property exchange with Truckee Tahoe Airport District concerning Nevada County APN 019-440-81, APN 049-040-24, and APN 049-040-25 pursuant to Government Code Section 54956.8.

X. Adjournment.

There being no further business, the meeting was adjourned at 2:19 PM.

Richard Pallante
General Manager

Approved: _____

DRAFT



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Vicky Lufrano, Human Resources Administrator
Item: IV-3
Subject: Discussion and approval of the updated Maintenance Manager job description.

Background

New classification descriptions, which accurately reflect duties of staff, became effective January 1, 2020. As a continuous effort to maintain the accuracy of the classification descriptions, there are amendments to the description for Maintenance Department Manager as follows:

Maintenance Department Manager – Add language to reflect the SCADA and Information Technology component of the position.

Fiscal Impact

None


Attachments


Maintenance Department Manager classification description.

Recommendation

Management and staff recommend the approval of the updated Maintenance Department Manager classification description.

Review Tracking

Submitted By: 
Vicky Lufrano
Human Resources Administrator

Approved By: 
Richard Pallante
General Manager

TAHOE-TRUCKEE SANITATION AGENCY
Class Specification

Job Title: Maintenance Department Manager

Department: Maintenance

FLSA Status: EXEMPT

Revised as of: 02/2023

DEFINITION

Plans, organizes, directs and reviews the activities and operations of the Maintenance Department including facilities, electrical, instrumentation, process control and mechanical installation, maintenance and repair, [SCADA and Information Technology](#); coordinates assigned activities with other departments and outside agencies; and provides highly responsible and complex administrative support to the General Manager.

DISTINGUISHING CHARACTERISTICS

The Maintenance Department Manager duties are administrative/managerial and highly complex in nature, involving highly technical functions. The incumbent has broad management authority for the day-to-day operations of the Maintenance Department, as well as functional authority/responsibility for overseeing numerous tasks associated with the maintenance, repair and rehabilitation of the Agency's wastewater treatment plant.

SUPERVISION RECEIVED AND EXERCISED

Reports directly to, and receives administrative direction from the General Manager. Responsibilities include broad management authority over professional and technical positions in the Maintenance Department.

EXAMPLES OF DUTIES: *the duties specified below are representative of the range of duties assigned to this class and are not intended to be an inclusive list.*

- Develops, plans and implements department goals and objectives; recommends and administers policies and procedures.
- Coordinates department activities with those of other departments and outside agencies and organizations; provides staff assistance to the General Manager and Board of Directors; prepares and presents staff reports and other necessary correspondence.
- Directs, oversees and participates in the development of the department's work plan; assigns work activities, projects and programs; monitors work flow; reviews and evaluates work products, methods and procedures.
- Supervises and participates in the development and administration of the Maintenance Department budget; directs the forecast of additional funds needed for staffing,

JOB TITLE: Maintenance Department Manager

equipment, materials and supplies; monitors and approves expenditures; implements mid-year adjustments.

- Selects, trains, motivates and evaluates personnel; provides or coordinates staff training; conducts performance evaluations; implements discipline procedures; maintains discipline and high standards necessary for the efficient and professional operation of the department.
- Plans and ensures the implementation of preventive and predictive maintenance programs, [as well as SCADA and Information Technology programs](#), for supporting continuous operations of plant equipment and processes and for facilities and grounds maintenance activities in accordance with industry standards; recommends, develops, and implements improvements in plant, facility, [SCADA and Information Technology](#) maintenance procedures and work processes to increase effectiveness of maintenance programs in accordance with industry standards.
- Interprets mechanical, electrical or instrumentation drawings, diagrams and specifications to subordinates; inspects work in progress; ensures that work complies with appropriate repair methods and techniques; adjusts existing allocation of staff, materials, and budgetary resources within the department to meet maintenance service agreements and plant operational requirements.
- Considers department input and recommendations regarding maintenance, [SCADA and Information Technology](#) issues; proactively coordinates with other departments regarding current and proposed capital programs and their impact on quality and level of maintenance support.
- Secures and manages the services of contractors and consultants in the performance of maintenance, [SCADA and Information Technology](#) studies and projects; prepares and administers maintenance, [SCADA and Information Technology](#) contracts and purchase agreements.
- Coordinates with other department managers regarding the effective planning and implementation of upgrades, improvements and modifications to the treatment plant in accordance with industry standards and ensures minimal disruption to operations.
- Coordinates and operates Agency commercial vehicles (including 10-wheel dump truck and combination hydro vac/sewer cleaning truck), trucks, rubber-tired loader, skid-steer, backhoe, forklift and maintenance cart; coordinates and performs snow removal and equipment transports.
- Performs confined space entries as needed.
- Assists in the implementation of the Agency surplus property program.
- Directs and oversees the Agency asset management program.
- Represents the department to outside groups and organizations; participates in outside community and professional groups and committees; provides technical assistance as necessary.
- Researches and prepares technical and administrative reports and studies; prepares written correspondence as necessary.
- Represents the Agency with dignity, integrity, and the spirit of cooperation in all relations with staff and the public.

JOB TITLE: Maintenance Department Manager

- Builds and maintains positive working relationships with co-workers, other Agency employees and the public using principles of good customer service.
- Performs related duties as assigned.

QUALIFICATIONS

Knowledge of:

- Principles and practices of electrical, instrumentation, process control, mechanical installation, [SCADA and Information Technology](#), maintenance and repair, common to industry standards for an advanced wastewater treatment plant.
- Principles and practices associated with developing, implementing and managing a comprehensive predictive and preventive maintenance program.
- Principles and practices of leadership, motivation, team building and conflict resolution.
- Pertinent local, State and Federal laws, rules and regulations.
- Organizational and management practices as applied to the analysis and evaluation of programs.
- Methods of [SCADA and Information Technology](#), asset and work order management.
- Principles and practices of organization, administration and personnel management.
- Principles and practices of budget preparation and administration.
- Modern office practices, methods, and computer equipment including relevant software programs.
- Operation of office equipment including personal computers, fax machines, copiers, printers, telephones, voicemail and e-mail systems, etc.
- Oral and written communication skills; business English including vocabulary, spelling, and correct grammatical usage and punctuation.
- Safe work practices.
- Principles and practices of customer service.

Ability to:

- Plan, direct and control the administration and operations of the Maintenance Department.
- On a continuous basis know and understand requirements and all essential aspects of the job; access, review, analyze and interpret a wide variety of reports, technical data and budget documents; know and understand laws, regulations, rules and codes related to area of assignment; observe performance and review and evaluate staff; problem solve department related issues; remember various processes and requirements; and interpret and communicate policy, information and instructions.
- Prepare and administer department budgets.
- Develop and implement department policies and procedures.
- Supervise, train and evaluate assigned personnel.

JOB TITLE: Maintenance Department Manager

- Gain cooperation among staff and management team through discussion and persuasion.
- Analyze problems, identify alternative solutions, project consequences of proposed actions and implement recommendations in support of goals.
- Interpret and apply local, regional, State and Federal and Agency policies, procedures, rules and regulations.
- Troubleshoot mechanical and electrical issues.
- Adhere to and utilize appropriate Agency safety policies, procedures and practices and utilize appropriate Personal Protection Equipment.
- Understand and carry out oral and written instructions, and prioritize workload to meet deadlines.
- Read, write and comprehend the English language at a level necessary for effective job performance, exercising correct English usage, vocabulary, spelling, grammar and punctuation.
- Communicate effectively, tactfully and positively in both oral and written form.
- Operate and use modern office equipment and technology, including computers and applicable software.
- Maintain regular attendance and adhere to prescribed work schedule to conduct job responsibilities.
- Function in confined spaces and/or hazardous environment.
- Utilize appropriate safety procedures and practices for assigned duties.
- Establish and maintain effective working relationships with those contacted in the course of work.
- Contribute effectively to the accomplishment of Agency goals, objectives and activities.

Experience and Education:

Any combination of experience and training that would provide the required knowledge and abilities is qualifying. A typical way to obtain the required knowledge and abilities would be:

Experience:

Eight years of supervisory or higher-level experience that involved the development and implementation of a comprehensive predictive and preventive maintenance plan within an industrial, manufacturing, utility and/or large commercial setting; including two years in a management capacity. [General knowledge of SCADA and Information Technology highly desirable.](#)

Education:

Equivalent to a Bachelor's degree from an accredited college or university with major course work in environmental science, engineering, or a related field. Additional experience may substitute for the required education. Equivalence would be two years of additional experience for one year of the required education.

JOB TITLE: Maintenance Department Manager

SPECIAL QUALIFICATIONS

License and Certificate:

Possession of a valid California or Nevada Class C Driver License is required at time of appointment.

Possession of a CWEA Plant Maintenance Technologist Grade IV certification (preferred) or CWEA Electrical Instrumentation Technology Grade IV certification within four qualifying test cycles (approximately 12 months) upon meeting testing eligibility requirements.

Possession, or ability to obtain confined space certification within six months of appointment.

Persons employed in this classification are required to participate in Agency provided training to acquire basic First Aid and Cardiopulmonary Resuscitation (CPR) certificates during the initial 12 months of employment and continued maintenance of a valid certificate as a condition of employment for this position.

Possession of, or ability to obtain a 40-hour Hazwoper Hazardous Materials Technician Level III certification within six months of appointment.

PHYSICAL REQUIREMENTS

On a continuous basis, work effectively at desk and in meetings for long periods of time; intermittently move, traverse and position self while performing duties; access equipment surrounding desk; activate, use and operate a computer and other office equipment; use telephone; communicate through written means; and move or transport weight of 50 pounds or less.

Ability to wear a self-contained breathing apparatus (SCBA) and Full-Face Air Purifying Respirator (APR).

WORKING/ENVIRONMENTAL CONDITIONS

Work is performed in a typical temperature controlled office environment subject to typical office noise and environment. Some duties expose the incumbent to outdoor conditions and to all weather conditions. Possible exposure to chemicals (dust, gases, liquids, solids, fumes), odors and noise. Position requires work both during and outside of regular business hours, as well as occasional weekend work and the ability to travel.



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Vicky Lufrano, Human Resources Administrator
Item: IV-4
Subject: Discussion and approval of the Vehicle Usage Policy.

Background

TTSA's Employee Handbook was originally provided in April 2020. Since then, an update was provided, which became effective September 2022.

The Agency Vehicle Usage Policy is being brought forth as a means of providing additional information related to usage of Agency vehicles. This is especially important as the Agency, in its recent handbook amendment, indicated that Agency vehicles may be taken home as part of the Agency's Standby policy.

This policy is intended to replace the "Agency Vehicles and Equipment" policy within the Employee Handbook.

Fiscal Impact

None

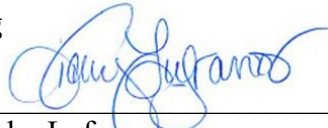
Attachments


Vehicle Usage Policy

Recommendation

Management and staff recommend the approval of the Vehicle Usage Policy

Review Tracking

Submitted By: 
Vicky Lufrano
Human Resources Administrator

Approved By: 
Richard Pallante
General Manager



TAHOE-TRUCKEE SANITATION AGENCY

A Public Agency
13720 Butterfield Drive
Truckee, CA 96161
(530) 587-2525
FAX (530) 587-5840

POLICIES AND PROCEDURES

POLICY NUMBER: XXX
EFFECTIVE DATE: February 15, 2023
REVISED DATE: N/A
SUBJECT: VEHICLE USAGE POLICY

I. **PURPOSE:**

This policy establishes procedures for use of Agency-owned pool vehicles, and for privately-owned vehicles operated for Agency business.

II. **POLICY:**

A. Employee Driving Standards

Employees whose duties necessitate driving in the course of employment are required to maintain an acceptable driving record, and must meet established minimum standards for purposes of insurability.

B. Use of Agency Vehicles

Agency-owned vehicles are not to be used for private transportation or personal business (except as described herein). Agency vehicles must be parked at the plant site when not in use so they can be available to authorized personnel for any valid business-related purpose.

III. **PROCEDURE:**

A. Use of Agency-Owned Vehicles

The Department Manager may authorize an employee to use an Agency vehicle for temporary use, including standby duty.

Authorization to use an Agency vehicle to regularly commute between the employee's home and place of work is not permitted, except with prior authorization by the General Manager.

An employee using an Agency vehicle must comply with the following:

1. An employee may be authorized to use an Agency vehicle for transportation between the employee's home and the work place. Such authorization will only be made where the employee is subject to call-back or standby duty during non-working hours. Agency vehicles that are taken home pursuant to this authorization shall be used for call-back and standby duty

TAHOE-TRUCKEE SANITATION AGENCY VEHICLE AND EQUIPMENT USAGE POLICY – Continued

Page 2

assignments; to attend Agency related business functions during non-business hours, and to travel to and from work. Except for commuting between the employee's home and employee's workplace, an Agency vehicle shall not be used for personal use, whether during or outside of working hours (except as described herein).

2. When an Agency vehicle is assigned for regular usage by certain personnel, based on Internal Revenue Service regulations, the use of an Agency vehicle may be a taxable fringe benefit. Such usage includes the value of regular commuting to and from work in an Agency vehicle. The value of the fringe benefit must be included in wages and is subject to income and employment taxes. Commuting between the residence and the principal place of business can be considered non-business travel or personal use regardless of whether it is required by the Agency.
3. When an Agency vehicle is assigned for regular usage by certain personnel, it may be utilized for normal business activities, travel to and from work, call-outs, attendance at professional meetings, training programs, seminars and/or conferences, and for attendance at community and regional meetings, events and/or functions related to the employees' official capacity. The vehicles will be clearly marked as Agency-owned.

Where any employee has been authorized to take home an Agency vehicle, vehicles may only be used for incidental "de minimus" personal use (e.g., a stop for a personal errand on the way between a business activity and the employee's home) in conjunction with the daily commute. Otherwise, the Agency vehicle must be used only for official Agency business or the return commute to place of business. Use of a take-home vehicle while on vacation is strictly prohibited. Transporting of family members in Agency owned vehicles is also prohibited.

4. Agency vehicles are available in most departments for periodic business usage. When driving Agency vehicles, employees are authorized to carry non-employee passengers only for the conduct and facilitation of Agency business as provided in this policy.
5. Only Agency employees are authorized to operate Agency-owned vehicles. In special, limited circumstances, the Agency-owned vehicle may be operated by someone other than an Agency employee (e.g., vehicle servicing by outside vendor, valet parking, etc.).
6. Except where such persons are also employees of the Agency, under no circumstances shall family members or friends be transported in Agency-owned vehicles, including those that are authorized for use commuting to and from the Agency or designated for call-back or standby duty.
7. Employees may be eligible on a limited basis to request to take an Agency vehicle home (e.g., when going to/returning from a seminar that necessitates the employee to leave early/return late in the day, and when on standby). This privilege may be granted on a case-by-case basis subject to the approval of the General Manager and may be revoked at any time.

TAHOE-TRUCKEE SANITATION AGENCY VEHICLE AND EQUIPMENT USAGE POLICY – Continued

Page 3

8. When utilizing an Agency vehicle for business-related travel, the vehicle may be used to attend meals and other activities directly related to the training, conference, or other business-related travel function.
9. All vehicles shall be appropriately marked with Agency identification unless specifically authorized by the General Manager.
10. When using Agency vehicles, employees shall not abuse the vehicle in any way and must report any mechanical problems immediately to the Agency mechanic. Employees authorized to use an Agency vehicle must ensure the vehicle is kept clean at all times. The employee must also ensure the interior of the vehicle is kept clean and free from debris.
11. No smoking is permitted in Agency vehicles. No alcoholic beverages or illegal drugs shall be transported or consumed in Agency vehicles.

B. Use of Privately Owned Vehicles

There are times when the employee's use of their personal vehicle for business purposes is preferable, e.g., because an Agency-owned pool vehicle is not available or because the use of a privately owned vehicle is deemed more efficient. When such is the case, employees must comply with the following:

1. An employee may use their privately-owned vehicle for business-related purposes upon written authorization by their department manager.
2. Employees who use their privately owned vehicles for Agency business must ensure their insurance is in effect on such vehicle.
3. It is the responsibility of the employee utilizing their privately owned vehicle to maintain accurate records of the purpose and extent of their travel, and to make substantiated claims for reimbursement per the Agency's reimbursement policy. The vehicle mileage allowance is intended to cover all the employee's costs of operating the vehicle on Agency business, including the cost of insurance, insurance deductibles, fuel, maintenance, and related expenses.
4. The Agency is not liable for any damage to an employee's privately owned vehicle.

C. General Guidelines

1. Employees shall obey all Federal, California, and local laws while operating either Agency-owned or privately-owned vehicles on Agency business. Agency employees shall wear seat belts at all times while operating an Agency vehicle or a private vehicle on Agency business.
2. Employees shall refrain from engaging in any conduct that may cause distraction while they are

TAHOE-TRUCKEE SANITATION AGENCY VEHICLE AND EQUIPMENT USAGE POLICY – Continued

Page 4

operating an Agency-owned vehicle or privately-owned vehicle in the course of conducting Agency business. That is, employees driving on Agency business should avoid operating telephones, laptop computers, etc. Isn't that the point of navigational devices, though?]

3. Employees who drive as part of their job must immediately report to their direct supervisor or manager any driving violation, citation, accident, or incident that may result in a suspension or revocation of their driver's license, or that results in violation points on their driving record.
4. Abuse of Agency vehicles, moving violations, reckless operation, or negligent actions while operating any Agency vehicle or private vehicle on Agency business may result in disciplinary action up to and including termination of employment.
5. Under no circumstances shall an Agency employee who is involved in an accident while on Agency business make a private settlement with an adverse party, regardless of how minor the damage may be. Instead, the employee must report any such accident or incident to their supervisor or manager.
6. Upon the occurrence of a work-related auto accident, the Agency employee must not tell the other party that the Agency will make repairs to the vehicle or property of the other party, or in any other way admit any liability.

D. Driver's License and Driving Record

1. To be eligible for authorization to use an Agency-owned, or privately-owned, vehicle on Agency business, the employee must possess a valid driver's license that is appropriate to the class of vehicle driven. For job classifications requiring driving, or requiring a specific type of driver's license, suspension or revocation of the driver's license may subject the employee to disciplinary action up to and including termination of employment.
2. The Agency shall enroll employees who operate Agency-owned vehicles on Agency business in the Department of Motor Vehicles (DMV) Pull Notice Program, for the review of the status of the employee's driver's license.

IV. RESPONSIBILITY FOR REVIEW:

Human Resources shall review this policy as needed.



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Crystal Sublet, Finance and Administrative Manager
Item: IV-5
Subject: Ratify approval of Financial Statements.

Background

Attached are the financial statements for the previous calendar month(s); each of which include (1) fund summaries, (2) end of month cash balances, (3) Local Agency Investment Fund (LAIF) statement, and (4) California Employers' Retiree Benefit Trust (CERBT) Fund statement.

Summaries of the expenditure and revenue activity are provided for Fund 10: General Fund; Fund 02: Wastewater Capital Reserve Fund; and Fund 06: Replacement, Rehabilitation and Upgrade Fund.

The end of month Combined Cash Investment table provides the end of month balances for all Agency cash accounts, which reconciles with Agency end of month fund balances.

The LAIF and CERBT statements provide a summary within the account.

The Finance Committee reviewed and approved the financial statements at its recent meeting.

Fiscal Impact

None.

Attachments

Report of financial statements.

Recommendation

Management and staff recommend the Board Directors ratify approval of the financial statements with the exception that an updated Combined Cash Statement will be presented at the March 15, 2023 Board meeting.

Review Tracking

Submitted By: *Crystal Sublet*
Crystal Sublet
Finance and Administrative Manager

Approved By: *Richard Pallante*
Richard Pallante
General Manager



Tahoe-Truckee Sanitation Agency
Fund 10: General Fund
Fiscal Year 2022 - 2023
Period Ending November 30, 2022

	Budget \$	Month \$	Month %	YTD \$	YTD %	Notes
REVENUE						
Income from Service Charge	13,171,000.00	868,811.55	6.6	4,570,796.53	34.7	1,2,3
Tax Revenue - Ad Valorem	4,445,000.00	0.00	0.0	49,211.11	1.1	2,3
Fund Interest	45,000.00	11,263.98	25.0	28,643.70	63.7	3,4
Other Revenue	65,000.00	2,857.71	4.4	43,759.54	67.3	3,5
Temporary Discharge	25,000.00	760.00	3.0	1,092.00	4.4	3
TOTAL REVENUE	17,751,000.00	883,693.24	5.0	4,693,502.88	26.4	
EXPENDITURE						
Salaries & Wages	6,194,000.00	458,877.69	7.4	2,251,078.15	36.3	
Employee Benefits	3,625,000.00	249,043.14	6.9	1,394,220.85	38.5	
OPEB Retiree Health Reimbursement	0.00	0.00	0.0	(450,000.00)	0.0	6
Director Fees	9,500.00	600.00	6.3	2,400.00	25.3	
Vehicle	90,000.00	11,726.35	13.0	22,036.43	24.5	
CSRMA Insurance	336,000.00	0.00	0.0	291,060.72	86.6	7
Professional Memberships	53,500.00	28,026.00	52.4	30,757.00	57.5	8
Agency Permits & Licenses	203,000.00	0.00	0.0	3,945.20	1.9	
Office Expense	327,000.00	15,483.33	4.7	66,539.04	20.3	
Contractual Services	2,610,000.00	196,535.06	7.5	846,599.03	32.4	
Professional Services	756,000.00	(95,458.61)	(12.6)	310,163.50	41.0	
Conferences & Training	126,000.00	2,069.74	1.6	16,201.40	12.9	
Utilities	1,308,000.00	157,852.92	12.1	407,807.85	31.2	
Supplies, Repairs & Maintenance	1,143,000.00	100,739.03	8.8	346,690.42	30.3	
TOTAL EXPENDITURE	16,781,000.00	1,125,494.65	6.7	5,539,499.59	33.0	
NET INCOME (LOSS)	970,000.00	(241,801.41)		(845,996.71)		
Unfunded Accrued Liability	1,303,500.00	0.00		1,180,894.00	90.6	

42% of the fiscal year has elapsed.
This is an unaudited status report.

Notes:

- 1 - TTSa collects the majority of its Sewer Service Charges on the county property tax bills of Placer County, El Dorado County and Nevada County. Placer County and Nevada County Sewer Service Charges are on the Teeter Schedule.
- 2 - Sewer Service Charges and Property Tax Revenue are net amounts of each County's billing fees. Teeter Schedule 55% - 1/2023, 40% 5/2023 and 5% 7/2023.
- 3 - The majority of Sewer Service Charges are collected on the County tax roll and recorded on a monthly basis according to the accrual-based accounting method. Sewer Service Charges not on the County tax roll are recorded when received.
- 4 - Interest on LAIF balances is received and recorded quarterly (10/2022, 1/2023, 4/2023 and 7/2023).
- 5 - Other Revenue includes rebates, billings and surplus items sold.
- 6 - OPEB Reimbursement received from CalPERS for FY22 retiree health insurance premiums.
- 7 - Property and Pooled liability insurance.
- 8 - Majority is Agency Memberships for CSDA and CASA in the amount of \$26,810



Tahoe-Truckee Sanitation Agency
 Fund 02: Wastewater Capital Reserve
 Fiscal Year 2022 - 2023
 Period Ending November 30, 2022

	Budget \$	Month \$	Month %	YTD \$	YTD %	Notes
REVENUE						
Income from Connection Fees	2,129,000.00	22,047.50	1.0	731,291.75	34.3	
Fund Interest	191,000.00	1,080.19	0.6	57,830.02	30.3	
TOTAL REVENUE	2,320,000.00	23,127.69	1.0	789,121.77	34.0	
EXPENDITURE						
FY23 Scada/IT Develop Standards	241,000.00	0.00	0.0	0.00	0.0	1
FY23 Scada/IT Improve Physical Security	147,000.00	0.00	0.0	0.00	0.0	3
FY23 Flowmeter Improvements	75,000.00	0.00	0.0	0.00	0.0	2
FY23 Manlift	60,000.00	0.00	0.0	54,142.57	90.2	4
FY23 Maintenance Carts	25,000.00	0.00	0.0	0.00	0.0	2
SUBTOTAL EXPENDITURES	548,000.00	0.00	0.0	54,142.57	9.9	
Allocation of 73.2% of Bond Payment	2,266,638.00	0.00	0.0	0.00	0.0	
TOTAL EXPENDITURE	2,814,638.00	0.00	0.0	54,142.57	1.9	
NET INCOME (LOSS)	(494,638.00)	23,127.69		734,979.20		

42% of the fiscal year has elapsed.

Notes:

- (1) Project started
- (2) Project started; no expenses invoiced
- (3) Project not started
- (4) Project completed
- (5) Project postponed to after FY23
- (6) Project cancelled



Tahoe-Truckee Sanitation Agency
 Fund 06: Replacement, Rehabilitation and Upgrade
 Fiscal Year 2022 - 2023
 Period Ending November 30, 2022

EXPENDITURE	Budget \$	Month \$	Month %	YTD \$	YTD %	Notes
FY23 Chlorine Scrubber Improvements	1,150,000.00	207,541.75	18.0	210,892.67	18.3	1
FY23 Plant Coating Improvements	480,000.00	39,701.67	8.3	273,733.88	57.0	1
FY23 Digestion Improvements Project	387,000.00	0.00	0.0	0.00	0.0	2
FY23 LEL Equipment Replacement	320,000.00	0.00	0.0	0.00	0.0	3
FY23 River Crossing, Gravity Main	252,000.00	0.00	0.0	0.00	0.0	2
FY23 Scada/IT Replace Servers	250,000.00	0.00	0.0	0.00	0.0	3
FY23 Control Room Upgrades	185,000.00	41,412.90	22.4	41,412.90	22.4	2
FY23 Condition Assessment and Inspection	130,000.00	0.00	0.0	0.00	0.0	3
FY23 Plant-Wide NFPA 820 Compliance Eval	110,000.00	0.00	0.0	0.00	0.0	3
FY23 Visable Reinforcement Study	105,000.00	0.00	0.0	0.00	0.0	3
FY23 Lab Equipment Replacement	80,000.00	0.00	0.0	0.00	0.0	3
FY23 Centrifuge Rebuild	50,000.00	0.00	0.0	0.00	0.0	2
FY23 SCADA Repeater Replacement	50,000.00	0.00	0.0	0.00	0.0	3
FY23 Filter Press Feed Pump VFD	45,000.00	0.00	0.0	0.00	0.0	2
FY23 Telephone System Upgrade	40,000.00	0.00	0.0	0.00	0.0	2
FY23 Odorous Air VFD Replacement	35,000.00	0.00	0.0	0.00	0.0	2
FY23 Cake Discharge VFD Replacement	35,000.00	0.00	0.0	0.00	0.0	2
FY23 2-Water System Improvements	32,000.00	0.00	0.0	0.00	0.0	3
FY23 ARC Flash Study/Breaker Replacement	20,000.00	0.00	0.0	0.00	0.0	2
FY22 EPDM Roof Replacement	0.00	86,040.58	0.0	424,129.09	0.0	1
FY22 ARC Flash Study/Breaker Replacement	0.00	0.00	0.0	20,143.14	0.0	1
FY22 TRI Improvements	0.00	0.00	0.0	20.02	0.0	1
FY22 Chlorine Scrubber Replacement	0.00	(1,065.00)	0.0	(1,065.00)	0.0	1
FY22 MPPS VFD	0.00	0.00	0.0	27,334.11	0.0	1
SUBTOTAL EXPENDITURES	3,756,000.00	373,631.90	9.9	996,600.81	26.5	
Allocation of 26.8% of Bond Payment	829,862.00	0.00	0.0	0.00	0.0	
TOTAL EXPENDITURES	4,585,862.00	373,631.90	8.1	996,600.81	21.7	

42% of the fiscal year has elapsed.
 This is an unaudited status report.

Notes:

- (1) Project started
- (2) Project started; no expenses invoiced
- (3) Project not started
- (4) Project completed
- (5) Project postponed to after FY23
- (6) Project cancelled

TAHOE-TRUCKEE SANITATION AGENCY
 COMBINED CASH STATEMENT
 NOVEMBER 30, 2022

COMBINED CASH ACCOUNTS

CASH - US BANK CHECKING	91,213.96
CASH - USB SERVICE CHARGE	17,255.94
CASH - US BANK TAX REV	61,335.17
CASH - US BANK WWCRF	99,706.85
CASH - WELLS FARGO PAYROLL	453,536.53
CASH - PETTY CASH	600.00
CASH - L.A.I.F.	34,267,157.17
 TOTAL COMBINED CASH	 34,990,805.62
CASH ALLOCATED TO OTHER FUNDS	<u>(34,990,805.62)</u>
 TOTAL UNALLOCATED CASH	 0.00

FUND	CASH ALLOCATION RECONCILIATION	November 30, 2022	October 31, 2022	Amount of Change	% of Change	November 30, 2021	Amount of Change	% of Change
02	ALLOCATION TO WASTEWATER CAPITAL RESERVE FUND	17,727,333.51	17,704,205.82	\$ 23,127.69	0.13	19,035,014.95	(1,307,681.44)	(6.87)
06	ALLOCATION TO R.R. & UPGRADE FUND	7,076,096.16	7,453,068.35	\$ (376,972.19)	(5.06)	8,291,456.77	(1,215,360.61)	(14.66)
07	ALLOCATION TO EMERGENCY & CONTINGENCY FUND	4,013,242.17	4,022,245.46	\$ (9,003.29)	(0.22)	7,275,085.21	(3,261,843.04)	(44.84)
10	ALLOCATION TO GENERAL FUND	6,174,133.88	7,254,610.19	\$ (1,080,476.31)	(14.89)	2,312,819.86	3,861,314.02	166.95
	TOTAL ALLOCATION TO OTHER FUNDS	34,990,805.72	36,434,129.82	<u>\$ (1,443,324.10)</u>	<u>(3.96)</u>	36,914,376.79	<u>(1,923,571.07)</u>	<u>(5.21)</u>
	ALLOCATIONS FROM COMBINED CASH	<u>(34,990,805.62)</u>	<u>(36,434,129.82)</u>			<u>(36,914,376.79)</u>		
	 ZERO PROOF IF ALLOCATIONS BALANCE	 0.10	 0.00			 0.00		

[Investment Data](#)

[My Account Profile](#)

[Documentation/Forms](#)

Investment Allocation

Account: 5084675063 » Tahoe-Truckee Sanitation Agency

Investment Strategy	Unit Price	Number of Units	Balance
CERBT Strategy 1	19.780964	640,551.683	\$12,670,730.08
Total			\$12,670,730.08

[Download to Excel](#)

California State Treasurer
Fiona Ma, CPA



Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

December 05, 2022

[LAIF Home](#)
[PMIA Average](#)
[Monthly Yields](#)

TAHOE TRUCKEE SANITATION AGENCY

TREASURER
13720 BUTTERFIELD DRIVE
TRUCKEE, CA 96161

[Tran Type Definitions](#)

Account Number: 70-31-001

November 2022 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
11/7/2022	11/7/2022	RW	1717720	1678056	MICHELLE MACKEY	-500,000.00
11/7/2022	11/7/2022	RW	1717721	1678057	MICHELLE MACKEY	-600,000.00

Account Summary

Total Deposit:	0.00	Beginning Balance:	35,367,157.27
Total Withdrawal:	-1,100,000.00	Ending Balance:	34,267,157.27

DECEMBER 2022 FINANCIAL STATEMENTS



Tahoe-Truckee Sanitation Agency
Fund 10: General Fund
Fiscal Year 2022 - 2023
Period Ending December 31, 2022

	Budget \$	Month \$	Month %	YTD \$	YTD %	Notes
REVENUE						
Income from Service Charge	13,171,000.00	873,642.03	6.6	5,444,438.56	41.3	1,2,3
Tax Revenue - Ad Valorem	4,445,000.00	0.00	0.0	49,211.11	1.1	2,3
Fund Interest	45,000.00	13,247.37	29.4	41,891.07	93.1	3,4
Other Revenue	65,000.00	3,438.07	5.3	47,197.61	72.6	3,5
Temporary Discharge	25,000.00	(330.00)	(1.3)	762.00	3.0	3
TOTAL REVENUE	17,751,000.00	889,997.47	5.0	5,583,500.35	31.5	
EXPENDITURE						
Salaries & Wages	6,194,000.00	719,496.90	11.6	2,970,575.05	48.0	
Employee Benefits	3,625,000.00	380,514.61	10.5	1,774,735.46	49.0	
OPEB Retiree Health Reimbursement	0.00	0.00	0.0	(450,000.00)	0.0	6
Director Fees	9,500.00	600.00	6.3	3,000.00	31.6	
Vehicle	90,000.00	5,800.95	6.4	27,837.38	30.9	
CSRMA Insurance	336,000.00	10,221.39	3.0	301,282.11	89.7	7
Professional Memberships	53,500.00	599.50	1.1	31,356.50	58.6	8
Agency Permits & Licenses	203,000.00	0.00	0.0	3,945.20	1.9	
Office Expense	327,000.00	48,593.28	14.9	115,132.32	35.2	
Contractual Services	2,610,000.00	152,618.26	5.8	999,217.29	38.3	
Professional Services	756,000.00	13,426.82	1.8	323,590.32	42.8	
Conferences & Training	126,000.00	1,312.62	1.0	17,514.02	13.9	
Utilities	1,308,000.00	17,861.86	1.4	425,669.71	32.5	
Supplies, Repairs & Maintenance	1,143,000.00	48,503.35	4.2	395,193.77	34.6	
TOTAL EXPENDITURE	16,781,000.00	1,399,549.54	8.3	6,939,049.13	41.4	
NET INCOME (LOSS)	970,000.00	(509,552.07)		(1,355,548.78)		
Unfunded Accrued Liability	1,303,500.00	0.00		1,180,894.00	90.6	

50% of the fiscal year has elapsed.
This is an unaudited status report.

Notes:

- 1 - TTSa collects the majority of its Sewer Service Charges on the county property tax bills of Placer County, El Dorado County and Nevada County. Placer County and Nevada County Sewer Service Charges are on the Teeter Schedule.
- 2 - Sewer Service Charges and Property Tax Revenue are net amounts of each County's billing fees. Teeter Schedule 55% - 1/2023, 40% 5/2023 and 5% 7/2023.
- 3 - The majority of Sewer Service Charges are collected on the County tax roll and recorded on a monthly basis according to the accrual-based accounting method. Sewer Service Charges not on the County tax roll are recorded when received.
- 4 - Interest on LAIF balances is received and recorded quarterly (10/2022, 1/2023, 4/2023 and 7/2023).
- 5 - Other Revenue includes rebates, billings and surplus items sold.
- 6 - OPEB Reimbursement received from CalPERS for FY22 retiree health insurance premiums.
- 7 - Property and Pooled liability insurance.
- 8 - Majority is Agency Memberships for CSDA and CASA in the amount of \$26,810



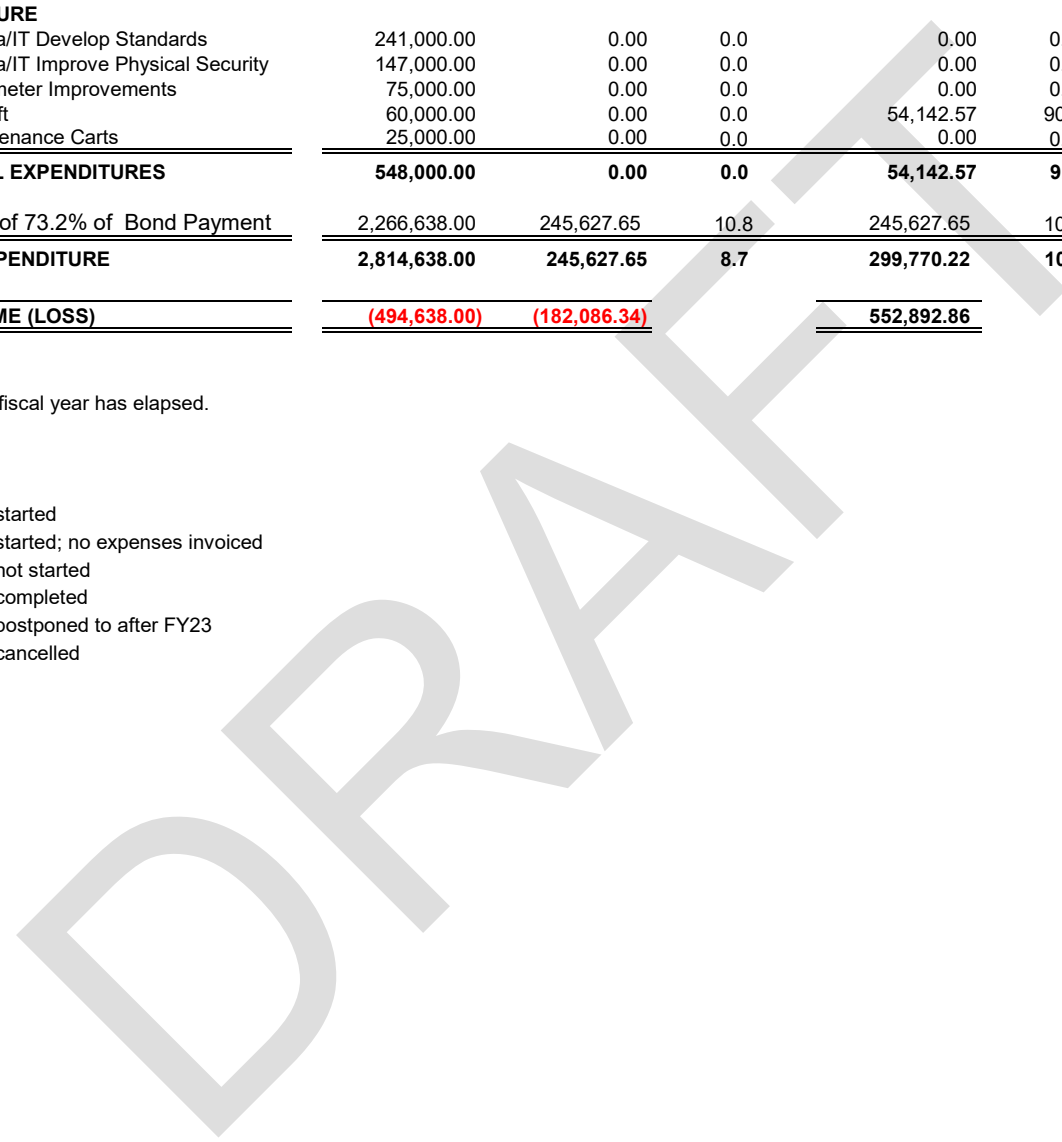
Tahoe-Truckee Sanitation Agency
 Fund 02: Wastewater Capital Reserve
 Fiscal Year 2022 - 2023
 Period Ending December 31, 2022

	Budget \$	Month \$	Month %	YTD \$	YTD %	Notes
REVENUE						
Income from Connection Fees	2,129,000.00	63,531.75	3.0	794,823.50	37.3	
Fund Interest	191,000.00	9.56	0.0	57,839.58	30.3	
TOTAL REVENUE	2,320,000.00	63,541.31	2.7	852,663.08	36.8	
EXPENDITURE						
FY23 Scada/IT Develop Standards	241,000.00	0.00	0.0	0.00	0.0	1
FY23 Scada/IT Improve Physical Security	147,000.00	0.00	0.0	0.00	0.0	3
FY23 Flowmeter Improvements	75,000.00	0.00	0.0	0.00	0.0	2
FY23 Manlift	60,000.00	0.00	0.0	54,142.57	90.2	4
FY23 Maintenance Carts	25,000.00	0.00	0.0	0.00	0.0	2
SUBTOTAL EXPENDITURES	548,000.00	0.00	0.0	54,142.57	9.9	
Allocation of 73.2% of Bond Payment	2,266,638.00	245,627.65	10.8	245,627.65	10.8	
TOTAL EXPENDITURE	2,814,638.00	245,627.65	8.7	299,770.22	10.7	
NET INCOME (LOSS)	(494,638.00)	(182,086.34)		552,892.86		

50% of the fiscal year has elapsed.

Notes:

- (1) Project started
- (2) Project started; no expenses invoiced
- (3) Project not started
- (4) Project completed
- (5) Project postponed to after FY23
- (6) Project cancelled





Tahoe-Truckee Sanitation Agency
Fund 06: Replacement, Rehabilitation and Upgrade
Fiscal Year 2022 - 2023
Period Ending December 31, 2022

EXPENDITURE	Budget \$	Month \$	Month %	YTD \$	YTD %	Notes
FY23 Chlorine Scrubber Improvements	1,150,000.00	0.00	0.0	210,892.67	18.3	1
FY23 Plant Coating Improvements	480,000.00	0.00	0.0	273,733.88	57.0	1
FY23 Digestion Improvements Project	387,000.00	0.00	0.0	0.00	0.0	1
FY23 LEL Equipment Replacement	320,000.00	0.00	0.0	0.00	0.0	3
FY23 River Crossing, Gravity Main	252,000.00	0.00	0.0	0.00	0.0	2
FY23 Scada/IT Replace Servers	250,000.00	0.00	0.0	0.00	0.0	3
FY23 Control Room Upgrades	185,000.00	135,417.00	73.2	176,829.90	95.6	1
FY23 Condition Assessment and Inspection	130,000.00	0.00	0.0	0.00	0.0	3
FY23 Plant-Wide NFPA 820 Compliance Eval	110,000.00	0.00	0.0	0.00	0.0	3
FY23 Visable Reinforcement Study	105,000.00	0.00	0.0	0.00	0.0	3
FY23 Lab Equipment Replacement	80,000.00	0.00	0.0	0.00	0.0	3
FY23 Centrifuge Rebuild	50,000.00	43,100.00	86.2	43,100.00	86.2	4
FY23 SCADA Repeater Replacement	50,000.00	0.00	0.0	0.00	0.0	3
FY23 Filter Press Feed Pump VFD	45,000.00	0.00	0.0	0.00	0.0	2
FY23 Telephone System Upgrade	40,000.00	0.00	0.0	0.00	0.0	4
FY23 Odorous Air VFD Replacement	35,000.00	0.00	0.0	0.00	0.0	2
FY23 Cake Discharge VFD Replacement	35,000.00	0.00	0.0	0.00	0.0	2
FY23 2-Water System Improvements	32,000.00	0.00	0.0	0.00	0.0	3
FY23 ARC Flash Study/Breaker Replacement	20,000.00	0.00	0.0	0.00	0.0	1
FY22 EPDM Roof Replacement	0.00	0.00	0.0	424,129.09	0.0	4
FY22 ARC Flash Study/Breaker Replacement	0.00	0.00	0.0	20,143.14	0.0	1
FY22 TRI Improvements	0.00	0.00	0.0	20.02	0.0	1
FY22 Chlorine Scrubber Replacement	0.00	0.00	0.0	(1,065.00)	0.0	1
FY22 MPPS VFD	0.00	0.00	0.0	27,334.11	0.0	1
SUBTOTAL EXPENDITURES	3,756,000.00	178,517.00	4.8	1,175,117.81	31.3	
Allocation of 26.8% of Bond Payment	829,862.00	89,929.25	10.8	89,929.25	10.8	
TOTAL EXPENDITURES	4,585,862.00	268,446.25	5.9	1,265,047.06	27.6	

50% of the fiscal year has elapsed.
This is an unaudited status report.

Notes:

- (1) Project started
- (2) Project started; no expenses invoiced
- (3) Project not started
- (4) Project completed
- (5) Project postponed to after FY23
- (6) Project cancelled

TAHOE-TRUCKEE SANITATION AGENCY
 COMBINED CASH STATEMENT
 DECEMBER 31, 2022

COMBINED CASH ACCOUNTS

CASH - US BANK CHECKING	232,000.74
CASH - USB SERVICE CHARGE	20,582.42
CASH - US BANK TAX REV	61,340.37
CASH - US BANK WWCRF	143,648.16
CASH - WELLS FARGO PAYROLL	113,679.26
CASH - PETTY CASH	600.00
CASH - L.A.I.F.	32,967,157.27
 TOTAL COMBINED CASH	 33,539,008.22
CASH ALLOCATED TO OTHER FUNDS	<u>(33,539,008.22)</u>
 TOTAL UNALLOCATED CASH	 0.00

FUND	CASH ALLOCATION RECONCILIATION	December 31, 2022	November 30, 2022	Amount of Change	% of Change	December 31, 2021	Amount of Change	% of Change
02	ALLOCATION TO WASTEWATER CAPITAL RESERVE FUND	23,126,192.86	17,727,333.51	\$ 5,398,859.35	30.45	18,572,906.29	4,553,286.57	24.52
06	ALLOCATION TO R.R. & UPGRADE FUND	5,712,137.40	7,076,096.16	\$ (1,363,958.76)	(19.28)	7,978,819.31	(2,266,681.91)	(28.41)
07	ALLOCATION TO EMERGENCY & CONTINGENCY FUND	4,000,000.00	4,013,242.17	\$ (13,242.17)	(0.33)	7,275,085.21	(3,275,085.21)	(45.02)
10	ALLOCATION TO GENERAL FUND	700,677.96	6,174,133.88	\$ (5,473,455.92)	(88.65)	1,000,827.82	(300,149.86)	(29.99)
	 TOTAL ALLOCATION TO OTHER FUNDS	 33,539,008.22	 34,990,805.72	 \$ (1,451,797.50)	 (4.15)	 34,827,638.63	 (1,288,630.41)	 (3.70)
	ALLOCATIONS FROM COMBINED CASH	<u>(33,539,008.22)</u>	<u>(34,990,805.72)</u>			<u>(34,827,638.63)</u>		
	 ZERO PROOF IF ALLOCATIONS BALANCE	 0.00	 0.00			 0.00		

California State Treasurer
Fiona Ma, CPA



Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

January 03, 2023

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TAHOE TRUCKEE SANITATION AGENCY

TREASURER
13720 BUTTERFIELD DRIVE
TRUCKEE, CA 96161

[Tran Type Definitions](#)

Account Number: 70-31-001

December 2022 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
12/1/2022	11/30/2022	RW	1718654	1678973	MICHELLE MACKEY	-500,000.00
12/13/2022	12/13/2022	RW	1719088	1679411	MICHELLE MACKEY	-500,000.00
12/15/2022	12/15/2022	RW	1719177	1679498	MICHELLE MACKEY	-300,000.00

Account Summary

Total Deposit:	0.00	Beginning Balance:	34,267,157.27
Total Withdrawal:	-1,300,000.00	Ending Balance:	32,967,157.27

[Investment Data](#)

[My Account Profile](#)

[Documentation/Forms](#)

Investment Allocation

Account: 5084675063 » Tahoe-Truckee Sanitation Agency

Investment Strategy	Unit Price	Number of Units	Balance
CERBT Strategy 1	19.089675	640,551.683	\$12,227,923.75
Total			\$12,227,923.75

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JANUARY 2022 FINANCIAL STATEMENTS



Tahoe-Truckee Sanitation Agency
Fund 10: General Fund
Fiscal Year 2022 - 2023
Period Ending January 31, 2023

	Budget	Month	Month	YTD	YTD	Notes
	\$	\$	%	\$	%	
REVENUE						
Income from Service Charge	13,171,000.00	2,253,124.17	17.1	7,697,562.73	58.4	1,2,3
Tax Revenue - Ad Valorem	4,445,000.00	2,630,233.80	59.2	2,679,444.91	60.3	2,3
Fund Interest	45,000.00	(1,081.02)	(2.4)	40,810.05	90.7	3,4
Other Revenue	65,000.00	175.00	0.3	47,372.61	72.9	3,5
Temporary Discharge	25,000.00	150.00	0.6	912.00	3.6	3
TOTAL REVENUE	17,751,000.00	4,882,601.95	27.5	10,466,102.30	59.0	
EXPENDITURE						
Salaries & Wages	6,194,000.00	467,857.77	7.6	3,838,505.22	62.0	
Employee Benefits	3,625,000.00	291,378.15	8.0	2,066,186.01	57.0	
OPEB Retiree Health Reimbursement	0.00	0.00	0.0	(450,000.00)	0.0	6
Director Fees	9,500.00	700.00	7.4	3,700.00	38.9	
Vehicle	90,000.00	11,702.93	13.0	39,540.31	43.9	
CSRMA Insurance	336,000.00	26,211.00	7.8	327,493.11	97.5	7
Professional Memberships	53,500.00	2,458.00	4.6	33,814.50	63.2	8
Agency Permits & Licenses	203,000.00	193,372.36	95.3	197,317.56	97.2	9
Office Expense	327,000.00	34,722.07	10.6	149,854.39	45.8	
Contractual Services	2,610,000.00	325,719.64	12.5	1,324,936.93	50.8	
Professional Services	756,000.00	7,640.21	1.0	331,230.53	43.8	
Conferences & Training	126,000.00	3,272.82	2.6	20,786.84	16.5	
Utilities	1,308,000.00	131,254.80	10.0	556,924.51	42.6	
Supplies, Repairs & Maintenance	1,143,000.00	81,541.98	7.1	476,735.75	41.7	
TOTAL EXPENDITURE	16,781,000.00	1,577,831.73	9.4	8,917,025.66	53.1	
NET INCOME (LOSS)	970,000.00	3,304,770.22		1,549,076.64		
Unfunded Accrued Liability	1,303,500.00	0.00		1,180,894.00	90.6	

59% of the fiscal year has elapsed.
This is an unaudited status report.

