



Tahoe-Truckee Sanitation Agency  
Regular Board Meeting  
March 16, 2022

# 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*  
*S. Lane Lewis*  
*Dale Cox*  
*David Smelser*  
**General Manager**  
*LaRue Griffin*

## BOARD OF DIRECTORS REGULAR MEETING NOTICE AND AGENDA

**Date:** March 16, 2022

**Time:** 9:00 AM

This meeting will be accessible via teleconference (video and audio) only and the board room will not be accessible to the public. To participate via videoconference, join the meeting with the following link: <https://us02web.zoom.us/j/82685432707>. To participate via audio teleconference, join the meeting with the following call-in information: Toll-Free phone no. (888) 475-4499, access code: 826-8543-2707#.

Public comments will be accepted by the Board and should be submitted to Roshelle Chavez, Board Clerk, at [rchavez@ttsa.ca.gov](mailto:rchavez@ttsa.ca.gov), by mail at 13720 Butterfield Drive, Truckee, CA 96161 (the final mail collection before the meeting will be the Tuesday before the meeting at 3:00 p.m.), and via teleconference on any item on the agenda until the close of public comment on the item.

If you wish to make a comment during the teleconference on an item, please use the Zoom meeting controls to “Raise Your Hand” if attending via video teleconference or dial \*9 if attending via audio teleconference. All requests to make a comment will be called upon in the order received.

- I. Call to Order, Roll Call, and Pledge of Allegiance**
- II. AB 361 Action** Consider finding by a majority vote under Gov. Code § 54953(e)(3) that a result of the continuing COVID-19 emergency: (i) the board has reconsidered the circumstances of the state of emergency; (ii) renew prior findings that meeting in person would continue to present imminent risks to the health or safety of attendees; and (iii) the authorization for meetings to be held by teleconference pursuant to Gov. Code, § 54953, subd. (e)(1)(C) is renewed.
- III. 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.
- IV. Professional Achievements, Awards and Anniversaries** Acknowledgement of staff for professional achievement and other awards.

**V. 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.
2. Ratify approval of financial statements.

**VI. Regular Agenda**

1. Report from February 16, 2022 and February 22, 2022 closed session meetings.
2. Approval of the minutes of the regular Board meeting on February 16, 2022 and special Board meeting on February 22, 2022.
3. Approval of the 2022 COVID-19 Supplemental Paid Sick Leave (SPSL) Policy.
4. Approval to award the bid for the 2022 Plant Coating project.
5. Approval to solicit bids for the 2022 Plant Improvements project.
6. Approval to purchase the variable frequency drive for the Multi Purpose Pump Station.
7. Approval for SEAM Group to perform an updated NFPA 70E Arc Flash Study.
8. Discussion of consultant services for review of current Sewer Service Charge and Connection Fee schedules.
9. Discussion of in-person Board of Directors meeting.

**VII. Management Team Report**

1. Department Reports.
2. General Manager Report.

**VIII. 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.

**IX. Closed Session**

1. Closed session conference with legal counsel for existing litigation (Government Code section 54956.9(d)(1)) - Fay v. Tahoe-Truckee Sanitation Agency.
2. Closed session for public employee performance evaluation of the General Manager position.

**X. Adjournment**

Posted and Mailed, 03/10/22



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 or 530-587-5840 (fax) or email [rchavez@ttsa.ca.gov](mailto: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:** March 16, 2022  
**To:** Board of Directors  
**From:** LaRue Griffin, 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:** March 16, 2022  
**To:** Board of Directors  
**From:** LaRue Griffin, General Manager  
**Item:** II  
**Subject:** AB 361 Action

---

### **Background**

In light of Governor Newsom's declaration that a state of emergency exists due to the incidence and spread of the novel coronavirus, and the pandemic caused by the resulting disease COVID-19, the Board of Directors should consider whether meeting in person would present imminent risks to the health or safety of meeting attendees.

The Centers for Disease Control indicates that COVID-19 is a highly transmissible virus that is spread when an infected person breathes out droplets and very small particles that contain the virus, and such droplets and particles are breathed in by other people. The Omicron Variant has emerged and now accounts for the majority of recent COVID-19 cases.

Although effective vaccines and boosters have been approved by the U.S. Food and Drug Administration for use, the vaccination and booster rates are slow and have not yet reached a point to significantly control community transmission. Those who become infected with COVID-19 are at risk of serious illness and death.

Conducting Board meetings by teleconference would directly reduce the risk of transmission among meeting attendees, including members of the public and Agency staff, which has the ancillary effect of reducing risk of serious illness and death as well as reducing community spread of the virus.

If the reauthorization to meet by teleconference is not approved by a majority vote, then the meeting will adjourn after this item and the remaining agenda items will be rescheduled to a future in-person meeting.

### **Fiscal Impact**

None.

### **Attachments**

None.

### **Recommendation**

Management recommends the Board of Directors find that it has reconsidered the state of the COVID-19 emergency, meeting in person continues to present imminent risks to the health or safety of attendees, and the Board renews the prior authorization for meetings to be held by teleconference as authorized by subdivision (e)(1)(C) of section 54943 of the Government Code.

### **Review Tracking**

Submitted By:   
\_\_\_\_\_  
LaRue Griffin  
General Manager



# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** LaRue Griffin, General Manager  
**Item:** III  
**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:** March 16, 2022  
**To:** Board of Directors  
**From:** Vicky Lufrano, Human Resources Administrator  
**Item:** IV  
**Subject:** Professional Achievements, Awards & Anniversaries

---

### **Background**

Acknowledgement of staff for professional achievements, awards and anniversaries received the previous calendar month or quarter.

### **New Employees**

- Kayle Ohle – Purchasing Agent I
- Herbert Hodges – Maintenance Mechanic III
- Jeffery Navarrete – Maintenance Mechanic III
- Joel Oberly – Operator in Training

### **Achievements and Promotions**

- Collin Fischer – Received Wastewater Treatment Plant Operator Grade V certification
- Troy Killgore – Received Wastewater Treatment Plant Operator Grade V certification

### **1-Year, 5-Year, 10-Year, 15-Year, 20-Year, Etc. Anniversaries**

#### **10 Years**

- Kristin Schrandt – March 2022

### **Fiscal Impact**

None.


### **Attachments**

None.

### **Recommendation**

No action required.

### **Review Tracking**

Submitted By:   
Vicky Lufrano  
Human Resources Administrator

Approved By:   
LaRue Griffin  
General Manager



# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** Crystal Sublet, Finance and Administrative Manager  
**Item:** V-1  
**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 March 7<sup>th</sup> 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: *LaRue Griffin*  
LaRue Griffin  
General Manager



Payee	Check Number	Check Issue Date	Description	Amount
<b>1000 BULBS</b>				
	88081	02/10/2022	2750 Lumens - 25 Watt - 5000 Kelvin	284.58
	88150	02/24/2022	Philips 281030,4 FT,F32T8/28W/ADV841/EW/LL - 28 Watt Energy Saver	394.85
Total 1000 BULBS:				679.43
<b>AIRGAS USA LLC</b>				
	88151	02/24/2022	CYLINDER RENTALS	27.93
	88151	02/24/2022	CYLINDER RENTALS	52.11
	88151	02/24/2022	CYLINDER RENTALS	80.04
Total AIRGAS USA LLC:				160.08
<b>ALESHIRE &amp; WYNDER LLP</b>				
	88112	02/17/2022	JANUARY 2022 FEES	12,672.87
Total ALESHIRE & WYNDER LLP:				12,672.87
<b>ALLIED ELECTRONICS</b>				
	88082	02/10/2022	Connector, Liquidtight, 1/2", 45	143.25
Total ALLIED ELECTRONICS:				143.25
<b>ANNIE'S CLEANING SERVICE</b>				
	88047	02/03/2022	JANUARY 2022 JANITORIAL SVC	3,813.33
Total ANNIE'S CLEANING SERVICE:				3,813.33
<b>APPLIED FLOW TECHNOLOGY</b>				
	88113	02/17/2022	AFT Fathom Software Renewal	1,020.00
Total APPLIED FLOW TECHNOLOGY:				1,020.00
<b>ARAMARK WORK APPAREL</b>				
	88109	02/16/2022	MATS	168.90 M
	88109	02/16/2022	TOWELS	10.26 M
	88109	02/16/2022	SVC CHARGE	10.00 M
	88114	02/17/2022	MATS	168.90
	88114	02/17/2022	TOWELS	9.91
	88114	02/17/2022	SVC CHARGE	10.00
	88152	02/24/2022	MATS	168.90
	88152	02/24/2022	TOWELS	10.26
	88152	02/24/2022	SVC CHARGE	10.00
Total ARAMARK WORK APPAREL:				567.13
<b>AT&amp;T 530 582-0827 966 5</b>				
	88048	02/03/2022	JAN 2022 INVOICE 10%	92.43
	88048	02/03/2022	JAN 2022 INVOICE 90%	831.91
Total AT&T 530 582-0827 966 5:				924.34
<b>AT&amp;T 831-000-9983 804</b>				
	88049	02/03/2022	JANUARY 2022 INVOICE 10%	152.85
	88049	02/03/2022	JANUARY 2022 INVOICE 90%	1,375.67