Notes:

- 1 - TTSa collects the majority of its Sewer Service Charges on the county property tax bills of Placer County, El Dorado County and Nevada County. Placer County and Nevada County Sewer Service Charges are on the Teeter Schedule.
- 2 - Sewer Service Charges and Property Tax Revenue are net amounts of each County's billing fees. Teeter Schedule 55% - 1/2023, 40% 5/2023 and 5% 7/2023.
- 3 - The majority of Sewer Service Charges are collected on the County tax roll and recorded on a monthly basis according to the accrual-based accounting method. Sewer Service Charges not on the County tax roll are recorded when received.
- 4 - Interest on LAIF balances is received and recorded quarterly (10/2022, 1/2023, 4/2023 and 7/2023).
- 5 - Other Revenue includes rebates, billings and surplus items sold.
- 6 - OPEB Reimbursement received from CalPERS for FY22 retiree health insurance premiums.
- 7 - Property and Pooled liability insurance.
- 8 - Majority is Agency Memberships for CSDA, CASA and CalChamber in the amount of \$27,709.00
- 9 - SWRCB Waste discharge annual permits of \$183,851.00



Tahoe-Truckee Sanitation Agency
 Fund 02: Wastewater Capital Reserve
 Fiscal Year 2022 - 2023
 Period Ending January 31, 2023

	Budget \$	Month \$	Month %	YTD \$	YTD %	Notes
REVENUE						
Income from Connection Fees	2,129,000.00	51,936.75	2.4	846,760.25	39.8	
Fund Interest	191,000.00	124,113.55	65.0	181,953.13	95.3	
TOTAL REVENUE	2,320,000.00	176,050.30	7.6	1,028,713.38	44.3	
EXPENDITURE						
FY23 Scada/IT Develop Standards	241,000.00	0.00	0.0	0.00	0.0	1
FY23 Scada/IT Improve Physical Security	147,000.00	0.00	0.0	0.00	0.0	3
FY23 Flowmeter Improvements	75,000.00	0.00	0.0	0.00	0.0	2
FY23 Manlift	60,000.00	0.00	0.0	54,142.57	90.2	4
FY23 Maintenance Carts	25,000.00	0.00	0.0	0.00	0.0	2
SUBTOTAL EXPENDITURES	548,000.00	0.00	0.0	54,142.57	9.9	
Allocation of 73.2% of Bond Payment	2,266,638.00	0.00	0.0	245,627.65	10.8	
TOTAL EXPENDITURE	2,814,638.00	0.00	0.0	299,770.22	10.7	
NET INCOME (LOSS)	(494,638.00)	176,050.30		728,943.16		

59% of the fiscal year has elapsed.

Notes:

- (1) Project started
- (2) Project started; no expenses invoiced
- (3) Project not started
- (4) Project completed
- (5) Project postponed to after FY23
- (6) Project cancelled



Tahoe-Truckee Sanitation Agency
 Fund 06: Replacement, Rehabilitation and Upgrade
 Fiscal Year 2022 - 2023
 Period Ending January 31, 2023

EXPENDITURE	Budget \$	Month \$	Month %	YTD \$	YTD %	Notes
FY23 Chlorine Scrubber Improvements	1,150,000.00	54,397.51	4.7	265,290.18	23.1	1
FY23 Plant Coating Improvements	480,000.00	0.00	0.0	273,733.88	57.0	4
FY23 Digestion Improvements Project	387,000.00	90,502.50	23.4	90,502.50	23.4	1
FY23 LEL Equipment Replacement	320,000.00	0.00	0.0	0.00	0.0	3
FY23 River Crossing, Gravity Main	252,000.00	0.00	0.0	0.00	0.0	2
FY23 Scada/IT Replace Servers	250,000.00	0.00	0.0	0.00	0.0	3
FY23 Control Room Upgrades	185,000.00	7,130.85	3.9	183,960.75	99.4	1
FY23 Condition Assessment and Inspection	130,000.00	0.00	0.0	0.00	0.0	3
FY23 Plant-Wide NFPA 820 Compliance Eval	110,000.00	0.00	0.0	0.00	0.0	3
FY23 Visable Reinforcement Study	105,000.00	0.00	0.0	0.00	0.0	3
FY23 Lab Equipment Replacement	80,000.00	0.00	0.0	0.00	0.0	3
FY23 Centrifuge Rebuild	50,000.00	0.00	0.0	43,100.00	86.2	4
FY23 SCADA Repeater Replacement	50,000.00	0.00	0.0	0.00	0.0	3
FY23 Filter Press Feed Pump VFD	45,000.00	0.00	0.0	0.00	0.0	2
FY23 Telephone System Upgrade	40,000.00	0.00	0.0	0.00	0.0	4
FY23 Odorous Air VFD Replacement	35,000.00	0.00	0.0	0.00	0.0	2
FY23 Cake Discharge VFD Replacement	35,000.00	0.00	0.0	0.00	0.0	2
FY23 2-Water System Improvements	32,000.00	0.00	0.0	0.00	0.0	3
FY23 ARC Flash Study/Breaker Replacement	20,000.00	0.00	0.0	0.00	0.0	1
FY22 EPDM Roof Replacement	0.00	0.00	0.0	424,129.09	0.0	4
FY22 ARC Flash Study/Breaker Replacement	0.00	0.00	0.0	20,143.14	0.0	1
FY22 TRI Improvements	0.00	0.00	0.0	20.02	0.0	6
FY22 Chlorine Scrubber Replacement	0.00	0.00	0.0	(1,065.00)	0.0	1
FY22 MPSS VFD	0.00	0.00	0.0	27,334.11	0.0	1
SUBTOTAL EXPENDITURES	3,756,000.00	152,030.86	4.0	1,327,148.67	35.3	
Allocation of 26.8% of Bond Payment	829,862.00	0.00	0.0	89,929.25	10.8	
TOTAL EXPENDITURES	4,585,862.00	152,030.86	3.3	1,417,077.92	30.9	

59% of the fiscal year has elapsed.
 This is an unaudited status report.

Notes:

- (1) Project started
- (2) Project started; no expenses invoiced
- (3) Project not started
- (4) Project completed
- (5) Project postponed to after FY23
- (6) Project cancelled

TAHOE-TRUCKEE SANITATION AGENCY
 COMBINED CASH STATEMENT
 JANUARY 31, 2023

COMBINED CASH ACCOUNTS

CASH - US BANK CHECKING	462,461.18
CASH - USB SERVICE CHARGE	330,329.85
CASH - US BANK TAX REV	15,068.12
CASH - US BANK WWCRF	45,595.35
CASH - WELLS FARGO PAYROLL	462,868.39
CASH - PETTY CASH	600.00
CASH - L.A.I.F.	39,597,139.14
TOTAL COMBINED CASH	<u>40,914,062.03</u>
CASH ALLOCATED TO OTHER FUNDS	<u>(40,914,062.03)</u>
TOTAL UNALLOCATED CASH	0.00

FUND	CASH ALLOCATION RECONCILIATION	January 31, 2023	December 31, 2022	Amount of Change	% of Change	January 31, 2022	Amount of Change	% of Change
02	ALLOCATION TO WASTEWATER CAPITAL RESERVE FUND	23,321,843.61	23,126,192.86	\$ 195,650.75	0.85	18,535,478.58	4,786,365.03	25.82
06	ALLOCATION TO R.R. & UPGRADE FUND	8,590,759.84	5,712,137.40	\$ 2,878,622.44	50.39	9,196,958.99	(606,199.15)	(6.59)
07	ALLOCATION TO EMERGENCY & CONTINGENCY FUND	4,034,707.55	4,000,000.00	\$ 34,707.55	0.87	7,279,436.30	(3,244,728.75)	(44.57)
10	ALLOCATION TO GENERAL FUND	4,966,751.03	700,677.96	\$ 4,266,073.07	608.85	7,148,748.14	(2,181,997.11)	(30.52)
	TOTAL ALLOCATION TO OTHER FUNDS	<u>40,914,062.03</u>	<u>33,539,008.22</u>	<u>\$ 7,375,053.81</u>	<u>21.99</u>	<u>42,160,622.01</u>	<u>(1,246,559.98)</u>	<u>(2.96)</u>
	ALLOCATIONS FROM COMBINED CASH	<u>(40,914,062.03)</u>	<u>(33,539,008.22)</u>			<u>(42,160,622.01)</u>		
	ZERO PROOF IF ALLOCATIONS BALANCE	0.00	0.00			0.00		

California State Treasurer
Fiona Ma, CPA



Local Agency Investment Fund
 P.O. Box 942809
 Sacramento, CA 94209-0001
 (916) 653-3001

February 01, 2023

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TAHOE TRUCKEE SANITATION AGENCY

TREASURER
 13720 BUTTERFIELD DRIVE
 TRUCKEE, CA 96161

[Tran Type Definitions](#)

Account Number: 70-31-001

January 2023 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
1/4/2023	1/4/2023	RW	1719922	1680259	MICHELLE MACKEY	-700,000.00
1/5/2023	1/5/2023	RW	1719973	1680298	MICHELLE MACKEY	-800,000.00
1/13/2023	1/12/2023	QRD	1721377	N/A	SYSTEM	179,981.87
1/13/2023	1/12/2023	RW	1722633	1682944	MICHELLE MACKEY	-200,000.00
1/24/2023	1/24/2023	RD	1723052	1683393	MICHELLE MACKEY	8,450,000.00
1/24/2023	1/23/2023	RW	1723027	1683369	MICHELLE MACKEY	-300,000.00

Account Summary

Total Deposit:	8,629,981.87	Beginning Balance:	32,967,157.27
Total Withdrawal:	-2,000,000.00	Ending Balance:	39,597,139.14



CERBT and CEPPT Plan Portal - As Of 01/31/2023



[Investment Data](#)

[My Account Profile](#)

[Documentation/Forms](#)

Investment Allocation

Account: 5084675063 » Tahoe-Truckee Sanitation Agency

Investment Strategy	Unit Price	Number of Units	Balance
CERBT Strategy 1	20.322726	640,551.683	\$13,017,756.77
Total			\$13,017,756.77

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TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Crystal Sublet, Finance and Administrative Manager
Item: IV-6
Subject: Presentation and discussion of the Sewer Rate Study by HDR Engineering.

Background

At the January 18, 2023, Board of Directors meeting, Shawn Koorn with HDR Engineering presented the draft for the Sewer Rate Study.

HDR has the technical and professional expertise to successfully conduct a Sewer Rate Study. HDR has qualified and nationally recognized utility rate and fee experts, as well as engineering experts to assist in developing the study. They have performed similar studies for other local districts to include the Tahoe City PUD, North Tahoe PUD, Truckee Sanitary District, Olympic Valley PSD, and Alpine Springs County Water District.

With the collective involvement and support of HDR's staff, T-TSA's staff, and the Finance Committee, HDR will present a final draft to the Board of Directors for discussion. Staff is requesting that the Board make a final selection of a rate schedule so that HDR can finalize the Sewer Rate Study report. HDR will present the final report at the March 15, 2023, Board of Directors meeting.

Fiscal Impact

None.

Attachments

HDR's Presentation for the Sewer Rate Study
HDR's Draft Technical Reports for all 3 alternatives

Recommendation

Staff recommends that the Board of Directors select a rate schedule for finalization of the Sewer Rate Study.

Review Tracking

Submitted By: *Crystal A Sublet*
Crystal Sublet
Finance and Administrative Manager

Approved By: *Richard Pallante*
Richard Pallante
General Manager

Tahoe Truckee Sanitation Agency Sewer Rate Study

February 15, 2023





Purpose of the Presentation



Overview of the Rate Study



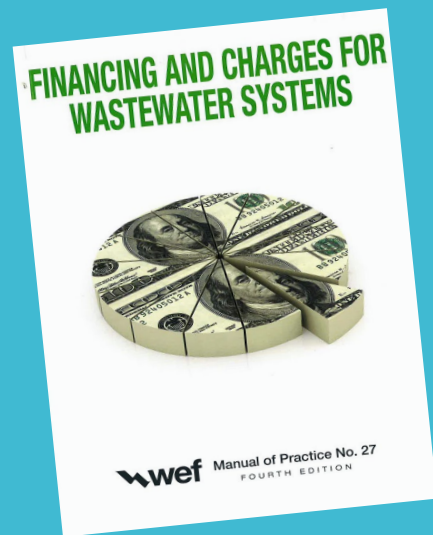
**Rate Study Results and
Alternatives**



Questions / Discussion

Purpose of the Presentation

- Review prior Board direction
- Provide an overview of the Sewer Rate Charge update
- Gain input and feedback from the Board
 - Develop final technical analysis and written report
- Next steps
 - Set public hearing
 - Send out Proposition 218 customer notification
 - Hold public hearing
 - Adopt sewer service charge at Board desired level



Purpose of the Rate Study

- Provide sufficient revenue to operate and maintain the Agency's sewer infrastructure
- Develop proposed sewer rates that are proportional and cost-based
 - Meet the intent of Proposition 218
- Reflect prudent financial planning criteria
 - Maintain target debt service coverage (DSC) ratio
 - Prudent level of rate funding for capital projects
 - Meet Agency minimum target reserve balances
 - Adequately fund identified capital improvement needs
- Develop the study using generally accepted methodologies tailored to TTSA's system and customer characteristics

Establishing Cost-Based Rates

Revenue Requirement

Compares the revenue of the utility to the expenses to evaluate the level of overall rates



Cost of Service

Allocate and distribute the revenue requirement to develop the average unit cost per equivalent unit



Rate Design

Design rates to meet the revenue needs and cost allocation to reflect the Agency's rate design goals and objectives

Study Results and Alternatives

Capital Improvement Planning

- Agency recently completed a comprehensive master plans
 - Plans identified deficiencies and betterments necessary to maintain and improve the level of service
- Provided the basis for the rate study capital funding analysis
 - Study included annual inflationary increases to projects
- Staff reviewed and made revisions to project timing and costs
- Rate study developed a funding analysis for expansion (Fund 2) and renewal and replacement (Fund 6 and 10)
 - Connection fee is the funding for expansion projects
 - Rate study, and subsequent service charges, reflect the funding of renewal and replacements
- Funding is provided through a mix of existing reserves, long—term debt, tax revenues, and annual service charge revenues
 - Service charge funding reflects industry standard approach to funding a portion, or all, of renewal and replacement needs through “rates”

Fund 6 Renewal and Replacement Plan

Total \$82M
Years FY24 – FY33

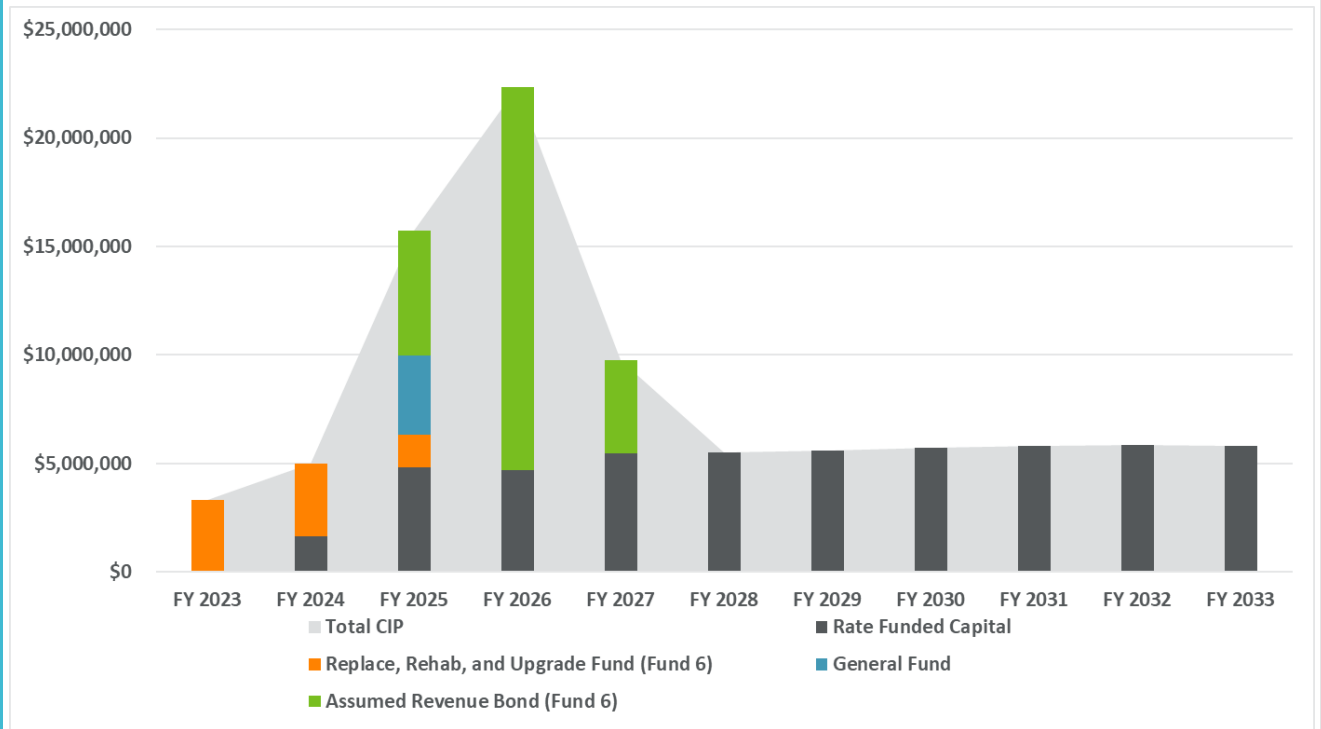
FY24 & FY25
Includes Inflation
10% + 3.8%

FY26 – FY33
Includes Inflation
3.8%

	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033
Replace, Rehab, and Upgrade Funded											
River Crossing, Gravity Main (MH 33 and MH 35)	\$2,374,795	\$461,356	\$1,913,439	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
River Crossing, Gravity Main (MH 65 and MH 66)	553,031	0	0	49,209	91,942	76,349	79,250	82,262	85,387	88,632	0
River Crossing, Gravity Main (MH 88 and MH 89)	377,067	0	0	33,552	62,688	52,056	54,034	56,087	58,219	60,431	0
TRI Renewal Program	5,721,138	0	0	0	0	866,876	899,818	934,011	969,503	1,006,344	1,044,585
Visible Reinforcement Study	84,508	0	0	0	0	15,665	16,260	16,878	17,520	18,185	0
Plant Coating Improvements	625,779	0	625,779	0	0	0	0	0	0	0	0
Lab Equipment Replacements	93,658	30,448	63,210	0	0	0	0	0	0	0	0
Lime Systems Improvements	200,957	200,957	0	0	0	0	0	0	0	0	0
Translucent Panel Rehab	71,111	0	71,111	0	0	0	0	0	0	0	0
Communications Network Replacement	248,890	0	248,890	0	0	0	0	0	0	0	0
Odorous Air Biofilter Media Replacement	55,919	0	0	55,919	0	0	0	0	0	0	0
Maintenance/E&I Shop Improvements	807,048	0	0	0	807,048	0	0	0	0	0	0
Plant-wide NFPA 820 Compliance Evaluation	125,598	125,598	0	0	0	0	0	0	0	0	0
Chemical Storage and Feed System Improvements	455,044	0	0	0	0	84,350	87,555	90,882	94,336	97,921	0
Primary and Secondary Treatment Repairs	513,513	0	53,191	225,869	234,452	0	0	0	0	0	0
Phosphorus Removal and Recarb Rehabilitation	3,584,523	0	371,296	1,576,657	1,636,570	0	0	0	0	0	0
Plant Wide Electrical Improvements (Phase 1)	616,414	0	302,460	313,954	0	0	0	0	0	0	0
Harmonic Filter Replacement For Area 71	148,434	148,434	0	0	0	0	0	0	0	0	0
Plant Wide Electrical Improvements (Phase 2)	5,342,997	0	0	0	0	990,413	1,028,049	1,067,115	1,107,665	1,149,756	0
Condition Assessment and Inspection	148,434	148,434	0	0	0	0	0	0	0	0	0
Plant Wide Electrical Improvements (Phase 3)	339,890	0	0	0	0	0	0	0	0	0	339,890
Digestion Improvements Project	22,360,112	1,849,716	6,731,870	13,778,526	0	0	0	0	0	0	0
2-Water System Improvements	210,630	39,963	170,667	0	0	0	0	0	0	0	0
Grit System Improvements	2,471,279	0	0	0	0	458,093	475,500	493,569	512,325	531,793	0
LEL Equipment Replacement	379,260	0	379,260	0	0	0	0	0	0	0	0
Primary & Secondary Treatment Rehab Project	10,219,918	0	1,058,610	4,495,244	4,666,063	0	0	0	0	0	0
Recarbonation Improvements	617,820	0	0	0	0	114,523	118,875	123,392	128,081	132,948	0
TWAS Pump Replacement Project	143,021	0	0	0	143,021	0	0	0	0	0	0
Solids Dewatering Improvements	583,496	0	0	0	0	108,161	112,271	116,537	120,966	125,562	0
Filtration Rehabilitation Project	1,407,256	0	0	0	0	260,858	270,771	281,060	291,740	302,827	0
AWT Improvements	1,910,665	0	0	0	0	354,173	367,632	381,602	396,103	411,155	0
Building Roof Replacements	6,818,849	0	1,268,152	0	1,552,104	605,874	628,897	652,795	677,601	703,350	730,077
Asphalt Sealing and Replacement Project	742,262	0	201,482	0	0	81,940	85,054	88,286	91,641	95,123	98,738
MPPS Improvements Project	654,224	0	0	0	0	0	0	0	0	0	654,224
Misc Plant Rehab Project	1,045,224	0	0	0	0	0	0	0	0	0	1,045,224
Plant Air System Upgrades	1,733,210	0	891,736	841,474	0	0	0	0	0	0	0
Odorous Air VFD Replacement	39,963	39,963	0	0	0	0	0	0	0	0	0
Replace Servers	976,953	0	0	0	0	301,250	312,697	0	0	0	363,006
Upgrade Networks	383,953	188,397	195,556	0	0	0	0	0	0	0	0
Replace Pilot PLCs (4)	763,863	227,104	314,312	222,447	0	0	0	0	0	0	0
Replace WRP PLCs (13)	2,104,057	0	421,216	397,475	412,579	428,257	444,530	0	0	0	0
Replace RTUs (14)	687,768	0	0	162,446	168,619	175,026	181,677	0	0	0	0
BNR Blower Replacement	56,505	28,545	0	27,960	0	0	0	0	0	0	0
Filter Press Feed Pump VFD Replacement	51,381	51,381	0	0	0	0	0	0	0	0	0
Front Entry Landscape Improvements	1,260,392	856,350	404,042	0	0	0	0	0	0	0	0
2-Water Valve Replacements	85,635	85,635	0	0	0	0	0	0	0	0	0
VFD Replacements	67,806	34,254	0	33,552	0	0	0	0	0	0	0
Gravity Main between MH 57 and MH 62	1,042,553	0	0	0	0	0	0	0	0	0	1,042,553
WAS Thickening Improvements Project	437,001	0	0	0	0	0	0	0	0	0	437,001
Maintenance Carts	31,111	0	31,111	0	0	0	0	0	0	0	0
Cashman CAT Skid Steer Loader	78,208	78,208	0	0	0	0	0	0	0	0	0
Cashman CAT 938M Wheel Loader w/ stand equip	297,240	297,240	0	0	0	0	0	0	0	0	0
Light vehicle replacement	215,639	103,800	0	111,839	0	0	0	0	0	0	0
Total Replace, Rehab, and Upgrade Funded	\$82,366,000	\$4,995,783	\$15,717,390	\$22,326,122	\$9,775,086	\$4,973,863	\$5,162,870	\$4,384,476	\$4,551,086	\$4,724,027	\$5,755,297

Wastewater Capital Improvement Plan (Fund 6)

Replacement, Rehabilitation & Upgrade Fund



Overview of the Revenue Requirement (Cash Basis)

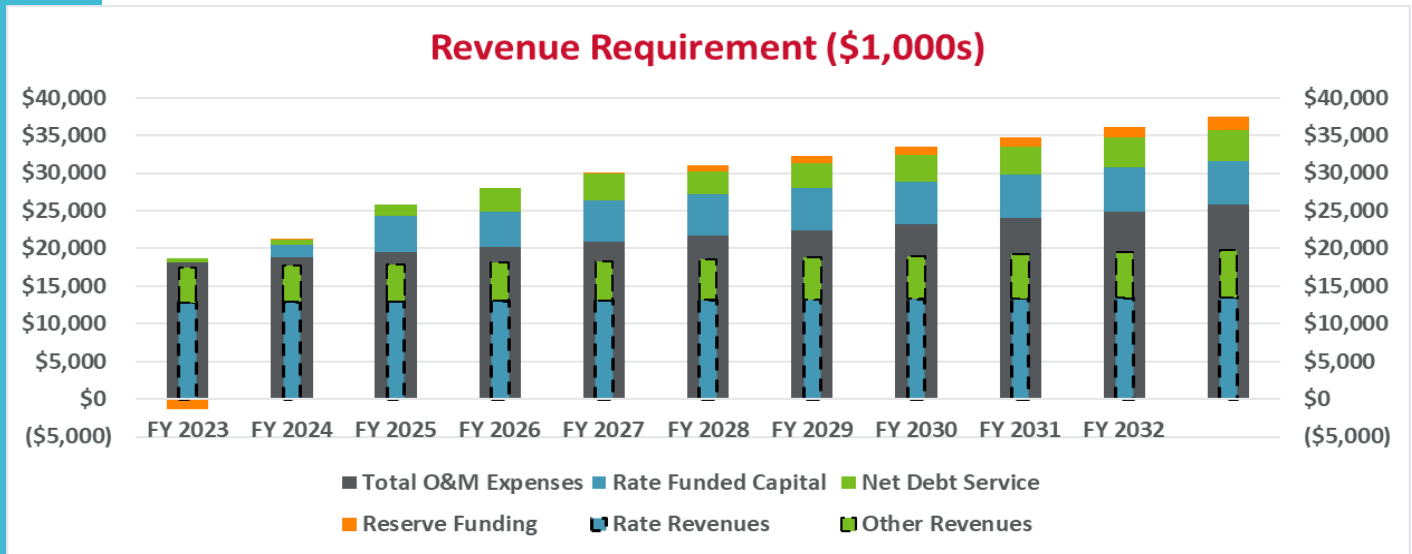
*(\$28M
@4.5%
for 20
years)*

+ O&M Expenses
+ Taxes/Transfer Payments
+ Debt Service (P+I)
+ <u>Capital Projects Funded from Rates</u>
= Revenue Requirements
- <u>Miscellaneous Revenues</u>
= Balance Required from Rates

= Total Capital Improvement Projects
- Outside Funding Sources
✓ Long-Term Debt
✓ Growth Related Fees
✓ Reserves
✓ <u>Grants</u>
= Capital Projects Funded from Rates

\$55M from Rates

Revenue Requirement Summary (\$000s)

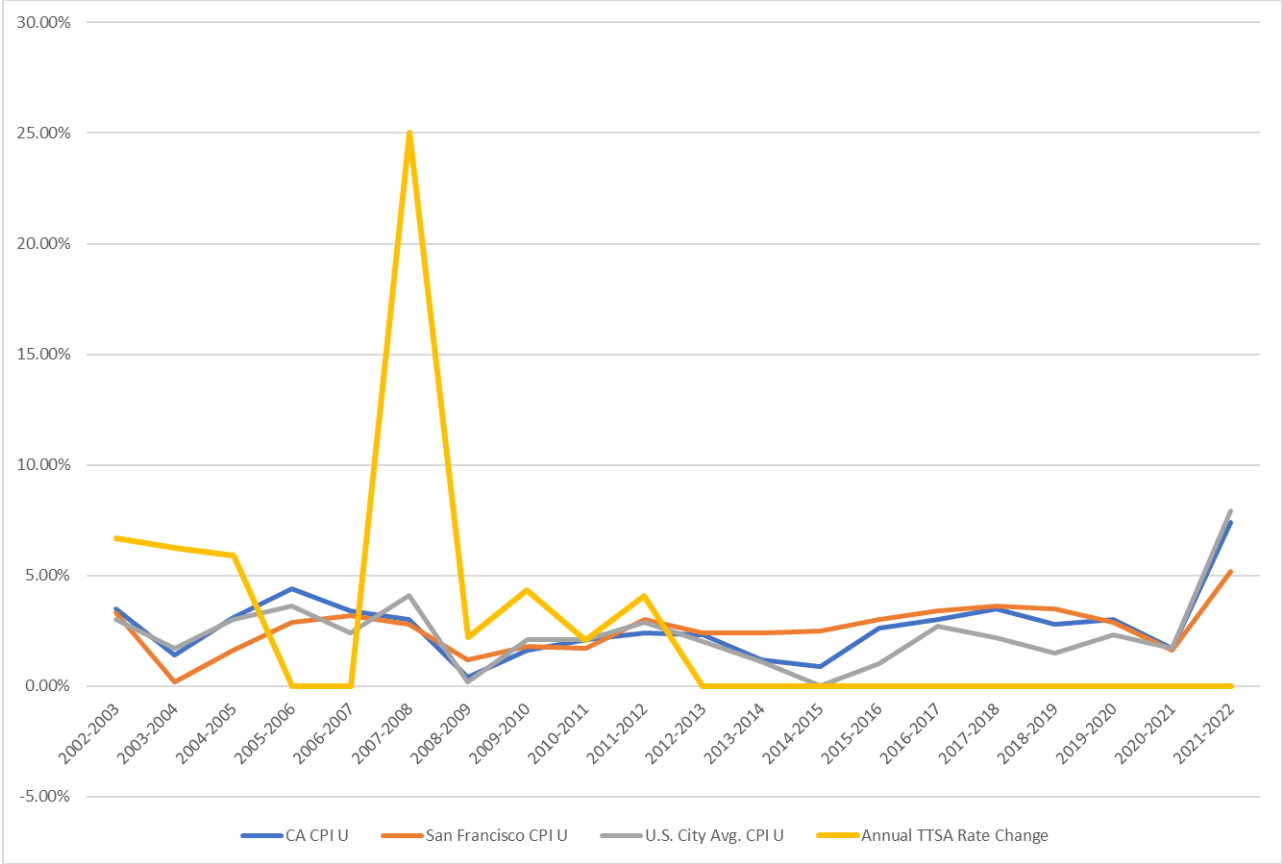


Reflects un-restricted funding needs (Sewer Service Charge)

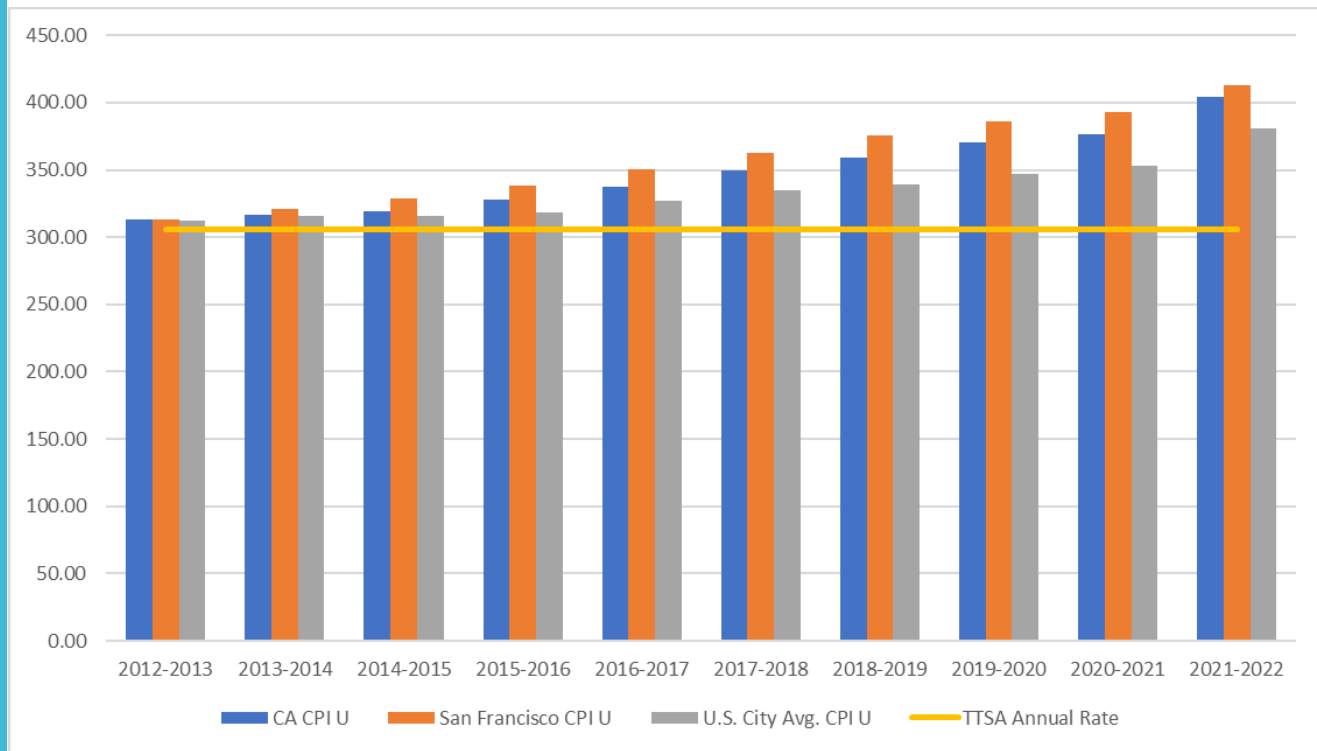
Revenue Requirement Summary

- Rate adjustments are necessary to meet projected O&M expenses
 - Projected funding of RRU capital with long-term debt
 - ~\$28.0M (FY 2025 – FY 2028); 20 years @ 4.5%
 - Targeting reserve funds at Board Policy levels
 - Investing in the sewer system renewal and replacement on an annual basis
 - Developed alternative transition plans for Board consideration

Annual CPI U and Annual TTSA Rate Adjustments



2011-2012 TTSA Rate with Inflation



Revenue Requirement Summary – Avg. Bill Comparison

Alternative 1	Present	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Annual Change		\$81.09	\$102.58	\$46.52	\$40.21	\$20.17
Annual Customer Bill (1 EDU)	\$306.00	\$387.09	\$489.67	\$536.19	\$576.40	\$596.58
Monthly Change		\$6.76	\$8.55	\$3.88	\$3.35	\$1.68
Monthly Customer Bill (1 EDU)	\$25.50	\$32.26	\$40.81	\$44.68	\$48.03	\$49.71
% Change		26.5%	26.5%	9.5%	7.5%	3.5%
DSC Ratio	0.00	0.92	1.82	1.51	1.59	3.11

- Target Reserves:
 - Operating – Meet 6 Months O&M + UAL in FY 2036
 - Capital (Fund 2) – 50% of 5-Year Capital over time period
 - R&R (Fund 6) – 50% of 5-Year R&R Capital met in FY 2039
 - Emergency – \$4 Million over time period

Revenue Requirement Summary – Avg. Bill Comparison

Alternative 2	Present	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Annual change		\$91.80	\$73.59	\$63.64	\$45.48	\$20.32
<u>Annual</u> Customer Bill (1 EDU)	\$306.00	\$397.80	\$471.39	\$535.03	\$580.51	\$600.83
Monthly Change		\$7.65	\$6.13	\$5.30	\$3.79	\$1.69
<u>Monthly</u> Customer Bill (1 EDU)	\$25.50	\$33.15	\$39.28	\$44.59	\$48.38	\$50.07
% Change		30.0%	18.5%	13.5%	8.5%	3.5%
DSC Ratio	0.00	1.09	1.59	1.50	1.62	3.17

- Target Reserves:
 - Operating – Meet 6 Months O&M + UAL in FY 2035
 - Capital (Fund 2) – 50% of 5-Year Capital over time period
 - R&R (Fund 6) – 50% of 5-Year R&R Capital met in FY 2039
 - Emergency – \$4 Million over time period

Revenue Requirement Summary – Avg. Bill Comparison

Alternative 3	Present	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Annual Change		\$214.20	\$18.21	\$18.84	\$19.50	\$20.19
Annual Customer Bill (1 EDU)	\$306.00	\$520.20	\$538.41	\$557.25	\$576.76	\$596.94
Monthly Change		\$17.85	\$1.52	\$1.57	\$1.63	\$1.68
Monthly Customer Bill (1 EDU)	\$25.50	\$43.35	\$44.87	\$46.44	\$48.06	\$49.75
% Change		70.0%	3.5%	3.5%	3.5%	3.5%
DSC Ratio	0.00	3.13	2.79	1.93	1.92	4.60

- Target Reserves:
 - Operating – Meet 6 Months O&M + UAL in FY 2034
 - Capital (Fund 2) – 50% of 5-Year Capital over time period
 - R&R (Fund 6) – 50% of 5-Year R&R Capital met in FY 2039
 - Emergency – \$4 Million over time period

Summary of the Cost of Service

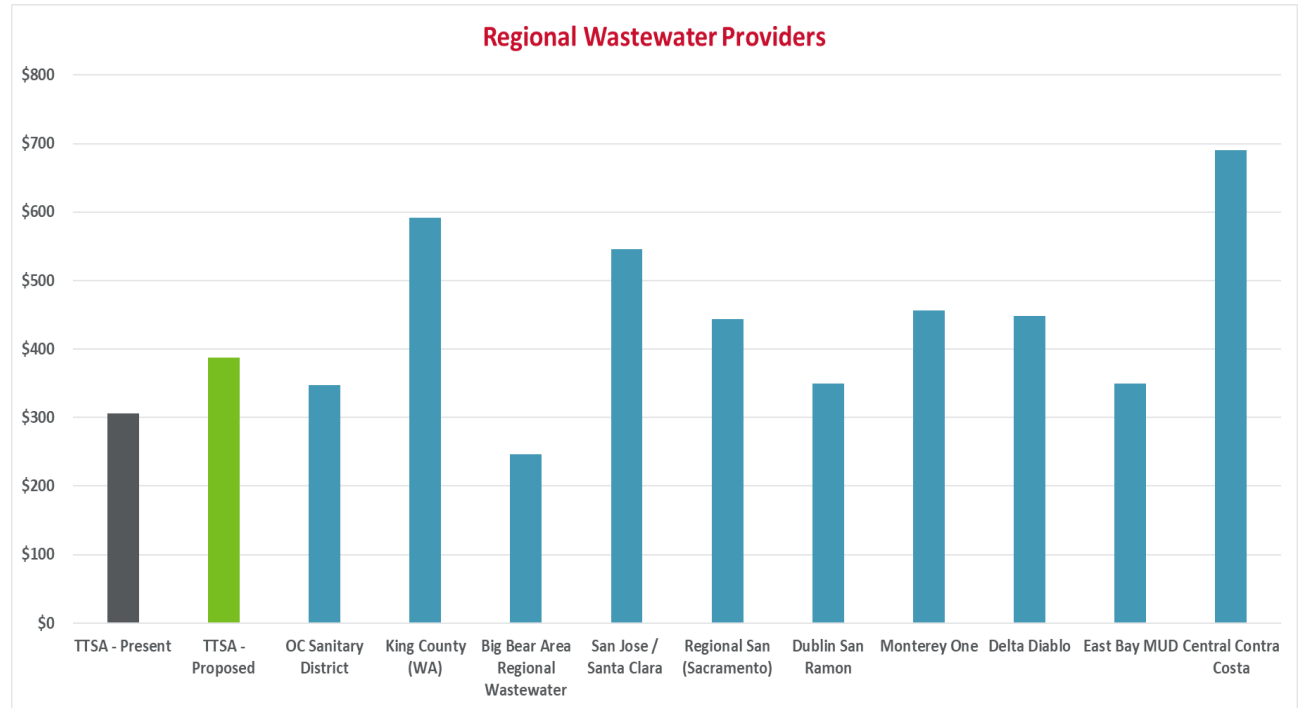
- Agency establishes the rate on a per EDU on an annual basis
- Study reviewed the assumptions for an EDU
 - Flow and strength
- HDR recommends maintaining the current EDU approach
- Cost of service reflects the cost on a per EDU basis
 - EDU is calculated for various customer types to reflect the estimated flows and strength levels
- Cost of service provides the basis for the proposed annual rate

Proposed Rates (Taxable Area) – Alternative 2

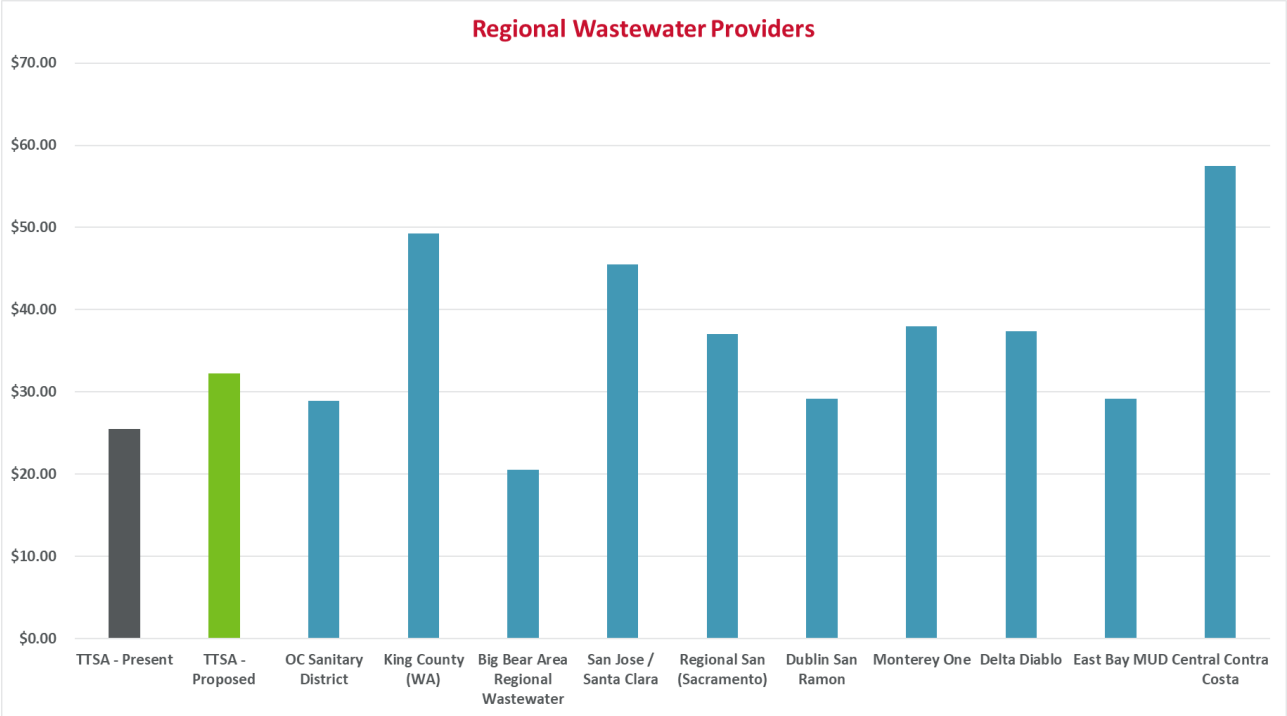
Sewer Service - Taxable Area	TTSA Code	Units	Existing Per Unit Charge (\$)	Proposed FY 2024 Per Unit Charge (\$)	Proposed FY 2025 Per Unit Charge (\$)	Proposed FY 2026 Per Unit Charge (\$)	Proposed FY 2027 Per Unit Charge (\$)	Proposed FY 2028 Per Unit Charge (\$)
Beauty/Barber Shop	A	# of service chairs	\$138.36	\$179.96	\$213.42	\$242.36	\$263.16	\$272.20
Commercial Establishments (1) (unless otherwise noted)	B	# of fixture units	39.24	51.04	60.53	68.73	74.63	77.20
Dump Station	D	# of stations	306.00	398.00	472.00	536.00	582.00	602.00
Restaurant or Bar	F	# of seats inside	30.00	39.02	46.27	52.55	57.06	59.02
	Z	# of seats outside	10.80	14.05	16.66	18.92	20.54	21.25
	Z	# of seats banquet	10.80	14.05	16.66	18.92	20.54	21.25
Grocery	G	# of fixture units	60.60	78.82	93.47	106.15	115.26	119.22
Industrial User	I	as calculated pursuant to Table A-2	306.00	398.00	472.00	536.00	582.00	602.00
Car Washes	J	# of bays, Automatic	459.00	597.00	708.00	804.00	873.00	903.00
		# of bays, Automatic - Recycled	367.20	477.60	566.40	643.20	698.40	722.40
		# of bays, Self-Serve	306.00	398.00	472.00	536.00	582.00	602.00
		# of bays, Self-Serve - Recycled	244.80	318.40	377.60	428.80	465.60	481.60
Campsite with Sewer Connection	K	# of sites	164.16	213.52	253.21	287.55	312.23	322.96
Laundromat	L	# of washing machines	163.32	212.42	251.92	286.08	310.63	321.30
Motel or Hotel Unit	M	# of units	153.00	199.00	236.00	268.00	291.00	301.00
Motel or Hotel Unit with Kitchen	N	# of units	201.96	262.68	311.52	353.76	384.12	397.32
Swimming Pool or Spa	P	# of P units, see table A-1	5.64	7.34	8.70	9.88	10.73	11.10
Campsite without Sewer Connection	Q	# of sites	138.84	180.58	214.16	243.20	264.07	273.14
Residential Unit	R	# of dwelling units	306.00	398.00	472.00	536.00	582.00	602.00
Other	S	As Determined by General Manager	5.64	7.34	8.70	9.88	10.73	11.10
Assembly Hall	T	# of seats	2.28	2.97	3.52	3.99	4.34	4.49
Public Schools	---	Per 1,000 gallons						

Additional rate schedule for properties outside Agency's taxable service area

Annual Residential Treatment Customer Bill Comparison

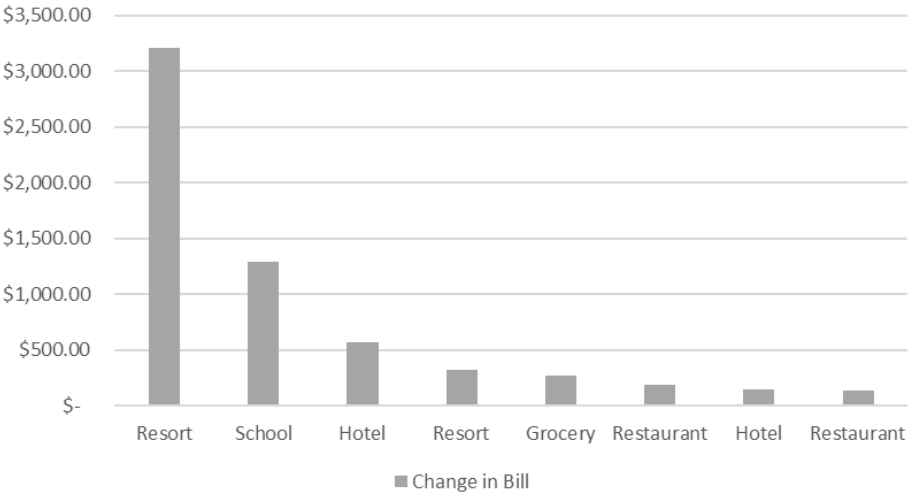


Monthly Residential Treatment Customer Bill Comparison

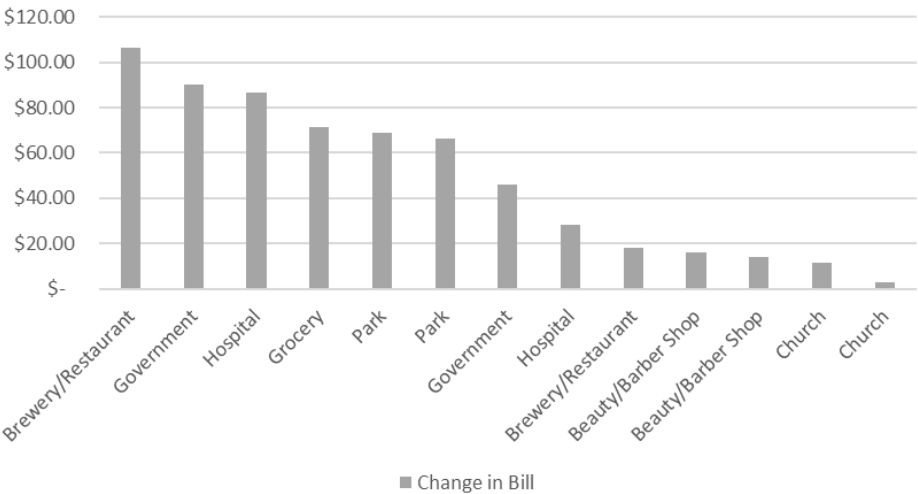


Monthly Commercial Bill Change (Alternative 2; Year 1 adjustment)

Monthly Commercial Bill Change



Monthly Commercial Bill Change



Next Steps

- Gain feedback and input on the study
 - Rate transition plan, and alternative proposed rates
- Finalize technical analyses
- Develop written report
- Final presentation and recommendations to the Board for action on March 15, 2023
- Rate Study:
 - Board accepts the rate study
 - Board sets public hearing for the rate study (May 17th; or special meeting)
 - At public hearing, if no majority protest (i.e., 50% + 1), Board may adopt rates
- Connection fee study
 - Continuation of prior discussions and final study calculations

Thank You
and Discussion



**Tahoe-Truckee Sanitary Agency
Wastewater Rate Study
Revenue Requirement Summary
Exhibit 1**

	<i>Proposed</i>	<i>Projected</i>									
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033
Revenues											
Rate Revenues	\$12,834,515	\$12,898,688	\$12,963,181	\$13,027,997	\$13,093,137	\$13,158,603	\$13,224,396	\$13,290,518	\$13,356,971	\$13,423,755	\$13,490,874
Miscellaneous Revenues	4,580,000	4,844,791	4,954,653	5,093,580	5,240,301	5,400,189	5,559,155	5,726,458	5,898,740	6,076,093	6,255,110
Total Revenues	\$17,414,515	\$17,743,479	\$17,917,835	\$18,121,577	\$18,333,438	\$18,558,792	\$18,783,551	\$19,016,976	\$19,255,711	\$19,499,849	\$19,745,984
Expenses											
Total Finance & Admin	\$4,438,000	\$4,596,076	\$4,813,524	\$4,993,102	\$5,158,082	\$5,401,518	\$5,531,135	\$5,727,933	\$5,931,920	\$6,143,366	\$6,435,151
Total Engineering	1,490,000	1,538,270	1,588,147	1,639,687	1,692,946	1,747,984	1,804,863	1,863,645	1,924,396	1,987,185	2,052,083
Total Safety	387,000	399,355	412,118	425,303	438,924	452,996	467,535	482,557	498,078	514,115	530,687
Total Operations	6,056,500	6,385,653	6,621,230	6,865,739	7,119,525	7,382,947	7,656,379	7,940,210	8,234,843	8,540,698	8,858,212
Total Laboratory	976,000	1,010,095	1,043,361	1,077,771	1,113,365	1,150,187	1,188,279	1,227,689	1,268,463	1,310,651	1,354,304
Total Maintenance	2,931,000	3,030,050	3,132,563	3,238,663	3,348,482	3,462,154	3,579,820	3,701,624	3,827,718	3,958,259	4,093,408
Total Electrical & Instrumentation	1,002,000	1,035,090	1,069,311	1,104,704	1,141,309	1,179,170	1,218,333	1,258,842	1,300,747	1,344,097	1,388,943
Total Information Technology	645,000	666,190	688,096	710,742	734,155	758,361	783,389	809,265	836,021	863,688	892,296
Total Warehouse	159,000	164,325	169,837	175,542	181,448	187,562	193,892	200,445	207,231	214,257	221,532
Total Additional O&M	0	0	0	0	0	0	0	0	0	0	0
Total O&M Expenses	\$18,084,500	\$18,825,104	\$19,538,187	\$20,231,252	\$20,928,236	\$21,722,880	\$22,423,624	\$23,212,210	\$24,029,417	\$24,876,315	\$25,826,615
Rate Funded Capital	\$0	\$1,650,000	\$4,810,000	\$4,700,000	\$5,470,000	\$5,500,000	\$5,600,000	\$5,700,000	\$5,800,000	\$5,850,000	\$5,825,000
Net Debt Service	649,900	683,400	1,430,329	3,029,103	3,494,706	3,005,087	3,235,715	3,462,500	3,704,659	3,962,195	4,004,476
Reserve Funding	(1,319,885)	3,128	(79,857)	(38,514)	10,441	826,144	984,384	1,108,369	1,236,406	1,419,249	1,837,206
Total Revenue Requirement	\$17,414,515	\$21,161,631	\$25,698,660	\$27,921,841	\$29,903,383	\$31,054,111	\$32,243,723	\$33,483,078	\$34,770,483	\$36,107,759	\$37,493,298
Bal. / (Def.) of Funds	\$0	(\$3,418,152)	(\$7,780,826)	(\$9,800,264)	(\$11,569,945)	(\$12,495,319)	(\$13,460,172)	(\$14,466,103)	(\$15,514,772)	(\$16,607,910)	(\$17,747,313)
Proposed Rate Adjustment	0.0%	26.5%	26.5%	9.5%	7.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Add'l Revenue with Rate Adj.	\$0	\$3,418,152	\$7,780,826	\$9,800,264	\$11,569,945	\$12,495,319	\$13,460,172	\$14,466,103	\$15,514,772	\$16,607,910	\$17,747,313
Total Bal. / (Def.) of Funds	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Unrestricted	\$18,351,995	\$15,009,339	\$9,784,905	\$9,746,390	\$9,756,832	\$11,109,113	\$12,530,627	\$14,954,520	\$17,439,840	\$19,985,062	\$21,891,970
<i>Target</i>	<i>\$43,434,631</i>	<i>\$44,752,751</i>	<i>\$45,308,650</i>	<i>\$40,085,927</i>	<i>\$31,637,143</i>	<i>\$29,614,661</i>	<i>\$30,453,135</i>	<i>\$31,478,946</i>	<i>\$32,834,720</i>	<i>\$34,113,371</i>	<i>\$35,483,403</i>
Total Restricted	\$16,629,509	\$16,098,796	\$15,643,812	\$14,989,898	\$14,995,078	\$15,415,828	\$14,680,436	\$13,680,708	\$12,658,136	\$11,603,890	\$10,505,195
<i>Target</i>	<i>\$5,168,515</i>	<i>\$7,679,860</i>	<i>\$10,242,513</i>	<i>\$11,247,915</i>	<i>\$12,714,819</i>	<i>\$15,407,336</i>	<i>\$14,494,617</i>	<i>\$13,509,535</i>	<i>\$12,506,576</i>	<i>\$11,445,206</i>	<i>\$10,343,503</i>

Tahoe-Truckee Sanitary Agency
Wastewater Rate Study
Escalation Factors
Exhibit 2

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Revenues												
Customer Growth	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
Property Tax	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Misc. Revenues	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Expenses												
Salaries	Budget	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Benefits	Budget	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Benefits - Medical	Budget	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
Benefits - Retirement	Budget	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Materials & Supplies	Budget	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Equipment	Budget	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Miscellaneous	Budget	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Utilities	Budget	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Flat	Budget	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Insurance	Budget	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Chemicals	Budget	10.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
General Expenses	Budget	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Interest	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
New Debt Service												
Low Interest Loans												
Term in Years	20	20	20	20	20	20	20	20	20	20	20	20
Rate	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
Revenue Bond												
Term in Years	20	20	20	20	20	20	20	20	20	20	20	20
Rate	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Revenues												
<i>Rate Revenues</i>												
NTPUD	\$2,232,002	\$2,243,162	\$2,254,378	\$2,265,650	\$2,276,978	\$2,288,363	\$2,299,805	\$2,311,304	\$2,322,860	\$2,334,475	\$2,346,147	Exhibit 7
TCPUD	3,041,629	3,056,837	3,072,121	3,087,482	3,102,919	3,118,434	3,134,026	3,149,696	3,165,444	3,181,272	3,197,178	Exhibit 7
ASCWD	279,179	280,575	281,978	283,388	284,805	286,229	287,660	289,098	290,544	291,996	293,456	Exhibit 7
OVSPD	993,100	998,065	1,003,055	1,008,071	1,013,111	1,018,177	1,023,267	1,028,384	1,033,526	1,038,693	1,043,887	Exhibit 7
TSD	5,424,941	5,452,066	5,479,326	5,506,723	5,534,256	5,561,928	5,589,737	5,617,686	5,645,774	5,674,003	5,702,373	Exhibit 7
NCSA	863,665	867,983	872,323	876,684	881,068	885,473	889,901	894,350	898,822	903,316	907,833	Exhibit 7
Total Rate Revenues	\$12,834,515	\$12,898,688	\$12,963,181	\$13,027,997	\$13,093,137	\$13,158,603	\$13,224,396	\$13,290,518	\$13,356,971	\$13,423,755	\$13,490,874	
<i>Other Revenues</i>												
Ad Valorem Taxes	\$4,445,000	\$4,578,350	\$4,715,701	\$4,857,172	\$5,002,887	\$5,152,973	\$5,307,562	\$5,466,789	\$5,630,793	\$5,799,717	\$5,973,708	As Property Tax
Temporary Discharge Permits	25,000	25,250	25,503	25,758	26,015	26,275	26,538	26,803	27,071	27,342	27,616	As Misc. Revenues
Interest	45,000	175,541	147,144	143,681	143,760	152,625	156,055	163,176	170,490	177,945	181,986	Calculated
Other Revenue	65,000	65,650	66,307	66,970	67,639	68,316	68,999	69,689	70,386	71,090	71,800	As Misc. Revenues
Total Other Revenues	\$4,580,000	\$4,844,791	\$4,954,653	\$5,093,580	\$5,240,301	\$5,400,189	\$5,559,155	\$5,726,458	\$5,898,740	\$6,076,093	\$6,255,110	
Total Revenues	\$17,414,515	\$17,743,479	\$17,917,835	\$18,121,577	\$18,333,438	\$18,558,792	\$18,783,551	\$19,016,976	\$19,255,711	\$19,499,849	\$19,745,984	



	Proposed	Projected										Notes
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Finance & Admin												
Salaries And Wages	\$1,196,000	\$1,231,880	\$1,268,836	\$1,306,901	\$1,346,109	\$1,386,492	\$1,428,087	\$1,470,929	\$1,515,057	\$1,560,509	\$1,607,324	As Salaries
Bond Expense	3,000	3,060	3,121	3,184	3,247	3,312	3,378	3,446	3,515	3,585	3,657	As Miscellaneous
CalPERS Pepra Retirement	43,000	44,720	46,509	48,369	50,304	52,316	54,409	56,585	58,848	61,202	63,651	As Benefits - Retirement
CalPERS Classic Retirement	134,000	139,360	144,934	150,732	156,761	163,031	169,553	176,335	183,388	190,724	198,353	As Benefits - Retirement
Worker's Comp	23,000	23,805	24,638	25,501	26,393	27,317	28,273	29,262	30,287	31,347	32,444	As Benefits
Medicare	18,000	18,810	19,656	20,541	21,465	22,431	23,441	24,496	25,598	26,750	27,953	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	9,000	9,315	9,641	9,978	10,328	10,689	11,063	11,451	11,851	12,266	12,695	As Benefits
Health Insurance	214,000	223,630	233,693	244,210	255,199	266,683	278,684	291,224	304,330	318,024	332,335	As Benefits - Medical
Director Health Insurance	46,000	48,070	50,233	52,494	54,856	57,324	59,904	62,600	65,417	68,360	71,437	As Benefits - Medical
Retiree Health Insurance	90,000	94,050	98,282	102,705	107,327	112,156	117,203	122,478	127,989	133,749	139,767	As Benefits - Medical
Dental Insurance	20,000	20,900	21,841	22,823	23,850	24,924	26,045	27,217	28,442	29,722	31,059	As Benefits - Medical
HRA	34,000	35,360	36,774	38,245	39,775	41,366	43,021	44,742	46,531	48,393	50,328	As Benefits - Retirement
Director Dental Insurance	5,000	5,225	5,460	5,706	5,963	6,231	6,511	6,804	7,111	7,430	7,765	As Benefits - Medical
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	3,000	3,105	3,214	3,326	3,443	3,563	3,688	3,817	3,950	4,089	4,232	As Benefits
Employee Misc.	4,000	4,140	4,285	4,435	4,590	4,751	4,917	5,089	5,267	5,452	5,642	As Benefits
Annual UAL Payment	1,303,500	1,408,916	1,520,178	1,589,917	1,641,278	1,706,929	1,775,206	1,846,215	1,920,063	1,996,866	2,076,740	As Benefits - Retirement
Directors Fees	9,500	9,785	10,079	10,381	10,692	11,013	11,343	11,684	12,034	12,395	12,767	As Salaries
Insurance	336,000	347,760	359,932	372,529	385,568	399,063	413,030	427,486	442,448	457,934	473,961	As Insurance
Staff Certifications	2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929	2,988	3,047	As Miscellaneous
Staff Memberships	3,500	3,570	3,641	3,714	3,789	3,864	3,942	4,020	4,101	4,183	4,266	As Miscellaneous
Agency Memberships	29,000	29,580	30,172	30,775	31,391	32,018	32,659	33,312	33,978	34,658	35,351	As Miscellaneous
Bank Fees	15,000	15,300	15,606	15,918	16,236	16,561	16,892	17,230	17,575	17,926	18,285	As Miscellaneous
Supplies	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	19,002	19,572	20,159	As Materials & Supplies
Furniture	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
It Hardware	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
It Software	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	19,002	19,572	20,159	As Materials & Supplies
Advertising	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Breakroom Supplies	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Postage/Shipping	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
Copier/Fax/Ink Expenses	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
Books/Subscriptions	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Manager Luncheon	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Board Meeting Supplies	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262	3,360	As Materials & Supplies
Staff Luncheons/Appreciation	15,000	15,300	15,606	15,918	16,236	16,561	16,892	17,230	17,575	17,926	18,285	As Miscellaneous
Invoice Processing	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
County Services	154,000	158,620	163,379	168,280	173,328	178,528	183,884	189,401	195,083	200,935	206,963	As Salaries
General Office	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
Uniforms	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Accounting & Billing Support	68,000	70,040	72,141	74,305	76,535	78,831	81,196	83,631	86,140	88,725	91,386	As Salaries
Financial Auditor	33,000	33,990	35,010	36,060	37,142	38,256	39,404	40,586	41,803	43,058	44,349	As Salaries
Financial/Rate Studies	50,000	0	0	0	0	60,250	0	0	0	0	72,601	As Salaries
Legal - Bsk	100,000	103,000	106,090	109,273	112,551	115,927	119,405	122,987	126,677	130,477	134,392	As Salaries
Legal - Wpr	200,000	206,000	212,180	218,545	225,102	231,855	238,810	245,975	253,354	260,955	268,783	As Salaries
Legal - Misc.	30,000	30,900	31,827	32,782	33,765	34,778	35,822	36,896	38,003	39,143	40,317	As Salaries
Conference	17,000	17,340	17,687	18,041	18,401	18,769	19,145	19,528	19,918	20,317	20,723	As Miscellaneous
Training	6,000	6,120	6,242	6,367	6,495	6,624	6,757	6,892	7,030	7,171	7,314	As Miscellaneous
Conference (Hr)	7,000	7,140	7,283	7,428	7,577	7,729	7,883	8,041	8,202	8,366	8,533	As Miscellaneous
Training (Hr)	2,000	2,040	2,081	2,122	2,165	2,208	2,252	2,297	2,343	2,390	2,438	As Miscellaneous
Conference (Gm)	5,000	5,100	5,202	5,306	5,412	5,520	5,631	5,743	5,858	5,975	6,095	As Miscellaneous
Training (Bc)	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Wellness Program (Hr)	6,000	6,210	6,427	6,652	6,885	7,126	7,376	7,634	7,901	8,177	8,464	As Benefits
Heating Fuel	6,500	6,760	7,030	7,312	7,604	7,908	8,225	8,554	8,896	9,252	9,622	As Utilities
Electricity	104,000	108,160	112,486	116,986	121,665	126,532	131,593	136,857	142,331	148,024	153,945	As Utilities
Water	500	520	541	562	585	608	633	658	684	712	740	As Utilities
Natural Gas	9,000	9,360	9,734	10,124	10,529	10,950	11,388	11,843	12,317	12,810	13,322	As Utilities
Telephone	9,000	9,360	9,734	10,124	10,529	10,950	11,388	11,843	12,317	12,810	13,322	As Utilities
Total Finance & Admin	\$4,438,000	\$4,596,076	\$4,813,524	\$4,993,102	\$5,158,082	\$5,401,518	\$5,531,135	\$5,727,933	\$5,931,920	\$6,143,366	\$6,435,151	

	<i>Proposed</i>		<i>Projected</i>									<i>Notes</i>
	<i>FY 2023</i>	<i>FY 2024</i>	<i>FY 2025</i>	<i>FY 2026</i>	<i>FY 2027</i>	<i>FY 2028</i>	<i>FY 2029</i>	<i>FY 2030</i>	<i>FY 2031</i>	<i>FY 2032</i>	<i>FY 2033</i>	
Engineering												
Salaries And Wages	\$680,000	\$700,400	\$721,412	\$743,054	\$765,346	\$788,306	\$811,956	\$836,314	\$861,404	\$887,246	\$913,863	As Salaries
CalPERS Pepra Retirement	21,000	21,840	22,714	23,622	24,567	25,550	26,572	27,635	28,740	29,890	31,085	As Benefits - Retirement
CalPERS Classic Retirement	83,000	86,320	89,773	93,364	97,098	100,982	105,021	109,222	113,591	118,135	122,860	As Benefits - Retirement
Worker's Comp	8,500	8,798	9,105	9,424	9,754	10,095	10,449	10,814	11,193	11,585	11,990	As Benefits
Medicare	9,000	9,405	9,828	10,270	10,733	11,216	11,720	12,248	12,799	13,375	13,977	As Benefits - Medical
Life Insurance	5,500	5,748	6,006	6,276	6,559	6,854	7,162	7,485	7,822	8,174	8,541	As Benefits - Medical
Health Insurance	110,000	114,950	120,123	125,528	131,177	137,080	143,249	149,695	156,431	163,470	170,827	As Benefits - Medical
Retiree Health Insurance	35,000	36,575	38,221	39,941	41,738	43,616	45,579	47,630	49,774	52,013	54,354	As Benefits - Medical
Dental Insurance	7,500	7,838	8,190	8,559	8,944	9,346	9,767	10,206	10,666	11,146	11,647	As Benefits - Medical
HRA	15,000	15,600	16,224	16,873	17,548	18,250	18,980	19,739	20,529	21,350	22,204	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	1,000	1,035	1,071	1,109	1,148	1,188	1,229	1,272	1,317	1,363	1,411	As Benefits
Staff Certifications	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Memberships	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Furniture	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
It Hardware	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
It Software	17,000	17,510	18,035	18,576	19,134	19,708	20,299	20,908	21,535	22,181	22,847	As Materials & Supplies
Advertising	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Books/Subscriptions	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
Facilities Maintenance	195,000	200,850	206,876	213,082	219,474	226,058	232,840	239,825	247,020	254,431	262,064	As Materials & Supplies
Mechanical Maintenance	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Uniforms	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Testing	7,500	7,650	7,803	7,959	8,118	8,281	8,446	8,615	8,787	8,963	9,142	As Miscellaneous
Engineering	275,000	283,250	291,748	300,500	309,515	318,800	328,364	338,215	348,362	358,813	369,577	As Salaries
Conference	6,000	6,120	6,242	6,367	6,495	6,624	6,757	6,892	7,030	7,171	7,314	As Miscellaneous
Training	4,000	4,080	4,162	4,245	4,330	4,416	4,505	4,595	4,687	4,780	4,876	As Miscellaneous
Telephone	1,500	1,560	1,622	1,687	1,755	1,825	1,898	1,974	2,053	2,135	2,220	As Utilities
Consumable Supplies	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Non-Consumable Equipment	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Warehouse Stock	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Total Engineering	\$1,490,000	\$1,538,270	\$1,588,147	\$1,639,687	\$1,692,946	\$1,747,984	\$1,804,863	\$1,863,645	\$1,924,396	\$1,987,185	\$2,052,083	

	<i>Proposed</i>		<i>Projected</i>									<i>Notes</i>
	<i>FY 2023</i>	<i>FY 2024</i>	<i>FY 2025</i>	<i>FY 2026</i>	<i>FY 2027</i>	<i>FY 2028</i>	<i>FY 2029</i>	<i>FY 2030</i>	<i>FY 2031</i>	<i>FY 2032</i>	<i>FY 2033</i>	
Safety												
Salaries And Wages	\$150,000	\$154,500	\$159,135	\$163,909	\$168,826	\$173,891	\$179,108	\$184,481	\$190,016	\$195,716	\$201,587	As Salaries
CalPERS Pepra Retirement	9,500	9,880	10,275	10,686	11,114	11,558	12,021	12,501	13,001	13,521	14,062	As Benefits - Retirement
Worker's Comp	3,000	3,105	3,214	3,326	3,443	3,563	3,688	3,817	3,950	4,089	4,232	As Benefits
Medicare	2,000	2,090	2,184	2,282	2,385	2,492	2,605	2,722	2,844	2,972	3,106	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	1,500	1,568	1,638	1,712	1,789	1,869	1,953	2,041	2,133	2,229	2,329	As Benefits - Medical
Health Insurance	25,000	26,125	27,301	28,529	29,813	31,155	32,557	34,022	35,553	37,152	38,824	As Benefits - Medical
Dental Insurance	2,500	2,613	2,730	2,853	2,981	3,115	3,256	3,402	3,555	3,715	3,882	As Benefits - Medical
HRA	7,000	7,280	7,571	7,874	8,189	8,517	8,857	9,212	9,580	9,963	10,362	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Staff Certifications	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Staff Memberships	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Furniture	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
It Hardware	5,500	5,665	5,835	6,010	6,190	6,376	6,567	6,764	6,967	7,176	7,392	As Materials & Supplies
It Software	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262	3,360	As Materials & Supplies
Books/Subscriptions	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
Facilities Maintenance	65,000	66,950	68,959	71,027	73,158	75,353	77,613	79,942	82,340	84,810	87,355	As Materials & Supplies
Mechanical Maintenance	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Uniforms	3,500	3,605	3,713	3,825	3,939	4,057	4,179	4,305	4,434	4,567	4,704	As Materials & Supplies
Conference	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Training	23,000	23,460	23,929	24,408	24,896	25,394	25,902	26,420	26,948	27,487	28,037	As Miscellaneous
PPE	40,000	41,200	42,436	43,709	45,020	46,371	47,762	49,195	50,671	52,191	53,757	As Materials & Supplies
Consumable Supplies	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Non-Consumable Equipment	35,000	36,400	37,856	39,370	40,945	42,583	44,286	46,058	47,900	49,816	51,809	As Equipment
Warehouse Stock	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Total Safety	\$387,000	\$399,355	\$412,118	\$425,303	\$438,924	\$452,996	\$467,535	\$482,557	\$498,078	\$514,115	\$530,687	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Operations												
Salaries And Wages	\$1,739,000	\$1,791,170	\$1,844,905	\$1,900,252	\$1,957,260	\$2,015,978	\$2,076,457	\$2,138,751	\$2,202,913	\$2,269,001	\$2,337,071	As Salaries
Calpers Pepra Retirement	54,000	56,160	58,406	60,743	63,172	65,699	68,327	71,060	73,903	76,859	79,933	As Benefits - Retirement
Calpers Classic Retirement	235,000	244,400	254,176	264,343	274,917	285,913	297,350	309,244	321,614	334,478	347,857	As Benefits - Retirement
Worker'S Comp	40,000	41,400	42,849	44,349	45,901	47,507	49,170	50,891	52,672	54,516	56,424	As Benefits
Medicare	24,000	25,080	26,209	27,388	28,620	29,908	31,254	32,661	34,130	35,666	37,271	As Benefits - Medical
Life Insurance	14,000	14,630	15,288	15,976	16,695	17,447	18,232	19,052	19,909	20,805	21,742	As Benefits - Medical
Health Insurance	350,000	365,750	382,209	399,408	417,382	436,164	455,791	476,302	497,735	520,133	543,539	As Benefits - Medical
Retiree Health Insurance	285,000	297,825	311,227	325,232	339,868	355,162	371,144	387,846	405,299	423,537	442,596	As Benefits - Medical
Dental Insurance	27,000	28,215	29,485	30,811	32,198	33,647	35,161	36,743	38,397	40,125	41,930	As Benefits - Medical
Hra	50,000	52,000	54,080	56,243	58,493	60,833	63,266	65,797	68,428	71,166	74,012	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	1,500	1,553	1,607	1,663	1,721	1,782	1,844	1,908	1,975	2,044	2,116	As Benefits
Employee Misc.	4,500	4,658	4,821	4,989	5,164	5,345	5,532	5,725	5,926	6,133	6,348	As Benefits
Staff Certifications	3,500	3,570	3,641	3,714	3,789	3,864	3,942	4,020	4,101	4,183	4,266	As Miscellaneous
Staff Memberships	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Permits & Licenses	190,000	193,800	197,676	201,630	205,662	209,775	213,971	218,250	222,615	227,068	231,609	As Miscellaneous
Furniture	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
It Hardware	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063	As Materials & Supplies
It Software	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	13,048	13,439	As Materials & Supplies
Advertising	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	2,688	As Materials & Supplies
Books/Subscriptions	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Uniforms	9,000	9,270	9,548	9,835	10,130	10,433	10,746	11,069	11,401	11,743	12,095	As Materials & Supplies
Leases	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Sludge Disposal	299,500	329,450	342,628	356,333	370,586	385,410	400,826	416,859	433,534	450,875	468,910	As Chemicals
Chemicals-Hydrated Lime	335,000	368,500	383,240	398,570	414,512	431,093	448,337	466,270	484,921	504,318	524,490	As Chemicals
Chemicals-Liquid Chlorine	165,000	181,500	188,760	196,310	204,163	212,329	220,823	229,655	238,842	248,395	258,331	As Chemicals
Chemicals-Sodium Hydroxide	60,000	66,000	68,640	71,386	74,241	77,211	80,299	83,511	86,851	90,326	93,939	As Chemicals
Chemicals-Hydrochloric Acid	20,000	22,000	22,880	23,795	24,747	25,737	26,766	27,837	28,950	30,109	31,313	As Chemicals
Chemicals-Liquid Co2	8,000	8,800	9,152	9,518	9,899	10,295	10,707	11,135	11,580	12,043	12,525	As Chemicals
Chemicals-Liquid O2	220,000	242,000	251,680	261,747	272,217	283,106	294,430	306,207	318,455	331,194	344,441	As Chemicals
Chemicals-Ferric Chloride	85,000	93,500	97,240	101,130	105,175	109,382	113,757	118,307	123,040	127,961	133,080	As Chemicals
Chemicals-Methanol	400,000	440,000	457,600	475,904	494,940	514,738	535,327	556,740	579,010	602,170	626,257	As Chemicals
Chemicals-Polymer	135,000	148,500	154,440	160,618	167,042	173,724	180,673	187,900	195,416	203,233	211,362	As Chemicals
Chemicals-Boiler Chemical	20,000	22,000	22,880	23,795	24,747	25,737	26,766	27,837	28,950	30,109	31,313	As Chemicals
Chemicals-Ammonia Analyzers	7,500	8,250	8,580	8,923	9,280	9,651	10,037	10,439	10,856	11,291	11,742	As Chemicals
Chemicals-Miscellaneous	16,000	17,600	18,304	19,036	19,798	20,590	21,413	22,270	23,160	24,087	25,050	As Chemicals
Conference	3,000	3,060	3,121	3,184	3,247	3,312	3,378	3,446	3,515	3,585	3,657	As Miscellaneous
Training	6,000	6,120	6,242	6,367	6,495	6,624	6,757	6,892	7,030	7,171	7,314	As Miscellaneous
Heating Fuel	60,000	62,400	64,896	67,492	70,192	72,999	75,919	78,956	82,114	85,399	88,815	As Utilities
Electricity	1,000,000	1,040,000	1,081,600	1,124,864	1,169,859	1,216,653	1,265,319	1,315,932	1,368,569	1,423,312	1,480,244	As Utilities
Water	1,500	1,560	1,622	1,687	1,755	1,825	1,898	1,974	2,053	2,135	2,220	As Utilities
Natural Gas	70,000	72,800	75,712	78,740	81,890	85,166	88,572	92,115	95,800	99,632	103,617	As Utilities
Telephone	40,000	41,600	43,264	44,995	46,794	48,666	50,613	52,637	54,743	56,932	59,210	As Utilities
Bnr-Miscellaneous	2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929	2,988	3,047	As Miscellaneous
Filtration-Miscellaneous	8,000	8,160	8,323	8,490	8,659	8,833	9,009	9,189	9,373	9,561	9,752	As Miscellaneous
Digestion-Miscellaneous	25,000	25,500	26,010	26,530	27,061	27,602	28,154	28,717	29,291	29,877	30,475	As Miscellaneous
Lime System-Miscellaneous	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
All Facility Purpose-Tools	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Equipment
All Facility Purpose-Small Equipment	5,000	5,200	5,408	5,624	5,849	6,083	6,327	6,580	6,843	7,117	7,401	As Equipment
All Facility Purpose-Hoses	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
All Facility Purpose-Miscellaneous	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Chemical Facilities-Mechanical	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063	As Materials & Supplies
Chemical Facilities-Miscellaneous	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Warehouse Stock	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Total Operations	\$6,056,500	\$6,385,653	\$6,621,230	\$6,865,739	\$7,119,525	\$7,382,947	\$7,656,379	\$7,940,210	\$8,234,843	\$8,540,698	\$8,858,212	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Laboratory												
Salaries And Wages	\$469,000	\$483,070	\$497,562	\$512,489	\$527,864	\$543,700	\$560,011	\$576,811	\$594,115	\$611,939	\$630,297	As Salaries
CalPERS Classic Retirement	105,000	108,150	111,395	114,736	118,178	121,724	125,375	129,137	133,011	137,001	141,111	As Salaries
Worker'S Comp	11,000	11,385	11,783	12,196	12,623	13,065	13,522	13,995	14,485	14,992	15,517	As Benefits
Medicare	7,000	7,315	7,644	7,988	8,348	8,723	9,116	9,526	9,955	10,403	10,871	As Benefits - Medical
Sdi	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	5,000	5,225	5,460	5,706	5,963	6,231	6,511	6,804	7,111	7,430	7,765	As Benefits - Medical
Health Insurance	115,000	120,175	125,583	131,234	137,140	143,311	149,760	156,499	163,542	170,901	178,591	As Benefits - Medical
Retiree Health Insurance	45,000	47,025	49,141	51,352	53,663	56,078	58,602	61,239	63,995	66,874	69,884	As Benefits - Medical
Dental Insurance	9,000	9,405	9,828	10,270	10,733	11,216	11,720	12,248	12,799	13,375	13,977	As Benefits - Medical
Hra	9,000	9,360	9,734	10,124	10,529	10,950	11,388	11,843	12,317	12,810	13,322	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Certifications	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Staff Memberships	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Permits & Licenses	12,000	12,240	12,485	12,734	12,989	13,249	13,514	13,784	14,060	14,341	14,628	As Miscellaneous
Furniture	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
It Hardware	3,500	3,605	3,713	3,825	3,939	4,057	4,179	4,305	4,434	4,567	4,704	As Materials & Supplies
It Software	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063	As Materials & Supplies
Books/Subscriptions	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Janitorial	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Mechanical Maintenance	8,500	8,755	9,018	9,288	9,567	9,854	10,149	10,454	10,768	11,091	11,423	As Materials & Supplies
Uniforms	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	2,688	As Materials & Supplies
Leases	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Outsource Testing Location 1	37,000	37,740	38,495	39,265	40,050	40,851	41,668	42,501	43,351	44,218	45,103	As Miscellaneous
Outsource Testing Location 2	3,500	3,570	3,641	3,714	3,789	3,864	3,942	4,020	4,101	4,183	4,266	As Miscellaneous
Outsource Testing Location 3	4,500	4,590	4,682	4,775	4,871	4,968	5,068	5,169	5,272	5,378	5,485	As Miscellaneous
Conference	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Training	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Main Lab-Equipment	13,000	13,520	14,061	14,623	15,208	15,816	16,449	17,107	17,791	18,503	19,243	As Equipment
Main Lab-Supplies	29,000	29,870	30,766	31,689	32,640	33,619	34,628	35,666	36,736	37,838	38,974	As Materials & Supplies
Main Lab-Chemicals	26,000	28,600	29,744	30,934	32,171	33,458	34,796	36,188	37,636	39,141	40,707	As Chemicals
Main Lab-Miscellaneous	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Satellite Labs-Equipment	2,500	2,600	2,704	2,812	2,925	3,042	3,163	3,290	3,421	3,558	3,701	As Equipment
Satellite Labs-Supplies	5,500	5,665	5,835	6,010	6,190	6,376	6,567	6,764	6,967	7,176	7,392	As Materials & Supplies
Satellite Labs-Chemicals	5,500	6,050	6,292	6,544	6,805	7,078	7,361	7,655	7,961	8,280	8,611	As Chemicals
Tkn/Ammonia-Supplies	1,500	1,545	1,591	1,639	1,688	1,739	1,791	1,845	1,900	1,957	2,016	As Materials & Supplies
Tkn/Ammonia-Chemicals	1,000	1,100	1,144	1,190	1,237	1,287	1,338	1,392	1,448	1,505	1,566	As Chemicals
Toc-Equipment	1,500	1,560	1,622	1,687	1,755	1,825	1,898	1,974	2,053	2,135	2,220	As Equipment
Toc-Supplies	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Anions-Equipment	4,000	4,160	4,326	4,499	4,679	4,867	5,061	5,264	5,474	5,693	5,921	As Equipment
Anions-Supplies	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Anions-Chemicals	1,000	1,100	1,144	1,190	1,237	1,287	1,338	1,392	1,448	1,505	1,566	As Chemicals
Di System-Supplies	3,500	3,605	3,713	3,825	3,939	4,057	4,179	4,305	4,434	4,567	4,704	As Materials & Supplies
Drinking Water Testing-Supplies	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Pt Study (Proficiency Testing)	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Field Sampling-Equipment	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Equipment
PPE	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Warehouse Stock	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Total Laboratory	\$976,000	\$1,010,095	\$1,043,361	\$1,077,771	\$1,113,365	\$1,150,187	\$1,188,279	\$1,227,689	\$1,268,463	\$1,310,651	\$1,354,304	

	Proposed	Projected										Notes
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Maintenance												
Salaries And Wages	\$1,099,000	\$1,131,970	\$1,165,929	\$1,200,907	\$1,236,934	\$1,274,042	\$1,312,263	\$1,351,631	\$1,392,180	\$1,433,946	\$1,476,964	As Salaries
CalPERS Pepra Retirement	30,000	31,200	32,448	33,746	35,096	36,500	37,960	39,478	41,057	42,699	44,407	As Benefits - Retirement
CalPERS Classic Retirement	160,000	166,400	173,056	179,978	187,177	194,664	202,451	210,549	218,971	227,730	236,839	As Benefits - Retirement
Worker'S Comp	28,000	28,980	29,994	31,044	32,131	33,255	34,419	35,624	36,871	38,161	39,497	As Benefits
Medicare	16,000	16,720	17,472	18,259	19,080	19,939	20,836	21,774	22,754	23,778	24,848	As Benefits - Medical
Life Insurance	8,000	8,360	8,736	9,129	9,540	9,969	10,418	10,887	11,377	11,889	12,424	As Benefits - Medical
Health Insurance	260,000	271,700	283,927	296,703	310,055	324,007	338,588	353,824	369,746	386,385	403,772	As Benefits - Medical
Retiree Health Insurance	229,000	239,305	250,074	261,327	273,087	285,376	298,218	311,637	325,661	340,316	355,630	As Benefits - Medical
Dental Insurance	27,000	28,215	29,485	30,811	32,198	33,647	35,161	36,743	38,397	40,125	41,930	As Benefits - Medical
HRA	38,000	39,520	41,101	42,745	44,455	46,233	48,082	50,005	52,006	54,086	56,249	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	1,500	1,553	1,607	1,663	1,721	1,782	1,844	1,908	1,975	2,044	2,116	As Benefits
Employee Misc.	4,500	4,590	4,682	4,775	4,871	4,968	5,068	5,169	5,272	5,378	5,485	As Miscellaneous
Gasoline/Diesel	25,000	26,000	27,040	28,122	29,246	30,416	31,633	32,898	34,214	35,583	37,006	As Utilities
Vhcl-01	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-06	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-07	10,000	10,400	10,816	11,249	11,699	12,167	12,653	13,159	13,686	14,233	14,802	As Equipment
Vhcl-08	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-09	2,000	2,080	2,163	2,250	2,340	2,433	2,531	2,632	2,737	2,847	2,960	As Equipment
Vhcl-10	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhcl-11	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhcl-13	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-17	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-20	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-21	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Equipment
Vhcl-22	10,000	10,400	10,816	11,249	11,699	12,167	12,653	13,159	13,686	14,233	14,802	As Equipment
Vhcl-25	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhcl-26	2,000	2,080	2,163	2,250	2,340	2,433	2,531	2,632	2,737	2,847	2,960	As Equipment
Vhct-06	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-07	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-09	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-10	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-11	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-12	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-26	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vheq-02	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Equipment
Vheq-06	5,000	5,200	5,408	5,624	5,849	6,083	6,327	6,580	6,843	7,117	7,401	As Equipment
Vheq-09	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vheq-10	10,000	10,400	10,816	11,249	11,699	12,167	12,653	13,159	13,686	14,233	14,802	As Equipment
Vheq-23	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vheq-24	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vheq-26 Polaris	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vheq-49 Warehouse Forklift	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vehicle Miscellaneous	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Staff Certifications	2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929	2,988	3,047	As Miscellaneous
Staff Memberships	3,000	3,060	3,121	3,184	3,247	3,312	3,378	3,446	3,515	3,585	3,657	As Miscellaneous
Permits & Licenses	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Supplies	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Furniture	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
IT Hardware	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
IT Software	71,000	73,130	75,324	77,584	79,911	82,308	84,778	87,321	89,941	92,639	95,418	As Materials & Supplies
Copier/Fax/Ink Expenses	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262	3,360	As Materials & Supplies
Books/Subscriptions	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Janitorial	50,000	51,500	53,045	54,636	56,275	57,964	59,703	61,494	63,339	65,239	67,196	As Materials & Supplies
Facilities Maintenance	106,500	109,695	112,986	116,375	119,867	123,463	127,167	130,982	134,911	138,958	143,127	As Materials & Supplies
Mechanical Maintenance	35,000	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037	As Materials & Supplies
Uniforms	7,000	7,210	7,426	7,649	7,879	8,115	8,358	8,609	8,867	9,133	9,407	As Materials & Supplies
Leases	2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929	2,988	3,047	As Miscellaneous
Material Waste Disposal	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Conference	4,000	4,080	4,162	4,245	4,330	4,416	4,505	4,595	4,687	4,780	4,876	As Miscellaneous
Training	9,000	9,180	9,364	9,551	9,742	9,937	10,135	10,338	10,545	10,756	10,971	As Miscellaneous
Tuition Reimbursement	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Telephone	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Utilities
Flocculation-Mechanical	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	25,335	26,095	26,878	As Materials & Supplies
Bnr Influent Pumping-Mechanical	25,000	25,750	26,523	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	As Materials & Supplies
Bnr-Mechanical	30,000	30,900	31,827	32,782	33,765	34,778	35,822	36,896	38,003	39,143	40,317	As Materials & Supplies
Digestion-Mechanical	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	13,048	13,439	As Materials & Supplies
Dewatering-Mechanical	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
General Buildings And Grounds-Structure	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	25,335	26,095	26,878	As Materials & Supplies
General Buildings And Grounds-Mechanical	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
All Facility Purpose-Tools	25,000	25,750	26,523	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	As Materials & Supplies
All Facility Purpose-Oil/Lubricants	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
All Facility Purpose-Bicycles	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
All Facility Purpose-Facility Carts	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
All Facility Purpose-Small Equipment	3,500	3,640	3,786	3,937	4,095	4,258	4,429	4,606	4,790	4,982	5,181	As Equipment
All Facility Purpose-Security	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262	3,360	As Materials & Supplies
All Facility Purpose-Janitorial Supplies	7,000	7,210	7,426	7,649	7,879	8,115	8,358	8,609	8,867	9,133	9,407	As Materials & Supplies
All Facility Purpose-Paint Supplies	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
All Facility Purpose-Miscellaneous	5,000	5,100	5,202	5,306	5,412	5,520	5,631	5,743	5,858	5,975	6,095	As Miscellaneous
Tri-Mechanical	110,000	113,300	116,699	120,200	123,806	127,520	131,346	135,286	139,345	143,525	147,831	As Materials & Supplies
Warehouse Stock	353,000	363,590	374,498	385,733	397,305	409,224	421,500	434,145	447,170	460		

	<i>Proposed</i>		<i>Projected</i>									<i>Notes</i>
	<i>FY 2023</i>	<i>FY 2024</i>	<i>FY 2025</i>	<i>FY 2026</i>	<i>FY 2027</i>	<i>FY 2028</i>	<i>FY 2029</i>	<i>FY 2030</i>	<i>FY 2031</i>	<i>FY 2032</i>	<i>FY 2033</i>	
Electrical & Instrumentation												
Salaries And Wages	\$520,000	\$535,600	\$551,668	\$568,218	\$585,265	\$602,823	\$620,907	\$639,534	\$658,720	\$678,482	\$698,837	As Salaries
CalPERS Pepra Retirement	28,000	29,120	30,285	31,496	32,756	34,066	35,429	36,846	38,320	39,853	41,447	As Benefits - Retirement
CalPERS Classic Retirement	35,000	36,400	37,856	39,370	40,945	42,583	44,286	46,058	47,900	49,816	51,809	As Benefits - Retirement
Worker's Comp	12,000	12,420	12,855	13,305	13,770	14,252	14,751	15,267	15,802	16,355	16,927	As Benefits
Medicare	8,000	8,360	8,736	9,129	9,540	9,969	10,418	10,887	11,377	11,889	12,424	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	5,000	5,225	5,460	5,706	5,963	6,231	6,511	6,804	7,111	7,430	7,765	As Benefits - Medical
Health Insurance	80,000	83,600	87,362	91,293	95,401	99,695	104,181	108,869	113,768	118,888	124,238	As Benefits - Medical
Retiree Health Insurance	67,000	70,015	73,166	76,458	79,899	83,494	87,251	91,178	95,281	99,568	104,049	As Benefits - Medical
Dental Insurance	6,000	6,270	6,552	6,847	7,155	7,477	7,814	8,165	8,533	8,917	9,318	As Benefits - Medical
HRA	8,000	8,320	8,653	8,999	9,359	9,733	10,123	10,527	10,949	11,386	11,842	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Vhcl-20	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Staff Certifications	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Memberships	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Furniture	4,500	4,635	4,774	4,917	5,065	5,217	5,373	5,534	5,700	5,871	6,048	As Materials & Supplies
It Hardware	5,500	5,665	5,835	6,010	6,190	6,376	6,567	6,764	6,967	7,176	7,392	As Materials & Supplies
It Software	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Books/Subscriptions	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Uniforms	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Leases	12,000	12,240	12,485	12,734	12,989	13,249	13,514	13,784	14,060	14,341	14,628	As Miscellaneous
Electrical Maintenance	31,500	32,445	33,418	34,421	35,454	36,517	37,613	38,741	39,903	41,100	42,333	As Materials & Supplies
Conference	2,000	2,040	2,081	2,122	2,165	2,208	2,252	2,297	2,343	2,390	2,438	As Miscellaneous
Training	10,000	10,200	10,404	10,612	10,824	11,041	11,262	11,487	11,717	11,951	12,190	As Miscellaneous
Telephone	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Utilities
General Buildings And Grounds-Mechanical	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
All Facility Purpose-Tools	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
All Facility Purpose-Radios	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Warehouse Stock	140,000	144,200	148,526	152,982	157,571	162,298	167,167	172,182	177,348	182,668	188,148	As Materials & Supplies
Total Electrical & Instrumentation	\$1,002,000	\$1,035,090	\$1,069,311	\$1,104,704	\$1,141,309	\$1,179,170	\$1,218,333	\$1,258,842	\$1,300,747	\$1,344,097	\$1,388,943	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>	
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033		
Information Technology													
Salaries And Wages	\$255,000	\$262,650	\$270,530	\$278,645	\$287,005	\$295,615	\$304,483	\$313,618	\$323,026	\$332,717	\$342,699	As Salaries	
CalPERS Classic Retirement	57,000	59,280	61,651	64,117	66,682	69,349	72,123	75,008	78,008	81,129	84,374	As Benefits - Retirement	
Worker'S Comp	7,000	7,245	7,499	7,761	8,033	8,314	8,605	8,906	9,218	9,540	9,874	As Benefits	
Medicare	7,000	7,315	7,644	7,988	8,348	8,723	9,116	9,526	9,955	10,403	10,871	As Benefits - Medical	
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits	
Life Insurance	3,000	3,135	3,276	3,423	3,578	3,739	3,907	4,083	4,266	4,458	4,659	As Benefits - Medical	
Health Insurance	33,000	34,485	36,037	37,658	39,353	41,124	42,975	44,908	46,929	49,041	51,248	As Benefits - Medical	
Retiree Health Insurance	13,000	13,585	14,196	14,835	15,503	16,200	16,929	17,691	18,487	19,319	20,189	As Benefits - Medical	
Dental Insurance	3,000	3,135	3,276	3,423	3,578	3,739	3,907	4,083	4,266	4,458	4,659	As Benefits - Medical	
HRA	8,000	8,320	8,653	8,999	9,359	9,733	10,123	10,527	10,949	11,386	11,842	As Benefits - Retirement	
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical	
Staff Certifications	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous	
Staff Memberships	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous	
Furniture	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies	
It Hardware	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	2,688	As Materials & Supplies	
It Software	63,000	64,890	66,837	68,842	70,907	73,034	75,225	77,482	79,807	82,201	84,667	As Materials & Supplies	
Copier/Fax/Ink Expenses	6,500	6,695	6,896	7,103	7,316	7,535	7,761	7,994	8,234	8,481	8,735	As Materials & Supplies	
Uniforms	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies	
Contractual Services	78,000	80,340	82,750	85,233	87,790	90,423	93,136	95,930	98,808	101,772	104,825	As Salaries	
Training	10,000	10,200	10,404	10,612	10,824	11,041	11,262	11,487	11,717	11,951	12,190	As Miscellaneous	
Telephone	2,000	2,080	2,163	2,250	2,340	2,433	2,531	2,632	2,737	2,847	2,960	As Utilities	
All Facility Purpose-Tools	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies	
All Facility Purpose-It Scada	35,000	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037	As Materials & Supplies	
All Facility Purpose-It Equipment	35,000	36,400	37,856	39,370	40,945	42,583	44,286	46,058	47,900	49,816	51,809	As Equipment	
All Facility Purpose-It Computers	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	13,048	13,439	As Materials & Supplies	
All Facility Purpose-Security	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies	
Total Information Technology	\$645,000	\$666,190	\$688,096	\$710,742	\$734,155	\$758,361	\$783,389	\$809,265	\$836,021	\$863,688	\$892,296		

	<i>Proposed</i>		<i>Projected</i>									<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Warehouse												
Salaries And Wages	\$86,000	\$88,580	\$91,237	\$93,975	\$96,794	\$99,698	\$102,688	\$105,769	\$108,942	\$112,210	\$115,577	As Salaries
CalPERS Pepra Retirement	7,000	7,280	7,571	7,874	8,189	8,517	8,857	9,212	9,580	9,963	10,362	As Benefits - Retirement
Worker's Comp	4,000	4,140	4,285	4,435	4,590	4,751	4,917	5,089	5,267	5,452	5,642	As Benefits
Medicare	3,000	3,135	3,276	3,423	3,578	3,739	3,907	4,083	4,266	4,458	4,659	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	2,000	2,090	2,184	2,282	2,385	2,492	2,605	2,722	2,844	2,972	3,106	As Benefits - Medical
Health Insurance	25,000	26,125	27,301	28,529	29,813	31,155	32,557	34,022	35,553	37,152	38,824	As Benefits - Medical
Dental Insurance	3,000	3,135	3,276	3,423	3,578	3,739	3,907	4,083	4,266	4,458	4,659	As Benefits - Medical
HRA	8,000	8,320	8,653	8,999	9,359	9,733	10,123	10,527	10,949	11,386	11,842	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Staff Certifications	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Memberships	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Furniture	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
Uniforms	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
Conference	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
General Buildings And Grounds-Structure	10,000	10,200	10,404	10,612	10,824	11,041	11,262	11,487	11,717	11,951	12,190	As Miscellaneous
Warehouse Supplies - Misc	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063	As Materials & Supplies
Total Warehouse	\$159,000	\$164,325	\$169,837	\$175,542	\$181,448	\$187,562	\$193,892	\$200,445	\$207,231	\$214,257	\$221,532	
Additional O&M												
Staffing Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	As Salaries
Total Additional O&M	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total O&M Expenses	\$18,084,500	\$18,825,104	\$19,538,187	\$20,231,252	\$20,928,236	\$21,722,880	\$22,423,624	\$23,212,210	\$24,029,417	\$24,876,315	\$25,826,615	
Rate Funded Capital	\$0	\$1,650,000	\$4,810,000	\$4,700,000	\$5,470,000	\$5,500,000	\$5,600,000	\$5,700,000	\$5,800,000	\$5,850,000	\$5,825,000	\$3,215,987 FY 2021 Dep. Exp.