Payee	Check Number	Check Issue Date	Description	Amount
Total AT&T 831-000-9983 804:				1,528.52
<b>AUTOSCRIBE INFOMATICS</b>				
	88115	02/17/2022	LIMS- SYSTEM ADMIN TRAINING REMOTE	3,247.50
Total AUTOSCRIBE INFOMATICS:				3,247.50
<b>BARE BONES WORK WEAR</b>				
	88116	02/17/2022	Paxton Hvywt Zip Swtshirt - Large Tall Navy + Emb	172.24
	88116	02/17/2022	Paxton Hvywt Zip Swtshirt - XLarge Tall Navy + Emb	344.49
	88116	02/17/2022	Paxton Hvywt Zip Swtshirt - XXLarge Tall Navy + Emb	172.25
	88116	02/17/2022	Paxton Hvywt Zip Swtshirt - Large Tall Black + Emb	172.25
	88116	02/17/2022	Paxton Hvywt Zip Swtshirt - XLarge Tall Black + Emb	172.25
	88116	02/17/2022	Paxton Hvywt Zip Swtshirt - XXLarge Tall Black + Emb	172.25
Total BARE BONES WORK WEAR:				1,205.73
<b>BARTKIEWICZ, KRONICK &amp; SHANAHAN</b>				
	88117	02/17/2022	DECEMBER 2021 FEES	2,575.27
	88117	02/17/2022	JANUARY 2022 FEES	4,283.40
Total BARTKIEWICZ, KRONICK & SHANAHAN:				6,858.67
<b>CALTROL INC</b>				
	88083	02/10/2022	PROFIBUS MODULE FOR WESTLOC 7244, MFR#RETROFITKIT309	938.53
	88083	02/10/2022	INTELLIS MONITOR PROFIBUSH-DP, ENGINEERED RESIN ENCLOSURE, DIR	1,376.87
Total CALTROL INC:				2,315.40
<b>CAPITAL RUBBER CO. LTD</b>				
	88084	02/10/2022	3/8" Circular Neoprene Gasket.	504.55
Total CAPITAL RUBBER CO. LTD:				504.55
<b>CAROLLO</b>				
	88153	02/24/2022	GENERAL SERVICES	10,678.00
Total CAROLLO:				10,678.00
<b>CASELLE</b>				
	88085	02/10/2022	JANUARY 2022 CONTRACT SUPP & MAINT	3,458.00
	88085	02/10/2022	FEBRUARY 2022 CONTRACT SUPP & MAINT	3,458.00
	88118	02/17/2022	MARCH 2022 CONTRACT SUPP & MAINT	3,458.00
Total CASELLE:				10,374.00
<b>CENTRAL SQUARE TECHNOLOGIES</b>				
	88086	02/10/2022	Asset Management - Assets Annual Subscription Fee. Maintenance: Start: 2/26/20	10,250.00
Total CENTRAL SQUARE TECHNOLOGIES:				10,250.00
<b>CH2M HILL</b>				
	88119	02/17/2022	#35 2020 DIGESTION IMPROVEMENTS STUDY	3,040.48
	88119	02/17/2022	#36 CHLORINE SCRUBBER IMPROVEMENTS PROJECT	5,449.31
	88119	02/17/2022	#37 SCADA & INFORMATION TECHNOLOGY MASTER PLANNING SERVICES	18,266.67
	88119	02/17/2022	#32 HEADWORKS IMPROVEMENTS PROJECT	10,047.28

Payee	Check Number	Check Issue Date	Description	Amount
Total CH2M HILL:				36,803.74
<b>CHARD SNYDER &amp; ASSOCIATES</b>				
	88149	02/17/2022	JAN COBRA FEES	17.44 M
	88149	02/17/2022	JAN COBRA FEES	8.72 M
	88149	02/17/2022	JAN COBRA FEES	2.18 M
	88149	02/17/2022	JAN COBRA FEES	30.52 M
	88149	02/17/2022	JAN COBRA FEES	8.72 M
	88149	02/17/2022	JAN COBRA FEES	17.16 M
	88149	02/17/2022	JAN COBRA FEES	8.72 M
	88149	02/17/2022	JAN COBRA FEES	4.36 M
	88149	02/17/2022	JAN COBRA FEES	2.18 M
	88149	02/17/2022	JAN ADMIN FEES	38.55 M
	88149	02/17/2022	JAN ADMIN FEES	15.80 M
	88149	02/17/2022	JAN ADMIN FEES	3.00 M
	88149	02/17/2022	JAN ADMIN FEES	71.55 M
	88149	02/17/2022	JAN ADMIN FEES	26.55 M
	88149	02/17/2022	JAN ADMIN FEES	53.55 M
	88149	02/17/2022	JAN ADMIN FEES	15.00 M
	88149	02/17/2022	JAN ADMIN FEES	9.00 M
	88149	02/17/2022	JAN ADMIN FEES	3.00 M
	2172201	02/17/2022	FSA	914.75 M
	2172201	02/17/2022	FSA	35.00- M
	2172201	02/17/2022	HRA	136.00 M
	2172201	02/17/2022	HRA	347.22 M
	2172201	02/17/2022	HRA	13.90 M
	2172201	02/17/2022	HRA	74.81 M
	2172201	02/17/2022	DCA	749.00 M
	2172201	02/17/2022	HRA	686.96 M
	2172201	02/17/2022	FSA	122.84 M
	2172201	02/17/2022	HRA	109.57 M
	2172201	02/17/2022	HRA	19.25 M
	2172201	02/17/2022	HRA	63.57 M
	2172201	02/17/2022	HRA	100.00 M
	2172201	02/17/2022	HRA	100.00 M
	2172201	02/17/2022	HRA	35.00 M
	2172201	02/17/2022	HRA	87.45 M
	2172201	02/17/2022	FSA	35.00 M
	2172201	02/17/2022	HRA	103.89 M
	2172201	02/17/2022	HRA	27.00 M
	2172201	02/17/2022	HRA	8.50 M
	2172201	02/17/2022	HRA	338.30 M
	2172201	02/17/2022	FSA	18.93 M
	2172201	02/17/2022	FSA	136.00 M
	2172201	02/17/2022	FSA	70.00- M
	2172201	02/17/2022	HRA	261.79 M
	2172201	02/17/2022	HRA	306.60 M
	2172201	02/17/2022	HRA	50.00 M
	2172201	02/17/2022	HRA	22.03 M
	2172201	02/17/2022	HRA	35.00 M
	2172201	02/17/2022	HRA	136.50 M
	2172201	02/17/2022	HRA	35.00 M
	2172201	02/17/2022	HRA	541.89 M
	2172201	02/17/2022	FSA	14.60 M
	2172201	02/17/2022	HRA	30.00 M
	2172201	02/17/2022	HRA	49.18 M

Payee	Check Number	Check Issue Date	Description	Amount
	2172201	02/17/2022	FSA	60.39 M
	2172201	02/17/2022	FSA	347.22 M
	2172201	02/17/2022	HRA	388.22 M
	2172201	02/17/2022	HRA	7.88 M
	2172201	02/17/2022	HRA	33.07 M
	2172201	02/17/2022	HRA	10.00 M
	2172201	02/17/2022	HRA	26.36- M
	2172201	02/17/2022	HRA	1,312.50 M
	2172201	02/17/2022	HRA	1,263.60 M
	2172201	02/17/2022	HRA	135.08 M
	2172201	02/17/2022	HRA	10.32 M
	2172201	02/17/2022	FSA	328.72 M
	2172201	02/17/2022	HRA	793.12 M
	2172201	02/17/2022	FSA	24.38 M
	2172201	02/17/2022	FSA	8.35 M
	2172201	02/17/2022	FSA	279.00 M
	2172201	02/17/2022	FSA	79.04 M
	2172201	02/17/2022	FSA	107.00 M
	2172201	02/17/2022	HRA	306.00 M
	2172201	02/17/2022	HRA	22.06- M
	2172201	02/17/2022	HRA	15.00 M
	2172201	02/17/2022	HRA	35.05 M
	2172201	02/17/2022	FSA	10.00 M
	2172201	02/17/2022	HRA	5.00 M
	2172201	02/17/2022	HRA	33.76 M
	2172201	02/17/2022	HRA	637.95 M
	2172201	02/17/2022	HRA	983.73 M
	2172201	02/17/2022	HRA	255.80 M
	2172201	02/17/2022	HRA	109.00 M
	2172201	02/17/2022	FSA	89.20 M
	2172201	02/17/2022	HRA	27.66 M
	2172201	02/17/2022	FSA	343.40- M
	2172201	02/17/2022	HRA	1,697.00 M
	2172201	02/17/2022	HRA	120.00 M
	2172201	02/17/2022	HRA	216.09 M
	2252202	02/25/2022	HRA	70.00 M
	2282201	02/28/2022	HRA	27.60 M
	2282201	02/28/2022	HRA	1.91 M
	2282201	02/28/2022	HRA	105.28 M
	2282201	02/28/2022	FSA	34.94 M
	2282201	02/28/2022	FSA	57.34 M
	2282201	02/28/2022	HRA	35.00 M
	2282201	02/28/2022	HRA	27.66 M
	2282201	02/28/2022	FSA	110.43 M
	2282201	02/28/2022	HRA	28.70 M
	2282201	02/28/2022	HRA	118.34 M
	2282201	02/28/2022	FSA	107.64 M
	2282201	02/28/2022	HRA	8.82 M
	2282201	02/28/2022	FSA	5.00 M
	2282201	02/28/2022	HRA	15.00 M
	2282201	02/28/2022	HRA	1,052.31 M
	2282201	02/28/2022	HRA	119.07 M
Total CHARD SNYDER & ASSOCIATES:				17,203.88
<b>CLEAR TECH ENVIRONMENTAL</b>	88154	02/24/2022	LEAD PAINT TESTING	1,053.00

Payee	Check Number	Check Issue Date	Description	Amount
Total CLEAR TECH ENVIRONMENTAL:				1,053.00
<b>CORELOGIC INFORMATION SOLUTIONS, IN</b>				
	88087	02/10/2022	JAN 2022 INVOICE	491.73
Total CORELOGIC INFORMATION SOLUTIONS, IN:				491.73
<b>CRYSTAL SUBLET</b>				
	88120	02/17/2022	FEB 2022 PHONE	18.04
Total CRYSTAL SUBLET:				18.04
<b>CWEA</b>				
	88121	02/17/2022	Electrical/Instrumentation Grade 4 Certification Renewal	106.00
Total CWEA:				106.00
<b>DATCO SERVICES CORP.</b>				
	88122	02/17/2022	Background for potential new employees	30.00
	88122	02/17/2022	Background for potential new employee	60.00
	88122	02/17/2022	Background for potential new employees	75.00
Total DATCO SERVICES CORP.:				165.00
<b>DELL COMPUTER CORP. C/O DELL USA L.</b>				
	88050	02/03/2022	VLA ACROBAT PRO 2020 MPL UNIVERSAL ENGLISH LICENSE	399.62
	88050	02/03/2022	Microsoft SQL Licensing	3,083.99
Total DELL COMPUTER CORP. C/O DELL USA L.:				3,483.61
<b>DEPARTMENT OF INDUSTRIAL RELATIONS</b>				
	88080	02/07/2022	CAL OSHA INSPECTION PENALY PAYMENT INSPECT NO: 1545120	3,430.00 M
	88080	02/22/2022	CAL OSHA INSPECTION PENALY PAYMENT INSPECT NO: 1545120	3,430.00- V
Total DEPARTMENT OF INDUSTRIAL RELATIONS:				.00
<b>DIGI-KEY</b>				
	88051	02/03/2022	MOTOR OVERLOAD PROTECTION 8000	705.25
	88088	02/10/2022	WIRE MARK SLV 16~8AWG 1=1000PCS	1,185.90
Total DIGI-KEY:				1,891.15
<b>DOD TECHNOLOGIES INC</b>				
	88123	02/17/2022	Sensor for PS-7 Chlorine CL2 (0-10ppm)	245.00
Total DOD TECHNOLOGIES INC:				245.00
<b>E&amp;M ELECTRIC</b>				
	88052	02/03/2022	SIMATIC S7 MEMORY CARD 256 MB	891.85
Total E&M ELECTRIC:				891.85
<b>FEDERAL EXPRESS CORP.</b>				
	88089	02/10/2022	ADMIN SHPPING CHARGES	89.97
	88155	02/24/2022	ADMIN SHIPPING CHARGES	52.38

Payee	Check Number	Check Issue Date	Description	Amount
Total FEDERAL EXPRESS CORP.:				142.35
<b>FISHER SCIENTIFIC COMPANY</b>				
	88053	02/03/2022	3M™ Virtua™ Eyewear	97.04
	88053	02/03/2022	Fisherbrand™ Comfort Nitrile Gloves Medium, Case of 10	334.49
	88090	02/10/2022	Thermo Scientific™ Smart2Pure 12 Water Purification System RO Membrane with	625.43
	88090	02/10/2022	DWK Life Sciences Kimble™ Plain Disposable Borosilicate Glass Tubes	149.80
	88090	02/10/2022	Andwin Scientific SOFTCIDE SOAP 32OZ	235.31
	88090	02/10/2022	Total Suspended Solids (TSS) Standard, 100mg/L (100ppm) TSS (Gravimetric, Dri	422.80
	88090	02/10/2022	Fisherbrand™ 51 Expansion Short Style Glass Shell Vials without Closures	441.42
	88090	02/10/2022	Hengar Boiling Granules	863.86
	88090	02/10/2022	DWK Life Sciences Kimble™ Plain Disposable Borosilicate Glass Tubes	280.51
	88090	02/10/2022	VIAL SHELL 9X30MM	436.22
	88090	02/10/2022	CREDIT FO RVIAL SHELL 9X30MM ON INV 7230629	436.22-
	88090	02/10/2022	Fisherbrand™ Powder Free Nitrile Gloves	355.25
	88090	02/10/2022	Mesa Labs Prospore™ Self-Contained Biological Indicator	193.46
	88090	02/10/2022	Thermo Scientific™ Barnstead™ Water System Cartridges	648.22
	88090	02/10/2022	Thermo Scientific™ Barnstead™ Final Filter	1,017.54
	88090	02/10/2022	Drierite™ Indicating Absorbents, W.A. Hammond	135.67
	88090	02/10/2022	Thermo Scientific™ Remel™ Nutrient Agar	440.99
	88090	02/10/2022	Hach Company Non-Sterile PDVF Syringe Filter, 33mm, 0.45um, 50/PK	1,460.92
	88124	02/17/2022	Fisherbrand™ Powder Free Nitrile Gloves, Extra Large	379.02
	88124	02/17/2022	Thermo Scientific™ Culti-Loops™ Enterobacter aerogenes ATCC™ 13048™	255.60
	88124	02/17/2022	Thermo Scientific™ Culti-Loops™ Escherichia coli ATCC™ 25922™	151.87
	88124	02/17/2022	NSI Environmental SolutionsSupplier Diversity Partner WP MINERALS READY TO	101.87
	88124	02/17/2022	Turbidity Standard, 4000 NTU, LabChem™	93.85
	88124	02/17/2022	Nitrite-N Standard for Ion Chromatography, SPEX CertiPrep™	107.29
	88124	02/17/2022	Klebsiella pneumoniae subsp. pneumoniae ATCC™ 13883™	165.08
	88124	02/17/2022	Hach Company ez GGA - No Pipette GGA, Single Dose BOD Standard, pk/20, 2-	333.89
	88124	02/17/2022	SHIPPING	50.22
Total FISHER SCIENTIFIC COMPANY:				9,341.40
<b>GLOBAL INDUSTRIAL</b>				
	88091	02/10/2022	CM Hurricane 360° Hoist & Trolley Combo Standard 1 Ton Capacity, 30' Lift	1,217.81
	88091	02/10/2022	CM Hurricane 360° Hoist & Trolley Combo Standard 2 Ton Capacity, 30' Lift	1,510.09
	88091	02/10/2022	SHIPPING	198.09
	88091	02/10/2022	Eyewash Pure Flow Cartridge Refills (Set of 2)	728.35
	88125	02/17/2022	Lower Shelf Steel With 2" Back Stop for Workbench - 96"W x 14"D - Gray	100.62
	88125	02/17/2022	SHIPPING COSTS	164.56
Total GLOBAL INDUSTRIAL:				3,919.52
<b>GOVERNMENT FINANCE OFFICERS ASSOCIATION</b>				
	88092	02/10/2022	NEW GFOA MEMBERSHIP #300263929	150.00
Total GOVERNMENT FINANCE OFFICERS ASSOCIATION:				150.00
<b>GRAINGER INC., W.W.</b>				
	88054	02/03/2022	VEE GEE Refractometer	151.50
	88093	02/10/2022	Self-Luminous Exit Sign	1,530.67
	88093	02/10/2022	Surgical Disposable Face Mask, Universal	120.27
	88093	02/10/2022	Banded V-Belt: 2/3V670, 2 Ribs, 67.625 in Outside Lg, 3/4 in Top Wd, 3/8 in Thick	98.45
	88093	02/10/2022	Scrubber, Sponge, 20pk, 6" x 3-5/8", Green Yellow	28.11
	88093	02/10/2022	Scrubber, Sponge, 20pk, 6" x 3-5/8", Green Yellow	28.10
	88093	02/10/2022	Disposable Respirator, L, NIOSH Rating N95	407.67

Payee	Check Number	Check Issue Date	Description	Amount
	88093	02/10/2022	Industrial Handheld Light, Xenon, Black (20-000230)	56.18
	88093	02/10/2022	GOJO CRANBERRY HAND FOAM	188.08
	88093	02/10/2022	WINDEX Glass Cleaner, 1 gal Cleaner Container Size, Hard Nonporous Surfaces Chemical	50.55
	88093	02/10/2022	DIAL FLORAL LIQUID	94.93
	88093	02/10/2022	CASCADE MACHINE WASH DETERGENT	67.60
	88093	02/10/2022	Motor, 480V, For Use With Grainger Item Number 2YU73,	883.07
	88093	02/10/2022	Motor, 480V, For Use With Grainger Item Number 2YU73	441.53
	88093	02/10/2022	Fuse, Time Delay, Midget, 5 A	60.73
	88093	02/10/2022	AAA Battery: Everyday, Alkaline, 1.5V DC, Procell	18.51
	88093	02/10/2022	AA Battery: Everyday, Alkaline, 1.5V DC	18.90
	88093	02/10/2022	Vertical-Mount White In Use Weatherproof Cover, 1-Gang, Die-Cast Metal	110.15
	88093	02/10/2022	BAND-IT Stainless Steel Band, 201 Stainless Steel, Metallic	53.15
	88093	02/10/2022	BAND-IT Stainless Steel Band, 201 Stainless Steel, Metallic	67.69
	88126	02/17/2022	Toilet Paper Roll, Angel Soft Professional Series	146.81
	88126	02/17/2022	Glass Cleaner, 1 gal Cleaner Container Size	43.57
	88126	02/17/2022	13 inL Polyester Short Handle Bench Brush, Black	70.52
	88126	02/17/2022	Dryer Sheets, 160 ct. Box, Outdoor Fresh Scent Sheets, 6 PK	128.19
	88126	02/17/2022	Handheld Dust Pan, Dust Pan, Handheld Standard	52.93
	88126	02/17/2022	FABULOSO All Purpose Cleaner/Degreaser, 1 gal, Jug, 4pk	168.80
	88126	02/17/2022	CLOROX Germicidal Bleach, 121 oz Container Size,	34.94
	88126	02/17/2022	TOUGH GUY Disinfectant, 15.5 oz Container Size	73.00
	88126	02/17/2022	Suspended Horizontal Hydronic Wall & Ceiling Unit Heater	726.91
	88126	02/17/2022	Suspended Horizontal Hydronic Wall & Ceiling Unit Heater	726.91
	88126	02/17/2022	Hooded Chemical Resistant Coveralls, Hooded, Size 3XL, PK 6	535.90
	88126	02/17/2022	Hooded Chemical Resistant Coveralls, Hooded	516.94
Total GRAINGER INC., W.W.:				7,701.26
<b>HACH CHEMICAL COMPANY</b>				
	88055	02/03/2022	Magnesium Chloride/Potassium Phosphate Buffer, 99 mL, pk/25	91.47
	88055	02/03/2022	Phosphate Reagent Powder Pillows, 25 mL, pk/100	716.44
	88094	02/10/2022	KIT, SENSOR CAP REPLACEMENT	2,257.48
	88127	02/17/2022	Electrolyte, 3 bottles and 3 membrane caps	328.37
Total HACH CHEMICAL COMPANY:				3,393.76
<b>HOME DEPOT CREDIT SERVICES</b>				
	88128	02/17/2022	Pin, Shear, Two-Stage Blower, 1-1/2", pk/4,	90.54
	88128	02/17/2022	Febreze 2pk Spray - Gain 8.8 oz Air Freshener	22.69
	88128	02/17/2022	Febreze PlugIn Refill - Mediterranean Lavender 2pk	21.59
	88128	02/17/2022	Febreze Small Spaces Air Freshener - 2pk	5.38
	88128	02/17/2022	FERBEZE AIR HD CRCLEAN	52.26
	88128	02/17/2022	FEBREZE PLUG 2CT GAIN	22.12
	88156	02/24/2022	3-Ply Black Disposable Face Masks (50-Box)	108.03
Total HOME DEPOT CREDIT SERVICES:				322.61
<b>HUNT &amp; SONS INC.</b>				
	88095	02/10/2022	HEATING FUEL 10%	1,440.82
	88095	02/10/2022	HEATING FUEL 90%	12,967.43
Total HUNT & SONS INC.:				14,408.25
<b>IDEXX LABORATORIES INC.</b>				
	88096	02/10/2022	120 mL Shrink-Banded Vessels with Sodium Thiosulfate (200 pack)	199.10