	<i>Proposed</i>		<i>Projected</i>									<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Debt Service												
2020 WWTP Rev Ref Bond	\$2,425,000	\$2,550,000	\$2,680,000	\$2,815,000	\$2,960,000	\$0	\$0	\$0	\$0	\$0	\$0	Debt Schedule
Assumed Revenue Bond (Fund 2)	0	0	269,067	476,632	572,416	876,077	1,106,706	1,333,490	1,575,650	1,833,185	1,875,467	Calc'd @ 4.5% for 20 yrs
Assumed Revenue Bond (Fund 6)	0	(0)	443,023	1,798,051	2,129,009	2,129,009	2,129,009	2,129,009	2,129,009	2,129,009	2,129,009	Calc'd @ 4.5% for 20 yrs
Additional Long-Term Debt	0	0	0	0	0	0	0	0	0	0	0	Calc'd @ 4.5% for 20 yrs
<i>Total Debt Service</i>	\$2,425,000	\$2,550,000	\$3,392,089	\$5,089,683	\$5,661,426	\$3,005,087	\$3,235,715	\$3,462,500	\$3,704,659	\$3,962,195	\$4,004,476	
<i>LESS: Other Funding</i>												
Connection Fees	\$1,775,100	\$1,866,600	\$1,961,760	\$2,060,580	\$2,166,720	\$0	\$0	\$0	\$0	\$0	\$0	
Net Debt Service	\$649,900	\$683,400	\$1,430,329	\$3,029,103	\$3,494,706	\$3,005,087	\$3,235,715	\$3,462,500	\$3,704,659	\$3,962,195	\$4,004,476	
Reserve Funding												
To / (From) General Fund	(\$1,319,885)	\$3,128	(\$79,857)	(\$38,514)	\$10,441	\$826,144	\$984,384	\$1,108,369	\$1,236,406	\$1,419,249	\$1,837,206	
To / (From) Wastewater Capital Reserve Fund (Fund 2)	0	0	0	0	0	0	0	0	0	0	0	
To / (From) Replace, Rehab, and Upgrade Fund (Fund 6)	0	0	0	0	0	0	0	0	0	0	0	
To / (From) Emergency & Contingency Reserve Fund	0	0	0	0	0	0	0	0	0	0	0	
Total Reserve Funding	(\$1,319,885)	\$3,128	(\$79,857)	(\$38,514)	\$10,441	\$826,144	\$984,384	\$1,108,369	\$1,236,406	\$1,419,249	\$1,837,206	
Total Revenue Requirement	\$17,414,515	\$21,161,631	\$25,698,660	\$27,921,841	\$29,903,383	\$31,054,111	\$32,243,723	\$33,483,078	\$34,770,483	\$36,107,759	\$37,493,298	
Bal. / (Def.) of Funds	\$0	(\$3,418,152)	(\$7,780,826)	(\$9,800,264)	(\$11,569,945)	(\$12,495,319)	(\$13,460,172)	(\$14,466,103)	(\$15,514,772)	(\$16,607,910)	(\$17,747,313)	
Balance a % of Rate Adj. Req'd	0.0%	26.5%	60.0%	75.2%	88.4%	95.0%	101.8%	108.8%	116.2%	123.7%	131.6%	
Proposed Rate Adjustment	0.0%	26.5%	26.5%	9.5%	7.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	
<i>Months of Adjustment</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	
Add'l Revenue with Rate Adj.	\$0	\$3,418,152	\$7,780,826	\$9,800,264	\$11,569,945	\$12,495,319	\$13,460,172	\$14,466,103	\$15,514,772	\$16,607,910	\$17,747,313	
Bal. / (Def.) After Rate Adj.	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Add'l Rate Adj. Req'd	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Annual Residential Customer Bill												
Customer Bill on Proposed Adjustment	\$306.00	\$387.09	\$489.67	\$536.19	\$576.40	\$596.58	\$617.46	\$639.07	\$661.43	\$684.58	\$708.54	
Bill Difference - Monthly		81.09	102.58	46.52	40.21	20.17	20.88	21.61	22.37	23.15	23.96	
Cumulative Bill Difference		81.09	183.67	230.19	270.40	290.58	311.46	333.07	355.43	378.58	402.54	
Monthly Residential Customer Bill												
Customer Bill on Proposed Adjustment	\$25.50	\$32.26	\$40.81	\$44.68	\$48.03	\$49.71	\$51.45	\$53.26	\$55.12	\$57.05	\$59.05	
Bill Difference - Monthly		6.76	8.55	3.88	3.35	1.68	1.74	1.80	1.86	1.93	2.00	
Cumulative Bill Difference		6.76	15.31	19.18	22.53	24.21	25.95	27.76	29.62	31.55	33.55	
Debt Service Coverage Ratio (all debt)												
Before Rate Adjustment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
After Proposed Rate Adjustment	0.00	0.92	1.82	1.51	1.59	3.11	3.03	2.97	2.90	2.83	2.91	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Reserve Funds												
Beginning Reserve Balance	\$39,947,489	\$34,981,504	\$31,108,135	\$25,428,716	\$24,736,288	\$24,751,910	\$26,524,941	\$27,211,063	\$28,635,227	\$30,097,976	\$31,588,952	
General Fund												
Beginning Balance	\$10,805,720	\$9,485,835	\$9,488,963	\$5,784,904	\$5,746,390	\$5,756,831	\$6,582,976	\$7,567,359	\$8,675,728	\$9,912,135	\$11,331,383	
Plus: Additions	0	3,128	0	0	10,441	826,144	984,384	1,108,369	1,236,406	1,419,249	1,837,206	
Ending Fund Balance	0	(0)	0	0	0	0	0	0	0	0	0	
Less: Uses of Funds	(1,319,885)	0	(3,704,059)	(38,514)	0	0	0	0	0	0	0	
Ending Balance	\$9,485,835	\$9,488,963	\$5,784,904	\$5,746,390	\$5,756,831	\$6,582,976	\$7,567,359	\$8,675,728	\$9,912,135	\$11,331,383	\$13,168,589	
Target: 60% of O&M + UAL	\$11,372,100	\$11,858,629	\$12,330,984	\$12,774,718	\$13,213,453	\$13,716,500	\$14,164,257	\$14,665,812	\$15,185,676	\$15,724,535	\$16,326,665	
Wastewater Capital Reserve Fund (Fund 2)												
Beginning Balance	\$16,964,929	\$16,629,509	\$16,098,796	\$15,643,812	\$14,989,898	\$14,995,078	\$15,415,828	\$14,680,436	\$13,680,708	\$12,658,136	\$11,603,890	
Plus: Additions	0	0	0	0	0	0	0	0	0	0	0	
Connection Fees	2,129,000	2,139,645	2,150,343	2,161,095	2,171,900	2,182,760	2,193,674	2,204,642	2,215,665	2,226,744	2,237,877	As Customer Growth
Less: Uses of Funds	(2,464,420)	(2,670,359)	(2,605,327)	(2,815,009)	(2,166,720)	(1,762,010)	(2,929,066)	(3,204,370)	(3,238,237)	(3,280,990)	(3,336,572)	
Ending Balance	\$16,629,509	\$16,098,796	\$15,643,812	\$14,989,898	\$14,995,078	\$15,415,828	\$14,680,436	\$13,680,708	\$12,658,136	\$11,603,890	\$10,505,195	
Target: 50% of 5-yr proj. capital	\$5,168,515	\$7,679,860	\$10,242,513	\$11,247,915	\$12,714,819	\$15,407,336	\$14,494,617	\$13,509,535	\$12,506,576	\$11,445,206	\$10,343,503	
Replace, Rehab, and Upgrade Fund (Fund 6)												
Beginning Balance	\$8,176,839	\$4,866,159	\$1,520,376	\$0	\$0	\$0	\$526,137	\$963,267	\$2,278,791	\$3,527,705	\$4,653,678	
Plus: Additions	0	0	0	0	0	526,137	437,130	1,315,524	1,248,914	1,125,973	69,703	
Balance: From Operating	0	0	0	0	0	0	0	0	0	0	0	
Less: Uses of Funds	(3,310,680)	(3,345,783)	(1,520,376)	0	0	0	0	0	0	0	0	
Ending Balance	\$4,866,159	\$1,520,376	\$0	\$0	\$0	\$526,137	\$963,267	\$2,278,791	\$3,527,705	\$4,653,678	\$4,723,381	
Target: 50% of 5-yr proj. capital	\$28,062,531	\$28,894,122	\$28,977,666	\$23,311,209	\$14,423,691	\$11,898,161	\$12,288,878	\$12,813,134	\$13,649,044	\$14,388,835	\$15,156,738	
Emergency & Contingency Reserve Fund												
Beginning Balance	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	
Plus: Additions	0	0	0	0	0	0	0	0	0	0	0	
Balance: From Operating	0	0	0	0	0	0	0	0	0	0	0	
Less: Uses of Funds	0	0	0	0	0	0	0	0	0	0	0	
Ending Balance	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	
Target: \$4 Million	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	
Ending Reserve Balance	\$34,981,504	\$31,108,135	\$25,428,716	\$24,736,288	\$24,751,910	\$26,524,941	\$27,211,063	\$28,635,227	\$30,097,976	\$31,588,952	\$32,397,166	
Total Unrestricted	\$18,351,995	\$15,009,339	\$9,784,905	\$9,746,390	\$9,756,832	\$11,109,113	\$12,530,627	\$14,954,520	\$17,439,840	\$19,985,062	\$21,891,970	
Target	\$43,434,631	\$44,752,751	\$45,308,650	\$40,085,927	\$31,637,143	\$29,614,661	\$30,453,135	\$31,478,946	\$32,834,720	\$34,113,371	\$35,483,403	
Total Restricted	\$16,629,509	\$16,098,796	\$15,643,812	\$14,989,898	\$14,995,078	\$15,415,828	\$14,680,436	\$13,680,708	\$12,658,136	\$11,603,890	\$10,505,195	
Target	\$5,168,515	\$7,679,860	\$10,242,513	\$11,247,915	\$12,714,819	\$15,407,336	\$14,494,617	\$13,509,535	\$12,506,576	\$11,445,206	\$10,343,503	

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	Total	Notes
Capital Reserve Funded													
Equipment/Vehicle Warehouse	\$0	\$0	\$2,488,896	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,488,896	
Control Room Upgrades #02 & #13 - HVAC	0	0	0	0	0	0	0	0	0	0	0	0	
Gravity Main between MH 57 and MH 62	0	0	0	0	0	0	0	0	0	0	1,042,553	5,624,276	50% RRU
Gravity Main between MH 71 and MH 72	0	0	0	0	0	0	0	0	0	0	0	1,566,885	50% RRU
Effluent Disposal Field Expansion Project	0	0	0	0	0	0	0	0	0	0	1,829,549	9,869,899	
WAS Thickening Improvements Project	0	0	0	0	0	0	0	0	0	0	59,591	321,477	88% RRU
Offsite Flow Equalization Improvements Project	0	0	0	0	0	0	0	0	0	0	0	19,803,156	
WASSTRIP Implementation	0	0	0	0	0	951,949	988,123	1,025,672	1,064,648	1,105,104	0	5,135,497	
Nitrified Effluent Recycle Pilot	0	0	49,778	422,750	0	0	0	0	0	0	0	472,528	
Flow Equalization Improvements Project	0	0	0	0	0	0	0	0	0	0	461,743	2,490,974	
Biogas Storage Project	0	0	0	0	0	0	0	0	0	0	0	5,229,241	
Flowmeter Improvements	75,000	0	0	0	0	0	0	0	0	0	0	75,000	
Manlift	60,000	0	0	0	0	0	0	0	0	0	0	60,000	
BNR Structural Retrofit and Nitrified Effluent Recycle Project	0	0	0	0	0	277,150	287,682	298,613	309,961	321,739	0	1,495,145	
Disinfection Process Modernization	0	467,100	0	0	0	4,007,827	4,160,125	4,318,210	4,482,302	4,652,629	0	22,088,193	
Develop Standards	241,000	0	0	0	0	0	0	0	0	0	72,601	419,020	
Upgrade Reports	0	0	0	107,365	0	0	0	0	0	0	0	203,268	
Improve Physical Security	147,000	0	0	0	170,650	0	0	0	0	0	0	513,333	
Plant Coating Improvements	57,600	0	85,334	0	0	0	0	0	0	0	0	142,934	88% RRU
Lime Systems Improvements	0	27,403	0	0	0	0	0	0	0	0	0	27,403	88% RRU
Maintenance/E&I Shop Improvements	0	0	0	0	110,052	0	0	0	0	0	0	110,052	88% RRU
River Crossing, Gravity Main (MH 33 and MH 35)	27,720	57,021	236,492	0	0	0	0	0	0	0	0	321,234	89% RRU
River Crossing, Gravity Main (MH 65 and MH 66)	0	0	0	6,710	12,538	10,411	10,807	11,217	11,644	12,086	0	75,413	88% RRU
River Crossing, Gravity Main (MH 88 and MH 89)	0	0	0	22,368	41,792	34,704	36,023	37,392	38,812	40,287	0	251,378	60% RRU
TRI Renewal Program	0	0	0	0	0	118,210	122,702	127,365	132,205	137,229	142,443	3,447,922	88% RRU
Primary and Secondary Treatment Repairs	0	0	7,253	30,800	31,971	0	0	0	0	0	0	70,025	88% RRU
Phosphorus Removal and Recarb Rehabilitation	0	0	50,631	214,999	223,169	0	0	0	0	0	0	488,799	88% RRU
Plant Wide Electrical Improvements (Phase 1)	0	0	41,245	42,812	0	0	0	0	0	0	0	84,056	88% RRU
Plant Wide Electrical Improvements (Phase 2)	0	0	0	0	0	135,056	140,188	145,516	151,045	156,785	0	728,591	88% RRU
Plant Wide Electrical Improvements (Phase 3)	0	0	0	0	0	0	0	0	0	0	46,349	250,037	88% RRU
Plant Wide Electrical Improvements (Phase 4)	0	0	0	0	0	0	0	0	0	0	0	56,634	88% RRU
Plant Wide Electrical Improvements (Phase 5)	0	0	0	0	0	0	0	0	0	0	0	788,905	88% RRU
Grit System Improvements	0	0	0	0	0	62,467	64,841	67,305	69,862	72,517	0	336,993	88% RRU
Primary & Secondary Treatment Rehab Project	0	0	144,356	612,988	636,281	0	0	0	0	0	0	1,393,625	88% RRU
Recarbonation Improvements	0	0	0	0	0	15,617	16,210	16,826	17,466	18,129	0	84,248	88% RRU
TWAS Pump Replacement Project	0	0	0	0	19,503	0	0	0	0	0	0	19,503	88% RRU
Solids Dewatering Improvements	0	0	0	0	0	14,749	15,310	15,891	16,495	17,122	0	79,568	88% RRU
Filtration Rehabilitation Project	0	0	0	0	0	35,572	36,923	38,326	39,783	41,295	0	191,899	88% RRU
AWT Improvements	0	0	0	0	0	48,296	50,132	52,037	54,014	56,067	0	260,545	88% RRU
Odorous Air Treatment Improvements Project	0	0	0	0	0	0	0	0	0	0	0	106,461	88% RRU
MPPS Improvements Project	0	0	0	0	0	0	0	0	0	0	89,212	481,275	88% RRU
Misc Plant Rehab Project	0	0	0	0	0	0	0	0	0	0	142,531	768,912	88% RRU
Plant Air System Upgrades	0	0	121,600	114,746	0	0	0	0	0	0	0	236,347	88% RRU
Digestion Improvements Project	81,000	252,234	917,982	1,878,890	0	0	0	0	0	0	0	3,130,106	88% RRU
Total Capital Reserve Funded	\$689,320	\$803,759	\$4,143,567	\$3,454,429	\$1,245,955	\$5,712,010	\$5,929,066	\$6,154,370	\$6,388,237	\$6,630,990	\$3,886,572	\$91,789,651	

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	Total	Notes
Replace, Rehab, and Upgrade Funded													
River Crossing, Gravity Main (MH 33 and MH 35)	\$224,280	\$461,356	\$1,913,439	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,599,075	89% RRU
River Crossing, Gravity Main (MH 65 and MH 66)	0	0	0	49,209	91,942	76,349	79,250	82,262	85,387	88,632	0	553,031	88% RRU
River Crossing, Gravity Main (MH 88 and MH 89)	0	0	0	33,552	62,688	52,056	54,034	56,087	58,219	60,431	0	377,067	60% RRU
TRI Renewal Program	0	0	0	0	0	866,876	899,818	934,011	969,503	1,006,344	1,044,585	25,284,760	88% RRU
Visible Reinforcement Study	105,000	0	0	0	0	15,665	16,260	16,878	17,520	18,185	0	189,508	
2022 TRI Improvements Project	0	0	0	0	0	0	0	0	0	0	0	0	
Plant Coating Improvements	422,400	0	625,779	0	0	0	0	0	0	0	0	1,048,179	88% RRU
Lab Equipment Replacements	80,000	30,448	63,210	0	0	0	0	0	0	0	0	173,658	
Lime Systems Improvements	0	200,957	0	0	0	0	0	0	0	0	0	200,957	88% RRU
Chlorine Scrubber Improvements	1,150,000	0	0	0	0	0	0	0	0	0	0	1,150,000	
Translucent Panel Rehab	0	0	71,111	0	0	0	0	0	0	0	0	71,111	
Centrifuge Rebuild	50,000	0	0	0	0	0	0	0	0	0	0	50,000	
Communications Network Replacement	0	0	248,890	0	0	0	0	0	0	0	0	248,890	
Odorous Air Biofilter Media Replacement	0	0	0	55,919	0	0	0	0	0	0	0	55,919	
Control Room Upgrades #02 and #13	185,000	0	0	0	0	0	0	0	0	0	0	185,000	
Maintenance/E&I Shop Improvements	0	0	0	0	807,048	0	0	0	0	0	0	807,048	88% RRU
Plant-wide NFPA 820 Compliance Evaluation	0	125,598	0	0	0	0	0	0	0	0	0	125,598	
Chemical Storage and Feed System Improvements	0	0	0	0	0	84,350	87,555	90,882	94,336	97,921	0	455,044	
Primary and Secondary Treatment Repairs	0	0	53,191	225,869	234,452	0	0	0	0	0	0	513,513	88% RRU
Phosphorus Removal and Recarb Rehabilitation	0	0	371,296	1,576,657	1,636,570	0	0	0	0	0	0	3,584,523	88% RRU
Plant Wide Electrical Improvements (Phase 1)	0	0	302,460	313,954	0	0	0	0	0	0	0	616,414	88% RRU
Harmonic Filter Replacement For Area 71	0	148,434	0	0	0	0	0	0	0	0	0	148,434	
Plant Wide Electrical Improvements (Phase 2)	0	0	0	0	0	990,413	1,028,049	1,067,115	1,107,665	1,149,756	0	5,342,997	88% RRU
Condition Assessment and Inspection	0	148,434	0	0	0	0	0	0	0	0	0	148,434	
Plant Wide Electrical Improvements (Phase 3)	0	0	0	0	0	0	0	0	0	0	339,890	1,833,608	88% RRU
Digestion Improvements Project	594,000	1,849,716	6,731,870	13,778,526	0	0	0	0	0	0	0	22,954,112	88% RRU
Plant Wide Electrical Improvements (Phase 4)	0	0	0	0	0	0	0	0	0	0	0	415,319	88% RRU
Plant Wide Electrical Improvements (Phase 5)	0	0	0	0	0	0	0	0	0	0	0	5,785,304	88% RRU
2-Water System Improvements	0	39,963	170,667	0	0	0	0	0	0	0	0	210,630	
Grit System Improvements	0	0	0	0	0	458,093	475,500	493,569	512,325	531,793	0	2,471,279	88% RRU
LEL Equipment Replacement	0	0	379,260	0	0	0	0	0	0	0	0	379,260	
Primary & Secondary Treatment Rehab Project	0	0	1,058,610	4,495,244	4,666,063	0	0	0	0	0	0	10,219,918	88% RRU
Recarbonation Improvements	0	0	0	0	0	114,523	118,875	123,392	128,081	132,948	0	617,820	88% RRU
TWAS Pump Replacement Project	0	0	0	0	143,021	0	0	0	0	0	0	143,021	88% RRU
Solids Dewatering Improvements	0	0	0	0	0	108,161	112,271	116,537	120,966	125,562	0	583,496	88% RRU
Filtration Rehabilitation Project	0	0	0	0	0	260,858	270,771	281,060	291,740	302,827	0	1,407,256	88% RRU
AWT Improvements	0	0	0	0	0	354,173	367,632	381,602	396,103	411,155	0	1,910,665	88% RRU
Building Roof Replacements	0	0	1,268,152	0	1,552,104	605,874	628,897	652,795	677,601	703,350	730,077	20,492,173	
Odorous Air Treatment Improvements Project	0	0	0	0	0	0	0	0	0	0	0	780,716	88% RRU
Asphalt Sealing and Replacement Project	0	0	201,482	0	0	81,940	85,054	88,286	91,641	95,123	98,738	2,591,479	
MPPS Improvements Project	0	0	0	0	0	0	0	0	0	0	654,224	3,529,351	88% RRU
Misc Plant Rehab Project	0	0	0	0	0	0	0	0	0	0	1,045,224	5,638,689	88% RRU
Plant Air System Upgrades	0	0	891,736	841,474	0	0	0	0	0	0	0	1,733,210	88% RRU
Odorous Air VFD Replacement	35,000	39,963	0	0	0	0	0	0	0	0	0	74,963	
Replace Servers	250,000	0	0	0	0	301,250	312,697	0	0	0	363,006	3,569,433	
Upgrade Networks	0	188,397	195,556	0	0	0	0	0	0	0	0	1,572,444	
Replace Pilot PLCs (4)	0	227,104	314,312	222,447	0	0	0	0	0	0	0	2,219,817	
Replace WRP PLCs (13)	0	0	421,216	397,475	412,579	428,257	444,530	0	0	0	0	4,608,738	
Replace RTUs (14)	0	0	0	162,446	168,619	175,026	181,677	0	0	0	0	1,384,573	
BNR Blower Replacement	0	28,545	0	27,960	0	0	0	0	0	0	0	56,505	
Arc Flash Study/Breaker Replacement	20,000	0	0	0	0	0	0	0	0	0	0	20,000	
Filter Press Feed Pump VFD Replacement	45,000	51,381	0	0	0	0	0	0	0	0	0	96,381	
Cake Discharge VFD Replacement	35,000	0	0	0	0	0	0	0	0	0	0	35,000	
SCADA Repeater Replacement	50,000	0	0	0	0	0	0	0	0	0	0	50,000	
Front Entry Landscape Improvements	0	856,350	404,042	0	0	0	0	0	0	0	0	1,260,392	
Telephone System Upgrade	40,000	0	0	0	0	0	0	0	0	0	0	40,000	
2-Water Valve Replacements	0	85,635	0	0	0	0	0	0	0	0	0	85,635	
VFD Replacements	0	34,254	0	33,552	0	0	0	0	0	0	0	67,806	
Gravity Main between MH 57 and MH 62	0	0	0	0	0	0	0	0	0	0	1,042,553	5,624,276	50% RRU
Gravity Main between MH 71 and MH 72	0	0	0	0	0	0	0	0	0	0	0	1,566,885	50% RRU
WAS Thickening Improvements Project	0	0	0	0	0	0	0	0	0	0	437,001	2,357,496	88% RRU
Maintenance Carts	25,000	0	31,111	0	0	0	0	0	0	0	0	56,111	
Cashman CAT Skid Steer Loader	0	78,208	0	0	0	0	0	0	0	0	0	78,208	
Cashman CAT 938M Wheel Loader w/ stand equip	0	297,240	0	0	0	0	0	0	0	0	0	297,240	
Light vehicle replacement	0	103,800	0	111,839	0	0	0	0	0	0	0	215,639	
Total Replace, Rehab, and Upgrade Funded	\$3,310,680	\$4,995,783	\$15,717,390	\$22,326,122	\$9,775,086	\$4,973,863	\$5,162,870	\$4,384,476	\$4,551,086	\$4,724,027	\$5,755,297	\$152,964,006	

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	Total	Notes
Future Capital Projects	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,100,000	
Transfer to Fund 6 Reserves	\$0	\$0	\$0	\$0	\$0	\$526,137	\$437,130	\$1,315,524	\$1,248,914	\$1,125,973	\$69,703	\$20,738,099	
Total Capital Improvement Projects	\$4,000,000	\$5,799,541	\$19,860,958	\$25,780,551	\$11,021,041	\$11,212,010	\$11,529,066	\$11,854,370	\$12,188,237	\$12,480,990	\$9,711,572	\$271,591,755	
Less: Outside Funding Sources													
General Fund	\$0	\$0	\$3,624,202	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,624,202	
Wastewater Capital Reserve Fund (Fund 2)	689,320	803,759	643,567	754,429	0	1,762,010	2,929,066	3,204,370	3,238,237	3,280,990	3,336,572	49,978,696	
Replace, Rehab, and Upgrade Fund (Fund 6)	3,310,680	3,345,783	1,520,376	0	0	0	0	0	0	0	0	8,603,881	
Emergency & Contingency Reserve Fund	0	0	0	0	0	0	0	0	0	0	0	0	
Secured Debt (SRF)	0	0	0	0	0	0	0	0	0	0	0	0	
Assumed Revenue Bond (Fund 2)	0	0	3,500,000	2,700,000	1,245,955	3,950,000	3,000,000	2,950,000	3,150,000	3,350,000	550,000	41,810,955	
Assumed Revenue Bond (Fund 6)	0	(0)	5,762,812	17,626,122	4,305,086	0	0	0	0	0	0	27,694,021	
Additional Revenue Bonds	0	0	0	0	0	0	0	0	0	0	0	0	
Total Funding Sources	\$4,000,000	\$4,149,541	\$15,050,958	\$21,080,551	\$5,551,041	\$5,712,010	\$5,929,066	\$6,154,370	\$6,388,237	\$6,630,990	\$3,886,572	\$131,711,755	
Rate Funded Capital	\$0	\$1,650,000	\$4,810,000	\$4,700,000	\$5,470,000	\$5,500,000	\$5,600,000	\$5,700,000	\$5,800,000	\$5,850,000	\$5,825,000	\$139,880,000	



**Tahoe-Truckee Sanitary Agency
Wastewater Rate Study
Revenue Requirement Summary
Exhibit 1**

	<i>Proposed</i>	<i>Projected</i>									
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033
Revenues											
Rate Revenues	\$12,834,515	\$12,898,688	\$12,963,181	\$13,027,997	\$13,093,137	\$13,158,603	\$13,224,396	\$13,290,518	\$13,356,971	\$13,423,755	\$13,490,874
Miscellaneous Revenues	4,580,000	4,847,059	4,953,043	5,091,714	5,239,308	5,400,110	5,560,031	5,728,332	5,901,658	6,080,101	6,260,257
Total Revenues	\$17,414,515	\$17,745,747	\$17,916,224	\$18,119,711	\$18,332,446	\$18,558,713	\$18,784,427	\$19,018,850	\$19,258,629	\$19,503,857	\$19,751,131
Expenses											
Total Finance & Admin	\$4,438,000	\$4,596,076	\$4,813,524	\$4,993,102	\$5,158,082	\$5,401,518	\$5,531,135	\$5,727,933	\$5,931,920	\$6,143,366	\$6,435,151
Total Engineering	1,490,000	1,538,270	1,588,147	1,639,687	1,692,946	1,747,984	1,804,863	1,863,645	1,924,396	1,987,185	2,052,083
Total Safety	387,000	399,355	412,118	425,303	438,924	452,996	467,535	482,557	498,078	514,115	530,687
Total Operations	6,056,500	6,385,653	6,621,230	6,865,739	7,119,525	7,382,947	7,656,379	7,940,210	8,234,843	8,540,698	8,858,212
Total Laboratory	976,000	1,010,095	1,043,361	1,077,771	1,113,365	1,150,187	1,188,279	1,227,689	1,268,463	1,310,651	1,354,304
Total Maintenance	2,931,000	3,030,050	3,132,563	3,238,663	3,348,482	3,462,154	3,579,820	3,701,624	3,827,718	3,958,259	4,093,408
Total Electrical & Instrumentation	1,002,000	1,035,090	1,069,311	1,104,704	1,141,309	1,179,170	1,218,333	1,258,842	1,300,747	1,344,097	1,388,943
Total Information Technology	645,000	666,190	688,096	710,742	734,155	758,361	783,389	809,265	836,021	863,688	892,296
Total Warehouse	159,000	164,325	169,837	175,542	181,448	187,562	193,892	200,445	207,231	214,257	221,532
Total Additional O&M	0	0	0	0	0	0	0	0	0	0	0
Total O&M Expenses	\$18,084,500	\$18,825,104	\$19,538,187	\$20,231,252	\$20,928,236	\$21,722,880	\$22,423,624	\$23,212,210	\$24,029,417	\$24,876,315	\$25,826,615
Rate Funded Capital	\$0	\$1,650,000	\$4,810,000	\$4,700,000	\$5,470,000	\$5,500,000	\$5,600,000	\$5,700,000	\$5,800,000	\$5,850,000	\$5,825,000
Net Debt Service	649,900	683,400	1,430,329	3,029,103	3,494,706	3,005,087	3,235,715	3,462,500	3,704,659	3,962,195	4,004,476
Reserve Funding	(1,319,885)	456,850	(855,693)	(89,612)	185,190	1,008,867	1,175,406	1,308,028	1,445,055	1,637,252	2,064,946
Total Revenue Requirement	\$17,414,515	\$21,615,354	\$24,922,824	\$27,870,744	\$30,078,132	\$31,236,834	\$32,434,745	\$33,682,738	\$34,979,132	\$36,325,762	\$37,721,037
Bal. / (Def.) of Funds	\$0	(\$3,869,606)	(\$7,006,600)	(\$9,751,033)	(\$11,745,686)	(\$12,678,120)	(\$13,650,318)	(\$14,663,887)	(\$15,720,503)	(\$16,821,906)	(\$17,969,906)
Proposed Rate Adjustment	0.0%	30.0%	18.5%	13.5%	8.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Add'l Revenue with Rate Adj.	\$0	\$3,869,606	\$7,006,600	\$9,751,033	\$11,745,686	\$12,678,120	\$13,650,318	\$14,663,887	\$15,720,503	\$16,821,906	\$17,969,906
Total Bal. / (Def.) of Funds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Unrestricted	\$18,351,995	\$15,463,062	\$9,462,791	\$9,373,179	\$9,558,369	\$11,093,373	\$12,705,909	\$15,329,462	\$18,023,431	\$20,786,656	\$22,921,305
<i>Target</i>	<i>\$43,434,631</i>	<i>\$44,752,751</i>	<i>\$45,308,650</i>	<i>\$40,085,927</i>	<i>\$31,637,143</i>	<i>\$29,614,661</i>	<i>\$30,453,135</i>	<i>\$31,478,946</i>	<i>\$32,834,720</i>	<i>\$34,113,371</i>	<i>\$35,483,403</i>
Total Restricted	\$16,629,509	\$16,098,796	\$15,643,812	\$14,989,898	\$14,995,078	\$15,415,828	\$14,680,436	\$13,680,708	\$12,658,136	\$11,603,890	\$10,505,195
<i>Target</i>	<i>\$5,168,515</i>	<i>\$7,679,860</i>	<i>\$10,242,513</i>	<i>\$11,247,915</i>	<i>\$12,714,819</i>	<i>\$15,407,336</i>	<i>\$14,494,617</i>	<i>\$13,509,535</i>	<i>\$12,506,576</i>	<i>\$11,445,206</i>	<i>\$10,343,503</i>

Tahoe-Truckee Sanitary Agency
Wastewater Rate Study
Escalation Factors
Exhibit 2

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Revenues												
Customer Growth	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
Property Tax	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Misc. Revenues	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Expenses												
Salaries	Budget	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Benefits	Budget	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Benefits - Medical	Budget	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
Benefits - Retirement	Budget	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Materials & Supplies	Budget	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Equipment	Budget	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Miscellaneous	Budget	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Utilities	Budget	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Flat	Budget	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Insurance	Budget	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Chemicals	Budget	10.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
General Expenses	Budget	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Interest	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
New Debt Service												
Low Interest Loans												
Term in Years	20	20	20	20	20	20	20	20	20	20	20	20
Rate	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
Revenue Bond												
Term in Years	20	20	20	20	20	20	20	20	20	20	20	20
Rate	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Revenues												
<i>Rate Revenues</i>												
NTPUD	\$2,232,002	\$2,243,162	\$2,254,378	\$2,265,650	\$2,276,978	\$2,288,363	\$2,299,805	\$2,311,304	\$2,322,860	\$2,334,475	\$2,346,147	Exhibit 7
TCPUD	3,041,629	3,056,837	3,072,121	3,087,482	3,102,919	3,118,434	3,134,026	3,149,696	3,165,444	3,181,272	3,197,178	Exhibit 7
ASCWD	279,179	280,575	281,978	283,388	284,805	286,229	287,660	289,098	290,544	291,996	293,456	Exhibit 7
OVSPD	993,100	998,065	1,003,055	1,008,071	1,013,111	1,018,177	1,023,267	1,028,384	1,033,526	1,038,693	1,043,887	Exhibit 7
TSD	5,424,941	5,452,066	5,479,326	5,506,723	5,534,256	5,561,928	5,589,737	5,617,686	5,645,774	5,674,003	5,702,373	Exhibit 7
NCS D	863,665	867,983	872,323	876,684	881,068	885,473	889,901	894,350	898,822	903,316	907,833	Exhibit 7
Total Rate Revenues	\$12,834,515	\$12,898,688	\$12,963,181	\$13,027,997	\$13,093,137	\$13,158,603	\$13,224,396	\$13,290,518	\$13,356,971	\$13,423,755	\$13,490,874	
<i>Other Revenues</i>												
Ad Valorem Taxes	\$4,445,000	\$4,578,350	\$4,715,701	\$4,857,172	\$5,002,887	\$5,152,973	\$5,307,562	\$5,466,789	\$5,630,793	\$5,799,717	\$5,973,708	As Property Tax
Temporary Discharge Permits	25,000	25,250	25,503	25,758	26,015	26,275	26,538	26,803	27,071	27,342	27,616	As Misc. Revenues
Interest	45,000	177,809	145,533	141,815	142,767	152,546	156,932	165,051	173,408	181,953	187,132	Calculated
Other Revenue	65,000	65,650	66,307	66,970	67,639	68,316	68,999	69,689	70,386	71,090	71,800	As Misc. Revenues
Total Other Revenues	\$4,580,000	\$4,847,059	\$4,953,043	\$5,091,714	\$5,239,308	\$5,400,110	\$5,560,031	\$5,728,332	\$5,901,658	\$6,080,101	\$6,260,257	
Total Revenues	\$17,414,515	\$17,745,747	\$17,916,224	\$18,119,711	\$18,332,446	\$18,558,713	\$18,784,427	\$19,018,850	\$19,258,629	\$19,503,857	\$19,751,131	

	Proposed	Projected										Notes
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Finance & Admin												
Salaries And Wages	\$1,196,000	\$1,231,880	\$1,268,836	\$1,306,901	\$1,346,109	\$1,386,492	\$1,428,087	\$1,470,929	\$1,515,057	\$1,560,509	\$1,607,324	As Salaries
Bond Expense	3,000	3,060	3,121	3,184	3,247	3,312	3,378	3,446	3,515	3,585	3,657	As Miscellaneous
CalPERS Pepra Retirement	43,000	44,720	46,509	48,369	50,304	52,316	54,409	56,585	58,848	61,202	63,651	As Benefits - Retirement
CalPERS Classic Retirement	134,000	139,360	144,934	150,732	156,761	163,031	169,553	176,335	183,388	190,724	198,353	As Benefits - Retirement
Worker's Comp	23,000	23,805	24,638	25,501	26,393	27,317	28,273	29,262	30,287	31,347	32,444	As Benefits
Medicare	18,000	18,810	19,656	20,541	21,465	22,431	23,441	24,496	25,598	26,750	27,953	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	9,000	9,315	9,641	9,978	10,328	10,689	11,063	11,451	11,851	12,266	12,695	As Benefits
Health Insurance	214,000	223,630	233,693	244,210	255,199	266,683	278,684	291,224	304,330	318,024	332,335	As Benefits - Medical
Director Health Insurance	46,000	48,070	50,233	52,494	54,856	57,324	59,904	62,600	65,417	68,360	71,437	As Benefits - Medical
Retiree Health Insurance	90,000	94,050	98,282	102,705	107,327	112,156	117,203	122,478	127,989	133,749	139,767	As Benefits - Medical
Dental Insurance	20,000	20,900	21,841	22,823	23,850	24,924	26,045	27,217	28,442	29,722	31,059	As Benefits - Medical
HRA	34,000	35,360	36,774	38,245	39,775	41,366	43,021	44,742	46,531	48,393	50,328	As Benefits - Retirement
Director Dental Insurance	5,000	5,225	5,460	5,706	5,963	6,231	6,511	6,804	7,111	7,430	7,765	As Benefits - Medical
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	3,000	3,105	3,214	3,326	3,443	3,563	3,688	3,817	3,950	4,089	4,232	As Benefits
Employee Misc.	4,000	4,140	4,285	4,435	4,590	4,751	4,917	5,089	5,267	5,452	5,642	As Benefits
Annual UAL Payment	1,303,500	1,408,916	1,520,178	1,589,917	1,641,278	1,706,929	1,775,206	1,846,215	1,920,063	1,996,866	2,076,740	As Benefits - Retirement
Directors Fees	9,500	9,785	10,079	10,381	10,692	11,013	11,343	11,684	12,034	12,395	12,767	As Salaries
Insurance	336,000	347,760	359,932	372,529	385,568	399,063	413,030	427,486	442,448	457,934	473,961	As Insurance
Staff Certifications	2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929	2,988	3,047	As Miscellaneous
Staff Memberships	3,500	3,570	3,641	3,714	3,789	3,864	3,942	4,020	4,101	4,183	4,266	As Miscellaneous
Agency Memberships	29,000	29,580	30,172	30,775	31,391	32,018	32,659	33,312	33,978	34,658	35,351	As Miscellaneous
Bank Fees	15,000	15,300	15,606	15,918	16,236	16,561	16,892	17,230	17,575	17,926	18,285	As Miscellaneous
Supplies	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	19,002	19,572	20,159	As Materials & Supplies
Furniture	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
It Hardware	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
It Software	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	19,002	19,572	20,159	As Materials & Supplies
Advertising	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Breakroom Supplies	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Postage/Shipping	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
Copier/Fax/Ink Expenses	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
Books/Subscriptions	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Manager Luncheon	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Board Meeting Supplies	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262	3,360	As Materials & Supplies
Staff Luncheons/Appreciation	15,000	15,300	15,606	15,918	16,236	16,561	16,892	17,230	17,575	17,926	18,285	As Miscellaneous
Invoice Processing	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
County Services	154,000	158,620	163,379	168,280	173,328	178,528	183,884	189,401	195,083	200,935	206,963	As Salaries
General Office	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
Uniforms	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Accounting & Billing Support	68,000	70,040	72,141	74,305	76,535	78,831	81,196	83,631	86,140	88,725	91,386	As Salaries
Financial Auditor	33,000	33,990	35,010	36,060	37,142	38,256	39,404	40,586	41,803	43,058	44,349	As Salaries
Financial/Rate Studies	50,000	0	0	0	0	60,250	0	0	0	0	72,601	As Salaries
Legal - Bsk	100,000	103,000	106,090	109,273	112,551	115,927	119,405	122,987	126,677	130,477	134,392	As Salaries
Legal - Wpr	200,000	206,000	212,180	218,545	225,102	231,855	238,810	245,975	253,354	260,955	268,783	As Salaries
Legal - Misc.	30,000	30,900	31,827	32,782	33,765	34,778	35,822	36,896	38,003	39,143	40,317	As Salaries
Conference	17,000	17,340	17,687	18,041	18,401	18,769	19,145	19,528	19,918	20,317	20,723	As Miscellaneous
Training	6,000	6,120	6,242	6,367	6,495	6,624	6,757	6,892	7,030	7,171	7,314	As Miscellaneous
Conference (Hr)	7,000	7,140	7,283	7,428	7,577	7,729	7,883	8,041	8,202	8,366	8,533	As Miscellaneous
Training (Hr)	2,000	2,040	2,081	2,122	2,165	2,208	2,252	2,297	2,343	2,390	2,438	As Miscellaneous
Conference (Gm)	5,000	5,100	5,202	5,306	5,412	5,520	5,631	5,743	5,858	5,975	6,095	As Miscellaneous
Training (Bc)	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Wellness Program (Hr)	6,000	6,210	6,427	6,652	6,885	7,126	7,376	7,634	7,901	8,177	8,464	As Benefits
Heating Fuel	6,500	6,760	7,030	7,312	7,604	7,908	8,225	8,554	8,896	9,252	9,622	As Utilities
Electricity	104,000	108,160	112,486	116,986	121,665	126,532	131,593	136,857	142,331	148,024	153,945	As Utilities
Water	500	520	541	562	585	608	633	658	684	712	740	As Utilities
Natural Gas	9,000	9,360	9,734	10,124	10,529	10,950	11,388	11,843	12,317	12,810	13,322	As Utilities
Telephone	9,000	9,360	9,734	10,124	10,529	10,950	11,388	11,843	12,317	12,810	13,322	As Utilities
Total Finance & Admin	\$4,438,000	\$4,596,076	\$4,813,524	\$4,993,102	\$5,158,082	\$5,401,518	\$5,531,135	\$5,727,933	\$5,931,920	\$6,143,366	\$6,435,151	

	<i>Proposed</i>		<i>Projected</i>									<i>Notes</i>
	<i>FY 2023</i>	<i>FY 2024</i>	<i>FY 2025</i>	<i>FY 2026</i>	<i>FY 2027</i>	<i>FY 2028</i>	<i>FY 2029</i>	<i>FY 2030</i>	<i>FY 2031</i>	<i>FY 2032</i>	<i>FY 2033</i>	
Engineering												
Salaries And Wages	\$680,000	\$700,400	\$721,412	\$743,054	\$765,346	\$788,306	\$811,956	\$836,314	\$861,404	\$887,246	\$913,863	As Salaries
CalPERS Pepra Retirement	21,000	21,840	22,714	23,622	24,567	25,550	26,572	27,635	28,740	29,890	31,085	As Benefits - Retirement
CalPERS Classic Retirement	83,000	86,320	89,773	93,364	97,098	100,982	105,021	109,222	113,591	118,135	122,860	As Benefits - Retirement
Worker's Comp	8,500	8,798	9,105	9,424	9,754	10,095	10,449	10,814	11,193	11,585	11,990	As Benefits
Medicare	9,000	9,405	9,828	10,270	10,733	11,216	11,720	12,248	12,799	13,375	13,977	As Benefits - Medical
Life Insurance	5,500	5,748	6,006	6,276	6,559	6,854	7,162	7,485	7,822	8,174	8,541	As Benefits - Medical
Health Insurance	110,000	114,950	120,123	125,528	131,177	137,080	143,249	149,695	156,431	163,470	170,827	As Benefits - Medical
Retiree Health Insurance	35,000	36,575	38,221	39,941	41,738	43,616	45,579	47,630	49,774	52,013	54,354	As Benefits - Medical
Dental Insurance	7,500	7,838	8,190	8,559	8,944	9,346	9,767	10,206	10,666	11,146	11,647	As Benefits - Medical
HRA	15,000	15,600	16,224	16,873	17,548	18,250	18,980	19,739	20,529	21,350	22,204	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	1,000	1,035	1,071	1,109	1,148	1,188	1,229	1,272	1,317	1,363	1,411	As Benefits
Staff Certifications	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Memberships	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Furniture	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
It Hardware	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
It Software	17,000	17,510	18,035	18,576	19,134	19,708	20,299	20,908	21,535	22,181	22,847	As Materials & Supplies
Advertising	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Books/Subscriptions	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
Facilities Maintenance	195,000	200,850	206,876	213,082	219,474	226,058	232,840	239,825	247,020	254,431	262,064	As Materials & Supplies
Mechanical Maintenance	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Uniforms	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Testing	7,500	7,650	7,803	7,959	8,118	8,281	8,446	8,615	8,787	8,963	9,142	As Miscellaneous
Engineering	275,000	283,250	291,748	300,500	309,515	318,800	328,364	338,215	348,362	358,813	369,577	As Salaries
Conference	6,000	6,120	6,242	6,367	6,495	6,624	6,757	6,892	7,030	7,171	7,314	As Miscellaneous
Training	4,000	4,080	4,162	4,245	4,330	4,416	4,505	4,595	4,687	4,780	4,876	As Miscellaneous
Telephone	1,500	1,560	1,622	1,687	1,755	1,825	1,898	1,974	2,053	2,135	2,220	As Utilities
Consumable Supplies	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Non-Consumable Equipment	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Warehouse Stock	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Total Engineering	\$1,490,000	\$1,538,270	\$1,588,147	\$1,639,687	\$1,692,946	\$1,747,984	\$1,804,863	\$1,863,645	\$1,924,396	\$1,987,185	\$2,052,083	