Payee	Check Number	Check Issue Date	Description	Amount
Total IDEXX LABORATORIES INC.:				199.10
<b>ILEANA VASSILIOU</b>				
	88129	02/17/2022	JAN 2022 TRAINING	400.00
	88129	02/17/2022	JAN 2022 TRAINING	400.00
Total ILEANA VASSILIOU:				800.00
<b>INFOSEND</b>				
	88056	02/03/2022	STATEMENT DATA PROCESSING	361.88
Total INFOSEND:				361.88
<b>J.L. Wingert Co</b>				
	88130	02/17/2022	LMI AD241-624VI pump. 0.50GPH. 150PSI max.	1,200.24
Total J.L. Wingert Co:				1,200.24
<b>J.W. WELDING SUPPLY</b>				
	8810	02/16/2022	CYLINDER RENTALS	15.12 M
	8810	02/16/2022	CYLINDER RENTALS	77.46 M
	8810	02/16/2022	CYLINDER RENTALS	43.02 M
	8810	02/16/2022	CYLINDER RENTALS	15.12 M
	8810	02/16/2022	CYLINDER RENTALS	63.91 M
	8810	02/16/2022	CYLINDER RENTALS	33.57 M
	8810	02/16/2022	CYLINDER RENTALS	13.12 M
	8810	02/16/2022	CYLINDER RENTALS	50.06 M
	8810	02/16/2022	CYLINDER RENTALS	25.07 M
	88097	02/10/2022	HELIUM COMPRESSED 2.2 UN1046	212.33
	88097	02/10/2022	FUEL SURCHARGE ON HELIUM CYLINDER	.54
	88097	02/10/2022	DELIVERY ON TRUCK	26.96
Total J.W. WELDING SUPPLY:				576.28
<b>JOHNSON CONTROLS FIRE PROTECTION LP</b>				
	88057	02/03/2022	AA10S SHPG ASM	939.62
	88057	02/03/2022	AA05S-1 SHIP ASSY	253.30
	88057	02/03/2022	Repair services per executed agreement. Not to exceed.	539.00
Total JOHNSON CONTROLS FIRE PROTECTION LP:				1,731.92
<b>LHOIST NORTH AMERICA</b>				
	88131	02/17/2022	HYDRATED LIME	8,736.55
	88131	02/17/2022	HYDRATED LIME	8,870.97
	88157	02/24/2022	HYDRATED LIME	8,842.67
Total LHOIST NORTH AMERICA:				26,450.19
<b>LIBERTY UTILITIES</b>				
	88058	02/03/2022	ELECTRIC BILL	53.04
	88058	02/03/2022	ELECTRIC	25.53
	88132	02/17/2022	ELECTRIC BILL	51.96
	88132	02/17/2022	ELECTRIC BILL	49.59
	88132	02/17/2022	ELECTRIC BILL	70.98



Payee	Check Number	Check Issue Date	Description	Amount
Total LIBERTY UTILITIES:				251.10
<b>LINDE GAS AND EQUIP INC</b>				
	88059	02/03/2022	CYLINDER RENTALS	92.66
Total LINDE GAS AND EQUIP INC:				92.66
<b>MCMASTER-CARR</b>				
	88098	02/10/2022	Mounted ball bearing 1-7/16 shaft with set screw lock	169.77
Total MCMASTER-CARR:				169.77
<b>MOUNTAIN HARDWARE</b>				
	88060	02/03/2022	PLASTIC LID, PLASTIC BUCKET QUANTITY 8 EACH	103.75
	88060	02/03/2022	ACID MURIATIC GAL	38.93
	88060	02/03/2022	ACE SCOOP GRAIN POLY	135.25
	88060	02/03/2022	CHAIN 1 JACK #16	20.97
	88099	02/10/2022	LIQUID PROPANE GAS	63.85
	88133	02/17/2022	MUR ACID, CLEANER QT JASCO, SPLYFCT3 QTY 3	57.32
	88158	02/24/2022	TRIM ROLLER, TAPE MSK, PLSTC BUCKET X 10	164.81
	88158	02/24/2022	TELESCOPIC ROOF RAKE	70.36
	88158	02/24/2022	PAINT SUPPLIES	212.79
	88158	02/24/2022	PRIME+SEALER, STATE PAINTGARE 5 GALLON	120.66
Total MOUNTAIN HARDWARE:				988.69
<b>MOUSER ELECTRONICS</b>				
	88061	02/03/2022	Littlefuse MP8000 Motor Overload Protection	693.30
Total MOUSER ELECTRONICS:				693.30
<b>MSA SAFETY SALES LLC</b>				
	88062	02/03/2022	Sensor, Methane	3,775.47
Total MSA SAFETY SALES LLC:				3,775.47
<b>MSC INDUSTRIAL SUPPLY</b>				
	88063	02/03/2022	Rotameter, 7 GPH, 2" Scale	163.24
Total MSC INDUSTRIAL SUPPLY:				163.24
<b>NAPA- SIERRA</b>				
	88064	02/03/2022	OIL FILTER, FUEL FILTERS	143.31
	88064	02/03/2022	ENVIROSHIELD CABIN	34.69
	88064	02/03/2022	BATTERY, CORE DEPOSIT	141.98
	88064	02/03/2022	MINIATURE BULB	7.47
	88064	02/03/2022	LAMP	7.91
	88100	02/10/2022	STOPLIGHT SWITCH	18.97
Total NAPA- SIERRA:				354.33
<b>NCP TAHOE</b>				
	88134	02/17/2022	INV# IN10202 - 2022 ROOF REPAIR PROJECT ADV	781.13
	88134	02/17/2022	INV10203 - 2022 CONTROL ROOM UPGRADE ADV	797.24

Payee	Check Number	Check Issue Date	Description	Amount
Total NCP TAHOE:				1,578.37
<b>NEWEGG INC</b>				
	88135	02/17/2022	APC Smart-UPS SRT 1500VA, 120V, LCD, rackmount	3,020.15
Total NEWEGG INC:				3,020.15
<b>O'REILLY AUTO PARTS</b>				
	88101	02/10/2022	Super Start Fleet & Heavy Duty Battery Group 31T + 4 Core Returns	575.37
Total O'REILLY AUTO PARTS:				575.37
<b>PAC MACHINE CO.</b>				
	88102	02/10/2022	Flygt Mixer 4640.410 4HP, 460V w/ 50' cable	13,097.75
Total PAC MACHINE CO.:				13,097.75
<b>PACIFIC OFFICE AUTOMATION</b>				
	88136	02/17/2022	1/28/22-2/28/22 INVOICE	50.77
	88136	02/17/2022	12/28/21-1/28/22 OVERAGE INVOICE	6.98
	88159	02/24/2022	MONTHLY INVOICE	164.82
Total PACIFIC OFFICE AUTOMATION:				222.57
<b>PAN PACIFIC SUPPLY</b>				
	88065	02/03/2022	Seal, Mechanical, Seal Size 13	3,128.31
Total PAN PACIFIC SUPPLY:				3,128.31
<b>PAYMENTUS GROUP INC</b>				
	88160	02/24/2022	TRANS FEES FOR JAN 2022	201.50
Total PAYMENTUS GROUP INC:				201.50
<b>PINNACLE TOWERS INC.</b>				
	88066	02/03/2022	TOWER RENTAL	788.41
Total PINNACLE TOWERS INC.:				788.41
<b>PLATT ELECTRIC COMPANY</b>				
	88103	02/10/2022	BLUE 4 Pair / 23 AWG, CMP, CAT6 - Splinesless, Plenum	352.31
	88103	02/10/2022	Superior Essex BLUE 4 Pair / 23 AWG Leviton	704.27
	88103	02/10/2022	Palm Termination Tool Item #: 1858010 Mfr: Klein	7.91
	88103	02/10/2022	Impact Punchdown Tool	58.14
	88103	02/10/2022	Cover, Blank, 1-Gang, Malleable Iron	98.80
	88103	02/10/2022	Leviton 4998-GY GFCI Weatherproof Cover	21.39
	88103	02/10/2022	Arlington 841 Service Entrance Cable Connector	8.70
	88161	02/24/2022	Arlington 841 Service Entrance Cable Connector, 1/2	38.24
Total PLATT ELECTRIC COMPANY:				1,289.76
<b>R.F. MACDONALD COMPANY</b>				
	88067	02/03/2022	Switch, Mcdonnell and Miller Model 2-M, mfr# 836-00130-000 (21-001278)	372.59
	88137	02/17/2022	Annual preventative and repair services per executed agreement.	2,500.00

Payee	Check Number	Check Issue Date	Description	Amount
Total R.F. MACDONALD COMPANY:				2,872.59
<b>REXEL</b>				
	88068	02/03/2022	Tech Connect 24x7x365 Allen Bradley Product Support - 1 year	1,820.00
	88138	02/17/2022	Powerflex 700 Vector Control Cassette	1,561.00
Total REXEL:				3,381.00
<b>SAFETY-KLEEN CORP.</b>				
	88139	02/17/2022	Annual service and rental for parts washers per agreement	519.59
Total SAFETY-KLEEN CORP.:				519.59
<b>SAVE MART SUPERMARKETS</b>				
	88069	02/03/2022	THANKSGIVING 2021 LUNCH	123.75
Total SAVE MART SUPERMARKETS:				123.75
<b>SCOTT FLEMING</b>				
	88104	02/10/2022	REIMB PROFESSIONAL ENGINEER LICENSE	180.00
Total SCOTT FLEMING:				180.00
<b>SOLENIS</b>				
	88140	02/17/2022	3 totes of K290FLX polymer	14,947.92
Total SOLENIS:				14,947.92
<b>SOUTHWEST GAS CORP.</b>				
	88105	02/10/2022	NATURAL GAS 10%	749.25
	88105	02/10/2022	NATURAL GAS 90%	6,743.33
	88108	02/16/2022	NATURAL GAS 10%	514.64 M
	88108	02/16/2022	NATURAL GAS 90%	4,631.81 M
Total SOUTHWEST GAS CORP.:				12,639.03
<b>SWRCB ACCOUNTING OFFICE</b>				
	88070	02/03/2022	FACILITY ID: 6A311607004	323.00
	88141	02/17/2022	FACILITY ID: 6A29I000048 NPDES SW INDUSTRIAL ISSUED IGO	1,738.00
Total SWRCB ACCOUNTING OFFICE:				2,061.00
<b>TAHOE SUPPLY COMPANY LLC</b>				
	88071	02/03/2022	Towel, Single Fold, mfr#PPR-GEN5000W	102.17
	88071	02/03/2022	Single Fold Towels White cs/4008	65.30
Total TAHOE SUPPLY COMPANY LLC:				167.47
<b>TAHOE TRUCKEE DISPOSAL</b>				
	88072	02/03/2022	JANUARY 2022 SLUDGE	9,104.42
	88072	02/03/2022	JANUARY 2022 CENTRIFUGE	22,163.73
Total TAHOE TRUCKEE DISPOSAL:				31,268.15
<b>TELEDYNE INSTRUMENTS INC</b>				
	88111	02/16/2022	Quartz Beads	44.33 M

Payee	Check Number	Check Issue Date	Description	Amount
	88111	02/16/2022	Platinum on alumina 12 grams	454.65 M
	88111	02/16/2022	Lotic Combustion Tube	110.25 M
	88111	02/16/2022	O-Ring .429 X .139	17.05 M
	88111	02/16/2022	O-Ring .859 X .139	22.73 M
	88111	02/16/2022	Mist Trap	81.84 M
	88111	02/16/2022	SHIPPING	16.24 M
Total TELEDYNE INSTRUMENTS INC:				747.09
<b>THATCHER COMPANY OF CA INC</b>				
	88142	02/17/2022	CHORINE	8,099.64
	88142	02/17/2022	CHLORINE	8,099.64
	88142	02/17/2022	CHLORINE	8,099.64
	88142	02/17/2022	CHORINE	4,049.82
	88142	02/17/2022	CHLORINE EMPTIES	4,330.00-
	88142	02/17/2022	CHLORINE EMPTIES	4,330.00-
	88142	02/17/2022	CHLORINE EMPTIES	4,330.00-
	88142	02/17/2022	CHLORINE EMPTIES	4,330.00-
Total THATCHER COMPANY OF CA INC:				11,028.74
<b>TOTAL COMPENSATION SYSTEMS INC</b>				
	88073	02/03/2022	GASB 68 DISCLOSURE REPORT	1,000.00
TOTAL COMPENSATION SYSTEMS INC:				1,000.00
<b>TRUCKEE DONNER PUD</b>				
	88074	02/03/2022	JAN 22 ELECTRIC 10%	6.27
	88074	02/03/2022	JAN 22 ELECTRIC 90%	56.52
	88074	02/03/2022	JAN 22 ELECTRIC 10%	7.23
	88074	02/03/2022	JAN 22 ELECTRIC 90%	65.16
	88074	02/03/2022	JAN 22 ELECTRIC 10%	3.00
	88074	02/03/2022	JAN 22 ELECTRIC 90%	27.05
	88074	02/03/2022	JAN 22 ELECTRIC 10%	10,779.94
	88074	02/03/2022	JAN 22 ELECTRIC 90%	97,019.51
	88074	02/03/2022	JAN 22 WATER 10%	13.84
	88074	02/03/2022	JAN 22 WATER 90%	124.58
Total TRUCKEE DONNER PUD:				108,103.10
<b>T-TIME ENTERPRISES</b>				
	88106	02/10/2022	J321 Black/Gray XL w/Logo & "B Dimond"	119.59
	88106	02/10/2022	J321 Black/Gray XL w/Logo & "M Nitz"	93.63
Total T-TIME ENTERPRISES:				213.22
<b>U.S. BANK CARD DIVISION</b>				
	2082201	02/08/2022	ZORO BALLAST LAMP	141.14 M
	2082201	02/08/2022	ZORO CORD GRIPS, POLYAMIDE	129.67 M
	2082201	02/08/2022	SUPERBREAKERS BUTTON, CONTACT, PUSH, 600 VAC	131.90 M
	2082201	02/08/2022	LOWES ADAPTERS, FITTINGS, HOSES	126.24 M
	2082201	02/08/2022	CAL GAS DIRECT GAS,Precision MIXTURE, METHANE	130.25 M
	2082201	02/08/2022	AIR FILTERS INC FILTER, AIR, ELECTROSTATIC	1,015.89 M
	2082201	02/08/2022	ZOOM AUDIO CONFERENCE	110.00 M
	2082201	02/08/2022	VERIZON MONTHLY BILL	36.87 M
	2082201	02/08/2022	MICROSOFT ONLINE SERVICES	324.00 M
	2082201	02/08/2022	MICROSOFT ONLINE SERVICES	25.00 M

Payee	Check Number	Check Issue Date	Description	Amount
	2082201	02/08/2022	AMAZON WEB JANUARY BILL	6.58 M
	2082201	02/08/2022	GOOGLE CHROME DEVICE MANAGEMENT	969.33 M
	2082201	02/08/2022	MICROSOFT ONLINE SERVICES	4.00 M
	2082201	02/08/2022	LOG ME IN MONTHLY BILL	84.00 M
	2082201	02/08/2022	WIX YEARLY PREMIUM PLAN	420.00 M
	2082201	02/08/2022	PRIMELIGHTS LED LAMPS T8, AIRCRAFT CABLE HANGERS	1,116.00 M
	2082201	02/08/2022	CSDA MEMBER HANDBOOK FOR BOARD MEMBERS	50.00 M
	2082201	02/08/2022	CALCHAMBER 2022 CA LABOR LAW POSTER	128.46 M
	2082201	02/08/2022	VERIZON MONTHLY BILL	73.74 M
	2082201	02/08/2022	AMAZON CAUZYART SNOWSHOES	160.19 M
	2082201	02/08/2022	INGREDI DOWFROST CONCENTRATE 2/55GAL	3,617.06 M
	2082201	02/08/2022	LEGACY INDUSTRIAL XTREME SET CRACK & JOINT FILLER	250.80 M
	2082201	02/08/2022	ROCKAUTO 2 PIECE HEADLIGHT FOR 2006 FORD EXP	163.22 M
	2082201	02/08/2022	VERIZON MONTHLY BILL	150.96 M
	2082201	02/08/2022	VERIZON MONTHLY BILL	331.96 M
	2082201	02/08/2022	VERIZON MONTHLY BILL	36.87 M
Total U.S. BANK CARD DIVISION:				9,734.13
<b>ULINE</b>				
	88143	02/17/2022	Uline Heavy Duty Wipers Dispenser Box	129.90
	88143	02/17/2022	Universal Sorbent Pads - 15 x 19", Medium	255.59
	88143	02/17/2022	SHIPPING	72.28
Total ULINE:				457.77
<b>UNIFIRST CORPORATION</b>				
	88075	02/03/2022	UNIFORMS	106.32
	88075	02/03/2022	UNIFORMS	13.08
	88075	02/03/2022	UNIFORMS	70.69
	88075	02/03/2022	UNIFORMS	66.70
	88075	02/03/2022	UNIFORMS	24.31
	88075	02/03/2022	UNIFORMS	8.54
	88075	02/03/2022	UNIFORMS	107.78
	88075	02/03/2022	UNIFORMS	13.28
	88075	02/03/2022	UNIFORMS	73.80
	88075	02/03/2022	UNIFORMS	68.83
	88075	02/03/2022	UNIFORMS	24.67
	88075	02/03/2022	UNIFORMS	14.41
	88144	02/17/2022	UNIFORMS	106.32
	88144	02/17/2022	UNIFORMS	13.08
	88144	02/17/2022	UNIFORMS	70.69
	88144	02/17/2022	UNIFORMS	66.70
	88144	02/17/2022	UNIFORMS	24.31
	88144	02/17/2022	UNIFORMS	8.54
	88162	02/24/2022	UNIFORMS	115.05
	88162	02/24/2022	UNIFORMS	15.76
	88162	02/24/2022	UNIFORMS	77.19
	88162	02/24/2022	UNIFORMS	72.90
	88162	02/24/2022	UNIFORMS	27.70
	88162	02/24/2022	UNIFORMS	10.92
Total UNIFIRST CORPORATION:				1,201.57
<b>UNIVAR USA INC.</b>				
	88076	02/03/2022	CAUSTIC SODA	6,742.15
	88076	02/03/2022	METHANOL	13,658.44

Payee	Check Number	Check Issue Date	Description	Amount
	88145	02/17/2022	METHANOL	13,658.44
	88163	02/24/2022	METHANOL	14,094.15
Total UNIVAR USA INC.:				48,153.18
<b>USA BLUE BOOK</b>				
	88077	02/03/2022	phosphate powder pillows 25 ml 100pk	580.27
	88164	02/24/2022	35-Quart Mop Bucket with Sidepress Wringer	76.15
	88164	02/24/2022	16-Oz Premium General Purpose Mop	20.76
	88164	02/24/2022	SHIPPING	57.12
Total USA BLUE BOOK:				734.30
<b>VICKY LUFRANO</b>				
	88146	02/17/2022	FEB 2022 PHONE	18.04
Total VICKY LUFRANO:				18.04
<b>VWR SCIENTIFIC INC</b>				
	88078	02/03/2022	Low TOC vials, C&G Containers	488.71
	88147	02/17/2022	Kimble® Culture Tubes, Disposable, Case of 1000	342.28
	88147	02/17/2022	Qualitative Filter Paper, Whatman products pk/100	434.11
	88147	02/17/2022	Light-Duty Tissue Wipers	98.89
	88147	02/17/2022	SHIPPING	18.72
Total VWR SCIENTIFIC INC:				1,382.71
<b>ZORO</b>				
	88079	02/03/2022	Cap, Knit, Black, mfr# A18-BLK OFA(21-001349	110.35
	88079	02/03/2022	Clamp, Hose, Stainless Steel, 9/16"-1-1/16", mfr# 43257	11.04
	88079	02/03/2022	Clamp, Hose, Stainless Steel, 3/4"-7/16", mfr# 43253 (21-001348)	11.70
	88079	02/03/2022	Wipes, Disinfecting, 7 x 8, Canister, mfr# 01594CT (21-001346)	85.46
	88079	02/03/2022	Clamp, Hose, Stainless Steel, 9/16"-1-1/16", mfr# 43257	1.94
	88107	02/10/2022	Coupling,2 In Hub	15.80
	88107	02/10/2022	90 Deg Elbow,2 In Hub	75.00
	88107	02/10/2022	90 Deg Long Sweep Elbow,2 In Hub	76.73
	88107	02/10/2022	P-Trap with Union,2 In Hub	40.03
	88107	02/10/2022	Wye with 45 Deg Bend,2 In Hub	74.22
	88107	02/10/2022	Vent Tee,2 In Hub	40.05
	88107	02/10/2022	Pipe Adapter,3 In x 2 In Hub	20.26
	88107	02/10/2022	Wye with 45 Deg Bend,3 InHub	152.42
	88107	02/10/2022	Reducing Wye,3 In x 2 In Hub	27.49
	88107	02/10/2022	P-Trap with Solvent Weld Joint,3 In Hub	114.21
	88107	02/10/2022	90 Deg Long Sweep Elbow,3 In Hub	46.63
	88107	02/10/2022	Coupling,3 In Hub	15.24
	88107	02/10/2022	Vent Tee,3 InHub	50.47
	88107	02/10/2022	Wye,3 InHub	125.48
	88107	02/10/2022	Cleanout Adapter w/Plug,4 In FNPTxSpigot	40.57
	88107	02/10/2022	Pipe Adapter,4 In x 3 In Hub	60.79
	88107	02/10/2022	90 Deg Elbow,4 In Hub	68.80
	88107	02/10/2022	ABS Cement,32 Oz,Black	26.50
	88107	02/10/2022	Red. Wye with 45 Bend,3 In x 2 In Hub	56.85
	88107	02/10/2022	45 Deg Elbow,3 In Hub	82.62
	88107	02/10/2022	Red. Wye with 45 Bend,4 In x 3 In Hub	97.11
	88107	02/10/2022	P-Trap with Solvent Weld Joint,4 In Hub	154.82
	88107	02/10/2022	100' tape measure 1/2 blade #G7515821	30.51
	88107	02/10/2022	Cord Connector Locknut,Nylon,3/8 In	29.45

Payee	Check Number	Check Issue Date	Description	Amount
	88107	02/10/2022	5-1/4" Precision internal Circlip Pliers, Plastic Grip	25.68
	88107	02/10/2022	14 AWG 3 Conductor Portable Cord 600V 50 ft. BK	80.60
	88107	02/10/2022	16 AWG 3 Conductor Carolprene Portable Cord 600V 50 ft. BK	43.01
	88107	02/10/2022	12 AWG 3 Conductor Carolprene Portable Cord 600V 50 ft. BK	96.21
	88148	02/17/2022	Disk Filter, Bayonet, P100, Nuisance Level OV, Magenta	122.85
	88148	02/17/2022	6004 Chemical Cartridge, Bayonet, AM, MA, Green, Niosh Approved	35.96
	88148	02/17/2022	6001 Chemical Cartridge, Bayonet, OV, Black, Niosh Approved	173.09
	88148	02/17/2022	Haws Sp12 Eyewash Head W/Nozzle	192.90
	88148	02/17/2022	HAWS Anti-Surge Eyewash Head	263.31
Total ZORO:				2,776.15
Grand Totals:				484,095.81



# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** Crystal Sublet, Finance and Administrative Manager  
**Item:** V-2  
**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 March 7<sup>th</sup> meeting.