	<i>Proposed</i>		<i>Projected</i>									<i>Notes</i>
	<i>FY 2023</i>	<i>FY 2024</i>	<i>FY 2025</i>	<i>FY 2026</i>	<i>FY 2027</i>	<i>FY 2028</i>	<i>FY 2029</i>	<i>FY 2030</i>	<i>FY 2031</i>	<i>FY 2032</i>	<i>FY 2033</i>	
Safety												
Salaries And Wages	\$150,000	\$154,500	\$159,135	\$163,909	\$168,826	\$173,891	\$179,108	\$184,481	\$190,016	\$195,716	\$201,587	As Salaries
CalPERS Pepra Retirement	9,500	9,880	10,275	10,686	11,114	11,558	12,021	12,501	13,001	13,521	14,062	As Benefits - Retirement
Worker's Comp	3,000	3,105	3,214	3,326	3,443	3,563	3,688	3,817	3,950	4,089	4,232	As Benefits
Medicare	2,000	2,090	2,184	2,282	2,385	2,492	2,605	2,722	2,844	2,972	3,106	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	1,500	1,568	1,638	1,712	1,789	1,869	1,953	2,041	2,133	2,229	2,329	As Benefits - Medical
Health Insurance	25,000	26,125	27,301	28,529	29,813	31,155	32,557	34,022	35,553	37,152	38,824	As Benefits - Medical
Dental Insurance	2,500	2,613	2,730	2,853	2,981	3,115	3,256	3,402	3,555	3,715	3,882	As Benefits - Medical
HRA	7,000	7,280	7,571	7,874	8,189	8,517	8,857	9,212	9,580	9,963	10,362	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Staff Certifications	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Staff Memberships	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Furniture	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
It Hardware	5,500	5,665	5,835	6,010	6,190	6,376	6,567	6,764	6,967	7,176	7,392	As Materials & Supplies
It Software	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262	3,360	As Materials & Supplies
Books/Subscriptions	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
Facilities Maintenance	65,000	66,950	68,959	71,027	73,158	75,353	77,613	79,942	82,340	84,810	87,355	As Materials & Supplies
Mechanical Maintenance	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Uniforms	3,500	3,605	3,713	3,825	3,939	4,057	4,179	4,305	4,434	4,567	4,704	As Materials & Supplies
Conference	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Training	23,000	23,460	23,929	24,408	24,896	25,394	25,902	26,420	26,948	27,487	28,037	As Miscellaneous
PPE	40,000	41,200	42,436	43,709	45,020	46,371	47,762	49,195	50,671	52,191	53,757	As Materials & Supplies
Consumable Supplies	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Non-Consumable Equipment	35,000	36,400	37,856	39,370	40,945	42,583	44,286	46,058	47,900	49,816	51,809	As Equipment
Warehouse Stock	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Total Safety	\$387,000	\$399,355	\$412,118	\$425,303	\$438,924	\$452,996	\$467,535	\$482,557	\$498,078	\$514,115	\$530,687	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Operations												
Salaries And Wages	\$1,739,000	\$1,791,170	\$1,844,905	\$1,900,252	\$1,957,260	\$2,015,978	\$2,076,457	\$2,138,751	\$2,202,913	\$2,269,001	\$2,337,071	As Salaries
Calpers Pepra Retirement	54,000	56,160	58,406	60,743	63,172	65,699	68,327	71,060	73,903	76,859	79,933	As Benefits - Retirement
Calpers Classic Retirement	235,000	244,400	254,176	264,343	274,917	285,913	297,350	309,244	321,614	334,478	347,857	As Benefits - Retirement
Worker'S Comp	40,000	41,400	42,849	44,349	45,901	47,507	49,170	50,891	52,672	54,516	56,424	As Benefits
Medicare	24,000	25,080	26,209	27,388	28,620	29,908	31,254	32,661	34,130	35,666	37,271	As Benefits - Medical
Life Insurance	14,000	14,630	15,288	15,976	16,695	17,447	18,232	19,052	19,909	20,805	21,742	As Benefits - Medical
Health Insurance	350,000	365,750	382,209	399,408	417,382	436,164	455,791	476,302	497,735	520,133	543,539	As Benefits - Medical
Retiree Health Insurance	285,000	297,825	311,227	325,232	339,868	355,162	371,144	387,846	405,299	423,537	442,596	As Benefits - Medical
Dental Insurance	27,000	28,215	29,485	30,811	32,198	33,647	35,161	36,743	38,397	40,125	41,930	As Benefits - Medical
Hra	50,000	52,000	54,080	56,243	58,493	60,833	63,266	65,797	68,428	71,166	74,012	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	1,500	1,553	1,607	1,663	1,721	1,782	1,844	1,908	1,975	2,044	2,116	As Benefits
Employee Misc.	4,500	4,658	4,821	4,989	5,164	5,345	5,532	5,725	5,926	6,133	6,348	As Benefits
Staff Certifications	3,500	3,570	3,641	3,714	3,789	3,864	3,942	4,020	4,101	4,183	4,266	As Miscellaneous
Staff Memberships	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Permits & Licenses	190,000	193,800	197,676	201,630	205,662	209,775	213,971	218,250	222,615	227,068	231,609	As Miscellaneous
Furniture	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
It Hardware	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063	As Materials & Supplies
It Software	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	13,048	13,439	As Materials & Supplies
Advertising	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	2,688	As Materials & Supplies
Books/Subscriptions	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Uniforms	9,000	9,270	9,548	9,835	10,130	10,433	10,746	11,069	11,401	11,743	12,095	As Materials & Supplies
Leases	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Sludge Disposal	299,500	329,450	342,628	356,333	370,586	385,410	400,826	416,859	433,534	450,875	468,910	As Chemicals
Chemicals-Hydrated Lime	335,000	368,500	383,240	398,570	414,512	431,093	448,337	466,270	484,921	504,318	524,490	As Chemicals
Chemicals-Liquid Chlorine	165,000	181,500	188,760	196,310	204,163	212,329	220,823	229,655	238,842	248,395	258,331	As Chemicals
Chemicals-Sodium Hydroxide	60,000	66,000	68,640	71,386	74,241	77,211	80,299	83,511	86,851	90,326	93,939	As Chemicals
Chemicals-Hydrochloric Acid	20,000	22,000	22,880	23,795	24,747	25,737	26,766	27,837	28,950	30,109	31,313	As Chemicals
Chemicals-Liquid Co2	8,000	8,800	9,152	9,518	9,899	10,295	10,707	11,135	11,580	12,043	12,525	As Chemicals
Chemicals-Liquid O2	220,000	242,000	251,680	261,747	272,217	283,106	294,430	306,207	318,455	331,194	344,441	As Chemicals
Chemicals-Ferric Chloride	85,000	93,500	97,240	101,130	105,175	109,382	113,757	118,307	123,040	127,961	133,080	As Chemicals
Chemicals-Methanol	400,000	440,000	457,600	475,904	494,940	514,738	535,327	556,740	579,010	602,170	626,257	As Chemicals
Chemicals-Polymer	135,000	148,500	154,440	160,618	167,042	173,724	180,673	187,900	195,416	203,233	211,362	As Chemicals
Chemicals-Boiler Chemical	20,000	22,000	22,880	23,795	24,747	25,737	26,766	27,837	28,950	30,109	31,313	As Chemicals
Chemicals-Ammonia Analyzers	7,500	8,250	8,580	8,923	9,280	9,651	10,037	10,439	10,856	11,291	11,742	As Chemicals
Chemicals-Miscellaneous	16,000	17,600	18,304	19,036	19,798	20,590	21,413	22,270	23,160	24,087	25,050	As Chemicals
Conference	3,000	3,060	3,121	3,184	3,247	3,312	3,378	3,446	3,515	3,585	3,657	As Miscellaneous
Training	6,000	6,120	6,242	6,367	6,495	6,624	6,757	6,892	7,030	7,171	7,314	As Miscellaneous
Heating Fuel	60,000	62,400	64,896	67,492	70,192	72,999	75,919	78,956	82,114	85,399	88,815	As Utilities
Electricity	1,000,000	1,040,000	1,081,600	1,124,864	1,169,859	1,216,653	1,265,319	1,315,932	1,368,569	1,423,312	1,480,244	As Utilities
Water	1,500	1,560	1,622	1,687	1,755	1,825	1,898	1,974	2,053	2,135	2,220	As Utilities
Natural Gas	70,000	72,800	75,712	78,740	81,890	85,166	88,572	92,115	95,800	99,632	103,617	As Utilities
Telephone	40,000	41,600	43,264	44,995	46,794	48,666	50,613	52,637	54,743	56,932	59,210	As Utilities
Bnr-Miscellaneous	2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929	2,988	3,047	As Miscellaneous
Filtration-Miscellaneous	8,000	8,160	8,323	8,490	8,659	8,833	9,009	9,189	9,373	9,561	9,752	As Miscellaneous
Digestion-Miscellaneous	25,000	25,500	26,010	26,530	27,061	27,602	28,154	28,717	29,291	29,877	30,475	As Miscellaneous
Lime System-Miscellaneous	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
All Facility Purpose-Tools	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Equipment
All Facility Purpose-Small Equipment	5,000	5,200	5,408	5,624	5,849	6,083	6,327	6,580	6,843	7,117	7,401	As Equipment
All Facility Purpose-Hoses	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
All Facility Purpose-Miscellaneous	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Chemical Facilities-Mechanical	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063	As Materials & Supplies
Chemical Facilities-Miscellaneous	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Warehouse Stock	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Total Operations	\$6,056,500	\$6,385,653	\$6,621,230	\$6,865,739	\$7,119,525	\$7,382,947	\$7,656,379	\$7,940,210	\$8,234,843	\$8,540,698	\$8,858,212	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Laboratory												
Salaries And Wages	\$469,000	\$483,070	\$497,562	\$512,489	\$527,864	\$543,700	\$560,011	\$576,811	\$594,115	\$611,939	\$630,297	As Salaries
CalPERS Classic Retirement	105,000	108,150	111,395	114,736	118,178	121,724	125,375	129,137	133,011	137,001	141,111	As Salaries
Worker'S Comp	11,000	11,385	11,783	12,196	12,623	13,065	13,522	13,995	14,485	14,992	15,517	As Benefits
Medicare	7,000	7,315	7,644	7,988	8,348	8,723	9,116	9,526	9,955	10,403	10,871	As Benefits - Medical
Sdi	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	5,000	5,225	5,460	5,706	5,963	6,231	6,511	6,804	7,111	7,430	7,765	As Benefits - Medical
Health Insurance	115,000	120,175	125,583	131,234	137,140	143,311	149,760	156,499	163,542	170,901	178,591	As Benefits - Medical
Retiree Health Insurance	45,000	47,025	49,141	51,352	53,663	56,078	58,602	61,239	63,995	66,874	69,884	As Benefits - Medical
Dental Insurance	9,000	9,405	9,828	10,270	10,733	11,216	11,720	12,248	12,799	13,375	13,977	As Benefits - Medical
Hra	9,000	9,360	9,734	10,124	10,529	10,950	11,388	11,843	12,317	12,810	13,322	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Certifications	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Staff Memberships	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Permits & Licenses	12,000	12,240	12,485	12,734	12,989	13,249	13,514	13,784	14,060	14,341	14,628	As Miscellaneous
Furniture	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
It Hardware	3,500	3,605	3,713	3,825	3,939	4,057	4,179	4,305	4,434	4,567	4,704	As Materials & Supplies
It Software	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063	As Materials & Supplies
Books/Subscriptions	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Janitorial	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Mechanical Maintenance	8,500	8,755	9,018	9,288	9,567	9,854	10,149	10,454	10,768	11,091	11,423	As Materials & Supplies
Uniforms	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	2,688	As Materials & Supplies
Leases	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Outsource Testing Location 1	37,000	37,740	38,495	39,265	40,050	40,851	41,668	42,501	43,351	44,218	45,103	As Miscellaneous
Outsource Testing Location 2	3,500	3,570	3,641	3,714	3,789	3,864	3,942	4,020	4,101	4,183	4,266	As Miscellaneous
Outsource Testing Location 3	4,500	4,590	4,682	4,775	4,871	4,968	5,068	5,169	5,272	5,378	5,485	As Miscellaneous
Conference	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Training	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Main Lab-Equipment	13,000	13,520	14,061	14,623	15,208	15,816	16,449	17,107	17,791	18,503	19,243	As Equipment
Main Lab-Supplies	29,000	29,870	30,766	31,689	32,640	33,619	34,628	35,666	36,736	37,838	38,974	As Materials & Supplies
Main Lab-Chemicals	26,000	28,600	29,744	30,934	32,171	33,458	34,796	36,188	37,636	39,141	40,707	As Chemicals
Main Lab-Miscellaneous	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Satellite Labs-Equipment	2,500	2,600	2,704	2,812	2,925	3,042	3,163	3,290	3,421	3,558	3,701	As Equipment
Satellite Labs-Supplies	5,500	5,665	5,835	6,010	6,190	6,376	6,567	6,764	6,967	7,176	7,392	As Materials & Supplies
Satellite Labs-Chemicals	5,500	6,050	6,292	6,544	6,805	7,078	7,361	7,655	7,961	8,280	8,611	As Chemicals
Tkn/Ammonia-Supplies	1,500	1,545	1,591	1,639	1,688	1,739	1,791	1,845	1,900	1,957	2,016	As Materials & Supplies
Tkn/Ammonia-Chemicals	1,000	1,100	1,144	1,190	1,237	1,287	1,338	1,392	1,448	1,505	1,566	As Chemicals
Toc-Equipment	1,500	1,560	1,622	1,687	1,755	1,825	1,898	1,974	2,053	2,135	2,220	As Equipment
Toc-Supplies	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Anions-Equipment	4,000	4,160	4,326	4,499	4,679	4,867	5,061	5,264	5,474	5,693	5,921	As Equipment
Anions-Supplies	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Anions-Chemicals	1,000	1,100	1,144	1,190	1,237	1,287	1,338	1,392	1,448	1,505	1,566	As Chemicals
Di System-Supplies	3,500	3,605	3,713	3,825	3,939	4,057	4,179	4,305	4,434	4,567	4,704	As Materials & Supplies
Drinking Water Testing-Supplies	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Pt Study (Proficiency Testing)	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Field Sampling-Equipment	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Equipment
PPE	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Warehouse Stock	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Total Laboratory	\$976,000	\$1,010,095	\$1,043,361	\$1,077,771	\$1,113,365	\$1,150,187	\$1,188,279	\$1,227,689	\$1,268,463	\$1,310,651	\$1,354,304	

	Proposed	Projected										Notes
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Maintenance												
Salaries And Wages	\$1,099,000	\$1,131,970	\$1,165,929	\$1,200,907	\$1,236,934	\$1,274,042	\$1,312,263	\$1,351,631	\$1,392,180	\$1,433,946	\$1,476,964	As Salaries
CalPERS Pepra Retirement	30,000	31,200	32,448	33,746	35,096	36,500	37,960	39,478	41,057	42,699	44,407	As Benefits - Retirement
CalPERS Classic Retirement	160,000	166,400	173,056	179,978	187,177	194,664	202,451	210,549	218,971	227,730	236,839	As Benefits - Retirement
Worker'S Comp	28,000	28,980	29,994	31,044	32,131	33,255	34,419	35,624	36,871	38,161	39,497	As Benefits
Medicare	16,000	16,720	17,472	18,259	19,080	19,939	20,836	21,774	22,754	23,778	24,848	As Benefits - Medical
Life Insurance	8,000	8,360	8,736	9,129	9,540	9,969	10,418	10,887	11,377	11,889	12,424	As Benefits - Medical
Health Insurance	260,000	271,700	283,927	296,703	310,055	324,007	338,588	353,824	369,746	386,385	403,772	As Benefits - Medical
Retiree Health Insurance	229,000	239,305	250,074	261,327	273,087	285,376	298,218	311,637	325,661	340,316	355,630	As Benefits - Medical
Dental Insurance	27,000	28,215	29,485	30,811	32,198	33,647	35,161	36,743	38,397	40,125	41,930	As Benefits - Medical
HRA	38,000	39,520	41,101	42,745	44,455	46,233	48,082	50,005	52,006	54,086	56,249	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	1,500	1,553	1,607	1,663	1,721	1,782	1,844	1,908	1,975	2,044	2,116	As Benefits
Employee Misc.	4,500	4,590	4,682	4,775	4,871	4,968	5,068	5,169	5,272	5,378	5,485	As Miscellaneous
Gasoline/Diesel	25,000	26,000	27,040	28,122	29,246	30,416	31,633	32,898	34,214	35,583	37,006	As Utilities
Vhcl-01	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-06	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-07	10,000	10,400	10,816	11,249	11,699	12,167	12,653	13,159	13,686	14,233	14,802	As Equipment
Vhcl-08	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-09	2,000	2,080	2,163	2,250	2,340	2,433	2,531	2,632	2,737	2,847	2,960	As Equipment
Vhcl-10	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhcl-11	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhcl-13	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-17	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-20	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-21	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Equipment
Vhcl-22	10,000	10,400	10,816	11,249	11,699	12,167	12,653	13,159	13,686	14,233	14,802	As Equipment
Vhcl-25	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhcl-26	2,000	2,080	2,163	2,250	2,340	2,433	2,531	2,632	2,737	2,847	2,960	As Equipment
Vhct-06	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-07	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-09	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-10	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-11	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-12	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-26	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vheq-02	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Equipment
Vheq-06	5,000	5,200	5,408	5,624	5,849	6,083	6,327	6,580	6,843	7,117	7,401	As Equipment
Vheq-09	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vheq-10	10,000	10,400	10,816	11,249	11,699	12,167	12,653	13,159	13,686	14,233	14,802	As Equipment
Vheq-23	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vheq-24	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vheq-26 Polaris	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vheq-49 Warehouse Forklift	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vehicle Miscellaneous	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Staff Certifications	2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929	2,988	3,047	As Miscellaneous
Staff Memberships	3,000	3,060	3,121	3,184	3,247	3,312	3,378	3,446	3,515	3,585	3,657	As Miscellaneous
Permits & Licenses	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Supplies	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Furniture	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
IT Hardware	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
IT Software	71,000	73,130	75,324	77,584	79,911	82,308	84,778	87,321	89,941	92,639	95,418	As Materials & Supplies
Copier/Fax/Ink Expenses	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262	3,360	As Materials & Supplies
Books/Subscriptions	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Janitorial	50,000	51,500	53,045	54,636	56,275	57,964	59,703	61,494	63,339	65,239	67,196	As Materials & Supplies
Facilities Maintenance	106,500	109,695	112,986	116,375	119,867	123,463	127,167	130,982	134,911	138,958	143,127	As Materials & Supplies
Mechanical Maintenance	35,000	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037	As Materials & Supplies
Uniforms	7,000	7,210	7,426	7,649	7,879	8,115	8,358	8,609	8,867	9,133	9,407	As Materials & Supplies
Leases	2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929	2,988	3,047	As Miscellaneous
Material Waste Disposal	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Conference	4,000	4,080	4,162	4,245	4,330	4,416	4,505	4,595	4,687	4,780	4,876	As Miscellaneous
Training	9,000	9,180	9,364	9,551	9,742	9,937	10,135	10,338	10,545	10,756	10,971	As Miscellaneous
Tuition Reimbursement	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Telephone	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Utilities
Flocculation-Mechanical	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	25,335	26,095	26,878	As Materials & Supplies
Bnr Influent Pumping-Mechanical	25,000	25,750	26,523	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	As Materials & Supplies
Bnr-Mechanical	30,000	30,900	31,827	32,782	33,765	34,778	35,822	36,896	38,003	39,143	40,317	As Materials & Supplies
Digestion-Mechanical	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	13,048	13,439	As Materials & Supplies
Dewatering-Mechanical	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
General Buildings And Grounds-Structure	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	25,335	26,095	26,878	As Materials & Supplies
General Buildings And Grounds-Mechanical	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
All Facility Purpose-Tools	25,000	25,750	26,523	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	As Materials & Supplies
All Facility Purpose-Oil/Lubricants	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
All Facility Purpose-Bicycles	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
All Facility Purpose-Facility Carts	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
All Facility Purpose-Small Equipment	3,500	3,640	3,786	3,937	4,095	4,258	4,429	4,606	4,790	4,982	5,181	As Equipment
All Facility Purpose-Security	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262	3,360	As Materials & Supplies
All Facility Purpose-Janitorial Supplies	7,000	7,210	7,426	7,649	7,879	8,115	8,358	8,609	8,867	9,133	9,407	As Materials & Supplies
All Facility Purpose-Paint Supplies	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
All Facility Purpose-Miscellaneous	5,000	5,100	5,202	5,306	5,412	5,520	5,631	5,743	5,858	5,975	6,095	As Miscellaneous
Tri-Mechanical	110,000	113,300	116,699	120,200	123,806	127,520	131,346	135,286	139,345	143,525	147,831	As Materials & Supplies
Warehouse Stock	353,000	363,590	374,498	385,733	397,305	409,224	421,500	434,145	447,170			

	<i>Proposed</i>		<i>Projected</i>									<i>Notes</i>
	<i>FY 2023</i>	<i>FY 2024</i>	<i>FY 2025</i>	<i>FY 2026</i>	<i>FY 2027</i>	<i>FY 2028</i>	<i>FY 2029</i>	<i>FY 2030</i>	<i>FY 2031</i>	<i>FY 2032</i>	<i>FY 2033</i>	
Electrical & Instrumentation												
Salaries And Wages	\$520,000	\$535,600	\$551,668	\$568,218	\$585,265	\$602,823	\$620,907	\$639,534	\$658,720	\$678,482	\$698,837	As Salaries
CalPERS Pepra Retirement	28,000	29,120	30,285	31,496	32,756	34,066	35,429	36,846	38,320	39,853	41,447	As Benefits - Retirement
CalPERS Classic Retirement	35,000	36,400	37,856	39,370	40,945	42,583	44,286	46,058	47,900	49,816	51,809	As Benefits - Retirement
Worker's Comp	12,000	12,420	12,855	13,305	13,770	14,252	14,751	15,267	15,802	16,355	16,927	As Benefits
Medicare	8,000	8,360	8,736	9,129	9,540	9,969	10,418	10,887	11,377	11,889	12,424	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	5,000	5,225	5,460	5,706	5,963	6,231	6,511	6,804	7,111	7,430	7,765	As Benefits - Medical
Health Insurance	80,000	83,600	87,362	91,293	95,401	99,695	104,181	108,869	113,768	118,888	124,238	As Benefits - Medical
Retiree Health Insurance	67,000	70,015	73,166	76,458	79,899	83,494	87,251	91,178	95,281	99,568	104,049	As Benefits - Medical
Dental Insurance	6,000	6,270	6,552	6,847	7,155	7,477	7,814	8,165	8,533	8,917	9,318	As Benefits - Medical
HRA	8,000	8,320	8,653	8,999	9,359	9,733	10,123	10,527	10,949	11,386	11,842	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Vhcl-20	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Staff Certifications	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Memberships	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Furniture	4,500	4,635	4,774	4,917	5,065	5,217	5,373	5,534	5,700	5,871	6,048	As Materials & Supplies
It Hardware	5,500	5,665	5,835	6,010	6,190	6,376	6,567	6,764	6,967	7,176	7,392	As Materials & Supplies
It Software	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Books/Subscriptions	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Uniforms	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Leases	12,000	12,240	12,485	12,734	12,989	13,249	13,514	13,784	14,060	14,341	14,628	As Miscellaneous
Electrical Maintenance	31,500	32,445	33,418	34,421	35,454	36,517	37,613	38,741	39,903	41,100	42,333	As Materials & Supplies
Conference	2,000	2,040	2,081	2,122	2,165	2,208	2,252	2,297	2,343	2,390	2,438	As Miscellaneous
Training	10,000	10,200	10,404	10,612	10,824	11,041	11,262	11,487	11,717	11,951	12,190	As Miscellaneous
Telephone	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Utilities
General Buildings And Grounds-Mechanical	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
All Facility Purpose-Tools	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
All Facility Purpose-Radios	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Warehouse Stock	140,000	144,200	148,526	152,982	157,571	162,298	167,167	172,182	177,348	182,668	188,148	As Materials & Supplies
Total Electrical & Instrumentation	\$1,002,000	\$1,035,090	\$1,069,311	\$1,104,704	\$1,141,309	\$1,179,170	\$1,218,333	\$1,258,842	\$1,300,747	\$1,344,097	\$1,388,943	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Information Technology												
Salaries And Wages	\$255,000	\$262,650	\$270,530	\$278,645	\$287,005	\$295,615	\$304,483	\$313,618	\$323,026	\$332,717	\$342,699	As Salaries
CalPERS Classic Retirement	57,000	59,280	61,651	64,117	66,682	69,349	72,123	75,008	78,008	81,129	84,374	As Benefits - Retirement
Worker'S Comp	7,000	7,245	7,499	7,761	8,033	8,314	8,605	8,906	9,218	9,540	9,874	As Benefits
Medicare	7,000	7,315	7,644	7,988	8,348	8,723	9,116	9,526	9,955	10,403	10,871	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	3,000	3,135	3,276	3,423	3,578	3,739	3,907	4,083	4,266	4,458	4,659	As Benefits - Medical
Health Insurance	33,000	34,485	36,037	37,658	39,353	41,124	42,975	44,908	46,929	49,041	51,248	As Benefits - Medical
Retiree Health Insurance	13,000	13,585	14,196	14,835	15,503	16,200	16,929	17,691	18,487	19,319	20,189	As Benefits - Medical
Dental Insurance	3,000	3,135	3,276	3,423	3,578	3,739	3,907	4,083	4,266	4,458	4,659	As Benefits - Medical
HRA	8,000	8,320	8,653	8,999	9,359	9,733	10,123	10,527	10,949	11,386	11,842	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Staff Certifications	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Memberships	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Furniture	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
It Hardware	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	2,688	As Materials & Supplies
It Software	63,000	64,890	66,837	68,842	70,907	73,034	75,225	77,482	79,807	82,201	84,667	As Materials & Supplies
Copier/Fax/Ink Expenses	6,500	6,695	6,896	7,103	7,316	7,535	7,761	7,994	8,234	8,481	8,735	As Materials & Supplies
Uniforms	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Contractural Services	78,000	80,340	82,750	85,233	87,790	90,423	93,136	95,930	98,808	101,772	104,825	As Salaries
Training	10,000	10,200	10,404	10,612	10,824	11,041	11,262	11,487	11,717	11,951	12,190	As Miscellaneous
Telephone	2,000	2,080	2,163	2,250	2,340	2,433	2,531	2,632	2,737	2,847	2,960	As Utilities
All Facility Purpose-Tools	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
All Facility Purpose-It Scada	35,000	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037	As Materials & Supplies
All Facility Purpose-It Equipment	35,000	36,400	37,856	39,370	40,945	42,583	44,286	46,058	47,900	49,816	51,809	As Equipment
All Facility Purpose-It Computers	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	13,048	13,439	As Materials & Supplies
All Facility Purpose-Security	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Total Information Technology	\$645,000	\$666,190	\$688,096	\$710,742	\$734,155	\$758,361	\$783,389	\$809,265	\$836,021	\$863,688	\$892,296	

	<i>Proposed</i>		<i>Projected</i>									<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Warehouse												
Salaries And Wages	\$86,000	\$88,580	\$91,237	\$93,975	\$96,794	\$99,698	\$102,688	\$105,769	\$108,942	\$112,210	\$115,577	As Salaries
CalPERS Pepra Retirement	7,000	7,280	7,571	7,874	8,189	8,517	8,857	9,212	9,580	9,963	10,362	As Benefits - Retirement
Worker's Comp	4,000	4,140	4,285	4,435	4,590	4,751	4,917	5,089	5,267	5,452	5,642	As Benefits
Medicare	3,000	3,135	3,276	3,423	3,578	3,739	3,907	4,083	4,266	4,458	4,659	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	2,000	2,090	2,184	2,282	2,385	2,492	2,605	2,722	2,844	2,972	3,106	As Benefits - Medical
Health Insurance	25,000	26,125	27,301	28,529	29,813	31,155	32,557	34,022	35,553	37,152	38,824	As Benefits - Medical
Dental Insurance	3,000	3,135	3,276	3,423	3,578	3,739	3,907	4,083	4,266	4,458	4,659	As Benefits - Medical
HRA	8,000	8,320	8,653	8,999	9,359	9,733	10,123	10,527	10,949	11,386	11,842	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Staff Certifications	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Memberships	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Furniture	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
Uniforms	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
Conference	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
General Buildings And Grounds-Structure	10,000	10,200	10,404	10,612	10,824	11,041	11,262	11,487	11,717	11,951	12,190	As Miscellaneous
Warehouse Supplies - Misc	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063	As Materials & Supplies
Total Warehouse	\$159,000	\$164,325	\$169,837	\$175,542	\$181,448	\$187,562	\$193,892	\$200,445	\$207,231	\$214,257	\$221,532	
Additional O&M												
Staffing Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	As Salaries
Total Additional O&M	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total O&M Expenses	\$18,084,500	\$18,825,104	\$19,538,187	\$20,231,252	\$20,928,236	\$21,722,880	\$22,423,624	\$23,212,210	\$24,029,417	\$24,876,315	\$25,826,615	
Rate Funded Capital	\$0	\$1,650,000	\$4,810,000	\$4,700,000	\$5,470,000	\$5,500,000	\$5,600,000	\$5,700,000	\$5,800,000	\$5,850,000	\$5,825,000	\$3,215,987 FY 2021 Dep. Exp.

	<i>Proposed</i>	<i>Projected</i>										Notes	
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033		
Debt Service													
2020 WWTP Rev Ref Bond	\$2,425,000	\$2,550,000	\$2,680,000	\$2,815,000	\$2,960,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Debt Schedule
Assumed Revenue Bond (Fund 2)	0	0	269,067	476,632	572,416	876,077	1,106,706	1,333,490	1,575,650	1,833,185	1,875,467	1,875,467	Calc'd @ 4.5% for 20 yrs
Assumed Revenue Bond (Fund 6)	0	(0)	443,023	1,798,051	2,129,009	2,129,009	2,129,009	2,129,009	2,129,009	2,129,009	2,129,009	2,129,009	Calc'd @ 4.5% for 20 yrs
Additional Long-Term Debt	0	0	0	0	0	0	0	0	0	0	0	0	Calc'd @ 4.5% for 20 yrs
<i>Total Debt Service</i>	\$2,425,000	\$2,550,000	\$3,392,089	\$5,089,683	\$5,661,426	\$3,005,087	\$3,235,715	\$3,462,500	\$3,704,659	\$3,962,195	\$4,004,476	\$4,004,476	
<i>LESS: Other Funding</i>													
Connection Fees	\$1,775,100	\$1,866,600	\$1,961,760	\$2,060,580	\$2,166,720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Net Debt Service	\$649,900	\$683,400	\$1,430,329	\$3,029,103	\$3,494,706	\$3,005,087	\$3,235,715	\$3,462,500	\$3,704,659	\$3,962,195	\$4,004,476	\$4,004,476	
Reserve Funding													
To / (From) General Fund	(\$1,319,885)	\$456,850	(\$855,693)	(\$89,612)	\$185,190	\$1,008,867	\$1,175,406	\$1,308,028	\$1,445,055	\$1,637,252	\$2,064,946	\$2,064,946	
To / (From) Wastewater Capital Reserve Fund (Fund 2)	0	0	0	0	0	0	0	0	0	0	0	0	
To / (From) Replace, Rehab, and Upgrade Fund (Fund 6)	0	0	0	0	0	0	0	0	0	0	0	0	
To / (From) Emergency & Contingency Reserve Fund	0	0	0	0	0	0	0	0	0	0	0	0	
Total Reserve Funding	(\$1,319,885)	\$456,850	(\$855,693)	(\$89,612)	\$185,190	\$1,008,867	\$1,175,406	\$1,308,028	\$1,445,055	\$1,637,252	\$2,064,946	\$2,064,946	
Total Revenue Requirement	\$17,414,515	\$21,615,354	\$24,922,824	\$27,870,744	\$30,078,132	\$31,236,834	\$32,434,745	\$33,682,738	\$34,979,132	\$36,325,762	\$37,721,037	\$37,721,037	
Bal. / (Def.) of Funds	\$0	(\$3,869,606)	(\$7,006,600)	(\$9,751,033)	(\$11,745,686)	(\$12,678,120)	(\$13,650,318)	(\$14,663,887)	(\$15,720,503)	(\$16,821,906)	(\$17,969,906)	(\$17,969,906)	
Balance a % of Rate Adj. Req'd	0.0%	30.0%	54.1%	74.8%	89.7%	96.3%	103.2%	110.3%	117.7%	125.3%	133.2%	133.2%	
Proposed Rate Adjustment	0.0%	30.0%	18.5%	13.5%	8.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	
<i>Months of Adjustment</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	
Add'l Revenue with Rate Adj.	\$0	\$3,869,606	\$7,006,600	\$9,751,033	\$11,745,686	\$12,678,120	\$13,650,318	\$14,663,887	\$15,720,503	\$16,821,906	\$17,969,906	\$17,969,906	
Bal. / (Def.) After Rate Adj.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Add'l Rate Adj. Req'd	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Annual Residential Customer Bill													
Customer Bill on Proposed Adjustment	\$306.00	\$397.80	\$471.39	\$535.03	\$580.51	\$600.83	\$621.86	\$643.62	\$666.15	\$689.46	\$713.59	\$713.59	
Bill Difference - Monthly		91.80	73.59	63.64	45.48	20.32	21.03	21.76	22.53	23.32	24.13	24.13	
Cumulative Bill Difference		91.80	165.39	229.03	274.51	294.83	315.86	337.62	360.15	383.46	407.59	407.59	
Monthly Residential Customer Bill													
Customer Bill on Proposed Adjustment	\$25.50	\$33.15	\$39.28	\$44.59	\$48.38	\$50.07	\$51.82	\$53.64	\$55.51	\$57.46	\$59.47	\$59.47	
Bill Difference - Monthly		7.65	6.13	5.30	3.79	1.69	1.75	1.81	1.88	1.94	2.01	2.01	
Cumulative Bill Difference		7.65	13.78	19.09	22.88	24.57	26.32	28.14	30.01	31.96	33.97	33.97	
Debt Service Coverage Ratio (all debt)													
Before Rate Adjustment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
After Proposed Rate Adjustment	0.00	1.09	1.59	1.50	1.62	3.17	3.09	3.02	2.96	2.89	2.97	2.97	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Reserve Funds												
Beginning Reserve Balance	\$39,947,489	\$34,981,504	\$31,561,858	\$25,106,602	\$24,363,077	\$24,553,447	\$26,509,202	\$27,386,345	\$29,010,169	\$30,681,567	\$32,390,546	
General Fund												
Beginning Balance	\$10,805,720	\$9,485,835	\$9,942,685	\$5,462,790	\$5,373,179	\$5,558,369	\$6,567,236	\$7,742,642	\$9,050,670	\$10,495,725	\$12,132,978	
Plus: Additions	0	456,850	0	0	185,190	1,008,867	1,175,406	1,308,028	1,445,055	1,637,252	2,064,946	
Ending Fund Balance	0	0	0	0	0	0	0	0	0	0	0	
Less: Uses of Funds	(1,319,885)	0	(4,479,895)	(89,612)	0	0	0	0	0	0	0	
Ending Balance	\$9,485,835	\$9,942,685	\$5,462,790	\$5,373,179	\$5,558,369	\$6,567,236	\$7,742,642	\$9,050,670	\$10,495,725	\$12,132,978	\$14,197,923	
Target: 60% of O&M + UAL	\$11,372,100	\$11,858,629	\$12,330,984	\$12,774,718	\$13,213,453	\$13,716,500	\$14,164,257	\$14,665,812	\$15,185,676	\$15,724,535	\$16,326,665	
Wastewater Capital Reserve Fund (Fund 2)												
Beginning Balance	\$16,964,929	\$16,629,509	\$16,098,796	\$15,643,812	\$14,989,898	\$14,995,078	\$15,415,828	\$14,680,436	\$13,680,708	\$12,658,136	\$11,603,890	
Plus: Additions	0	0	0	0	0	0	0	0	0	0	0	
Connection Fees	2,129,000	2,139,645	2,150,343	2,161,095	2,171,900	2,182,760	2,193,674	2,204,642	2,215,665	2,226,744	2,237,877	As Customer Growth
Less: Uses of Funds	(2,464,420)	(2,670,359)	(2,605,327)	(2,815,009)	(2,166,720)	(1,762,010)	(2,929,066)	(3,204,370)	(3,238,237)	(3,280,990)	(3,336,572)	
Ending Balance	\$16,629,509	\$16,098,796	\$15,643,812	\$14,989,898	\$14,995,078	\$15,415,828	\$14,680,436	\$13,680,708	\$12,658,136	\$11,603,890	\$10,505,195	
Target: 50% of 5-yr proj. capital	\$5,168,515	\$7,679,860	\$10,242,513	\$11,247,915	\$12,714,819	\$15,407,336	\$14,494,617	\$13,509,535	\$12,506,576	\$11,445,206	\$10,343,503	
Replace, Rehab, and Upgrade Fund (Fund 6)												
Beginning Balance	\$8,176,839	\$4,866,159	\$1,520,376	\$0	\$0	\$0	\$526,137	\$963,267	\$2,278,791	\$3,527,705	\$4,653,678	
Plus: Additions	0	0	0	0	0	526,137	437,130	1,315,524	1,248,914	1,125,973	69,703	
Balance: From Operating	0	0	0	0	0	0	0	0	0	0	0	
Less: Uses of Funds	(3,310,680)	(3,345,783)	(1,520,376)	0	0	0	0	0	0	0	0	
Ending Balance	\$4,866,159	\$1,520,376	\$0	\$0	\$0	\$526,137	\$963,267	\$2,278,791	\$3,527,705	\$4,653,678	\$4,723,381	
Target: 50% of 5-yr proj. capital	\$28,062,531	\$28,894,122	\$28,977,666	\$23,311,209	\$14,423,691	\$11,898,161	\$12,288,878	\$12,813,134	\$13,649,044	\$14,388,835	\$15,156,738	
Emergency & Contingency Reserve Fund												
Beginning Balance	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	
Plus: Additions	0	0	0	0	0	0	0	0	0	0	0	
Balance: From Operating	0	0	0	0	0	0	0	0	0	0	0	
Less: Uses of Funds	0	0	0	0	0	0	0	0	0	0	0	
Ending Balance	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	
Target: \$4 Million	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	
Ending Reserve Balance	\$34,981,504	\$31,561,858	\$25,106,602	\$24,363,077	\$24,553,447	\$26,509,202	\$27,386,345	\$29,010,169	\$30,681,567	\$32,390,546	\$33,426,500	
Total Unrestricted	\$18,351,995	\$15,463,062	\$9,462,791	\$9,373,179	\$9,558,369	\$11,093,373	\$12,705,909	\$15,329,462	\$18,023,431	\$20,786,656	\$22,921,305	
Target	\$43,434,631	\$44,752,751	\$45,308,650	\$40,085,927	\$31,637,143	\$29,614,661	\$30,453,135	\$31,478,946	\$32,834,720	\$34,113,371	\$35,483,403	
Total Restricted	\$16,629,509	\$16,098,796	\$15,643,812	\$14,989,898	\$14,995,078	\$15,415,828	\$14,680,436	\$13,680,708	\$12,658,136	\$11,603,890	\$10,505,195	
Target	\$5,168,515	\$7,679,860	\$10,242,513	\$11,247,915	\$12,714,819	\$15,407,336	\$14,494,617	\$13,509,535	\$12,506,576	\$11,445,206	\$10,343,503	

**Tahoe-Truckee Sanitary Agency
Wastewater Rate Study
Revenue Requirement Summary
Exhibit 1**

	<i>Proposed</i>	<i>Projected</i>									
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033
Revenues											
Rate Revenues	\$12,834,515	\$12,898,688	\$12,963,181	\$13,027,997	\$13,093,137	\$13,158,603	\$13,224,396	\$13,290,518	\$13,356,971	\$13,423,755	\$13,490,874
Miscellaneous Revenues	4,580,000	4,872,986	4,964,552	5,097,120	5,225,635	5,390,409	5,553,789	5,721,781	5,898,509	6,080,584	6,264,726
Total Revenues	\$17,414,515	\$17,771,674	\$17,927,733	\$18,125,118	\$18,318,772	\$18,549,012	\$18,778,185	\$19,012,299	\$19,255,480	\$19,504,340	\$19,755,600
Expenses											
Total Finance & Admin	\$4,438,000	\$4,596,076	\$4,813,524	\$4,993,102	\$5,158,082	\$5,401,518	\$5,531,135	\$5,727,933	\$5,931,920	\$6,143,366	\$6,435,151
Total Engineering	1,490,000	1,538,270	1,588,147	1,639,687	1,692,946	1,747,984	1,804,863	1,863,645	1,924,396	1,987,185	2,052,083
Total Safety	387,000	399,355	412,118	425,303	438,924	452,996	467,535	482,557	498,078	514,115	530,687
Total Operations	6,056,500	6,385,653	6,621,230	6,865,739	7,119,525	7,382,947	7,656,379	7,940,210	8,234,843	8,540,698	8,858,212
Total Laboratory	976,000	1,010,095	1,043,361	1,077,771	1,113,365	1,150,187	1,188,279	1,227,689	1,268,463	1,310,651	1,354,304
Total Maintenance	2,931,000	3,030,050	3,132,563	3,238,663	3,348,482	3,462,154	3,579,820	3,701,624	3,827,718	3,958,259	4,093,408
Total Electrical & Instrumentation	1,002,000	1,035,090	1,069,311	1,104,704	1,141,309	1,179,170	1,218,333	1,258,842	1,300,747	1,344,097	1,388,943
Total Information Technology	645,000	666,190	688,096	710,742	734,155	758,361	783,389	809,265	836,021	863,688	892,296
Total Warehouse	159,000	164,325	169,837	175,542	181,448	187,562	193,892	200,445	207,231	214,257	221,532
Total Additional O&M	0	0	0	0	0	0	0	0	0	0	0
Total O&M Expenses	\$18,084,500	\$18,825,104	\$19,538,187	\$20,231,252	\$20,928,236	\$21,722,880	\$22,423,624	\$23,212,210	\$24,029,417	\$24,876,315	\$25,826,615
Rate Funded Capital	\$0	\$1,650,000	\$4,810,000	\$4,700,000	\$5,470,000	\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000
Net Debt Service	649,900	683,400	987,306	2,384,194	2,518,838	2,029,219	2,259,848	2,486,632	2,728,792	2,986,327	3,028,609
Reserve Funding	(1,319,885)	5,642,252	2,023,567	901,696	69,279	885,888	1,045,064	420,015	549,049	732,921	1,151,942
Total Revenue Requirement	\$17,414,515	\$26,800,756	\$27,359,061	\$28,217,143	\$28,986,353	\$30,137,988	\$31,228,535	\$31,618,857	\$32,807,259	\$34,095,564	\$35,507,167
Bal. / (Def.) of Funds	\$0	(\$9,029,082)	(\$9,431,328)	(\$10,092,025)	(\$10,667,581)	(\$11,588,975)	(\$12,450,351)	(\$12,606,558)	(\$13,551,779)	(\$14,591,224)	(\$15,751,567)
Proposed Rate Adjustment	0.0%	70.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Add'l Revenue with Rate Adj.	\$0	\$9,029,082	\$9,845,536	\$10,697,061	\$11,585,075	\$12,511,056	\$13,476,542	\$14,483,130	\$15,532,484	\$16,626,333	\$17,766,476
Total Bal. / (Def.) of Funds	\$0	\$0	\$414,209	\$605,035	\$917,493	\$922,081	\$1,026,191	\$1,876,572	\$1,980,705	\$2,035,109	\$2,014,909
Total Unrestricted	\$18,351,995	\$20,648,464	\$12,178,850	\$11,059,459	\$7,741,145	\$10,075,251	\$12,483,636	\$15,895,747	\$19,374,416	\$22,918,418	\$25,829,973
<i>Target</i>	<i>\$43,434,631</i>	<i>\$44,752,751</i>	<i>\$45,308,650</i>	<i>\$40,085,927</i>	<i>\$31,637,143</i>	<i>\$29,614,661</i>	<i>\$30,453,135</i>	<i>\$31,478,946</i>	<i>\$32,834,720</i>	<i>\$34,113,371</i>	<i>\$35,483,403</i>
Total Restricted	\$16,629,509	\$16,098,796	\$15,643,812	\$14,989,898	\$14,995,078	\$15,415,828	\$14,680,436	\$13,680,708	\$12,658,136	\$11,603,890	\$10,505,196
<i>Target</i>	<i>\$5,168,515</i>	<i>\$7,679,860</i>	<i>\$10,242,513</i>	<i>\$11,247,915</i>	<i>\$12,714,819</i>	<i>\$15,407,336</i>	<i>\$14,494,617</i>	<i>\$13,509,535</i>	<i>\$12,506,576</i>	<i>\$11,445,206</i>	<i>\$10,343,503</i>

Tahoe-Truckee Sanitary Agency
Wastewater Rate Study
Escalation Factors
Exhibit 2

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Revenues												
Customer Growth	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
Property Tax	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Misc. Revenues	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Expenses												
Salaries	Budget	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Benefits	Budget	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Benefits - Medical	Budget	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
Benefits - Retirement	Budget	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Materials & Supplies	Budget	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Equipment	Budget	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Miscellaneous	Budget	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Utilities	Budget	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Flat	Budget	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Insurance	Budget	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Chemicals	Budget	10.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
General Expenses	Budget	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Interest	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
New Debt Service												
Low Interest Loans												
Term in Years	20	20	20	20	20	20	20	20	20	20	20	20
Rate	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
Revenue Bond												
Term in Years	20	20	20	20	20	20	20	20	20	20	20	20
Rate	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%

	<i>Proposed</i>		<i>Projected</i>									<i>Notes</i>
	<i>FY 2023</i>	<i>FY 2024</i>	<i>FY 2025</i>	<i>FY 2026</i>	<i>FY 2027</i>	<i>FY 2028</i>	<i>FY 2029</i>	<i>FY 2030</i>	<i>FY 2031</i>	<i>FY 2032</i>	<i>FY 2033</i>	
Revenues												
<i>Rate Revenues</i>												
NTPUD	\$2,232,002	\$2,243,162	\$2,254,378	\$2,265,650	\$2,276,978	\$2,288,363	\$2,299,805	\$2,311,304	\$2,322,860	\$2,334,475	\$2,346,147	Exhibit 7
TCPUD	3,041,629	3,056,837	3,072,121	3,087,482	3,102,919	3,118,434	3,134,026	3,149,696	3,165,444	3,181,272	3,197,178	Exhibit 7
ASCWD	279,179	280,575	281,978	283,388	284,805	286,229	287,660	289,098	290,544	291,996	293,456	Exhibit 7
OVSPD	993,100	998,065	1,003,055	1,008,071	1,013,111	1,018,177	1,023,267	1,028,384	1,033,526	1,038,693	1,043,887	Exhibit 7
TSD	5,424,941	5,452,066	5,479,326	5,506,723	5,534,256	5,561,928	5,589,737	5,617,686	5,645,774	5,674,003	5,702,373	Exhibit 7
NCSD	863,665	867,983	872,323	876,684	881,068	885,473	889,901	894,350	898,822	903,316	907,833	Exhibit 7
Total Rate Revenues	\$12,834,515	\$12,898,688	\$12,963,181	\$13,027,997	\$13,093,137	\$13,158,603	\$13,224,396	\$13,290,518	\$13,356,971	\$13,423,755	\$13,490,874	
<i>Other Revenues</i>												
Ad Valorem Taxes	\$4,445,000	\$4,578,350	\$4,715,701	\$4,857,172	\$5,002,887	\$5,152,973	\$5,307,562	\$5,466,789	\$5,630,793	\$5,799,717	\$5,973,708	As Property Tax
Temporary Discharge Permits	25,000	25,250	25,503	25,758	26,015	26,275	26,538	26,803	27,071	27,342	27,616	As Misc. Revenues
Interest	45,000	203,736	157,042	147,222	129,094	142,845	150,689	158,499	170,259	182,436	191,601	Calculated
Other Revenue	65,000	65,650	66,307	66,970	67,639	68,316	68,999	69,689	70,386	71,090	71,800	As Misc. Revenues
Total Other Revenues	\$4,580,000	\$4,872,986	\$4,964,552	\$5,097,120	\$5,225,635	\$5,390,409	\$5,553,789	\$5,721,781	\$5,898,509	\$6,080,584	\$6,264,726	
Total Revenues	\$17,414,515	\$17,771,674	\$17,927,733	\$18,125,118	\$18,318,772	\$18,549,012	\$18,778,185	\$19,012,299	\$19,255,480	\$19,504,340	\$19,755,600	



	Proposed	Projected										Notes
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Finance & Admin												
Salaries And Wages	\$1,196,000	\$1,231,880	\$1,268,836	\$1,306,901	\$1,346,109	\$1,386,492	\$1,428,087	\$1,470,929	\$1,515,057	\$1,560,509	\$1,607,324	As Salaries
Bond Expense	3,000	3,060	3,121	3,184	3,247	3,312	3,378	3,446	3,515	3,585	3,657	As Miscellaneous
CalPERS Pepra Retirement	43,000	44,720	46,509	48,369	50,304	52,316	54,409	56,585	58,848	61,202	63,651	As Benefits - Retirement
CalPERS Classic Retirement	134,000	139,360	144,934	150,732	156,761	163,031	169,553	176,335	183,388	190,724	198,353	As Benefits - Retirement
Worker's Comp	23,000	23,805	24,638	25,501	26,393	27,317	28,273	29,262	30,287	31,347	32,444	As Benefits
Medicare	18,000	18,810	19,656	20,541	21,465	22,431	23,441	24,496	25,598	26,750	27,953	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	9,000	9,315	9,641	9,978	10,328	10,689	11,063	11,451	11,851	12,266	12,695	As Benefits
Health Insurance	214,000	223,630	233,693	244,210	255,199	266,683	278,684	291,224	304,330	318,024	332,335	As Benefits - Medical
Director Health Insurance	46,000	48,070	50,233	52,494	54,856	57,324	59,904	62,600	65,417	68,360	71,437	As Benefits - Medical
Retiree Health Insurance	90,000	94,050	98,282	102,705	107,327	112,156	117,203	122,478	127,989	133,749	139,767	As Benefits - Medical
Dental Insurance	20,000	20,900	21,841	22,823	23,850	24,924	26,045	27,217	28,442	29,722	31,059	As Benefits - Medical
HRA	34,000	35,360	36,774	38,245	39,775	41,366	43,021	44,742	46,531	48,393	50,328	As Benefits - Retirement
Director Dental Insurance	5,000	5,225	5,460	5,706	5,963	6,231	6,511	6,804	7,111	7,430	7,765	As Benefits - Medical
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	3,000	3,105	3,214	3,326	3,443	3,563	3,688	3,817	3,950	4,089	4,232	As Benefits
Employee Misc.	4,000	4,140	4,285	4,435	4,590	4,751	4,917	5,089	5,267	5,452	5,642	As Benefits
Annual UAL Payment	1,303,500	1,408,916	1,520,178	1,589,917	1,641,278	1,706,929	1,775,206	1,846,215	1,920,063	1,996,866	2,076,740	As Benefits - Retirement
Directors Fees	9,500	9,785	10,079	10,381	10,692	11,013	11,343	11,684	12,034	12,395	12,767	As Salaries
Insurance	336,000	347,760	359,932	372,529	385,568	399,063	413,030	427,486	442,448	457,934	473,961	As Insurance
Staff Certifications	2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929	2,988	3,047	As Miscellaneous
Staff Memberships	3,500	3,570	3,641	3,714	3,789	3,864	3,942	4,020	4,101	4,183	4,266	As Miscellaneous
Agency Memberships	29,000	29,580	30,172	30,775	31,391	32,018	32,659	33,312	33,978	34,658	35,351	As Miscellaneous
Bank Fees	15,000	15,300	15,606	15,918	16,236	16,561	16,892	17,230	17,575	17,926	18,285	As Miscellaneous
Supplies	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	19,002	19,572	20,159	As Materials & Supplies
Furniture	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
It Hardware	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
It Software	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	19,002	19,572	20,159	As Materials & Supplies
Advertising	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Breakroom Supplies	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Postage/Shipping	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
Copier/Fax/Ink Expenses	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
Books/Subscriptions	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Manager Luncheon	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Board Meeting Supplies	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262	3,360	As Materials & Supplies
Staff Luncheons/Appreciation	15,000	15,300	15,606	15,918	16,236	16,561	16,892	17,230	17,575	17,926	18,285	As Miscellaneous
Invoice Processing	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
County Services	154,000	158,620	163,379	168,280	173,328	178,528	183,884	189,401	195,083	200,935	206,963	As Salaries
General Office	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
Uniforms	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Accounting & Billing Support	68,000	70,040	72,141	74,305	76,535	78,831	81,196	83,631	86,140	88,725	91,386	As Salaries
Financial Auditor	33,000	33,990	35,010	36,060	37,142	38,256	39,404	40,586	41,803	43,058	44,349	As Salaries
Financial/Rate Studies	50,000	0	0	0	0	60,250	0	0	0	0	72,601	As Salaries
Legal - Bsk	100,000	103,000	106,090	109,273	112,551	115,927	119,405	122,987	126,677	130,477	134,392	As Salaries
Legal - Wpr	200,000	206,000	212,180	218,545	225,102	231,855	238,810	245,975	253,354	260,955	268,783	As Salaries
Legal - Misc.	30,000	30,900	31,827	32,782	33,765	34,778	35,822	36,896	38,003	39,143	40,317	As Salaries
Conference	17,000	17,340	17,687	18,041	18,401	18,769	19,145	19,528	19,918	20,317	20,723	As Miscellaneous
Training	6,000	6,120	6,242	6,367	6,495	6,624	6,757	6,892	7,030	7,171	7,314	As Miscellaneous
Conference (Hr)	7,000	7,140	7,283	7,428	7,577	7,729	7,883	8,041	8,202	8,366	8,533	As Miscellaneous
Training (Hr)	2,000	2,040	2,081	2,122	2,165	2,208	2,252	2,297	2,343	2,390	2,438	As Miscellaneous
Conference (Gm)	5,000	5,100	5,202	5,306	5,412	5,520	5,631	5,743	5,858	5,975	6,095	As Miscellaneous
Training (Bc)	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Wellness Program (Hr)	6,000	6,210	6,427	6,652	6,885	7,126	7,376	7,634	7,901	8,177	8,464	As Benefits
Heating Fuel	6,500	6,760	7,030	7,312	7,604	7,908	8,225	8,554	8,896	9,252	9,622	As Utilities
Electricity	104,000	108,160	112,486	116,986	121,665	126,532	131,593	136,857	142,331	148,024	153,945	As Utilities
Water	500	520	541	562	585	608	633	658	684	712	740	As Utilities
Natural Gas	9,000	9,360	9,734	10,124	10,529	10,950	11,388	11,843	12,317	12,810	13,322	As Utilities
Telephone	9,000	9,360	9,734	10,124	10,529	10,950	11,388	11,843	12,317	12,810	13,322	As Utilities
Total Finance & Admin	\$4,438,000	\$4,596,076	\$4,813,524	\$4,993,102	\$5,158,082	\$5,401,518	\$5,531,135	\$5,727,933	\$5,931,920	\$6,143,366	\$6,435,151	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Engineering												
Salaries And Wages	\$680,000	\$700,400	\$721,412	\$743,054	\$765,346	\$788,306	\$811,956	\$836,314	\$861,404	\$887,246	\$913,863	As Salaries
CalPERS Pepra Retirement	21,000	21,840	22,714	23,622	24,567	25,550	26,572	27,635	28,740	29,890	31,085	As Benefits - Retirement
CalPERS Classic Retirement	83,000	86,320	89,773	93,364	97,098	100,982	105,021	109,222	113,591	118,135	122,860	As Benefits - Retirement
Worker's Comp	8,500	8,798	9,105	9,424	9,754	10,095	10,449	10,814	11,193	11,585	11,990	As Benefits
Medicare	9,000	9,405	9,828	10,270	10,733	11,216	11,720	12,248	12,799	13,375	13,977	As Benefits - Medical
Life Insurance	5,500	5,748	6,006	6,276	6,559	6,854	7,162	7,485	7,822	8,174	8,541	As Benefits - Medical
Health Insurance	110,000	114,950	120,123	125,528	131,177	137,080	143,249	149,695	156,431	163,470	170,827	As Benefits - Medical
Retiree Health Insurance	35,000	36,575	38,221	39,941	41,738	43,616	45,579	47,630	49,774	52,013	54,354	As Benefits - Medical
Dental Insurance	7,500	7,838	8,190	8,559	8,944	9,346	9,767	10,206	10,666	11,146	11,647	As Benefits - Medical
HRA	15,000	15,600	16,224	16,873	17,548	18,250	18,980	19,739	20,529	21,350	22,204	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	1,000	1,035	1,071	1,109	1,148	1,188	1,229	1,272	1,317	1,363	1,411	As Benefits
Staff Certifications	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Memberships	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Furniture	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
It Hardware	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
It Software	17,000	17,510	18,035	18,576	19,134	19,708	20,299	20,908	21,535	22,181	22,847	As Materials & Supplies
Advertising	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Books/Subscriptions	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
Facilities Maintenance	195,000	200,850	206,876	213,082	219,474	226,058	232,840	239,825	247,020	254,431	262,064	As Materials & Supplies
Mechanical Maintenance	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Uniforms	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Testing	7,500	7,650	7,803	7,959	8,118	8,281	8,446	8,615	8,787	8,963	9,142	As Miscellaneous
Engineering	275,000	283,250	291,748	300,500	309,515	318,800	328,364	338,215	348,362	358,813	369,577	As Salaries
Conference	6,000	6,120	6,242	6,367	6,495	6,624	6,757	6,892	7,030	7,171	7,314	As Miscellaneous
Training	4,000	4,080	4,162	4,245	4,330	4,416	4,505	4,595	4,687	4,780	4,876	As Miscellaneous
Telephone	1,500	1,560	1,622	1,687	1,755	1,825	1,898	1,974	2,053	2,135	2,220	As Utilities
Consumable Supplies	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Non-Consumable Equipment	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Warehouse Stock	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Total Engineering	\$1,490,000	\$1,538,270	\$1,588,147	\$1,639,687	\$1,692,946	\$1,747,984	\$1,804,863	\$1,863,645	\$1,924,396	\$1,987,185	\$2,052,083	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Safety												
Salaries And Wages	\$150,000	\$154,500	\$159,135	\$163,909	\$168,826	\$173,891	\$179,108	\$184,481	\$190,016	\$195,716	\$201,587	As Salaries
CalPERS Pepra Retirement	9,500	9,880	10,275	10,686	11,114	11,558	12,021	12,501	13,001	13,521	14,062	As Benefits - Retirement
Worker's Comp	3,000	3,105	3,214	3,326	3,443	3,563	3,688	3,817	3,950	4,089	4,232	As Benefits
Medicare	2,000	2,090	2,184	2,282	2,385	2,492	2,605	2,722	2,844	2,972	3,106	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	1,500	1,568	1,638	1,712	1,789	1,869	1,953	2,041	2,133	2,229	2,329	As Benefits - Medical
Health Insurance	25,000	26,125	27,301	28,529	29,813	31,155	32,557	34,022	35,553	37,152	38,824	As Benefits - Medical
Dental Insurance	2,500	2,613	2,730	2,853	2,981	3,115	3,256	3,402	3,555	3,715	3,882	As Benefits - Medical
HRA	7,000	7,280	7,571	7,874	8,189	8,517	8,857	9,212	9,580	9,963	10,362	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Staff Certifications	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Staff Memberships	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Furniture	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
It Hardware	5,500	5,665	5,835	6,010	6,190	6,376	6,567	6,764	6,967	7,176	7,392	As Materials & Supplies
It Software	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262	3,360	As Materials & Supplies
Books/Subscriptions	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
Facilities Maintenance	65,000	66,950	68,959	71,027	73,158	75,353	77,613	79,942	82,340	84,810	87,355	As Materials & Supplies
Mechanical Maintenance	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Uniforms	3,500	3,605	3,713	3,825	3,939	4,057	4,179	4,305	4,434	4,567	4,704	As Materials & Supplies
Conference	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Training	23,000	23,460	23,929	24,408	24,896	25,394	25,902	26,420	26,948	27,487	28,037	As Miscellaneous
PPE	40,000	41,200	42,436	43,709	45,020	46,371	47,762	49,195	50,671	52,191	53,757	As Materials & Supplies
Consumable Supplies	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Non-Consumable Equipment	35,000	36,400	37,856	39,370	40,945	42,583	44,286	46,058	47,900	49,816	51,809	As Equipment
Warehouse Stock	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Total Safety	\$387,000	\$399,355	\$412,118	\$425,303	\$438,924	\$452,996	\$467,535	\$482,557	\$498,078	\$514,115	\$530,687	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Operations												
Salaries And Wages	\$1,739,000	\$1,791,170	\$1,844,905	\$1,900,252	\$1,957,260	\$2,015,978	\$2,076,457	\$2,138,751	\$2,202,913	\$2,269,001	\$2,337,071	As Salaries
Calpers Pepra Retirement	54,000	56,160	58,406	60,743	63,172	65,699	68,327	71,060	73,903	76,859	79,933	As Benefits - Retirement
Calpers Classic Retirement	235,000	244,400	254,176	264,343	274,917	285,913	297,350	309,244	321,614	334,478	347,857	As Benefits - Retirement
Worker'S Comp	40,000	41,400	42,849	44,349	45,901	47,507	49,170	50,891	52,672	54,516	56,424	As Benefits
Medicare	24,000	25,080	26,209	27,388	28,620	29,908	31,254	32,661	34,130	35,666	37,271	As Benefits - Medical
Life Insurance	14,000	14,630	15,288	15,976	16,695	17,447	18,232	19,052	19,909	20,805	21,742	As Benefits - Medical
Health Insurance	350,000	365,750	382,209	399,408	417,382	436,164	455,791	476,302	497,735	520,133	543,539	As Benefits - Medical
Retiree Health Insurance	285,000	297,825	311,227	325,232	339,868	355,162	371,144	387,846	405,299	423,537	442,596	As Benefits - Medical
Dental Insurance	27,000	28,215	29,485	30,811	32,198	33,647	35,161	36,743	38,397	40,125	41,930	As Benefits - Medical
Hra	50,000	52,000	54,080	56,243	58,493	60,833	63,266	65,797	68,428	71,166	74,012	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	1,500	1,553	1,607	1,663	1,721	1,782	1,844	1,908	1,975	2,044	2,116	As Benefits
Employee Misc.	4,500	4,658	4,821	4,989	5,164	5,345	5,532	5,725	5,926	6,133	6,348	As Benefits
Staff Certifications	3,500	3,570	3,641	3,714	3,789	3,864	3,942	4,020	4,101	4,183	4,266	As Miscellaneous
Staff Memberships	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Permits & Licenses	190,000	193,800	197,676	201,630	205,662	209,775	213,971	218,250	222,615	227,068	231,609	As Miscellaneous
Furniture	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
It Hardware	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063	As Materials & Supplies
It Software	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	13,048	13,439	As Materials & Supplies
Advertising	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	2,688	As Materials & Supplies
Books/Subscriptions	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Uniforms	9,000	9,270	9,548	9,835	10,130	10,433	10,746	11,069	11,401	11,743	12,095	As Materials & Supplies
Leases	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Sludge Disposal	299,500	329,450	342,628	356,333	370,586	385,410	400,826	416,859	433,534	450,875	468,910	As Chemicals
Chemicals-Hydrated Lime	335,000	368,500	383,240	398,570	414,512	431,093	448,337	466,270	484,921	504,318	524,490	As Chemicals
Chemicals-Liquid Chlorine	165,000	181,500	188,760	196,310	204,163	212,329	220,823	229,655	238,842	248,395	258,331	As Chemicals
Chemicals-Sodium Hydroxide	60,000	66,000	68,640	71,386	74,241	77,211	80,299	83,511	86,851	90,326	93,939	As Chemicals
Chemicals-Hydrochloric Acid	20,000	22,000	22,880	23,795	24,747	25,737	26,766	27,837	28,950	30,109	31,313	As Chemicals
Chemicals-Liquid Co2	8,000	8,800	9,152	9,518	9,899	10,295	10,707	11,135	11,580	12,043	12,525	As Chemicals
Chemicals-Liquid O2	220,000	242,000	251,680	261,747	272,217	283,106	294,430	306,207	318,455	331,194	344,441	As Chemicals
Chemicals-Ferric Chloride	85,000	93,500	97,240	101,130	105,175	109,382	113,757	118,307	123,040	127,961	133,080	As Chemicals
Chemicals-Methanol	400,000	440,000	457,600	475,904	494,940	514,738	535,327	556,740	579,010	602,170	626,257	As Chemicals
Chemicals-Polymer	135,000	148,500	154,440	160,618	167,042	173,724	180,673	187,900	195,416	203,233	211,362	As Chemicals
Chemicals-Boiler Chemical	20,000	22,000	22,880	23,795	24,747	25,737	26,766	27,837	28,950	30,109	31,313	As Chemicals
Chemicals-Ammonia Analyzers	7,500	8,250	8,580	8,923	9,280	9,651	10,037	10,439	10,856	11,291	11,742	As Chemicals
Chemicals-Miscellaneous	16,000	17,600	18,304	19,036	19,798	20,590	21,413	22,270	23,160	24,087	25,050	As Chemicals
Conference	3,000	3,060	3,121	3,184	3,247	3,312	3,378	3,446	3,515	3,585	3,657	As Miscellaneous
Training	6,000	6,120	6,242	6,367	6,495	6,624	6,757	6,892	7,030	7,171	7,314	As Miscellaneous
Heating Fuel	60,000	62,400	64,896	67,492	70,192	72,999	75,919	78,956	82,114	85,399	88,815	As Utilities
Electricity	1,000,000	1,040,000	1,081,600	1,124,864	1,169,859	1,216,653	1,265,319	1,315,932	1,368,569	1,423,312	1,480,244	As Utilities
Water	1,500	1,560	1,622	1,687	1,755	1,825	1,898	1,974	2,053	2,135	2,220	As Utilities
Natural Gas	70,000	72,800	75,712	78,740	81,890	85,166	88,572	92,115	95,800	99,632	103,617	As Utilities
Telephone	40,000	41,600	43,264	44,995	46,794	48,666	50,613	52,637	54,743	56,932	59,210	As Utilities
Bnr-Miscellaneous	2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929	2,988	3,047	As Miscellaneous
Filtration-Miscellaneous	8,000	8,160	8,323	8,490	8,659	8,833	9,009	9,189	9,373	9,561	9,752	As Miscellaneous
Digestion-Miscellaneous	25,000	25,500	26,010	26,530	27,061	27,602	28,154	28,717	29,291	29,877	30,475	As Miscellaneous
Lime System-Miscellaneous	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
All Facility Purpose-Tools	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Equipment
All Facility Purpose-Small Equipment	5,000	5,200	5,408	5,624	5,849	6,083	6,327	6,580	6,843	7,117	7,401	As Equipment
All Facility Purpose-Hoses	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
All Facility Purpose-Miscellaneous	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Chemical Facilities-Mechanical	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063	As Materials & Supplies
Chemical Facilities-Miscellaneous	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Warehouse Stock	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Total Operations	\$6,056,500	\$6,385,653	\$6,621,230	\$6,865,739	\$7,119,525	\$7,382,947	\$7,656,379	\$7,940,210	\$8,234,843	\$8,540,698	\$8,858,212	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Laboratory												
Salaries And Wages	\$469,000	\$483,070	\$497,562	\$512,489	\$527,864	\$543,700	\$560,011	\$576,811	\$594,115	\$611,939	\$630,297	As Salaries
CalPERS Classic Retirement	105,000	108,150	111,395	114,736	118,178	121,724	125,375	129,137	133,011	137,001	141,111	As Salaries
Worker'S Comp	11,000	11,385	11,783	12,196	12,623	13,065	13,522	13,995	14,485	14,992	15,517	As Benefits
Medicare	7,000	7,315	7,644	7,988	8,348	8,723	9,116	9,526	9,955	10,403	10,871	As Benefits - Medical
Sdi	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	5,000	5,225	5,460	5,706	5,963	6,231	6,511	6,804	7,111	7,430	7,765	As Benefits - Medical
Health Insurance	115,000	120,175	125,583	131,234	137,140	143,311	149,760	156,499	163,542	170,901	178,591	As Benefits - Medical
Retiree Health Insurance	45,000	47,025	49,141	51,352	53,663	56,078	58,602	61,239	63,995	66,874	69,884	As Benefits - Medical
Dental Insurance	9,000	9,405	9,828	10,270	10,733	11,216	11,720	12,248	12,799	13,375	13,977	As Benefits - Medical
Hra	9,000	9,360	9,734	10,124	10,529	10,950	11,388	11,843	12,317	12,810	13,322	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Certifications	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Staff Memberships	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Permits & Licenses	12,000	12,240	12,485	12,734	12,989	13,249	13,514	13,784	14,060	14,341	14,628	As Miscellaneous
Furniture	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
It Hardware	3,500	3,605	3,713	3,825	3,939	4,057	4,179	4,305	4,434	4,567	4,704	As Materials & Supplies
It Software	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063	As Materials & Supplies
Books/Subscriptions	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Janitorial	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Mechanical Maintenance	8,500	8,755	9,018	9,288	9,567	9,854	10,149	10,454	10,768	11,091	11,423	As Materials & Supplies
Uniforms	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	2,688	As Materials & Supplies
Leases	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	1,757	1,793	1,828	As Miscellaneous
Outsource Testing Location 1	37,000	37,740	38,495	39,265	40,050	40,851	41,668	42,501	43,351	44,218	45,103	As Miscellaneous
Outsource Testing Location 2	3,500	3,570	3,641	3,714	3,789	3,864	3,942	4,020	4,101	4,183	4,266	As Miscellaneous
Outsource Testing Location 3	4,500	4,590	4,682	4,775	4,871	4,968	5,068	5,169	5,272	5,378	5,485	As Miscellaneous
Conference	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Training	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Main Lab-Equipment	13,000	13,520	14,061	14,623	15,208	15,816	16,449	17,107	17,791	18,503	19,243	As Equipment
Main Lab-Supplies	29,000	29,870	30,766	31,689	32,640	33,619	34,628	35,666	36,736	37,838	38,974	As Materials & Supplies
Main Lab-Chemicals	26,000	28,600	29,744	30,934	32,171	33,458	34,796	36,188	37,636	39,141	40,707	As Chemicals
Main Lab-Miscellaneous	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Satellite Labs-Equipment	2,500	2,600	2,704	2,812	2,925	3,042	3,163	3,290	3,421	3,558	3,701	As Equipment
Satellite Labs-Supplies	5,500	5,665	5,835	6,010	6,190	6,376	6,567	6,764	6,967	7,176	7,392	As Materials & Supplies
Satellite Labs-Chemicals	5,500	6,050	6,292	6,544	6,805	7,078	7,361	7,655	7,961	8,280	8,611	As Chemicals
Tkn/Ammonia-Supplies	1,500	1,545	1,591	1,639	1,688	1,739	1,791	1,845	1,900	1,957	2,016	As Materials & Supplies
Tkn/Ammonia-Chemicals	1,000	1,100	1,144	1,190	1,237	1,287	1,338	1,392	1,448	1,505	1,566	As Chemicals
Toc-Equipment	1,500	1,560	1,622	1,687	1,755	1,825	1,898	1,974	2,053	2,135	2,220	As Equipment
Toc-Supplies	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Anions-Equipment	4,000	4,160	4,326	4,499	4,679	4,867	5,061	5,264	5,474	5,693	5,921	As Equipment
Anions-Supplies	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Anions-Chemicals	1,000	1,100	1,144	1,190	1,237	1,287	1,338	1,392	1,448	1,505	1,566	As Chemicals
Di System-Supplies	3,500	3,605	3,713	3,825	3,939	4,057	4,179	4,305	4,434	4,567	4,704	As Materials & Supplies
Drinking Water Testing-Supplies	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Pt Study (Proficiency Testing)	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Field Sampling-Equipment	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Equipment
PPE	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Warehouse Stock	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Total Laboratory	\$976,000	\$1,010,095	\$1,043,361	\$1,077,771	\$1,113,365	\$1,150,187	\$1,188,279	\$1,227,689	\$1,268,463	\$1,310,651	\$1,354,304	

	Proposed	Projected										Notes
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Maintenance												
Salaries And Wages	\$1,099,000	\$1,131,970	\$1,165,929	\$1,200,907	\$1,236,934	\$1,274,042	\$1,312,263	\$1,351,631	\$1,392,180	\$1,433,946	\$1,476,964	As Salaries
CalPERS Pepra Retirement	30,000	31,200	32,448	33,746	35,096	36,500	37,960	39,478	41,057	42,699	44,407	As Benefits - Retirement
CalPERS Classic Retirement	160,000	166,400	173,056	179,978	187,177	194,664	202,451	210,549	218,971	227,730	236,839	As Benefits - Retirement
Worker'S Comp	28,000	28,980	29,994	31,044	32,131	33,255	34,419	35,624	36,871	38,161	39,497	As Benefits
Medicare	16,000	16,720	17,472	18,259	19,080	19,939	20,836	21,774	22,754	23,778	24,848	As Benefits - Medical
Life Insurance	8,000	8,360	8,736	9,129	9,540	9,969	10,418	10,887	11,377	11,889	12,424	As Benefits - Medical
Health Insurance	260,000	271,700	283,927	296,703	310,055	324,007	338,588	353,824	369,746	386,385	403,772	As Benefits - Medical
Retiree Health Insurance	229,000	239,305	250,074	261,327	273,087	285,376	298,218	311,637	325,661	340,316	355,630	As Benefits - Medical
Dental Insurance	27,000	28,215	29,485	30,811	32,198	33,647	35,161	36,743	38,397	40,125	41,930	As Benefits - Medical
HRA	38,000	39,520	41,101	42,745	44,455	46,233	48,082	50,005	52,006	54,086	56,249	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Employee Screening	1,500	1,553	1,607	1,663	1,721	1,782	1,844	1,908	1,975	2,044	2,116	As Benefits
Employee Misc.	4,500	4,590	4,682	4,775	4,871	4,968	5,068	5,169	5,272	5,378	5,485	As Miscellaneous
Gasoline/Diesel	25,000	26,000	27,040	28,122	29,246	30,416	31,633	32,898	34,214	35,583	37,006	As Utilities
Vhcl-01	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-06	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-07	10,000	10,400	10,816	11,249	11,699	12,167	12,653	13,159	13,686	14,233	14,802	As Equipment
Vhcl-08	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-09	2,000	2,080	2,163	2,250	2,340	2,433	2,531	2,632	2,737	2,847	2,960	As Equipment
Vhcl-10	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhcl-11	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhcl-13	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-17	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-20	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vhcl-21	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Equipment
Vhcl-22	10,000	10,400	10,816	11,249	11,699	12,167	12,653	13,159	13,686	14,233	14,802	As Equipment
Vhcl-25	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhcl-26	2,000	2,080	2,163	2,250	2,340	2,433	2,531	2,632	2,737	2,847	2,960	As Equipment
Vhct-06	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-07	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-09	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-10	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-11	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-12	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vhct-26	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vheq-02	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Equipment
Vheq-06	5,000	5,200	5,408	5,624	5,849	6,083	6,327	6,580	6,843	7,117	7,401	As Equipment
Vheq-09	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vheq-10	10,000	10,400	10,816	11,249	11,699	12,167	12,653	13,159	13,686	14,233	14,802	As Equipment
Vheq-23	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vheq-24	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Equipment
Vheq-26 Polaris	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vheq-49 Warehouse Forklift	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Vehicle Miscellaneous	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Staff Certifications	2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929	2,988	3,047	As Miscellaneous
Staff Memberships	3,000	3,060	3,121	3,184	3,247	3,312	3,378	3,446	3,515	3,585	3,657	As Miscellaneous
Permits & Licenses	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Supplies	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Furniture	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
IT Hardware	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
IT Software	71,000	73,130	75,324	77,584	79,911	82,308	84,778	87,321	89,941	92,639	95,418	As Materials & Supplies
Copier/Fax/Ink Expenses	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262	3,360	As Materials & Supplies
Books/Subscriptions	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Janitorial	50,000	51,500	53,045	54,636	56,275	57,964	59,703	61,494	63,339	65,239	67,196	As Materials & Supplies
Facilities Maintenance	106,500	109,695	112,986	116,375	119,867	123,463	127,167	130,982	134,911	138,958	143,127	As Materials & Supplies
Mechanical Maintenance	35,000	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037	As Materials & Supplies
Uniforms	7,000	7,210	7,426	7,649	7,879	8,115	8,358	8,609	8,867	9,133	9,407	As Materials & Supplies
Leases	2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929	2,988	3,047	As Miscellaneous
Material Waste Disposal	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Conference	4,000	4,080	4,162	4,245	4,330	4,416	4,505	4,595	4,687	4,780	4,876	As Miscellaneous
Training	9,000	9,180	9,364	9,551	9,742	9,937	10,135	10,338	10,545	10,756	10,971	As Miscellaneous
Tuition Reimbursement	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Telephone	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441	As Utilities
Flocculation-Mechanical	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	25,335	26,095	26,878	As Materials & Supplies
Bnr Influent Pumping-Mechanical	25,000	25,750	26,523	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	As Materials & Supplies
Bnr-Mechanical	30,000	30,900	31,827	32,782	33,765	34,778	35,822	36,896	38,003	39,143	40,317	As Materials & Supplies
Digestion-Mechanical	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	13,048	13,439	As Materials & Supplies
Dewatering-Mechanical	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
General Buildings And Grounds-Structure	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	25,335	26,095	26,878	As Materials & Supplies
General Buildings And Grounds-Mechanical	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376	As Materials & Supplies
All Facility Purpose-Tools	25,000	25,750	26,523	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	As Materials & Supplies
All Facility Purpose-Oil/Lubricants	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
All Facility Purpose-Bicycles	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
All Facility Purpose-Facility Carts	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
All Facility Purpose-Small Equipment	3,500	3,640	3,786	3,937	4,095	4,258	4,429	4,606	4,790	4,982	5,181	As Equipment
All Facility Purpose-Security	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262	3,360	As Materials & Supplies
All Facility Purpose-Janitorial Supplies	7,000	7,210	7,426	7,649	7,879	8,115	8,358	8,609	8,867	9,133	9,407	As Materials & Supplies
All Facility Purpose-Paint Supplies	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
All Facility Purpose-Miscellaneous	5,000	5,100	5,202	5,306	5,412	5,520	5,631	5,743	5,858	5,975	6,095	As Miscellaneous
Tri-Mechanical	110,000	113,300	116,699	120,200	123,806	127,520	131,346	135,286	139,345	143,525	147,831	As Materials & Supplies
Warehouse Stock	353,000	363,590	374,498	385,733	397,305	409,224	421,500	434,145	447,170	460		

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Electrical & Instrumentation												
Salaries And Wages	\$520,000	\$535,600	\$551,668	\$568,218	\$585,265	\$602,823	\$620,907	\$639,534	\$658,720	\$678,482	\$698,837	As Salaries
CalPERS Pepra Retirement	28,000	29,120	30,285	31,496	32,756	34,066	35,429	36,846	38,320	39,853	41,447	As Benefits - Retirement
CalPERS Classic Retirement	35,000	36,400	37,856	39,370	40,945	42,583	44,286	46,058	47,900	49,816	51,809	As Benefits - Retirement
Worker's Comp	12,000	12,420	12,855	13,305	13,770	14,252	14,751	15,267	15,802	16,355	16,927	As Benefits
Medicare	8,000	8,360	8,736	9,129	9,540	9,969	10,418	10,887	11,377	11,889	12,424	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	5,000	5,225	5,460	5,706	5,963	6,231	6,511	6,804	7,111	7,430	7,765	As Benefits - Medical
Health Insurance	80,000	83,600	87,362	91,293	95,401	99,695	104,181	108,869	113,768	118,888	124,238	As Benefits - Medical
Retiree Health Insurance	67,000	70,015	73,166	76,458	79,899	83,494	87,251	91,178	95,281	99,568	104,049	As Benefits - Medical
Dental Insurance	6,000	6,270	6,552	6,847	7,155	7,477	7,814	8,165	8,533	8,917	9,318	As Benefits - Medical
HRA	8,000	8,320	8,653	8,999	9,359	9,733	10,123	10,527	10,949	11,386	11,842	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Vhcl-20	500	520	541	562	585	608	633	658	684	712	740	As Equipment
Staff Certifications	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Memberships	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
Furniture	4,500	4,635	4,774	4,917	5,065	5,217	5,373	5,534	5,700	5,871	6,048	As Materials & Supplies
It Hardware	5,500	5,665	5,835	6,010	6,190	6,376	6,567	6,764	6,967	7,176	7,392	As Materials & Supplies
It Software	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032	As Materials & Supplies
Books/Subscriptions	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Uniforms	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Leases	12,000	12,240	12,485	12,734	12,989	13,249	13,514	13,784	14,060	14,341	14,628	As Miscellaneous
Electrical Maintenance	31,500	32,445	33,418	34,421	35,454	36,517	37,613	38,741	39,903	41,100	42,333	As Materials & Supplies
Conference	2,000	2,040	2,081	2,122	2,165	2,208	2,252	2,297	2,343	2,390	2,438	As Miscellaneous
Training	10,000	10,200	10,404	10,612	10,824	11,041	11,262	11,487	11,717	11,951	12,190	As Miscellaneous
Telephone	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480	As Utilities
General Buildings And Grounds-Mechanical	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
All Facility Purpose-Tools	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
All Facility Purpose-Radios	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Warehouse Stock	140,000	144,200	148,526	152,982	157,571	162,298	167,167	172,182	177,348	182,668	188,148	As Materials & Supplies
Total Electrical & Instrumentation	\$1,002,000	\$1,035,090	\$1,069,311	\$1,104,704	\$1,141,309	\$1,179,170	\$1,218,333	\$1,258,842	\$1,300,747	\$1,344,097	\$1,388,943	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Information Technology												
Salaries And Wages	\$255,000	\$262,650	\$270,530	\$278,645	\$287,005	\$295,615	\$304,483	\$313,618	\$323,026	\$332,717	\$342,699	As Salaries
CalPERS Classic Retirement	57,000	59,280	61,651	64,117	66,682	69,349	72,123	75,008	78,008	81,129	84,374	As Benefits - Retirement
Worker'S Comp	7,000	7,245	7,499	7,761	8,033	8,314	8,605	8,906	9,218	9,540	9,874	As Benefits
Medicare	7,000	7,315	7,644	7,988	8,348	8,723	9,116	9,526	9,955	10,403	10,871	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	3,000	3,135	3,276	3,423	3,578	3,739	3,907	4,083	4,266	4,458	4,659	As Benefits - Medical
Health Insurance	33,000	34,485	36,037	37,658	39,353	41,124	42,975	44,908	46,929	49,041	51,248	As Benefits - Medical
Retiree Health Insurance	13,000	13,585	14,196	14,835	15,503	16,200	16,929	17,691	18,487	19,319	20,189	As Benefits - Medical
Dental Insurance	3,000	3,135	3,276	3,423	3,578	3,739	3,907	4,083	4,266	4,458	4,659	As Benefits - Medical
HRA	8,000	8,320	8,653	8,999	9,359	9,733	10,123	10,527	10,949	11,386	11,842	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Staff Certifications	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Memberships	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Furniture	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
It Hardware	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	2,688	As Materials & Supplies
It Software	63,000	64,890	66,837	68,842	70,907	73,034	75,225	77,482	79,807	82,201	84,667	As Materials & Supplies
Copier/Fax/Ink Expenses	6,500	6,695	6,896	7,103	7,316	7,535	7,761	7,994	8,234	8,481	8,735	As Materials & Supplies
Uniforms	500	515	530	546	563	580	597	615	633	652	672	As Materials & Supplies
Contractural Services	78,000	80,340	82,750	85,233	87,790	90,423	93,136	95,930	98,808	101,772	104,825	As Salaries
Training	10,000	10,200	10,404	10,612	10,824	11,041	11,262	11,487	11,717	11,951	12,190	As Miscellaneous
Telephone	2,000	2,080	2,163	2,250	2,340	2,433	2,531	2,632	2,737	2,847	2,960	As Utilities
All Facility Purpose-Tools	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
All Facility Purpose-It Scada	35,000	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037	As Materials & Supplies
All Facility Purpose-It Equipment	35,000	36,400	37,856	39,370	40,945	42,583	44,286	46,058	47,900	49,816	51,809	As Equipment
All Facility Purpose-It Computers	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	13,048	13,439	As Materials & Supplies
All Facility Purpose-Security	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720	As Materials & Supplies
Total Information Technology	\$645,000	\$666,190	\$688,096	\$710,742	\$734,155	\$758,361	\$783,389	\$809,265	\$836,021	\$863,688	\$892,296	

	<i>Proposed</i>	<i>Projected</i>										<i>Notes</i>
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Warehouse												
Salaries And Wages	\$86,000	\$88,580	\$91,237	\$93,975	\$96,794	\$99,698	\$102,688	\$105,769	\$108,942	\$112,210	\$115,577	As Salaries
CalPERS Pepra Retirement	7,000	7,280	7,571	7,874	8,189	8,517	8,857	9,212	9,580	9,963	10,362	As Benefits - Retirement
Worker's Comp	4,000	4,140	4,285	4,435	4,590	4,751	4,917	5,089	5,267	5,452	5,642	As Benefits
Medicare	3,000	3,135	3,276	3,423	3,578	3,739	3,907	4,083	4,266	4,458	4,659	As Benefits - Medical
SDI	500	518	536	554	574	594	615	636	658	681	705	As Benefits
Life Insurance	2,000	2,090	2,184	2,282	2,385	2,492	2,605	2,722	2,844	2,972	3,106	As Benefits - Medical
Health Insurance	25,000	26,125	27,301	28,529	29,813	31,155	32,557	34,022	35,553	37,152	38,824	As Benefits - Medical
Dental Insurance	3,000	3,135	3,276	3,423	3,578	3,739	3,907	4,083	4,266	4,458	4,659	As Benefits - Medical
HRA	8,000	8,320	8,653	8,999	9,359	9,733	10,123	10,527	10,949	11,386	11,842	As Benefits - Retirement
Cobra	500	523	546	571	596	623	651	680	711	743	776	As Benefits - Medical
Staff Certifications	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Staff Memberships	500	510	520	531	541	552	563	574	586	598	609	As Miscellaneous
Furniture	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
Uniforms	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	As Materials & Supplies
Conference	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195	1,219	As Miscellaneous
General Buildings And Grounds-Structure	10,000	10,200	10,404	10,612	10,824	11,041	11,262	11,487	11,717	11,951	12,190	As Miscellaneous
Warehouse Supplies - Misc	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063	As Materials & Supplies
Total Warehouse	\$159,000	\$164,325	\$169,837	\$175,542	\$181,448	\$187,562	\$193,892	\$200,445	\$207,231	\$214,257	\$221,532	
Additional O&M												
Staffing Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	As Salaries
Total Additional O&M	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total O&M Expenses	\$18,084,500	\$18,825,104	\$19,538,187	\$20,231,252	\$20,928,236	\$21,722,880	\$22,423,624	\$23,212,210	\$24,029,417	\$24,876,315	\$25,826,615	
Rate Funded Capital	\$0	\$1,650,000	\$4,810,000	\$4,700,000	\$5,470,000	\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000	\$3,215,987 FY 2021 Dep. Exp.

	<i>Proposed</i>		<i>Projected</i>									<i>Notes</i>
	<i>FY 2023</i>	<i>FY 2024</i>	<i>FY 2025</i>	<i>FY 2026</i>	<i>FY 2027</i>	<i>FY 2028</i>	<i>FY 2029</i>	<i>FY 2030</i>	<i>FY 2031</i>	<i>FY 2032</i>	<i>FY 2033</i>	
Debt Service												
2020 WWTP Rev Ref Bond	\$2,425,000	\$2,550,000	\$2,680,000	\$2,815,000	\$2,960,000	\$0	\$0	\$0	\$0	\$0	\$0	Debt Schedule
Assumed Revenue Bond (Fund 2)	0	0	269,067	476,632	572,416	876,077	1,106,706	1,333,490	1,575,650	1,833,185	1,875,467	Calc'd @ 4.5% for 20 yrs
Assumed Revenue Bond (Fund 6)	0	(0)	(0)	1,153,142	1,153,142	1,153,142	1,153,142	1,153,142	1,153,142	1,153,142	1,153,142	Calc'd @ 4.5% for 20 yrs
Additional Long-Term Debt	0	0	0	0	0	0	0	(0)	(0)	(0)	(0)	Calc'd @ 4.5% for 20 yrs
<i>Total Debt Service</i>	<i>\$2,425,000</i>	<i>\$2,550,000</i>	<i>\$2,949,066</i>	<i>\$4,444,774</i>	<i>\$4,685,558</i>	<i>\$2,029,219</i>	<i>\$2,259,848</i>	<i>\$2,486,632</i>	<i>\$2,728,792</i>	<i>\$2,986,327</i>	<i>\$3,028,609</i>	
<i>LESS: Other Funding</i>												
Connection Fees	\$1,775,100	\$1,866,600	\$1,961,760	\$2,060,580	\$2,166,720	\$0	\$0	(\$0)	(\$0)	(\$0)	(\$0)	
Net Debt Service	\$649,900	\$683,400	\$987,306	\$2,384,194	\$2,518,838	\$2,029,219	\$2,259,848	\$2,486,632	\$2,728,792	\$2,986,327	\$3,028,609	
Reserve Funding												
To / (From) General Fund	(\$1,319,885)	\$3,142,252	\$2,023,567	\$901,696	\$69,279	\$885,888	\$1,045,064	\$420,015	\$549,049	\$732,921	\$1,151,942	
To / (From) Wastewater Capital Reserve Fund (Fund 2)	0	0	0	0	0	0	0	0	0	0	0	
To / (From) Replace, Rehab, and Upgrade Fund (Fund 6)	0	2,500,000	0	0	0	0	0	0	0	0	0	
To / (From) Emergency & Contingency Reserve Fund	0	0	0	0	0	0	0	0	0	0	0	
Total Reserve Funding	(\$1,319,885)	\$5,642,252	\$2,023,567	\$901,696	\$69,279	\$885,888	\$1,045,064	\$420,015	\$549,049	\$732,921	\$1,151,942	
Total Revenue Requirement	\$17,414,515	\$26,800,756	\$27,359,061	\$28,217,143	\$28,986,353	\$30,137,988	\$31,228,535	\$31,618,857	\$32,807,259	\$34,095,564	\$35,507,167	
Bal. / (Def.) of Funds	\$0	(\$9,029,082)	(\$9,431,328)	(\$10,092,025)	(\$10,667,581)	(\$11,588,975)	(\$12,450,351)	(\$12,606,558)	(\$13,551,779)	(\$14,591,224)	(\$15,751,567)	
Balance a % of Rate Adj. Req'd	0.0%	70.0%	72.8%	77.5%	81.5%	88.1%	94.1%	94.9%	101.5%	108.7%	116.8%	
Proposed Rate Adjustment	0.0%	70.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	
<i>Months of Adjustment</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	
Add'l Revenue with Rate Adj.	\$0	\$9,029,082	\$9,845,536	\$10,697,061	\$11,585,075	\$12,511,056	\$13,476,542	\$14,483,130	\$15,532,484	\$16,626,333	\$17,766,476	
Bal. / (Def.) After Rate Adj.	\$0	\$0	\$414,209	\$605,035	\$917,493	\$922,081	\$1,026,191	\$1,876,572	\$1,980,705	\$2,035,109	\$2,014,909	
Add'l Rate Adj. Req'd	0.0%	0.0%	-3.2%	-4.6%	-7.0%	-7.0%	-7.8%	-14.1%	-14.8%	-15.2%	-14.9%	
Annual Residential Customer Bill												
Customer Bill on Proposed Adjustment	\$306.00	\$520.20	\$538.41	\$557.25	\$576.76	\$596.94	\$617.83	\$639.46	\$661.84	\$685.00	\$708.98	
Bill Difference - Monthly		214.20	18.21	18.84	19.50	20.19	20.89	21.62	22.38	23.16	23.98	
Cumulative Bill Difference		214.20	232.41	251.25	270.76	290.94	311.83	333.46	355.84	379.00	402.98	
Monthly Residential Customer Bill												
Customer Bill on Proposed Adjustment	\$25.50	\$43.35	\$44.87	\$46.44	\$48.06	\$49.75	\$51.49	\$53.29	\$55.15	\$57.08	\$59.08	
Bill Difference - Monthly		17.85	1.52	1.57	1.63	1.68	1.74	1.80	1.87	1.93	2.00	
Cumulative Bill Difference		17.85	19.37	20.94	22.56	24.25	25.99	27.79	29.65	31.58	33.58	
Debt Service Coverage Ratio (all debt)												
Before Rate Adjustment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
After Proposed Rate Adjustment	0.00	3.13	2.79	1.93	1.92	4.60	4.35	4.14	3.94	3.77	3.86	

	<i>Proposed</i>	<i>Projected</i>										Notes
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	
Reserve Funds												
Beginning Reserve Balance	\$39,947,489	\$34,981,504	\$36,747,260	\$27,822,661	\$26,049,357	\$22,736,223	\$25,491,080	\$27,164,072	\$29,576,455	\$32,032,552	\$34,522,309	
General Fund												
Beginning Balance	\$10,805,720	\$9,485,835	\$12,628,088	\$5,678,849	\$4,559,458	\$1,241,145	\$3,049,114	\$5,120,369	\$7,416,956	\$9,946,710	\$12,714,740	
Plus: Additions	0	3,142,252	2,023,567	901,696	69,279	885,888	1,045,064	420,015	549,049	732,921	1,151,942	
Ending Fund Balance	0	0	414,209	605,035	917,493	922,081	1,026,191	1,876,572	1,980,705	2,035,109	2,014,909	
Less: Uses of Funds	(1,319,885)	0	(9,387,014)	(2,626,122)	(4,305,086)	0	0	0	0	0	0	
Ending Balance	\$9,485,835	\$12,628,088	\$5,678,849	\$4,559,458	\$1,241,145	\$3,049,114	\$5,120,369	\$7,416,956	\$9,946,710	\$12,714,740	\$15,881,592	\$13,168,589
Target: 60% of O&M + UAL	\$11,372,100	\$11,858,629	\$12,330,984	\$12,774,718	\$13,213,453	\$13,716,500	\$14,164,257	\$14,665,812	\$15,185,676	\$15,724,535	\$16,326,665	
Wastewater Capital Reserve Fund (Fund 2)												
Beginning Balance	\$16,964,929	\$16,629,509	\$16,098,796	\$15,643,812	\$14,989,898	\$14,995,078	\$15,415,828	\$14,680,436	\$13,680,708	\$12,658,136	\$11,603,890	
Plus: Additions	0	0	0	0	0	0	0	0	0	0	0	
Connection Fees	2,129,000	2,139,645	2,150,343	2,161,095	2,171,900	2,182,760	2,193,674	2,204,642	2,215,665	2,226,744	2,237,877	As Customer Growth
Less: Uses of Funds	(2,464,420)	(2,670,359)	(2,605,327)	(2,815,009)	(2,166,720)	(1,762,010)	(2,929,066)	(3,204,370)	(3,238,237)	(3,280,990)	(3,336,572)	
Ending Balance	\$16,629,509	\$16,098,796	\$15,643,812	\$14,989,898	\$14,995,078	\$15,415,828	\$14,680,436	\$13,680,708	\$12,658,136	\$11,603,890	\$10,505,196	\$10,505,195
Target: 50% of 5-yr proj. capital	\$5,168,515	\$7,679,860	\$10,242,513	\$11,247,915	\$12,714,819	\$15,407,336	\$14,494,617	\$13,509,535	\$12,506,576	\$11,445,206	\$10,343,503	
Replace, Rehab, and Upgrade Fund (Fund 6)												
Beginning Balance	\$8,176,839	\$4,866,159	\$4,020,376	\$2,500,000	\$2,500,000	\$2,500,000	\$3,026,137	\$3,363,267	\$4,478,791	\$5,427,705	\$6,203,678	
Plus: Additions	0	2,500,000	0	0	0	526,137	337,130	1,115,524	948,914	775,973	(255,297)	
Balance: From Operating	0	0	0	0	0	0	0	0	0	0	0	
Less: Uses of Funds	(3,310,680)	(3,345,783)	(1,520,376)	0	0	0	0	0	0	0	0	
Ending Balance	\$4,866,159	\$4,020,376	\$2,500,000	\$2,500,000	\$2,500,000	\$3,026,137	\$3,363,267	\$4,478,791	\$5,427,705	\$6,203,678	\$5,948,381	\$4,723,381
Target: 50% of 5-yr proj. capital	\$28,062,531	\$28,894,122	\$28,977,666	\$23,311,209	\$14,423,691	\$11,898,161	\$12,288,878	\$12,813,134	\$13,649,044	\$14,388,835	\$15,156,738	
Emergency & Contingency Reserve Fund												
Beginning Balance	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	
Plus: Additions	0	0	0	0	0	0	0	0	0	0	0	
Balance: From Operating	0	0	0	0	0	0	0	0	0	0	0	
Less: Uses of Funds	0	0	0	0	0	0	0	0	0	0	0	
Ending Balance	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	
Target: \$4 Million	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	
Ending Reserve Balance	\$34,981,504	\$36,747,260	\$27,822,661	\$26,049,357	\$22,736,223	\$25,491,080	\$27,164,072	\$29,576,455	\$32,032,552	\$34,522,309	\$36,335,169	
Total Unrestricted	\$18,351,995	\$20,648,464	\$12,178,850	\$11,059,459	\$7,741,145	\$10,075,251	\$12,483,636	\$15,895,747	\$19,374,416	\$22,918,418	\$25,829,973	
Target	\$43,434,631	\$44,752,751	\$45,308,650	\$40,085,927	\$31,637,143	\$29,614,661	\$30,453,135	\$31,478,946	\$32,834,720	\$34,113,371	\$35,483,403	
Total Restricted	\$16,629,509	\$16,098,796	\$15,643,812	\$14,989,898	\$14,995,078	\$15,415,828	\$14,680,436	\$13,680,708	\$12,658,136	\$11,603,890	\$10,505,196	
Target	\$5,168,515	\$7,679,860	\$10,242,513	\$11,247,915	\$12,714,819	\$15,407,336	\$14,494,617	\$13,509,535	\$12,506,576	\$11,445,206	\$10,343,503	

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	Total	Notes
Capital Reserve Funded													
Equipment/Vehicle Warehouse	\$0	\$0	\$2,488,896	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,488,896	
Control Room Upgrades #02 & #13 - HVAC	0	0	0	0	0	0	0	0	0	0	0	0	
Gravity Main between MH 57 and MH 62	0	0	0	0	0	0	0	0	0	0	1,042,553	5,624,276	50% RRU
Gravity Main between MH 71 and MH 72	0	0	0	0	0	0	0	0	0	0	0	1,566,885	50% RRU
Effluent Disposal Field Expansion Project	0	0	0	0	0	0	0	0	0	0	1,829,549	9,869,899	
WAS Thickening Improvements Project	0	0	0	0	0	0	0	0	0	0	59,591	321,477	88% RRU
Offsite Flow Equalization Improvements Project	0	0	0	0	0	0	0	0	0	0	0	19,803,156	
WASSTRIP Implementation	0	0	0	0	0	951,949	988,123	1,025,672	1,064,648	1,105,104	0	5,135,497	
Nitrified Effluent Recycle Pilot	0	0	49,778	422,750	0	0	0	0	0	0	0	472,528	
Flow Equalization Improvements Project	0	0	0	0	0	0	0	0	0	0	461,743	2,490,974	
Biogas Storage Project	0	0	0	0	0	0	0	0	0	0	0	5,229,241	
Flowmeter Improvements	75,000	0	0	0	0	0	0	0	0	0	0	75,000	
Manlift	60,000	0	0	0	0	0	0	0	0	0	0	60,000	
BNR Structural Retrofit and Nitrified Effluent Recycle Project	0	0	0	0	0	277,150	287,682	298,613	309,961	321,739	0	1,495,145	
Disinfection Process Modernization	0	467,100	0	0	0	4,007,827	4,160,125	4,318,210	4,482,302	4,652,629	0	22,088,193	
Develop Standards	241,000	0	0	0	0	0	0	0	0	0	72,601	419,020	
Upgrade Reports	0	0	0	107,365	0	0	0	0	0	0	0	203,268	
Improve Physical Security	147,000	0	0	0	170,650	0	0	0	0	0	0	513,333	
Plant Coating Improvements	57,600	0	85,334	0	0	0	0	0	0	0	0	142,934	88% RRU
Lime Systems Improvements	0	27,403	0	0	0	0	0	0	0	0	0	27,403	88% RRU
Maintenance/E&I Shop Improvements	0	0	0	0	110,052	0	0	0	0	0	0	110,052	88% RRU
River Crossing, Gravity Main (MH 33 and MH 35)	27,720	57,021	236,492	0	0	0	0	0	0	0	0	321,234	89% RRU
River Crossing, Gravity Main (MH 65 and MH 66)	0	0	0	6,710	12,538	10,411	10,807	11,217	11,644	12,086	0	75,413	88% RRU
River Crossing, Gravity Main (MH 88 and MH 89)	0	0	0	22,368	41,792	34,704	36,023	37,392	38,812	40,287	0	251,378	60% RRU
TRI Renewal Program	0	0	0	0	0	118,210	122,702	127,365	132,205	137,229	142,443	3,447,922	88% RRU
Primary and Secondary Treatment Repairs	0	0	7,253	30,800	31,971	0	0	0	0	0	0	70,025	88% RRU
Phosphorus Removal and Recarb Rehabilitation	0	0	50,631	214,999	223,169	0	0	0	0	0	0	488,799	88% RRU
Plant Wide Electrical Improvements (Phase 1)	0	0	41,245	42,812	0	0	0	0	0	0	0	84,056	88% RRU
Plant Wide Electrical Improvements (Phase 2)	0	0	0	0	0	135,056	140,188	145,516	151,045	156,785	0	728,591	88% RRU
Plant Wide Electrical Improvements (Phase 3)	0	0	0	0	0	0	0	0	0	0	46,349	250,037	88% RRU
Plant Wide Electrical Improvements (Phase 4)	0	0	0	0	0	0	0	0	0	0	0	56,634	88% RRU
Plant Wide Electrical Improvements (Phase 5)	0	0	0	0	0	0	0	0	0	0	0	788,905	88% RRU
Grit System Improvements	0	0	0	0	0	62,467	64,841	67,305	69,862	72,517	0	336,993	88% RRU
Primary & Secondary Treatment Rehab Project	0	0	144,356	612,988	636,281	0	0	0	0	0	0	1,393,625	88% RRU
Recarbonation Improvements	0	0	0	0	0	15,617	16,210	16,826	17,466	18,129	0	84,248	88% RRU
TWAS Pump Replacement Project	0	0	0	0	19,503	0	0	0	0	0	0	19,503	88% RRU
Solids Dewatering Improvements	0	0	0	0	0	14,749	15,310	15,891	16,495	17,122	0	79,568	88% RRU
Filtration Rehabilitation Project	0	0	0	0	0	35,572	36,923	38,326	39,783	41,295	0	191,899	88% RRU
AWT Improvements	0	0	0	0	0	48,296	50,132	52,037	54,014	56,067	0	260,545	88% RRU
Odorous Air Treatment Improvements Project	0	0	0	0	0	0	0	0	0	0	0	106,461	88% RRU
MPPS Improvements Project	0	0	0	0	0	0	0	0	0	0	89,212	481,275	88% RRU
Misc Plant Rehab Project	0	0	0	0	0	0	0	0	0	0	142,531	768,912	88% RRU
Plant Air System Upgrades	0	0	121,600	114,746	0	0	0	0	0	0	0	236,347	88% RRU
Digestion Improvements Project	81,000	252,234	917,982	1,878,890	0	0	0	0	0	0	0	3,130,106	88% RRU
Total Capital Reserve Funded	\$689,320	\$803,759	\$4,143,567	\$3,454,429	\$1,245,955	\$5,712,010	\$5,929,066	\$6,154,370	\$6,388,237	\$6,630,990	\$3,886,572	\$91,789,651	