### **Fiscal Impact**

None.


### **Attachments**

Report of financial statements.

### **Recommendation**

Management and staff recommend the Board Directors ratify approval of the financial statements.

### **Review Tracking**

Submitted By:   
Crystal Sublet  
Finance and Administrative Manager

Approved By:   
LaRue Griffin  
General Manager





Tahoe-Truckee Sanitation Agency  
Fund 10: General Fund  
Fiscal Year 2021 - 2022  
Period Ending February 28, 2022

	Budget \$	Month \$	Month %	YTD \$	YTD %	Notes
<b>REVENUE</b>						
Income from Service Charge	13,287,000.00	273,810.62	2.1	8,660,475.94	65.2	1,2,3
Tax Revenue - Ad Valorem	3,958,000.00	5,266.50	0.1	2,399,687.19	60.6	2,3
Fund Interest	40,000.00	544.35	1.4	6,115.47	15.3	3,4
Other Revenue	15,000.00	749.61	5.0	26,941.51	179.6	3,5
Temporary Discharge	25,000.00	0.00	0.0	766.00	3.1	3
<b>TOTAL REVENUE</b>	<b>17,325,000.00</b>	<b>280,371.08</b>	<b>1.6</b>	<b>11,093,986.11</b>	<b>64.0</b>	
<b>EXPENDITURE</b>						
Salaries & Wages	5,599,400.00	620,637.04	11.1	3,836,387.88	68.5	6
Employee Benefits	3,817,000.00	358,000.15	9.4	2,287,253.88	59.9	6
Director Fees	7,600.00	1,900.00	25.0	5,900.00	77.6	
Vehicle	51,900.00	1,156.77	2.2	21,131.01	40.7	
CSRMA Insurance	375,000.00	0.00	0.0	217,947.80	58.1	7
Professional Memberships	44,700.00	436.00	1.0	33,116.00	74.1	8
Agency Permits & Licenses	196,000.00	2,061.00	1.1	189,744.92	96.8	9
Office Expense	455,000.00	29,460.88	6.5	163,240.42	35.9	
Contractual Services	2,204,800.00	147,580.51	6.7	1,358,066.84	61.6	
Professional Services	990,000.00	60,903.21	6.2	327,424.59	33.1	
Conferences & Training	116,500.00	800.00	0.7	31,419.84	27.0	
Utilities	1,010,200.00	138,520.82	13.7	608,000.82	60.2	
Supplies, Repairs & Maintenance	1,091,500.00	74,050.30	6.8	379,104.06	34.7	
<b>TOTAL EXPENDITURE</b>	<b>15,959,600.00</b>	<b>1,435,506.68</b>	<b>9.0</b>	<b>9,458,738.06</b>	<b>59.3</b>	
<b>NET INCOME (LOSS)</b>	<b>1,365,400.00</b>			<b>1,635,248.05</b>		
Unfunded Accrued Liability	1,044,000.00			1,023,078.00	98.0	10

\*67% 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% - 1/2022, 40% 5/2022 and 5% 7/2022.
- 3 – All revenue is accrued at Fiscal Year-End according to accrual-based accounting method and cash basis throughout the year.
- 4 – Interest on LAIF balances is received and recorded quarterly (10/2021, 1/2022, 4/2022 and 7/2022).
- 5 – Other Revenue includes rebates, billings and surplus items sold.
- 6 – Timing difference: Payroll expense is recognized on pay date, except for Fiscal Year-End in which it is accrued according to the accrual-based accounting method. Payroll Fiscal YTD includes yearly vacation payouts.
- 7 – CSRMA insurance includes annual property insurance. Pooled liability insurance is expected later in the year.
- 8 – CSDA Membership in the amount of \$8,195 paid in October 2021, CASA Annual Membership in the amount of \$17,100 paid in December 2021.
- 9 – Includes State Water Resources Control Board Annual Permit fees \$177,120 in December 2021.
- 10 – CalPERS UAL payment of \$1,023,078 was paid in July 2021



Tahoe-Truckee Sanitation Agency  
 Fund 02: Wastewater Capital Reserve  
 Fiscal Year 2021 - 2022  
 Period Ending February 28, 2022

	Budget \$	Month \$	Month %	YTD \$	YTD %	Notes
<b>REVENUE</b>						
Income from Connection Fees	1,990,000.00	38,550.69	1.9	1,637,779.03	82.3	
Fund Interest	100,000.00	146.72	0.1	24,073.00	24.1	
<b>TOTAL REVENUE</b>	<b>2,090,000.00</b>	<b>38,697.41</b>	<b>1.9</b>	<b>1,661,852.03</b>	<b>82.3</b>	
<b>EXPENDITURE</b>						
Barscreens, Washers, Compactors	2,600,000.00	10,047.28	0.4	2,059,697.59	79.2	4
Digester & Plant Heating Improvements	250,000.00	3,040.48	1.2	88,761.52	35.5	1
Effluent Flow Meter Installation	100,000.00	0.00	0.0	0.00	0.0	2
Manlift	60,000.00	0.00	0.0	0.00	0.0	2
Influent Flow Meter Installation	50,000.00	0.00	0.0	0.00	0.0	2
Operations and Maintenance Carts	25,000.00	0.00	0.0	0.00	0.0	3
Maintenance/IT Shop Improvements	0.00	0.00	0.0	2,728.50	0.0	1
<b>SUBTOTAL EXPENDITURES</b>	<b>3,085,000.00</b>	<b>13,087.76</b>	<b>0.4</b>	<b>2,151,187.61</b>	<b>69.7</b>	
Allocation of 73.2% of Bond Payment	2,222,810.00		0.0	287,947.96	13.0	
<b>TOTAL EXPENDITURE</b>	<b>5,307,810.00</b>	<b>13,087.76</b>	<b>0.2</b>	<b>2,439,135.57</b>	<b>46.0</b>	
<b>NET INCOME (LOSS)</b>	<b>(3,217,810.00)</b>			<b>(777,283.54)</b>		

\*67% 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 FY22
- (6) Project cancelled



Tahoe-Truckee Sanitation Agency  
 Fund 06: Replacement, Rehabilitation and Upgrade  
 Fiscal Year 2021 - 2022  
 Period Ending February 28, 2022

<b>EXPENDITURE</b>	Budget \$	Month \$	Month %	YTD \$	YTD %	Notes
Chlorine Scrubber Replacement	1,000,000.00	5,449.31	0.5	12,605.31	1.3	1
Plant Coating Improvements	500,000.00	0.00	0.0	411,220.51	82.2	4,1
Wasting Pumps Upgrade	350,000.00	0.00	0.0	0.00	0.0	6
Lime System Improvements	150,000.00	0.00	0.0	0.00	0.0	5
Facility Asphalt Sealing	100,000.00	0.00	0.0	97,435.26	97.4	4
Centrifuge Rebuild	50,000.00	0.00	0.0	0.00	0.0	3
SCADA Repeater Replacement	50,000.00	0.00	0.0	0.00	0.0	2
Telephone Upgrade	50,000.00	0.00	0.0	0.00	0.0	2
Arc Flash Study/Breaker Replacement	45,000.00	0.00	0.0	0.00	0.0	2
Filter Press Pump VFD Replacement	45,000.00	0.00	0.0	0.00	0.0	3
IT Server Replacement	40,000.00	0.00	0.0	0.00	0.0	2
Odorous Air VFD Replacement	35,000.00	0.00	0.0	0.00	0.0	3
Cake Discharge VFD Replacement	35,000.00	0.00	0.0	0.00	0.0	3
Polyblend Thickener	35,000.00	0.00	0.0	0.00	0.0	3
VFD Replacements	30,000.00	0.00	0.0	0.00	0.0	2
MPPS VFD	30,000.00	0.00	0.0	0.00	0.0	2
Lab Equipment Replacement	25,000.00	0.00	0.0	0.00	0.0	1
BNR Blower Replacement	25,000.00	0.00	0.0	34,512.03	138.0	4
Portable Welder Replacement	25,000.00	0.00	0.0	0.00	0.0	2
Vehicle Replacement*	0.00	0.00	0.0	9,938.93	0.0	4
Facilities Security System**	0.00	0.00	0.0	36,850.00	0.0	1
Accounting Software Upgrade***	0.00	0.00	0.0	4,680.00	0.0	1
<b>SUBTOTAL EXPENDITURES</b>	<b>2,620,000.00</b>	<b>5,449.31</b>	<b>0.2</b>	<b>607,242.04</b>	<b>23.2</b>	
Allocation of 26.8% of Bond Payment	813,816.00		0.0	105,423.57	13.0	
<b>TOTAL EXPENDITURES</b>	<b>3,433,816.00</b>	<b>5,449.31</b>	<b>0.2</b>	<b>712,665.61</b>	<b>20.8</b>	

\*67% 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 FY22
- (6) Project cancelled

\*Vehicle Replacement - Unit was budgeted for and expected to be received in FY21; however, the unit was not physically delivered or invoiced until FY22.

\*\*Facilities Security System - Project is in process, was originally budgeted for FY21.

\*\*\*Accounting Software Upgrade - Addition of Document Management Module

TAHOE-TRUCKEE SANITATION AGENCY  
 COMBINED CASH STATEMENT  
 FEBRUARY 28, 2022

<u>COMBINED CASH ACCOUNTS</u>	
CASH - US BANK CHECKING	602,051.26
CASH - USB SERVICE CHARGE	911,663.70
CASH - US BANK TAX REV	17,368.42
CASH - US BANK WWCRF	88,741.94
CASH - WELLS FARGO PAYROLL	4,077.86
CASH - WELLS FARGO INVESTMENTS	604,854.88
CASH - PETTY CASH	600.00
CASH - L.A.I.F.	<u>39,157,367.37</u>
TOTAL COMBINED CASH	41,386,725.43
CASH ALLOCATED TO OTHER FUNDS	<u>(41,386,725.43)</u>
TOTAL UNALLOCATED CASH	0.00

<u>FUND</u>	<u>CASH ALLOCATION RECONCILIATION</u>	<u>February 28, 2022</u>	<u>February 28, 2021</u>
02	ALLOCATION TO WASTEWATER CAPITAL RESERVE FUND	18,563,588.23	19,501,738.66
06	ALLOCATION TO R.R. & UPGRADE FUND	9,189,931.31	9,140,553.44
07	ALLOCATION TO EMERGENCY & CONTINGENCY FUND	7,279,436.30	7,257,286.24
10	ALLOCATION TO GENERAL FUND	<u>6,353,769.59</u>	<u>9,525,072.51</u>
	TOTAL ALLOCATION TO OTHER FUNDS	41,386,725.43	45,424,650.85
	ALLOCATIONS FROM COMBINED CASH FUND - 99	<u>(41,386,725.43)</u>	<u>(45,424,650.85)</u>
	ZERO PROOF IF ALLOCATIONS BALANCE	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

March 01, 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

February 2022 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
2/17/2022	2/17/2022	RW	1697758	1658009	MICHELLE MACKEY	-500,000.00

**Account Summary.**

Total Deposit:	0.00	Beginning Balance:	39,657,367.37
Total Withdrawal:	-500,000.00	Ending Balance:	39,157,367.37

[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	21.525427	662,665.614	\$14,264,160.41
<b>Total</b>			<b>\$14,264,160.41</b>
<a href="#">Download to Excel</a>			



# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** LaRue Griffin, General Manager  
**Item:** VI-1  
**Subject:** Report from February 16, 2022 and February 22, 2022 closed session meetings

---

### **Background**

At the conclusion of the closed session discussions at the February 16, 2022 and February 22, 2022 Board of Directors meetings, the meetings were adjourned without providing reports from closed session.

There was no action taken during the closed session meetings.

### **Fiscal Impact**

None.

### **Attachments**

None.

### **Recommendation**

Management recommends a report from the February 16, 2022 and February 22, 2022 closed session meetings.

### **Review Tracking**

Submitted By: \_\_\_\_\_

LaRue Griffin  
General Manager



# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** Roshelle Chavez, Executive Assistant/Board Clerk  
**Item:** VI-2  
**Subject:** Approval of the minutes of the regular Board meeting on February 16, 2022 and special Board meeting on February 22, 2022

---

### **Background**

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

### **Fiscal Impact**

None.


### **Attachments**

- Minutes of the regular Board meeting on February 16, 2022.
- Minutes of the special Board meeting on February 22, 2022.

### **Recommendation**

Management and staff recommend approval of the minutes of the regular Board meeting on February 16, 2022 and special Board meeting on February 22, 2022.

### **Review Tracking**

Submitted By:   
Roshelle Chavez  
Executive Assistant/Board Clerk

Approved By:   
LaRue Griffin  
General Manager



## **BOARD OF DIRECTORS REGULAR MEETING MINUTES**

February 16, 2022

### **I. Call to Order:**

President Wilkins called the regular meeting of the Tahoe-Truckee Sanitation Agency Board of Directors to order at 9:01 AM. The meeting was conducted via videoconference. Roll call and Pledge of Allegiance followed.

Directors Present: Dan Wilkins, TCPUD  
Blake Tresan, TSD  
S. Lane Lewis, NTPUD  
Dale Cox, OVPSD  
David Smelser, ASCWD

Staff Present: LaRue Griffin, 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  
Richard P. Shanahan, Agency Counsel  
Michelle Mackey, Administrative Department  
Paul Shouse, Maintenance Department  
Ryan Schultz, Maintenance Department  
Tobin Fuchs, Maintenance Department  
Luke Swann, Maintenance Department  
Greg O'Hair, Operations Department  
Jason Hays, Operations Department

Public Present: Tim Loper, Carollo Engineers  
Richard Gutierrez, Carollo Engineers  
Coral Taylor, Carollo Engineers  
Elisa Garvey, Carollo Engineers  
Brad Memeo, Public  
Steven Gortler, Public  
Pippin Mader, Public

II. AB 361 Action.

**MOTION** by Director Lewis **SECOND** by Director Cox 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 Board renew prior findings that meeting in person would continue to present imminent risks to the health or safety of attendees; and (iii) the authorization for meetings to be held by teleconference pursuant to Gov. Code, § 54953, subd. (e)(1)(C) is renewed; unanimously approved.

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

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

Motion passed.

III. Public Comment.

Pippin Mader provided public comment regarding Agency legal bills.

No action was taken by the Board.

IV. Professional Achievements, Awards & Anniversaries.

Mrs. Vicky Lufrano acknowledged Agency staff, Daniel Robenko, who attained a professional anniversary of 5 years.

No action was taken by the Board.

V. Consent Agenda.

1. Ratify payment of general fund warrants.
2. Ratify approval of financial statements.

**MOTION** by Director Lewis **SECOND** by Director Tresan to approve the consent agenda; unanimously approved.

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

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

Motion passed.

VI. Regular Agenda.

1. Report from January 19, 2022 closed session meeting.

Mr. Griffin stated there was nothing to report from the January 19, 2022 closed session meeting.

No action was taken by the Board.

2. Approval of the minutes of the regular Board meeting on January 19, 2022.

**MOTION** by Director Lewis **SECOND** by Director Cox to approve the minutes of the regular Board meeting on January 19, 2022; unanimously approved.

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

AYES: Directors Tresan, Lewis, Cox, Smelser, and President Wilkins.

NOES: None

ABSENT: None

ABSTAIN: None

Motion passed.

3. Presentation of the Master Sewer Plan.

Tim Loper and Richard Gutierrez with Carollo Engineers presented a review of the Master Sewer Plan to the Board of Directors. There were questions, answers, and discussion.

No action was taken by the Board.

4. Approval to accept the Master Sewer Plan.

**MOTION** by Director Cox **SECOND** by Director Tresan to accept the Carollo Engineers-prepared Master Sewer Plan dated February 2022; unanimously approved.

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

AYES: Directors Tresan, Lewis, Cox, Smelser, and President Wilkins.

NOES: None

ABSENT: None

ABSTAIN: None

Motion passed.

Meeting adjourned at 10:55 AM for a ten minute break.

Vice President Tresan reconvened the meeting at 11:07 AM, as President Wilkins stepped away from the meeting.

5. Approval to award the 2022 Roof Repair project.

**MOTION** by Director Lewis **SECOND** by Director Cox to award the 2022 Roof Repair project to CentiMark Corporation, Inc. in the amount of \$460,000.00 (\$420,316.00 bid plus contingency of \$39,684); unanimously approved.

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

AYES: Directors Lewis, Cox, Smelser, and Vice President Tresan.  
NOES: None  
ABSENT: Director Wilkins  
ABSTAIN: None

Motion passed.

6. Approval for the General Manager to negotiate a contract or contracts with a qualified contractor or contractors to perform the 2022 Control Room Upgrades project.

**MOTION** by Director Smelser **SECOND** by Director Lewis for approval of the General Manager to negotiate a contract or contracts with a qualified contractor or contractors to perform the 2022 Control Room Upgrades project because the Agency did not receive any responsive bids in response to the bid solicitation; unanimously approved.

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

AYES: Directors Lewis, Cox, Smelser, and Vice President Tresan.  
NOES: None  
ABSENT: Director Wilkins  
ABSTAIN: None

Motion passed.

7. Approval to award the Open Channel Flow Metering Devices project.

**MOTION** by Director Lewis **SECOND** by Director Cox to award the 2022 Roof Repair project to Utility Systems Science and Software for \$42,500.00 (\$38,375.64 bid plus contingency of \$4,124.46); unanimously approved.

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

AYES: Directors Lewis, Cox, Smelser, and Vice President Tresan.  
NOES: None  
ABSENT: Director Wilkins  
ABSTAIN: None

Motion passed.

8. Approval of Resolution No. 1-2022 approving bidding exception and authorizing purchase of used manlift.

**MOTION** by Director Lewis **SECOND** by Director Smelser to approve Resolution No. 1-2022 approving bidding exception and authorizing purchase of used manlift; unanimously approved.

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

AYES: Directors Lewis, Cox, Smelser, and Vice President Tresan.  
NOES: None  
ABSENT: Director Wilkins  
ABSTAIN: None

Motion passed.

9. Report of Cal/OSHA Inspection No. 1545120.

Mr. Griffin provided a report of the Cal/OSHA Inspection No. 1545120 to the Board of Directors.

Director Wilkins rejoined the meeting at 11:35 AM.

Mr. Pippin Mader provided public comment regarding Cal/OSHA Inspection No. 1545120.

No action was taken by the Board.

10. Discussion of in-person Board of Directors meeting.

The Board of Directors requested the March 2022 regular Board of Directors meeting be held via videoconference per AB 361.

## 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.

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

VIII. Board of Directors Comment.

Director Tresan requested an agenda item to be added to next month's agenda to discuss the option to hire a consultant to perform an analysis of the Agency connection fees and service charges based on the Master Sewer Plan. He also informed the Board of the Hercules® Shutout™ product.

Director Lewis stated the Master Sewer Plan was a great study and planning tool by Carollo, but he thought it was premature to begin a sewer rate study.

Director Cox stated the Agency should discuss a sewer rate study at the next Board meeting.

Director Smelser said that the Agency should use the Master Sewer Plan as a road map, and when a rate study is performed, they can take into consideration at that time.

President Wilkins restated the request of Directors Tresan and Cox to add an agenda item to next month's Board meeting to discuss direction for staff to pursue hiring of a consultant to assist with rate review, rate setting, and possible updates to our connection fee policy.

Mr. Pippin Mader provided public comment regarding Board of Directors comments.

No action was taken by the Board.

The Board went into closed session with legal counsel and Mr. Griffin at 12:18 PM.

IX. Closed Session.

1. Closed session for public employee performance evaluation of the General Manager.

X. Adjournment.

There being no further business, the meeting was adjourned at 12:53 PM.

LaRue Griffin  
Secretary to the Board

Approved: \_\_\_\_\_

**BOARD OF DIRECTORS  
SPECIAL MEETING MINUTES**

February 22, 2022

I. Call to Order:

President Wilkins called the special meeting of the Tahoe-Truckee Sanitation Agency Board of Directors to order at 2:01 PM. The meeting was conducted via videoconference. Roll call and Pledge of Allegiance followed.