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	Total	Notes
Replace, Rehab, and Upgrade Funded													
River Crossing, Gravity Main (MH 33 and MH 35)	\$224,280	\$461,356	\$1,913,439	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,599,075	89% RRU
River Crossing, Gravity Main (MH 65 and MH 66)	0	0	0	49,209	91,942	76,349	79,250	82,262	85,387	88,632	0	553,031	88% RRU
River Crossing, Gravity Main (MH 88 and MH 89)	0	0	0	33,552	62,688	52,056	54,034	56,087	58,219	60,431	0	377,067	60% RRU
TRI Renewal Program	0	0	0	0	0	866,876	899,818	934,011	969,503	1,006,344	1,044,585	25,284,760	88% RRU
Visible Reinforcement Study	105,000	0	0	0	0	15,665	16,260	16,878	17,520	18,185	0	189,508	
2022 TRI Improvements Project	0	0	0	0	0	0	0	0	0	0	0	0	
Plant Coating Improvements	422,400	0	625,779	0	0	0	0	0	0	0	0	1,048,179	88% RRU
Lab Equipment Replacements	80,000	30,448	63,210	0	0	0	0	0	0	0	0	173,658	
Lime Systems Improvements	0	200,957	0	0	0	0	0	0	0	0	0	200,957	88% RRU
Chlorine Scrubber Improvements	1,150,000	0	0	0	0	0	0	0	0	0	0	1,150,000	
Translucent Panel Rehab	0	0	71,111	0	0	0	0	0	0	0	0	71,111	
Centrifuge Rebuild	50,000	0	0	0	0	0	0	0	0	0	0	50,000	
Communications Network Replacement	0	0	248,890	0	0	0	0	0	0	0	0	248,890	
Odorous Air Biofilter Media Replacement	0	0	0	55,919	0	0	0	0	0	0	0	55,919	
Control Room Upgrades #02 and #13	185,000	0	0	0	0	0	0	0	0	0	0	185,000	
Maintenance/E&I Shop Improvements	0	0	0	0	807,048	0	0	0	0	0	0	807,048	88% RRU
Plant-wide NFPA 820 Compliance Evaluation	0	125,598	0	0	0	0	0	0	0	0	0	125,598	
Chemical Storage and Feed System Improvements	0	0	0	0	0	84,350	87,555	90,882	94,336	97,921	0	455,044	
Primary and Secondary Treatment Repairs	0	0	53,191	225,869	234,452	0	0	0	0	0	0	513,513	88% RRU
Phosphorus Removal and Recarb Rehabilitation	0	0	371,296	1,576,657	1,636,570	0	0	0	0	0	0	3,584,523	88% RRU
Plant Wide Electrical Improvements (Phase 1)	0	0	302,460	313,954	0	0	0	0	0	0	0	616,414	88% RRU
Harmonic Filter Replacement For Area 71	0	148,434	0	0	0	0	0	0	0	0	0	148,434	
Plant Wide Electrical Improvements (Phase 2)	0	0	0	0	0	990,413	1,028,049	1,067,115	1,107,665	1,149,756	0	5,342,997	88% RRU
Condition Assessment and Inspection	0	148,434	0	0	0	0	0	0	0	0	0	148,434	
Plant Wide Electrical Improvements (Phase 3)	0	0	0	0	0	0	0	0	0	0	339,890	1,833,608	88% RRU
Digestion Improvements Project	594,000	1,849,716	6,731,870	13,778,526	0	0	0	0	0	0	0	22,954,112	88% RRU
Plant Wide Electrical Improvements (Phase 4)	0	0	0	0	0	0	0	0	0	0	0	415,319	88% RRU
Plant Wide Electrical Improvements (Phase 5)	0	0	0	0	0	0	0	0	0	0	0	5,785,304	88% RRU
2-Water System Improvements	0	39,963	170,667	0	0	0	0	0	0	0	0	210,630	
Grit System Improvements	0	0	0	0	0	458,093	475,500	493,569	512,325	531,793	0	2,471,279	88% RRU
LEL Equipment Replacement	0	0	379,260	0	0	0	0	0	0	0	0	379,260	
Primary & Secondary Treatment Rehab Project	0	0	1,058,610	4,495,244	4,666,063	0	0	0	0	0	0	10,219,918	88% RRU
Recarbonation Improvements	0	0	0	0	0	114,523	118,875	123,392	128,081	132,948	0	617,820	88% RRU
TWAS Pump Replacement Project	0	0	0	0	143,021	0	0	0	0	0	0	143,021	88% RRU
Solids Dewatering Improvements	0	0	0	0	0	108,161	112,271	116,537	120,966	125,562	0	583,496	88% RRU
Filtration Rehabilitation Project	0	0	0	0	0	260,858	270,771	281,060	291,740	302,827	0	1,407,256	88% RRU
AWT Improvements	0	0	0	0	0	354,173	367,632	381,602	396,103	411,155	0	1,910,665	88% RRU
Building Roof Replacements	0	0	1,268,152	0	1,552,104	605,874	628,897	652,795	677,601	703,350	730,077	20,492,173	
Odorous Air Treatment Improvements Project	0	0	0	0	0	0	0	0	0	0	0	780,716	88% RRU
Asphalt Sealing and Replacement Project	0	0	201,482	0	0	81,940	85,054	88,286	91,641	95,123	98,738	2,591,479	
MPPS Improvements Project	0	0	0	0	0	0	0	0	0	0	654,224	3,529,351	88% RRU
Misc Plant Rehab Project	0	0	0	0	0	0	0	0	0	0	1,045,224	5,638,689	88% RRU
Plant Air System Upgrades	0	0	891,736	841,474	0	0	0	0	0	0	0	1,733,210	88% RRU
Odorous Air VFD Replacement	35,000	39,963	0	0	0	0	0	0	0	0	0	74,963	
Replace Servers	250,000	0	0	0	0	301,250	312,697	0	0	0	363,006	3,569,433	
Upgrade Networks	0	188,397	195,556	0	0	0	0	0	0	0	0	1,572,444	
Replace Pilot PLCs (4)	0	227,104	314,312	222,447	0	0	0	0	0	0	0	2,219,817	
Replace WRP PLCs (13)	0	0	421,216	397,475	412,579	428,257	444,530	0	0	0	0	4,608,738	
Replace RTUs (14)	0	0	0	162,446	168,619	175,026	181,677	0	0	0	0	1,384,573	
BNR Blower Replacement	0	28,545	0	27,960	0	0	0	0	0	0	0	56,505	
Arc Flash Study/Breaker Replacement	20,000	0	0	0	0	0	0	0	0	0	0	20,000	
Filter Press Feed Pump VFD Replacement	45,000	51,381	0	0	0	0	0	0	0	0	0	96,381	
Cake Discharge VFD Replacement	35,000	0	0	0	0	0	0	0	0	0	0	35,000	
SCADA Repeater Replacement	50,000	0	0	0	0	0	0	0	0	0	0	50,000	
Front Entry Landscape Improvements	0	856,350	404,042	0	0	0	0	0	0	0	0	1,260,392	
Telephone System Upgrade	40,000	0	0	0	0	0	0	0	0	0	0	40,000	
2-Water Valve Replacements	0	85,635	0	0	0	0	0	0	0	0	0	85,635	
VFD Replacements	0	34,254	0	33,552	0	0	0	0	0	0	0	67,806	
Gravity Main between MH 57 and MH 62	0	0	0	0	0	0	0	0	0	0	1,042,553	5,624,276	50% RRU
Gravity Main between MH 71 and MH 72	0	0	0	0	0	0	0	0	0	0	0	1,566,885	50% RRU
WAS Thickening Improvements Project	0	0	0	0	0	0	0	0	0	0	437,001	2,357,496	88% RRU
Maintenance Carts	25,000	0	31,111	0	0	0	0	0	0	0	0	56,111	
Cashman CAT Skid Steer Loader	0	78,208	0	0	0	0	0	0	0	0	0	78,208	
Cashman CAT 938M Wheel Loader w/ stand equip	0	297,240	0	0	0	0	0	0	0	0	0	297,240	
Light vehicle replacement	0	103,800	0	111,839	0	0	0	0	0	0	0	215,639	
Total Replace, Rehab, and Upgrade Funded	\$3,310,680	\$4,995,783	\$15,717,390	\$22,326,122	\$9,775,086	\$4,973,863	\$5,162,870	\$4,384,476	\$4,551,086	\$4,724,027	\$5,755,297	\$152,964,006	

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	Total	Notes
Future Capital Projects	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,500,000	
Transfer to Fund 6 Reserves	\$0	\$0	\$0	\$0	\$0	\$526,137	\$337,130	\$1,115,524	\$948,914	\$775,973	(\$255,297)	\$14,878,098	
Total Capital Improvement Projects	\$4,000,000	\$5,799,541	\$19,860,958	\$25,780,551	\$11,021,041	\$11,212,010	\$11,429,066	\$11,654,370	\$11,888,236	\$12,130,990	\$9,386,572	\$265,131,755	
Less: Outside Funding Sources													
General Fund	\$0	\$0	\$9,387,014	\$2,626,122	\$4,305,086	\$0	\$0	\$0	\$0	\$0	\$0	\$16,318,223	
Wastewater Capital Reserve Fund (Fund 2)	689,320	803,759	643,567	754,429	0	1,762,010	2,929,066	3,204,370	3,238,237	3,280,990	3,336,572	49,978,696	
Replace, Rehab, and Upgrade Fund (Fund 6)	3,310,680	3,345,783	1,520,376	0	0	0	0	0	0	0	0	8,603,881	
Emergency & Contingency Reserve Fund	0	0	0	0	0	0	0	0	0	0	0	0	
Secured Debt (SRF)	0	0	0	0	0	0	0	0	0	0	0	0	
Assumed Revenue Bond (Fund 2)	0	0	3,500,000	2,700,000	1,245,955	3,950,000	3,000,000	2,950,000	3,150,000	3,350,000	550,000	41,810,955	
Assumed Revenue Bond (Fund 6)	0	(0)	0	15,000,000	0	0	0	0	0	0	0	16,290,001	
Additional Revenue Bonds	0	0	0	0	0	0	0	(0)	(0)	0	0	(0)	
Total Funding Sources	\$4,000,000	\$4,149,541	\$15,050,958	\$21,080,551	\$5,551,041	\$5,712,010	\$5,929,066	\$6,154,370	\$6,388,236	\$6,630,990	\$3,886,572	\$133,001,755	
Rate Funded Capital	\$0	\$1,650,000	\$4,810,000	\$4,700,000	\$5,470,000	\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000	\$132,130,000	





TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Crystal Sublet, Finance and Administrative Manager
Item: IV-7
Subject: Discussion of Proposition 218 draft notice to property owners.

Background

Upon acceptance of the Sewer Rate Study and direction by the Board to implement the study a Proposition 218 process must be executed. This process requires a public hearing to be held before the increases may be approved. Additionally, Proposition 218 requires notices of the proposed rate increase to be sent to property owners a minimum of 45 days prior to the public hearing.

This agenda item is to present a draft of the required Proposition 218 notice to the public of proposed rate increases.

Fiscal Impact

None.

Attachments

Draft will be presented at the Board of Directors meeting.

Recommendation

None, for discussion purposes only.

Review Tracking

Submitted By: *Crystal A Sublet*
Crystal Sublet
Finance and Administrative Manager

Approved By: *Richard Pallante*
Richard Pallante
General Manager



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Jay Parker, Engineering Manager
Item: IV-8
Subject: Review and discussion of Agency owned property for current and future use.

Background

The Agency owns approximately 937 acres in Martis Valley. The attached presentation will be given at the Board of Directors meeting describing current and future uses of this property. The information has been organized into a series of map overlays to provide better clarity as to the large number of current, planned and potential uses of the land.

Fiscal Impact

None.


Attachments


Presentation of Agency property maps with overlays.

Recommendation

None.







Review Tracking

Submitted By: 
Jay Parker
Engineering Manager

Approved By: 
Richard Pallante
General Manager

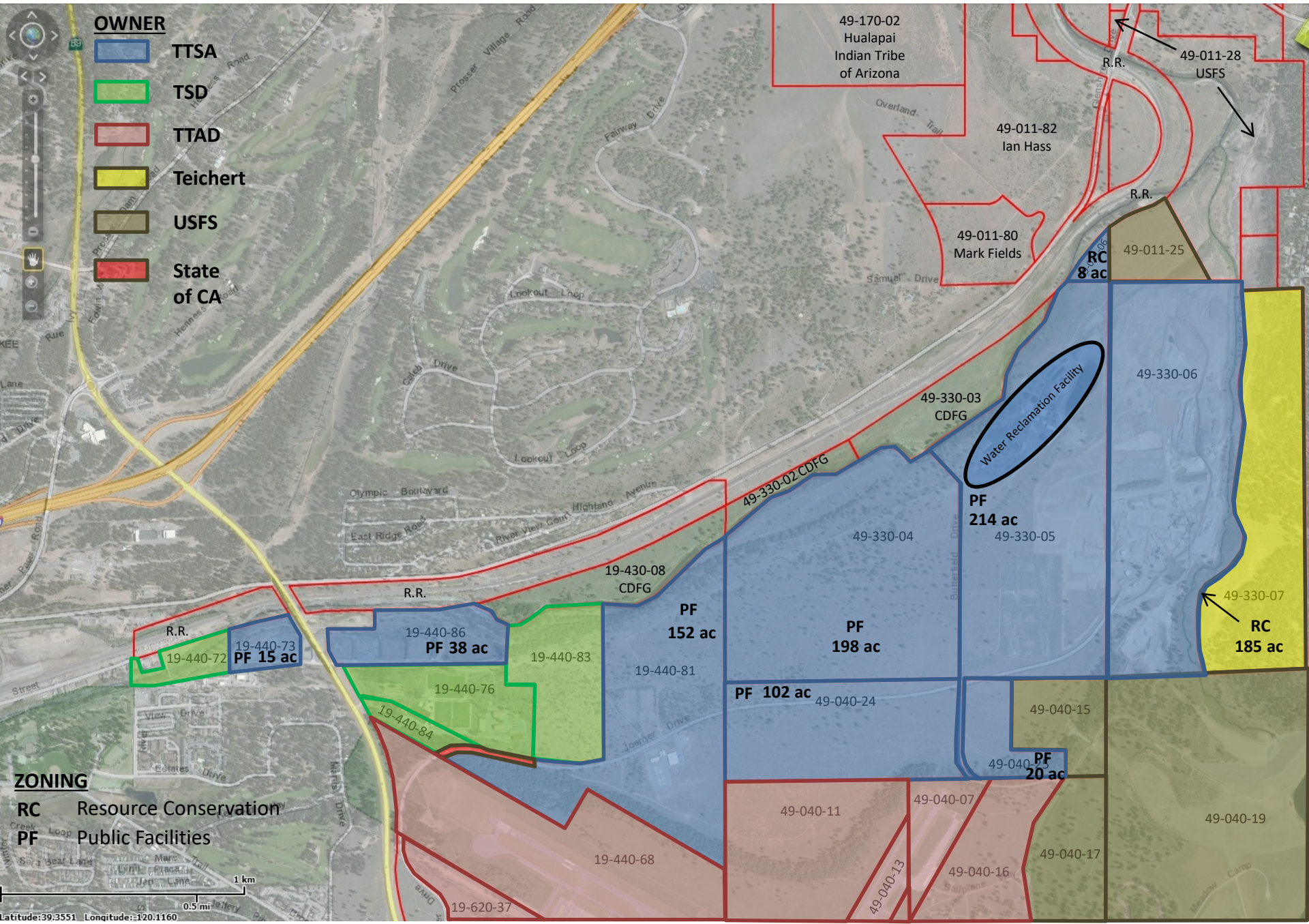
LAND OWNERSHIP

OWNER

-  TTSA
-  TSD
-  TTAD
-  Teichert
-  USFS
-  State of CA

ZONING

- RC** Resource Conservation
- PF** Public Facilities



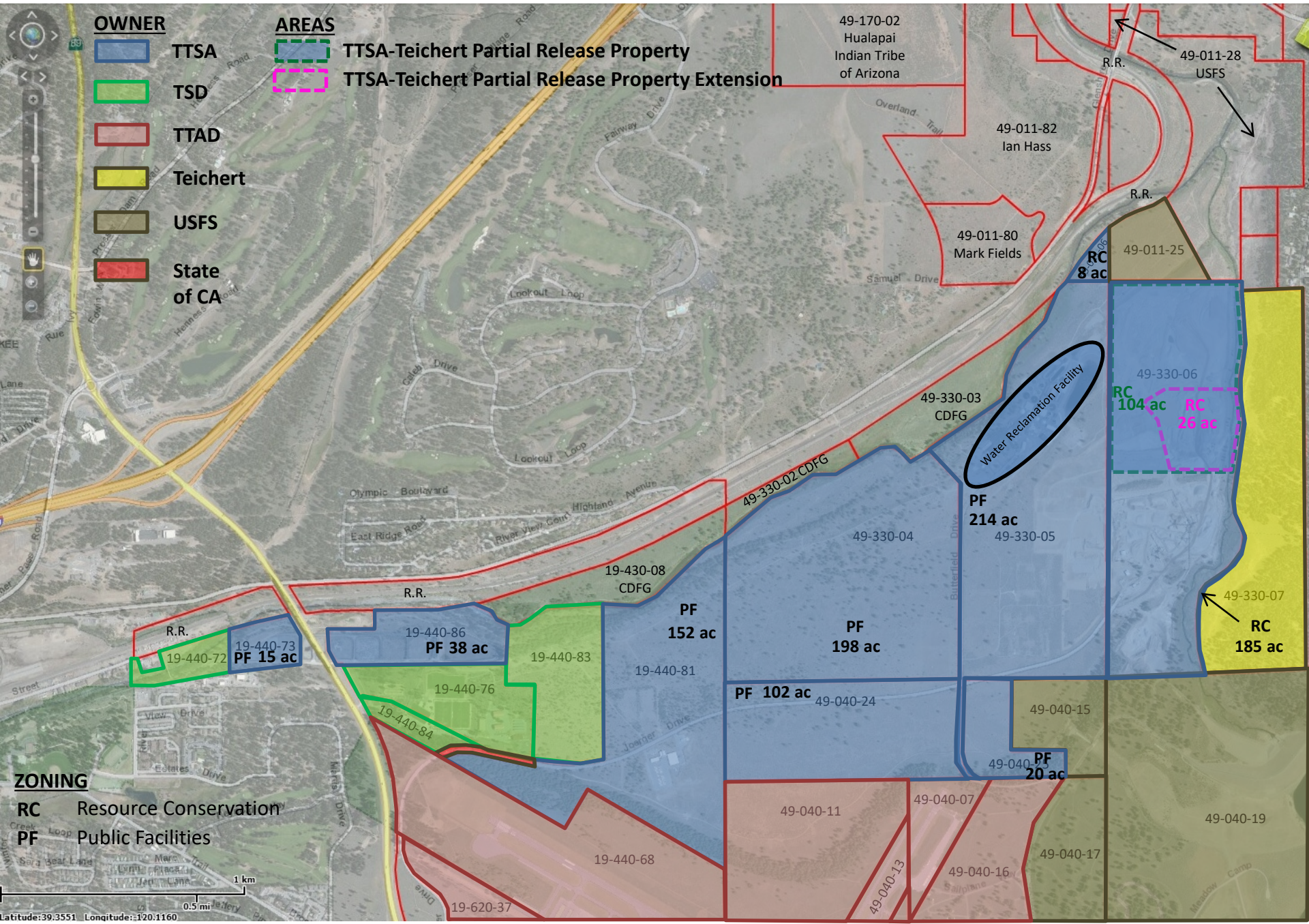
RECLAIMED PROPERTY

OWNER

- TTSA
- TSD
- TTAD
- Teichert
- USFS
- State of CA

AREAS

- TTSA-Teichert Partial Release Property
- TTSA-Teichert Partial Release Property Extension

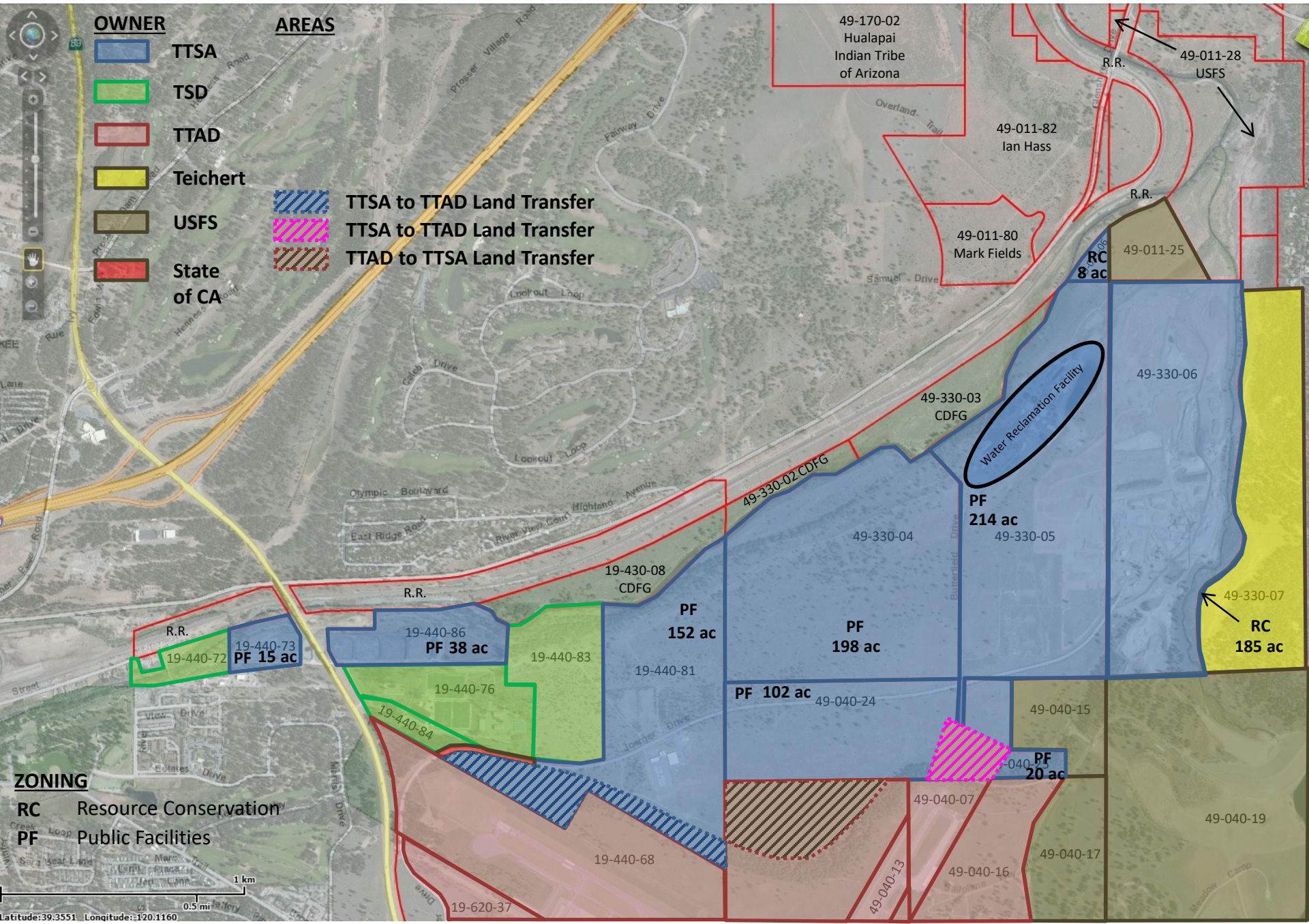


1 km

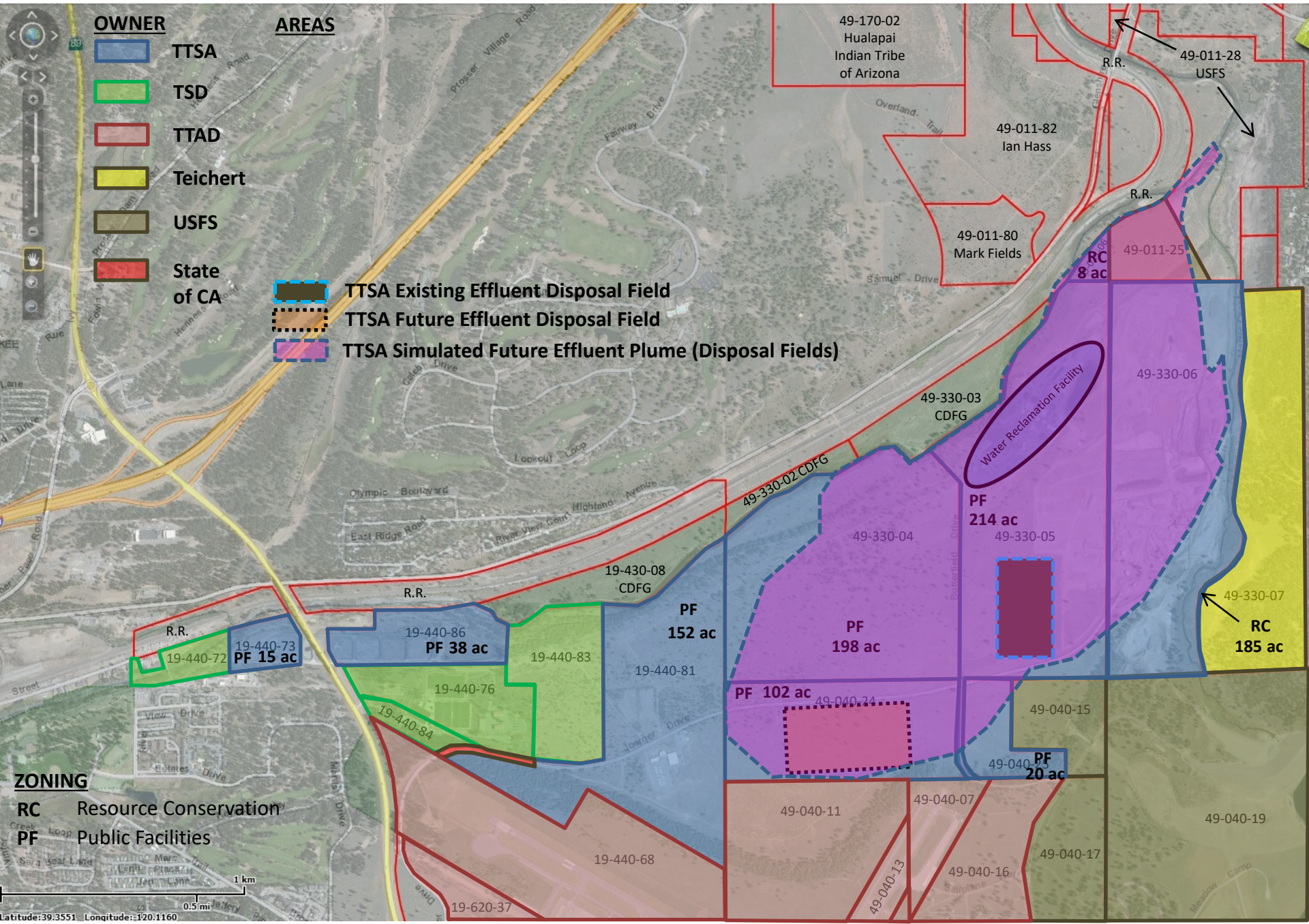
0.5 mi

Latitude: 39.3551 Longitude: 120.1160

AIRPORT LAND TRANSFERS



EFFLUENT DISPOSAL



OWNER

- TTSA
- TSD
- TTAD
- Teichert
- USFS
- State of CA

AREAS

- TTSA Existing Effluent Disposal Field
- TTSA Future Effluent Disposal Field
- TTSA Simulated Future Effluent Plume (Disposal Fields)

ZONING

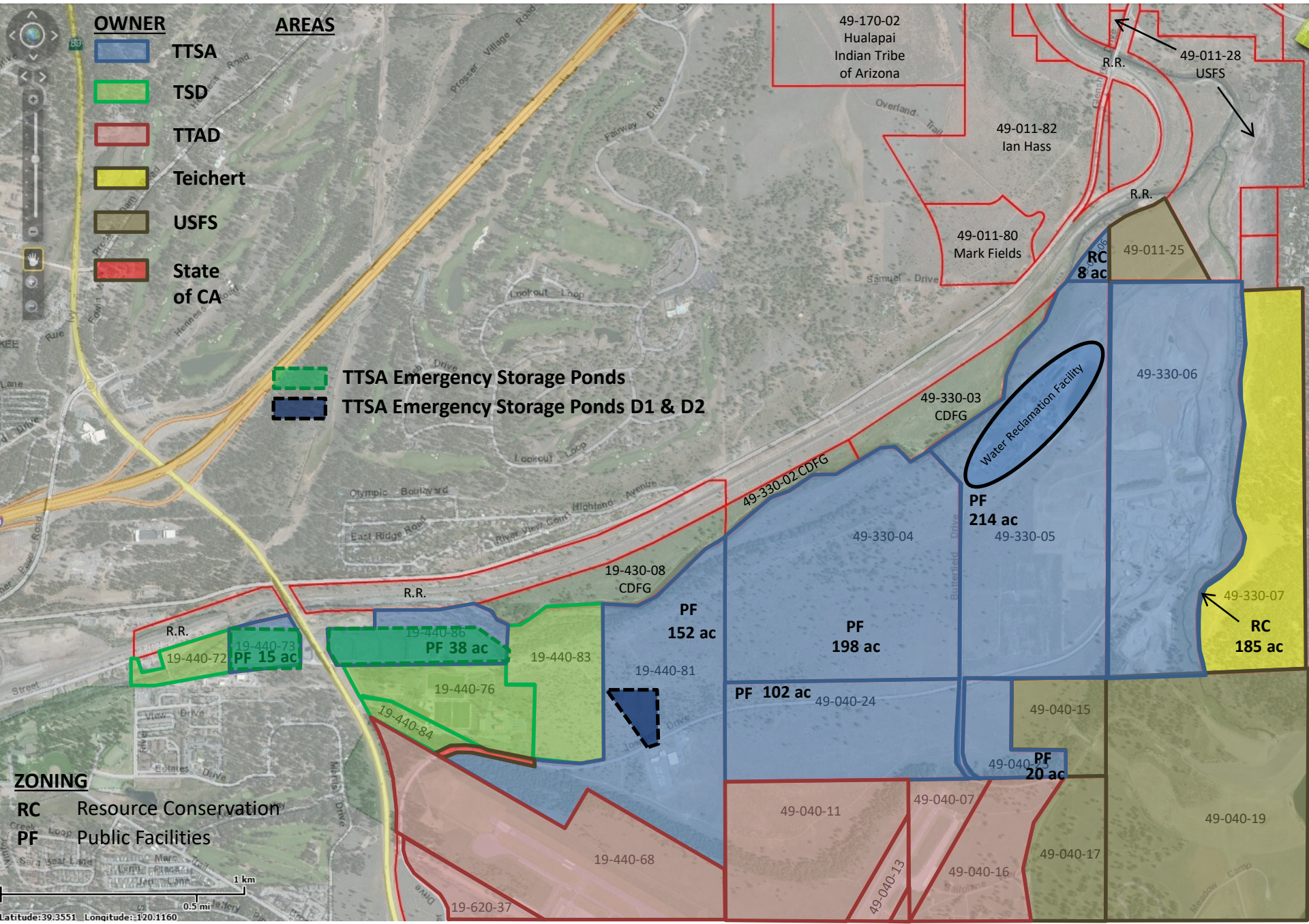
- RC** Resource Conservation
- PF** Public Facilities

1 km

0.5 mi

Latitude: 39.3551 Longitude: 120.1160

EMERGENCY STORAGE



OWNER

- TTSA
- TSD
- TTAD
- Teichert
- USFS
- State of CA

AREAS

- TTSA Emergency Storage Ponds
- TTSA Emergency Storage Ponds D1 & D2

ZONING

- RC** Resource Conservation
- PF** Public Facilities

1 km

0.5 mi

Latitude: 39.3551 Longitude: 120.1160

49-170-02
Hualapai
Indian Tribe
of Arizona

49-011-28
USFS

49-011-82
Ian Hass

49-011-80
Mark Fields

49-011-25

49-330-03
CDFG

49-330-06

Water Reclamation Facility

PF
214 ac

49-330-05

49-330-07
RC
185 ac

19-430-08
CDFG

PF
152 ac

PF
198 ac

19-440-72
PF
15 ac

19-440-86
PF
38 ac

19-440-83

19-440-81

PF
102 ac

49-040-24

49-040-15

PF
20 ac

49-040-11

49-040-07

49-040-19

19-440-68

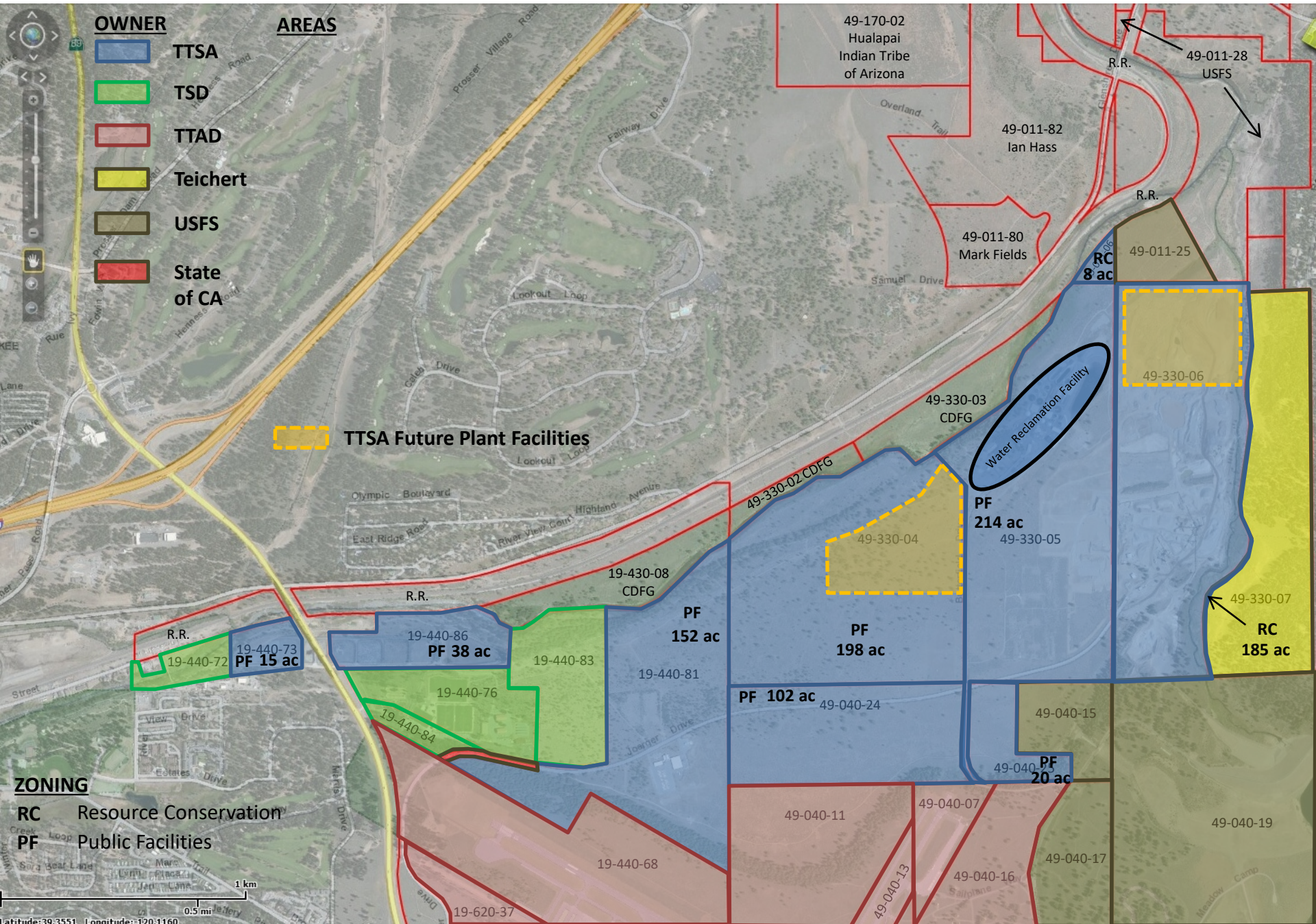
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19-620-37

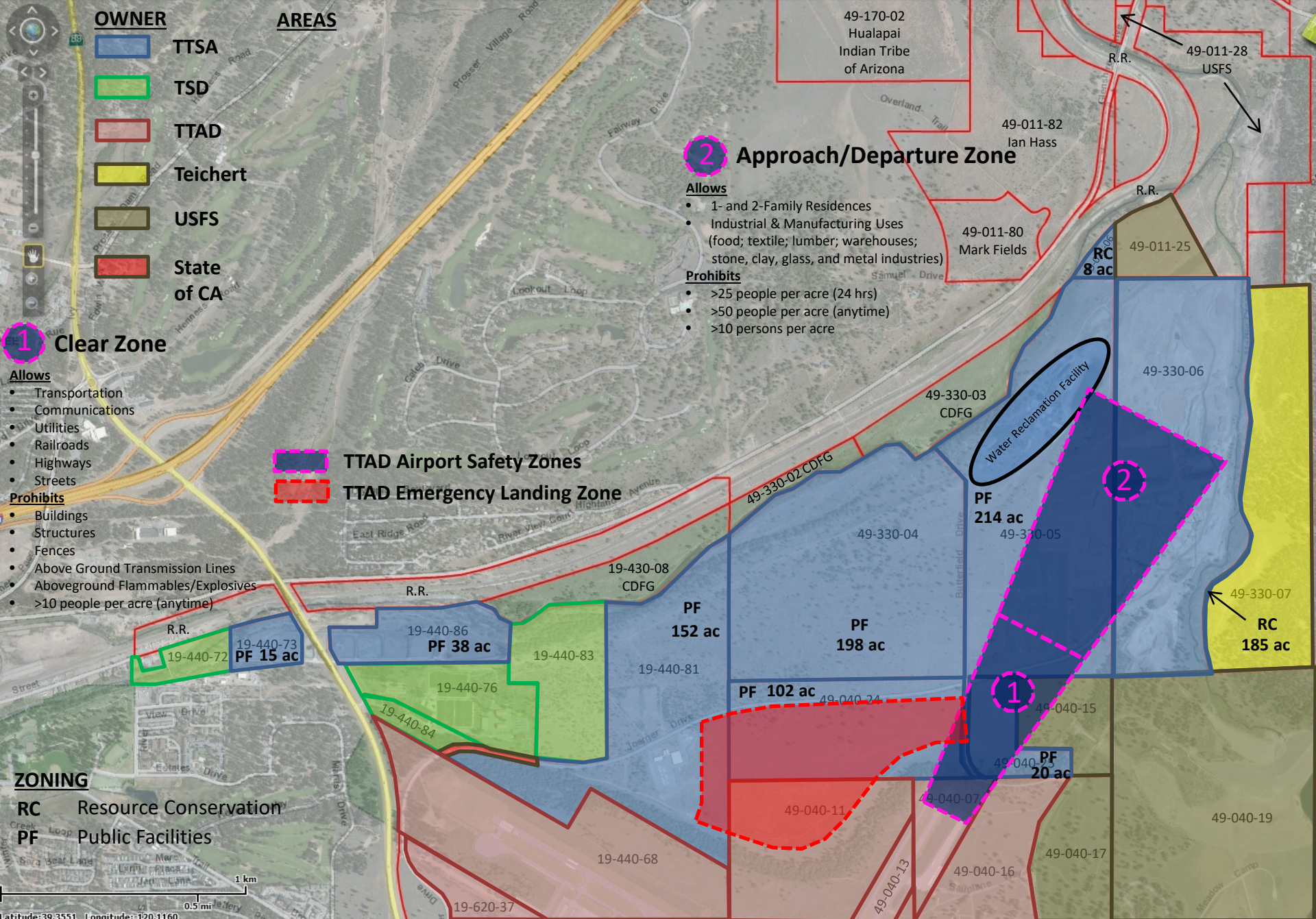
49-040-13

49-040-16

FUTURE PLANT FACILITIES



AIRPORT SAFETY



OWNER

- TTSA
- TSD
- TTAD
- Teichert
- USFS
- State of CA

AREAS

1 Clear Zone

Allows

- Transportation
- Communications
- Utilities
- Railroads
- Highways
- Streets

Prohibits

- Buildings
- Structures
- Fences
- Above Ground Transmission Lines
- Aboveground Flammables/Explosives
- >10 people per acre (anytime)

2 Approach/Departure Zone

Allows

- 1- and 2-Family Residences
- Industrial & Manufacturing Uses (food; textile; lumber; warehouses; stone, clay, glass, and metal industries)

Prohibits

- >25 people per acre (24 hrs)
- >50 people per acre (anytime)
- >10 persons per acre

 TTAD Airport Safety Zones

 TTAD Emergency Landing Zone

ZONING

- RC Resource Conservation
- PF Public Facilities

1 km

0.5 mi

Latitude: 39.3551 Longitude: 120.1160

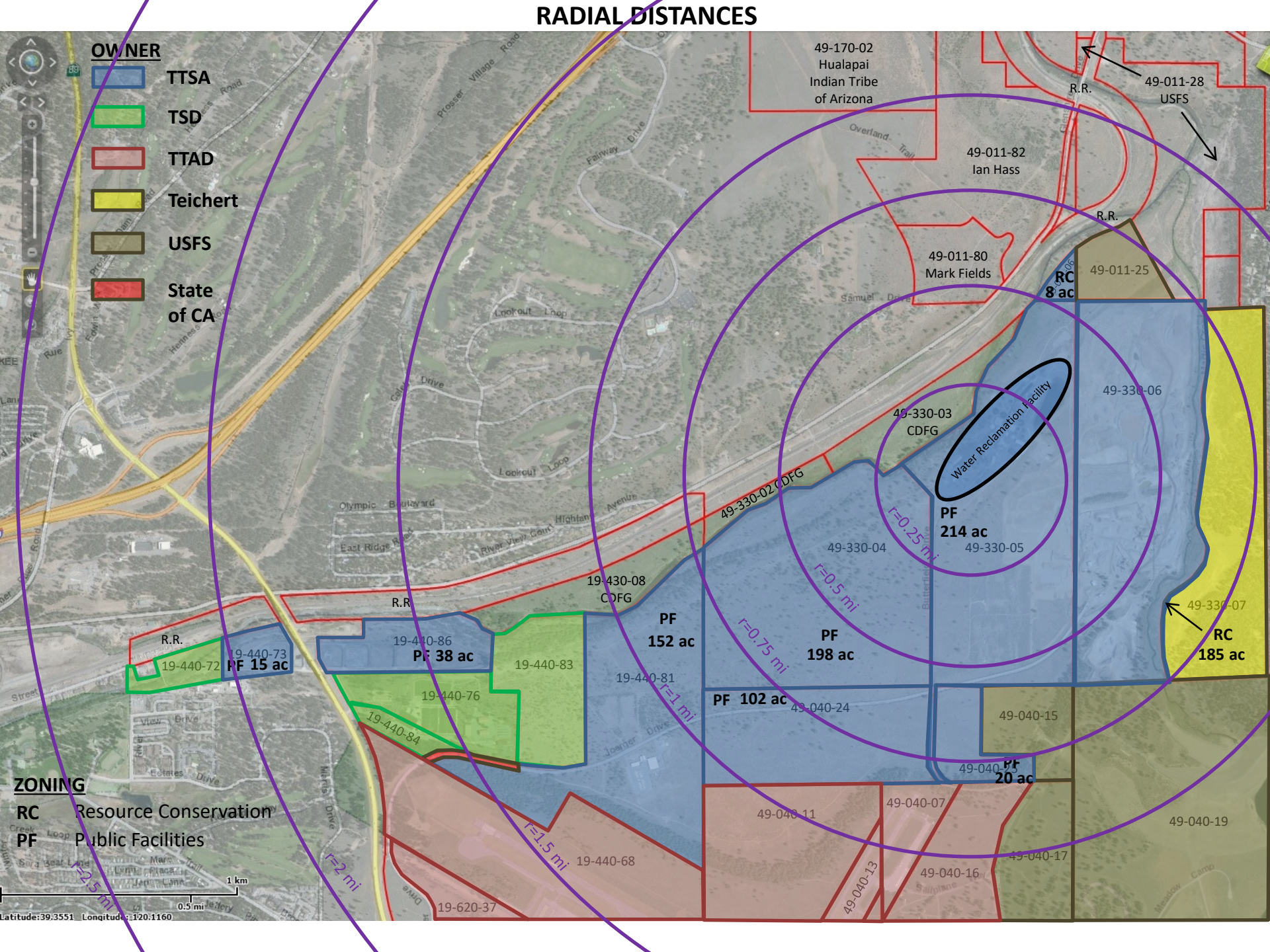
RADIAL DISTANCES

OWNER

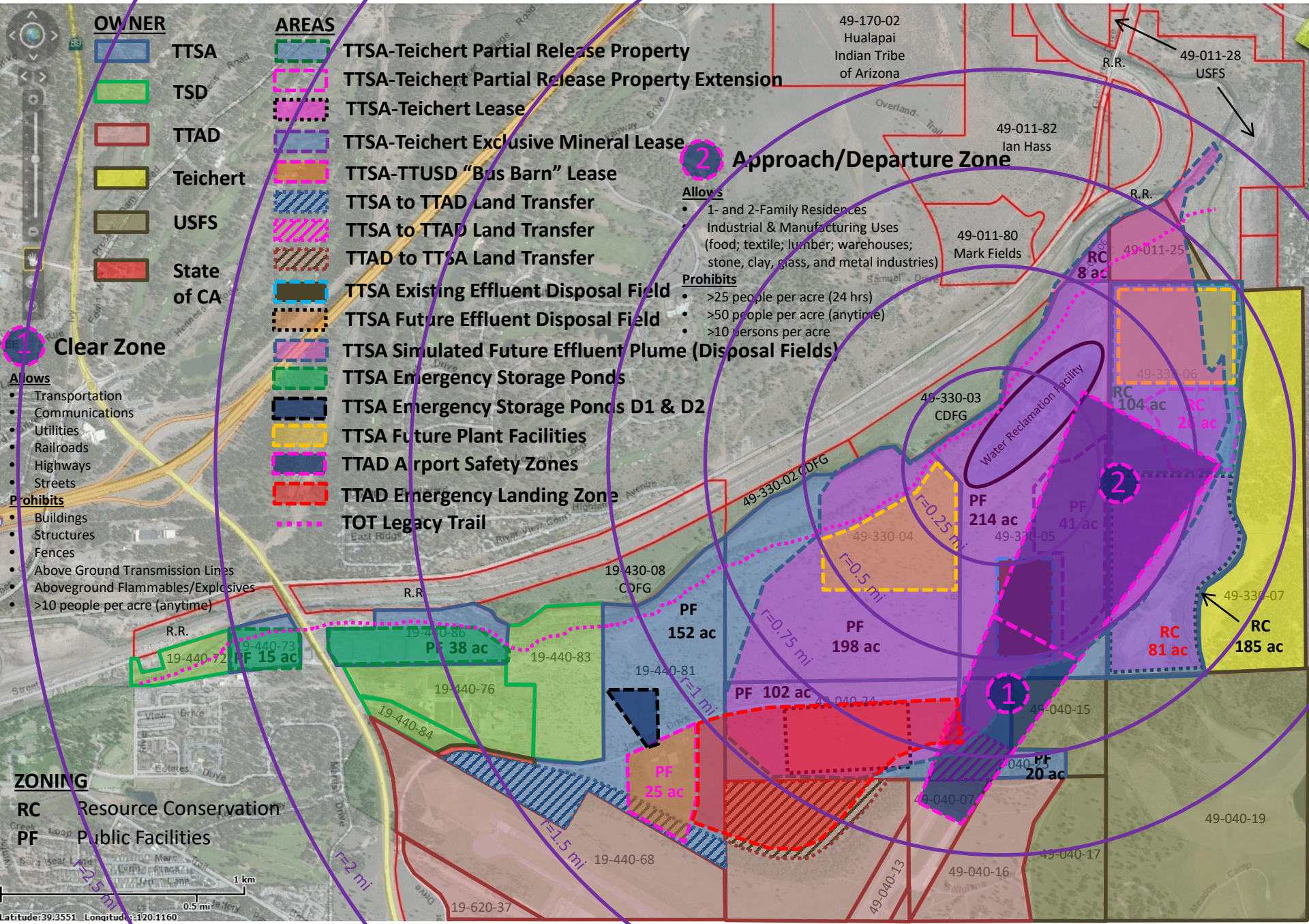
- TTSA
- TSD
- TTAD
- Teichert
- USFS
- State of CA

ZONING

- RC** Resource Conservation
- PF** Public Facilities



PUTTING IT ALL TOGETHER



OWNER

- TTSA
- TSD
- TTAD
- Teichert
- USFS
- State of CA

AREAS

- TTSA-Teichert Partial Release Property
- TTSA-Teichert Partial Release Property Extension
- TTSA-Teichert Lease
- TTSA-Teichert Exclusive Mineral Lease
- TTSA-TTUSD "Bus Barn" Lease
- TTSA to TTAD Land Transfer
- TTSA to TTAD Land Transfer
- TTAD to TTSA Land Transfer
- TTSA Existing Effluent Disposal Field
- TTSA Future Effluent Disposal Field
- TTSA Simulated Future Effluent Plume (Disposal Fields)
- TTSA Emergency Storage Ponds
- TTSA Emergency Storage Ponds D1 & D2
- TTSA Future Plant Facilities
- TTAD Airport Safety Zones
- TTAD Emergency Landing Zone
- TOT Legacy Trail

Approach/Departure Zone

- Allows**
- 1- and 2-Family Residences
 - Industrial & Manufacturing Uses (food; textile; lumber; warehouses; stone, clay, glass, and metal industries)
- Prohibits**
- >25 people per acre (24 hrs)
 - >50 people per acre (anytime)
 - >10 persons per acre

Clear Zone

- Allows**
- Transportation
 - Communications
 - Utilities
 - Railroads
 - Highways
 - Streets
- Prohibits**
- Buildings
 - Structures
 - Fences
 - Above Ground Transmission Lines
 - Aboveground Flammables/Explosives
 - >10 people per acre (anytime)

ZONING

- RC** Resource Conservation
- PF** Public Facilities



TAHOE-TRUCKEE SANITATION AGENCY
MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Richard Pallante, General Manager
Item: V-1
Subject: Department Reports.

Background

Department reports for previous and current month(s).

Fiscal Impact

None.


Attachments

1. Operations Department Report.
2. Maintenance Department Report.
3. Engineering Department Report.
4. Administrative Department Report.

Recommendation

No action required.

Review Tracking

Submitted By: 
Richard Pallante
General Manager



TAHOE-TRUCKEE SANITATION AGENCY OPERATIONS DEPARTMENT REPORT

Date: February 15, 2023
To: Board of Directors
From: Michael Peak, Operations Department Manager
Subject: Operations Department Report

Compliance:

- All plant waste discharge requirements were met for the month.
- For the Monitoring and Reporting Program (MRP), one of the four Influent, Biological Oxygen Demand (BOD₅) sample was not reported due to a quality control issue. Non-compliance of the MRP was reported to Lahontan.

Operations:

- Plant performed well through the month.
- Sodium Hypochlorite pilot project for effluent disinfection was put in-service.
- Sodium Hydroxide was added to the final effluent to maintain a neutral pH for a portion of the month.
- Digester #29 cleaning project completed, and the digester is back in-service.
- Water Information Management Solution (WIMS) implementation is ongoing. Hach's initial configuration has been completed. Staff are currently working to complete internal configuration set-up.

Operations Work Orders:

- Completed this month: 0
- Pending: 2

Laboratory:

- Staff performed necessary laboratory testing.
- Staff assisted with implementation of the Sodium Hypochlorite disinfection system.
- Lab staff in the process of implementing quality systems improvements.

Laboratory Corrective Actions:

- Completed this month: 2
- Pending: 0

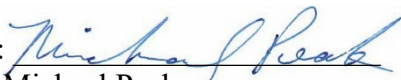
Plant Data:


Influent Flow Description	MG
Monthly average daily ⁽¹⁾	4.48
Monthly maximum instantaneous ⁽¹⁾	8.67
Maximum 7- day average	6.83

Effluent Limitation Description ⁽²⁾	WDR Monthly Average		WDR Daily Maximum	
	<i>Recorded</i>	<i>Limit</i>	<i>Recorded</i>	<i>Limit</i>
Suspended Solids (mg/l)	1.5	10.0	2.7	20.0
Turbidity (NTU)	NA	NA	3.1	10.0
Total Phosphorus (mg/l)	0.38	0.80	0.98	1.50
Chemical Oxygen Demand (mg/l)	31	45	47	60

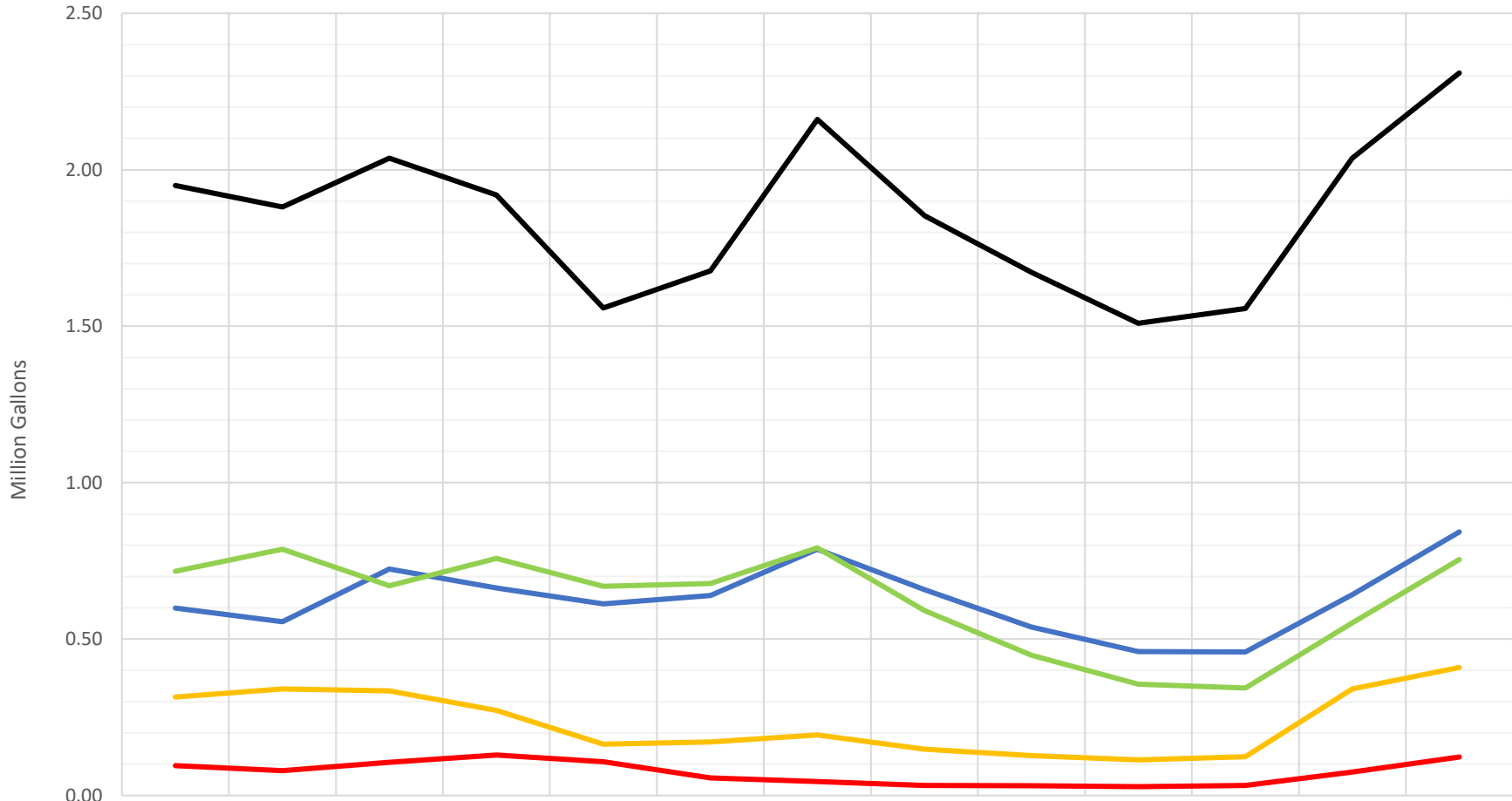
- Notes:
1. Flows are depicted in the attached graph.
 2. Effluent table data per WDR reportable frequency. Attached graphs depict all recorded data.

Review Tracking:

Submitted By: 
 Michael Peak
 Operations Manager

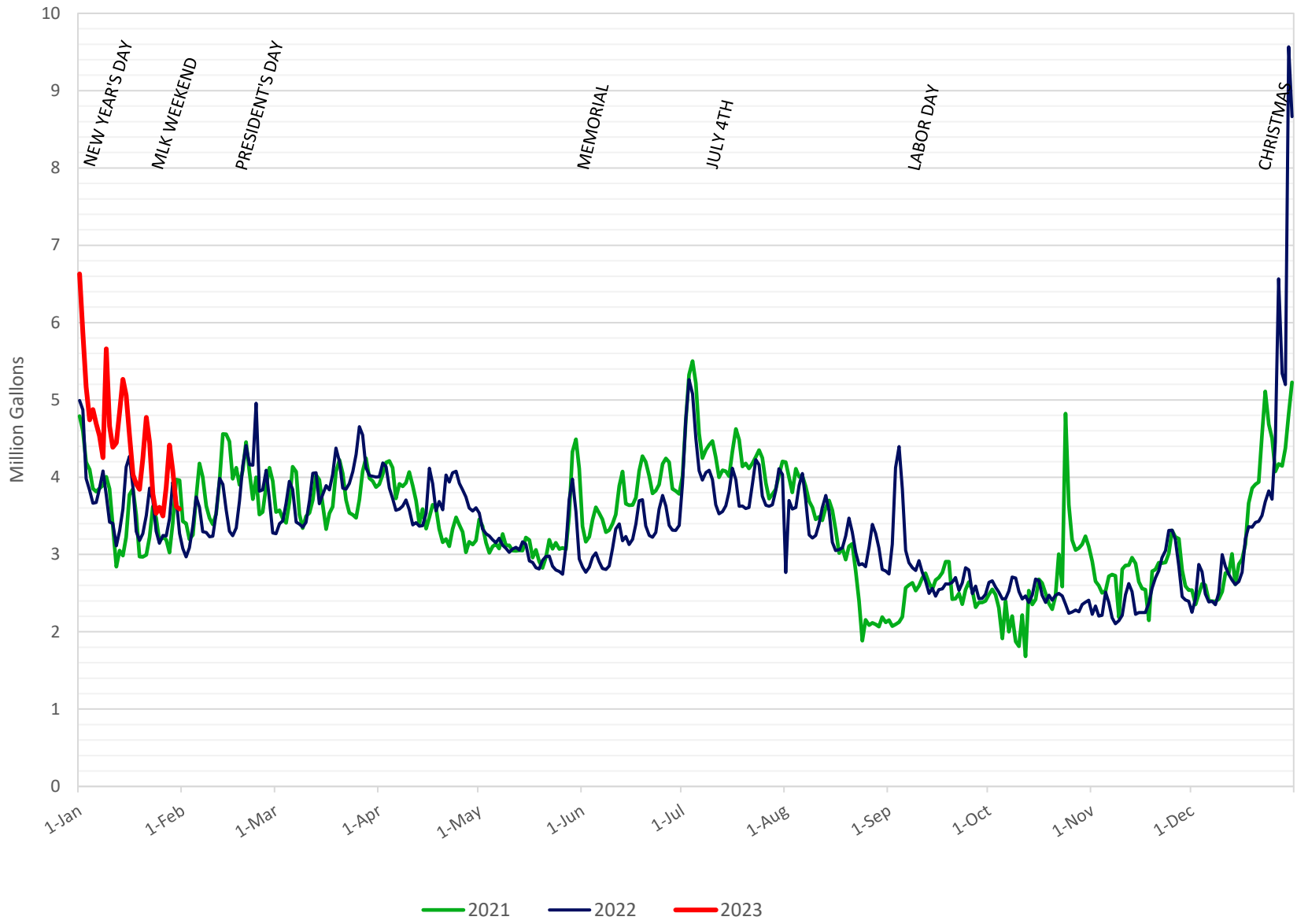
Approved By: 
 Richard Pallante
 Interim General Manager

Monthly Average Daily Flow (Districts)

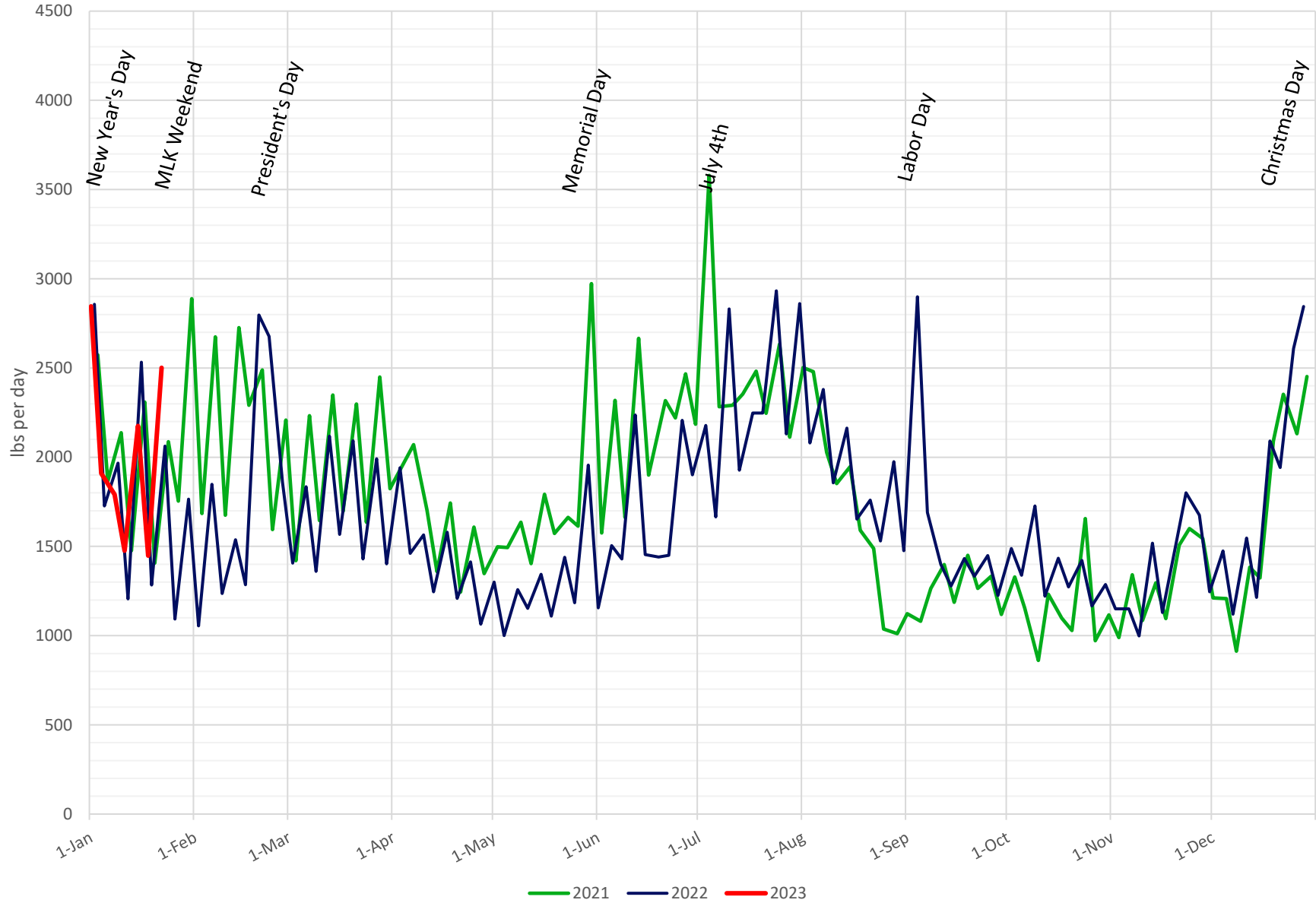


	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23
NTPUD	0.60	0.56	0.72	0.66	0.61	0.64	0.79	0.66	0.54	0.46	0.46	0.64	0.84
TCPUD	0.72	0.79	0.67	0.76	0.67	0.68	0.79	0.59	0.45	0.36	0.34	0.55	0.75
ASCWD	0.10	0.08	0.11	0.13	0.11	0.06	0.04	0.03	0.03	0.03	0.03	0.07	0.12
OVPSD	0.31	0.34	0.33	0.27	0.16	0.17	0.19	0.15	0.13	0.11	0.12	0.34	0.41
TSD	1.95	1.88	2.04	1.92	1.56	1.68	2.16	1.85	1.67	1.51	1.56	2.04	2.31

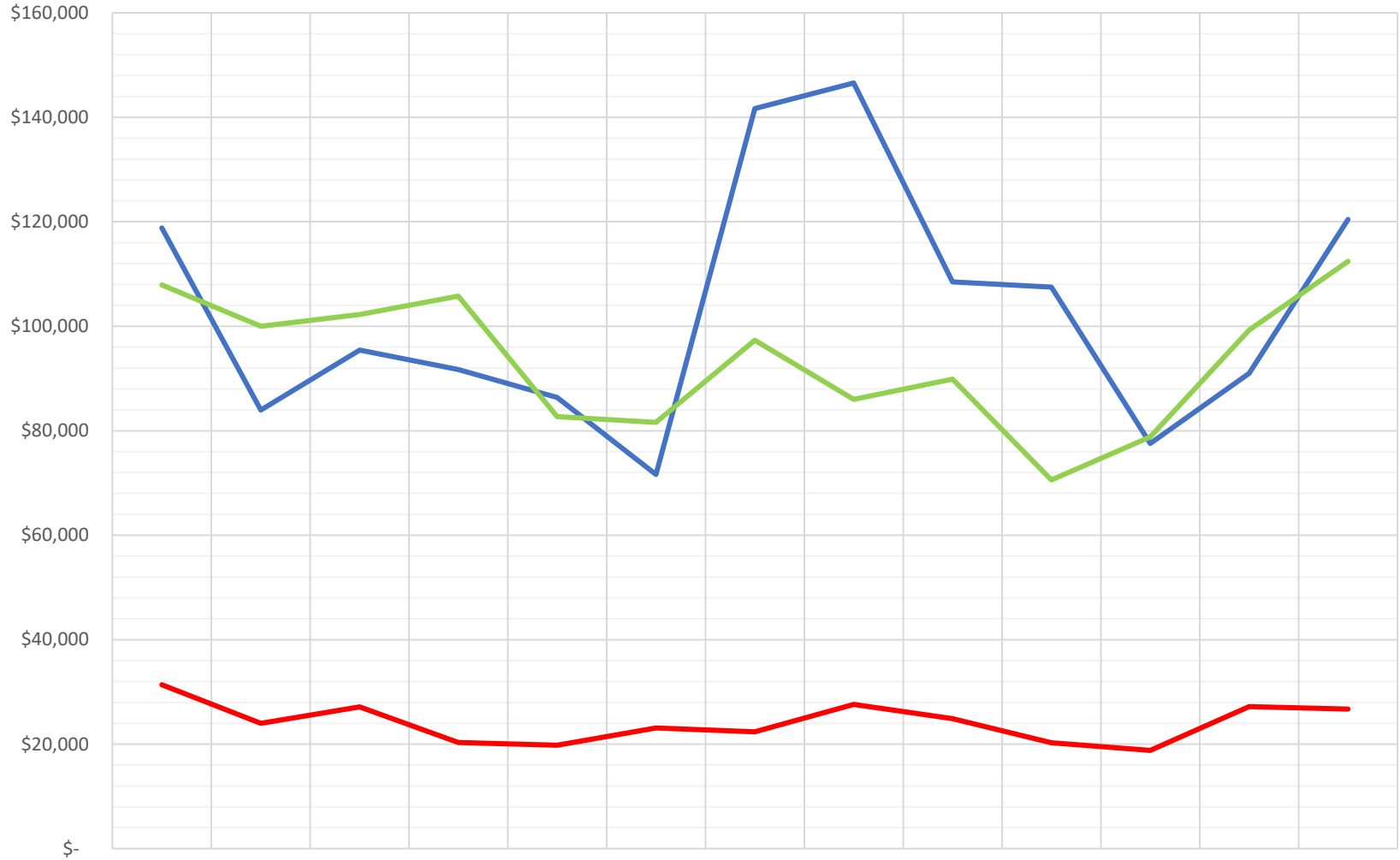
T-TSA Daily Influent Flow



TKN Influent Loading



Chemical, Power and Sludge Disposal Costs



	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23
— Chemical	\$118,832	\$83,965	\$95,430	\$91,716	\$86,354	\$71,623	\$141,666	\$146,572	\$108,468	\$107,489	\$77,582	\$91,000	\$120,444
— Power	\$107,937	\$100,001	\$102,266	\$105,788	\$82,689	\$81,617	\$97,324	\$86,012	\$89,878	\$70,580	\$78,822	\$99,246	\$112,421
— Sludge Disposal	\$31,373	\$23,978	\$27,158	\$20,336	\$19,784	\$23,098	\$22,347	\$27,626	\$24,891	\$20,280	\$18,808	\$27,209	\$26,725



TAHOE-TRUCKEE SANITATION AGENCY MAINTENANCE DEPARTMENT REPORT

Date: February 15, 2023
To: Board of Directors
From: Tanner McGinnis, Interim Maintenance Manager
Subject: Maintenance Report

◆ **Project support:** In the month of January, Maintenance staff provided support for the following projects:

- Firewall configuration and install.
- New TTSA Web Site.
- SCADA/IT Master Plan implementation.
- Lucity CMMS Project.
- LIMS Project Support.
- WIMS Project Support.
- Chlorine Scrubber Project.
- Sodium Hypochlorite Project.


◆ **Plant Maintenance activities:** Maintenance staff performed tasks on the following items:


- Completed repair of Boiler 2 pressure vessel
- Upgraded electrical overloads to wireless Bluetooth units
- Installed new flooring in E&I Office
- Completed TTSA website design and moved to the internet
- Repaired hot water control valve for Admin HVAC
- Rebuilt Centrifuge Feed Pump 1
- Installed LED lighting in RAS building
- Ran Olympic TRI site on portable generator for 3 days due to power outage

◆ **Work Orders:**

- Completed: Mechanical-19, Fleet-9, Electrical & Instrumentation-15, IT-17.
- Pending: Mechanical-75, Fleet-69, Electrical & Instrumentation-24, IT-30.

Review Tracking:

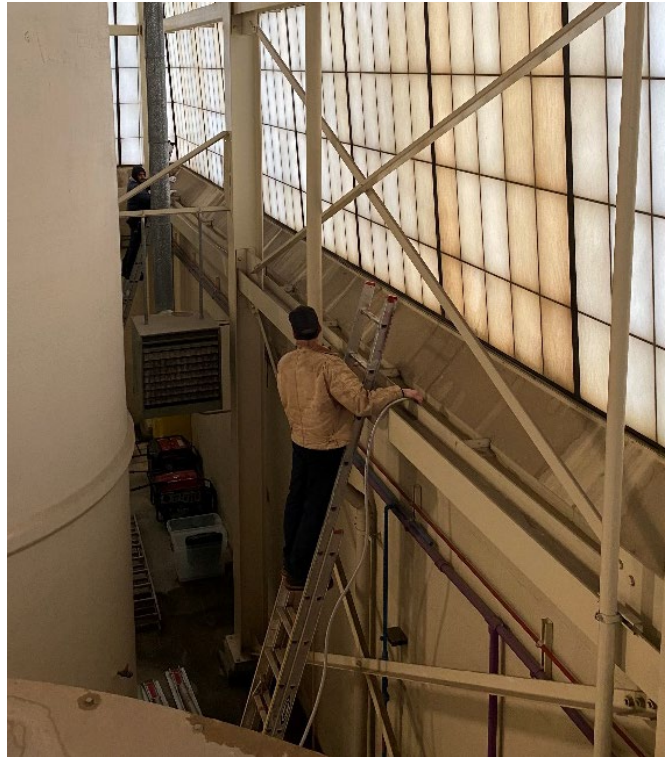
Submitted By: 
Tanner McGinnis
Interim Maintenance Manager

Approved By: 
Richard Pallante
General Manager

Sodium Hypochlorite Project



Tank Delivery Area Piping



Discharge Tubing Installation



Pump Skid

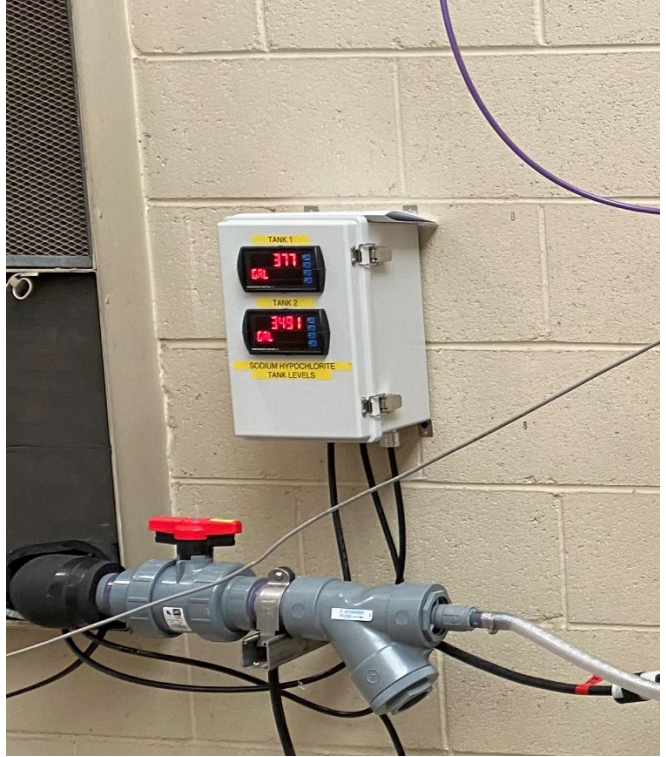


Injection Quill Installation

Sodium Hypochlorite Project



Tank Level Sensor



Tank Level Indicator Panel



Pipe and Valve Protection



First Delivery

Plant Maintenance Activities



Flooring Installation in E&I Office



Snow Removal



Lighting Panel Electrical Work



TAHOE-TRUCKEE SANITATION AGENCY ENGINEERING DEPARTMENT REPORT

Date: February 15, 2023
To: Board of Directors
From: Jay Parker, Engineering Manager
Subject: Engineering Report


◆ **Projects:** In the month of January, Engineering staff continued working on the following projects:


- Digestion Improvements Study
- Additional Boiler Heating Redundancy Design Project
- 2021 Chlorine Scrubber Improvements Project
- 2022 Control Room Upgrades Project
- 2022 Filter Influent Condition Assessment Project
- 2022 Plant Coating Project
- 2022 Roof Repair Project
- 2022 Sodium Hypochlorite Disinfection Pilot Project

◆ **Work Orders:**

- Engineering:
 - Completed this month: 0
 - Pending: 0
- Safety:
 - Completed this month: 0
 - Pending: 0

Review Tracking:

Submitted By: 
Jay Parker
Engineering Manager

Approved By: 
Richard Pallante
General Manager



2022 Sodium Hypochlorite Disinfection Project
Rental Tanks Delivered



2022 Sodium Hypochlorite Disinfection Project
Rental Tanks Offloaded



2022 Sodium Hypochlorite Disinfection Project
Rental Tanks Connected



2022 Sodium Hypochlorite Disinfection Project
Pump Assemblies Installed





TAHOE-TRUCKEE SANITATION AGENCY ADMINISTRATIVE DEPARTMENT REPORT

Date: February 15, 2023
To: Board of Directors
From: Crystal Sublet, Finance and Administrative Manager
Subject: Administrative Report

- Finance
 - Completed monthly A/P, A/R, payroll, general ledger processes, and bank reconciliations.
 - Continued FY22 year-end closing procedures and preparing for final Audit.
 - Final field work Audit January 3rd – 5th.
 - Continued working on set-up of Positive Pay.
 - Attended Finance Committee Meeting January 11, 2023.
 - Completed 1099's and W-2's.
 - Attended GASB GAAP Update Training.
- Billing/Customer Service
 - General assistance with customer accounts, utility demands, adjustments, and plan review.
 - Activated new account permits and prepared letters, reports and invoices.
 - Worked on Connection Fee and Service Charge Rate Study.
- Purchasing/Administration
 - General purchasing responsibilities for monthly requisitions, purchase orders and ordering.
 - General responsibilities to customer service, front gate and front desk.
 - Attended GASB GAAP Update Training.
 - Completed Procurement Training.
 - Continued work on Easement Scanning Project.
- General Administration
 - Performed various administrative duties to assist Interim General Manager and Board of Directors.
 - Attended Finance Committee Meeting January 11, 2023.
 - Attended GASB GAAP Update Training.
 - Continued discussions and analysis for the rate studies with HDR, Department Managers and the Finance Committee.
 - Initiated quarterly one-on-ones with Finance and Admin team.

Review Tracking

Submitted By: 
Crystal Sublet
Finance and Administrative Manager

Approved By: 
Richard Pallante
Interim General Manager

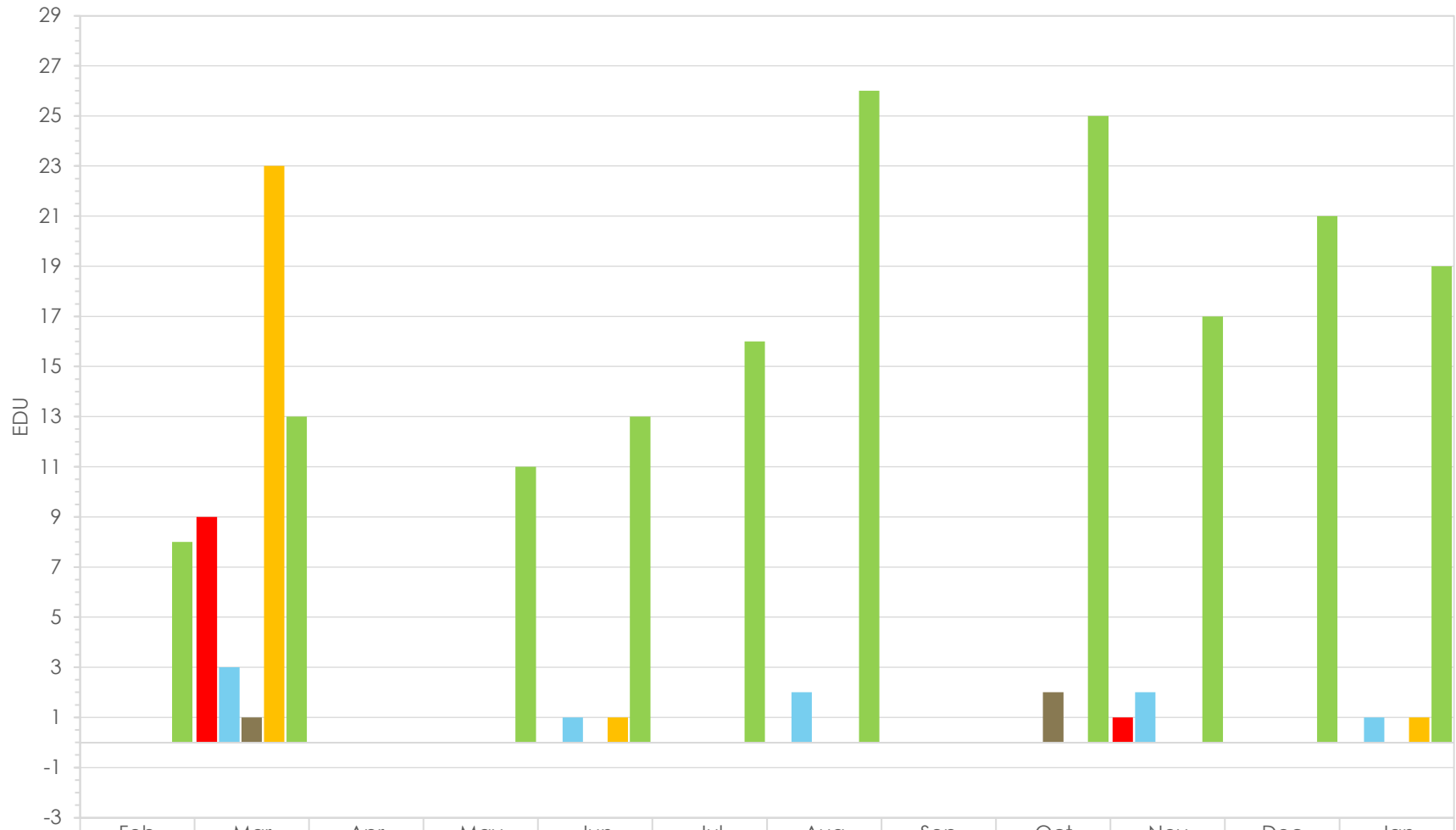
CONNECTION FEES - JANUARY 2023

Connection Fee Type	MTD Count (#)	MTD Total Ft ²	MTD Total \$	YTD Count (#)	YTD Total Ft ²	YTD Total \$
Residential	7	18,935	\$ 43,636.25	7	18,935	\$ 43,636.25
Residential Ft ² Additions	3	3,384	\$ 5,922.00	3	3,384	\$ 5,922.00
Residential Ft ² Additions - Exempt	0	0	N/A	0	0	N/A
Accessory Dwelling Unit (ADU)	1	502	\$ 2,378.50	1	502	\$ 2,378.50
Accessory Dwelling Unit (ADU) - Exempt	2	862	N/A	2	862	N/A
Commercial	1	N/A	\$ 19,600.00	1	N/A	\$ 19,600.00
Industrial	0	N/A	\$ -	0	N/A	\$ -
Grand Total	14	23,683	\$ 71,536.75	14	23,683	\$ 71,536.75

INSPECTIONS - JANUARY 2023

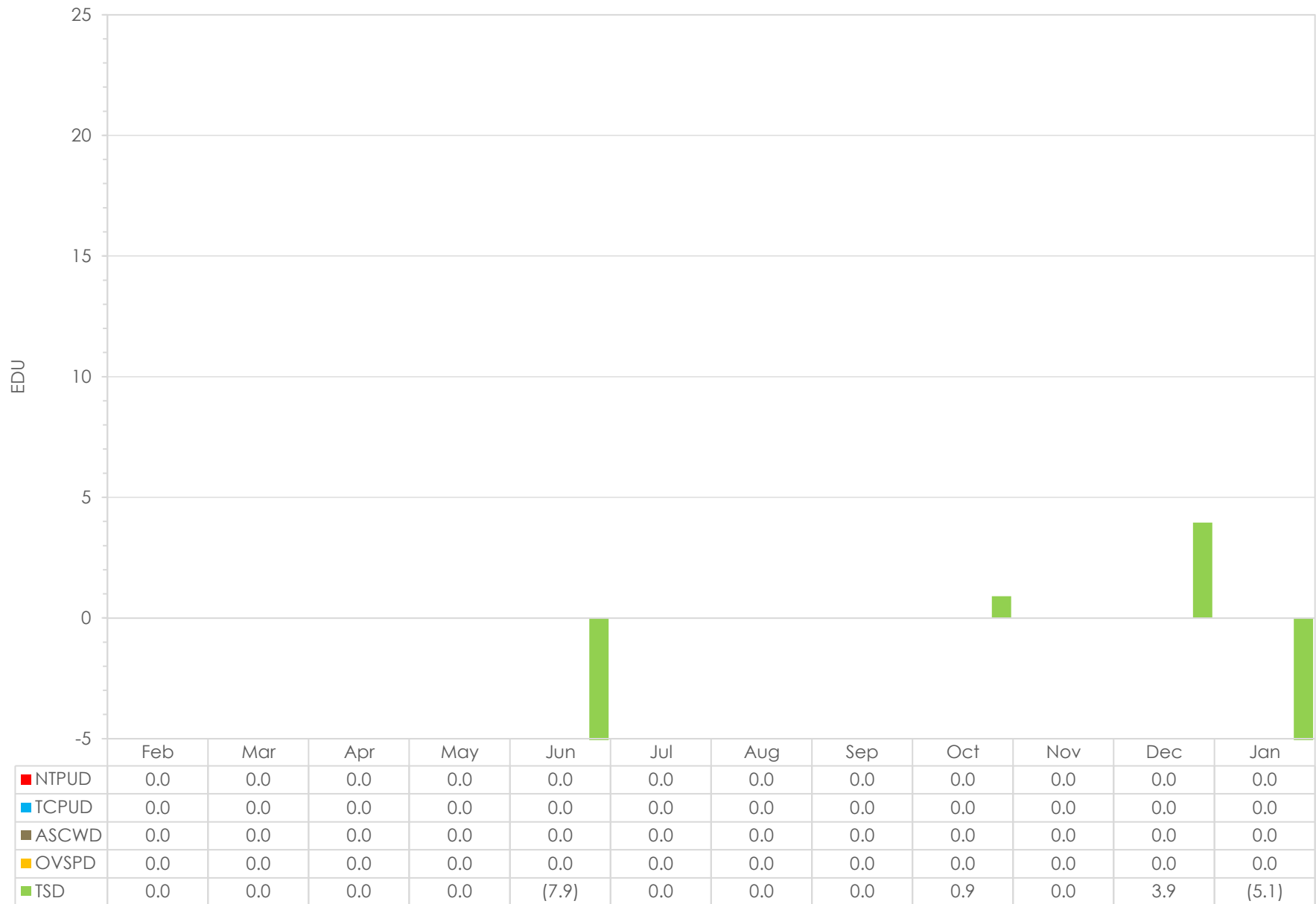
Inspection Type	MTD Count #	MTD Total	YTD Count #	YTD Total
Commercial	0	0	0	0
Residential (Drive-by of Suspended Accounts)	0		0	

Residential EDU Summary

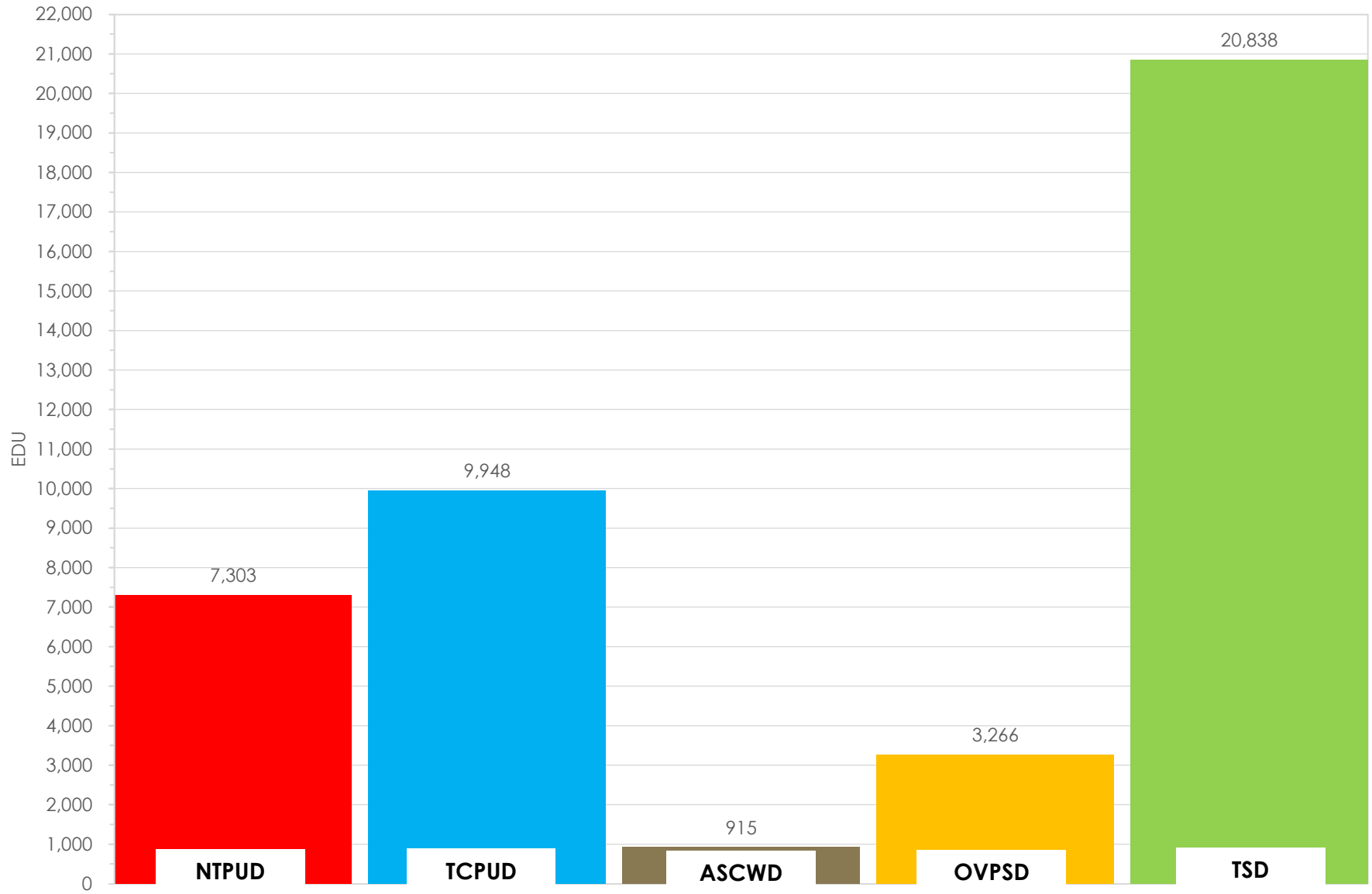


	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
■ NTPUD	0	9	0	0	0	0	0	0	0	1	0	0
■ TCPUD	0	3	0	0	1	0	2	0	0	2	0	1
■ ASCWD	0	1	0	0	0	0	0	0	2	0	0	0
■ OVSPD	0	23	0	0	1	0	0	0	0	0	0	1
■ TSD	8	13	0	11	13	16	26	0	25	17	21	19

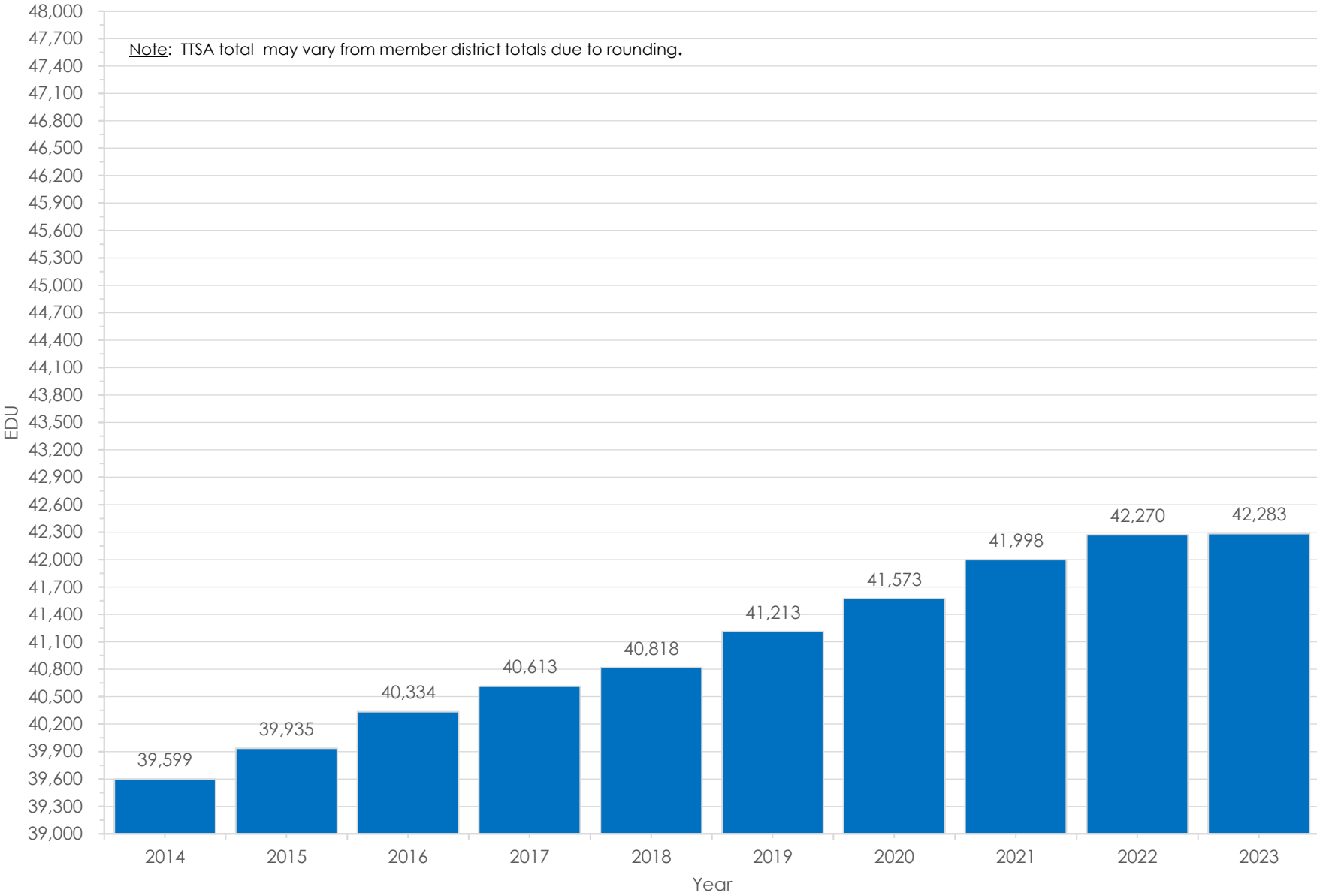
Other EDU Summary



Current EDU Summary By Member District



Historical TTSA EDU Summary





TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Richard Pallante, General Manager
Item: V-2
Subject: General Manager Report.

Continuing Projects/Work

- Management and staff continued to work with consultant on Connection fee/Rate Study.
- Management and staff continued implementation of the new software programs.
- Management and staff continued progress on CIP projects.
- Management and staff working to finalize leadership team training outline.

Past Month Projects/Work

- Continue to conduct one on one meetings with Agency staff.
- Alternate disinfection system.
- New Agency website went live: www.tsa.ca.gov
- Met with Jen Callaway, Town Manager for the Town of Truckee.
- Met with Brian Wright, General Manager for Tahoe Donner Public Utility District.
- Attending member district Board meetings with introduction presentation.
- Attended local agency General Managers meeting.
- Staff continued plant wide clean up and organization.

Review Tracking

Submitted By: _____

Richard Pallante
General Manager



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Richard Pallante, General Manager
Item: VI
Subject: Board of Director Comment.

Background

Opportunity for directors to ask questions for clarification, make brief announcements and reports, provide information to staff, request staff to report back on a matter, or direct staff to place a matter on a subsequent agenda.



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: February 15, 2023
To: Board of Directors
From: Richard Pallante, General Manager
Item: VII
Subject: Closed Session.

1. Closed session for public employee performance evaluation of the General Manager. (Government Code, §54957.)