Directors Present: Dan Wilkins, TCPUD  
Blake Tresan, TSD  
S. Lane Lewis, NTPUD  
Dale Cox, OVPSD  
David Smelser, ASCWD

Staff Present: LaRue Griffin, General Manager  
Roshelle Chavez, Executive Assistant/Board Clerk  
Richard P. Shanahan, Agency Counsel  
Monna Radulovich, Agency Counsel  
Michael Peak, Operations Department

Public Present: Pippin Mader, Public  
Josie Jarpur, Public

II. AB 361 Action.

**MOTION** by Director Lewis **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 Board renew prior findings that meeting in person would continue to present imminent risks to the health or safety of attendees; and (iii) the authorization for meetings to be held by teleconference pursuant to Gov. Code, § 54953, subd. (e)(1)(C) is renewed; **unanimously approved.**

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

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

Motion passed.

III. Public Comment.

Mr. Pippin Mader provided public comment regarding his intent to have his reported concerns heard by the Board, as he believes they have not been. He also provided comment regarding the closed session item of Fay v. Tahoe-Truckee Sanitation Agency.

No action was taken by the Board.

The Board went into closed session with legal counsel and Mr. Griffin at 2:08 PM.

IV. Closed Session.

1. Closed session conference with legal counsel for existing litigation (Government Code section 54956.9(d)(1)) – Fay v. Tahoe-Truckee Sanitation Agency.

V. Adjournment.

There being no further business, the meeting was adjourned at 3:45 PM.

LaRue Griffin  
Secretary to the Board

Approved: \_\_\_\_\_





# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** Vicky Lufrano, Human Resources Administrator  
**Item:** VI-3  
**Subject:** Approval of the 2022 COVID-19 Supplemental Paid Sick Leave (SPSL) Policy

---

### **Background**

The Tahoe Truckee Sanitation Agency Employee Handbook became effective in April 2020. In April 2020, as mandated by the Department of Labor, TTSA enacted on an emergency, temporary basis, the FMLA Leave Expansion and Emergency Paid Sick Leave (EPSL) Policy due to COVID-19. This emergency and temporary policy was effective from April 1, 2020 to December 31, 2020. This law has now expired.

In January 2021, on its own accord, the Board approved a continuation of EPSL benefits from January 1, 2021 until June 30, 2021. During that time, the State of CA mandated Supplemental Paid Sick Leave (SPSL) retroactively from January 1, 2021 through September 30, 2021.

Recently, California Legislators passed SB-114, which is an updated SPSL, beginning retroactively January 1, 2022 and continuing through September 30, 2022. The Agency has created a 2022 COVID-19 Supplemental Paid Sick Leave (SPSL) Policy to reflect SB-114.

### **Fiscal Impact**

Salary cost for eligible employees.


### **Attachments**

2022 COVID-19 Supplemental Paid Sick Leave (SPSL) Policy.

### **Recommendation**

Management and staff recommend the Board of Directors approve the 2022 COVID-19 Supplemental Paid Sick Leave (SPSL) Policy with a retroactive effective date of January 1, 2022.

### **Review Tracking**

Submitted By:   
Vicky Lufrano  
Human Resources Administrator

Approved By:   
LaRue Griffin  
General Manager

## 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*  
*S. Lane Lewis*  
*Dale Cox*  
*David Smelser*  
**General Manager**  
*LaRue Griffin*

## 2022 COVID-19 Supplemental Paid Sick Leave (SPSL) Policy

### Purpose

A new California law (SB114) has passed that requires employers to provide supplemental paid sick leave ("SPSL") related to COVID-19. The law was signed on February 9, 2022, but is retroactive to January 1, 2022, and expires on September 30, 2022.

Under this new law, employees may be entitled to two separate banks of SPSL time of up to 40 hours each, for a total of up to 80 hours of COVID-19 supplemental paid sick leave.

### Qualifying Reasons to Take SPSL

A "covered employee" eligible to request SPSL is one who is unable to work (or telework) due to one or more of the following reasons:

1. The covered employee is subject to a defined public health quarantine or isolation period related to COVID-19.
2. The covered employee has been advised by a health care provider to isolate or quarantine due to COVID-19.
3. The covered employee is attending an appointment for themselves or a defined family member to receive a vaccine or a vaccine booster for protection against COVID-19.
4. The covered employee is experiencing symptoms, or is caring for a defined family member experiencing symptoms, related to a COVID-19 vaccine or vaccine booster.
5. The covered employee is experiencing symptoms of COVID-19 and seeking a medical diagnosis.
6. The covered employee is caring for a family member who:
  - A. Is subject to a defined public health order or guidance to isolate or quarantine, OR
  - B. Has been advised by a health care provider to isolate or quarantine due to COVID-19.
7. The covered employee is caring for a child whose school or place of care is closed, or otherwise unavailable, for reasons related to COVID-19 on the premises.
8. The covered employee, or a defined family member for whom the covered employee is providing care, tests positive for COVID-19. Proof of a positive test result may be required.

### Amount of Supplemental Paid Sick Leave

Full-time employees may request to use up to 40 hours of SPSL for any of the qualifying reasons 1-7 above. Full-time employees may request to use up to 40 hours of SPSL for qualifying reason 8 above.

### Rate of Pay

SPSL is paid at the employee's regular rate of pay, not to exceed \$511 per day and \$5,110 in total.

### Interaction with Other Paid Leave

The employee may request to use SPSL before using any other accrued paid time off to which the employee may be entitled.

### Procedure for Requesting Supplemental Paid Sick Leave

Employees must complete the attached Request for 2022 COVID-19 Supplemental Paid Sick Leave (SPSL) form and submit the form to HR or their department manager. Once reviewed the employee will be notified of approval.

The Agency does not tolerate discrimination or retaliation against an employee requesting or using SPSL.

Please contact the HR department with any questions.

**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*  
*S. Lane Lewis*  
*Dale Cox*  
*David Smelser*  
**General Manager**  
*LaRue Griffin*

**Request for 2022 COVID-19 Supplemental Paid Sick Leave (SPSL)**

To request SPSL as provided under the 2022 Supplemental Paid Sick Leave (SPSL) Policy, please complete the following request form and submit to your department manager or Human Resources as soon as possible, preferably before leave commences. Verbal notice will be accepted until a form can be provided.

Employee Name (print clearly): \_\_\_\_\_

Department/Job Title: \_\_\_\_\_

Requested Leave Start Date: \_\_\_\_\_ Estimated End Date: \_\_\_\_\_

The amount of supplemental paid sick leave being requested is \_\_\_\_\_ hours.

The reason for this supplemental paid sick leave request is (check the appropriate reason below):

- 1. The covered employee is subject to a defined public health quarantine or isolation period related to COVID-19.
- 2. The covered employee has been advised by a health care provider to isolate or quarantine due to COVID-19.
- 3. The covered employee is attending an appointment for themselves or a defined family member to receive a vaccine or a vaccine booster for protection against COVID-19.
- 4. The covered employee is experiencing symptoms, or is caring for a defined family member experiencing symptoms, related to a COVID-19 vaccine or vaccine booster.
- 5. The covered employee is experiencing symptoms of COVID-19 and seeking a medical diagnosis.
- 6. The covered employee is caring for a family member who:
  - Is subject to a defined public health order or guidance to isolate or quarantine, OR
  - Has been advised by a health care provider to isolate or quarantine due to COVID-19.
- 7. The covered employee is caring for a child whose school or place of care is closed, or otherwise unavailable, for reasons related to COVID-19 on the premises.
- 8. The covered employee, or a defined family member for whom the covered employee is providing care, tests positive for COVID-19. Proof of a positive test result may be required.

By signing below, I attest that I qualify to utilize SPSL due to the above check-marked reason(s).

Employee Signature \_\_\_\_\_ Date \_\_\_\_\_



# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** Jay Parker, Engineering Manager  
**Item:** VI-4  
**Subject:** Approval to award the bid for the 2022 Plant Coating project

---

### **Background**

The 2022 Plant Coating project builds on the recent projects of 2016, 2018, 2020, and 2021. These projects entail repairing areas of the water reclamation plant that are corroding using a strategic phased approach to extend the expected service life of the various facilities involved. The focus of this phase is to rehabilitate and recoat Stripper Basin No. 57 and Secondary Clarifier No. 14 (also known as Secondary Clarifier No. 1). If awarded by the Board, field work is slated to occur between May 23, 2022 and September 23, 2022.

The project bid schedule was divided into base bid items and additive bid items, which allowed the Agency to solicit separate pricing to breakdown and reconstruct the facility before and after the coating work, respectively. The extra work contemplated by the additive bid items to breakdown and rebuild the facilities is normally performed by the Agency's own forces; however, the Agency was interested in seeing how much a contractor would charge to perform this work. Additive bid items may be optionally added or left out of the contract at the Agency's sole discretion. The contract is constructed so that the bid is awarded to the lowest base bid price from a responsible and responsive bidder without consideration of the additive bid item prices.

Three bids for the project were received on February 24, 2022 as follows (base bid price excluding additive bid items / total bid price including additive bid items):

- F.D. Thomas, Inc., Sacramento, CA: \$414,218.00 / \$1,201,344.00
- Euro Style Management, North Highlands, CA: \$579,230.00 / \$963,230.00
- Farr Construction Corporation, Sparks, NV: \$571,580.00 / \$791,480.00

F.D. Thomas, Inc.'s bid was found to be responsible and responsive.

### **Fiscal Impact**

F.D. Thomas, Inc.'s base bid price is less than both the engineer's estimate of \$520,000 and the budgeted amount of \$550,000 for this project. If the additive bid items were to be included in the contract, project costs would be approximately \$650,000 over budget.


### **Attachments**


None.

**Recommendation**

Management and staff recommend approval to award the bid for the 2022 Plant Coating project to F.D. Thomas, Inc. without inclusion of the additive bid items and approve a contract amount up to \$460,000 (\$414,218.00 base bid plus approximately 11% contingency).

**Review Tracking**

Submitted By:   
Jay Parker  
Engineering Manager

Approved By:   
LaRue Griffin  
General Manager



# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** Jay Parker, Engineering Manager  
**Item:** VI-5  
**Subject:** Approval to solicit bids for the 2022 Plant Improvements project

---

### **Background**

The 2022 Plant Improvements project combines two projects identified in the 5-year capital improvements plan: (1) the effluent flow meter installation project and, (2) the two-water system improvement project. These elements are combined into one project set for efficiency purposes as they are of similar nature. In this project, a permanent electromagnetic flowmeter will be installed on the filter effluent piping and the existing suction-side two-water isolation valves will be replaced in the yard. The construction work contemplated would be performed by a general contractor with field work slated to occur between June 27, 2022 and October 28, 2022.

### **Fiscal Impact**

The engineer's estimate for this project is \$225,000.


### **Attachments**

2022 Plant Improvements project contract drawings.

### **Recommendation**

Management and staff recommend approval to solicit bids for the 2022 Plant Improvements project.

### **Review Tracking**

Submitted By:   
Jay Parker  
Engineering Manager

Approved By:   
LaRue Griffin  
General Manager

# TAHOE-TRUCKEE SANITATION AGENCY



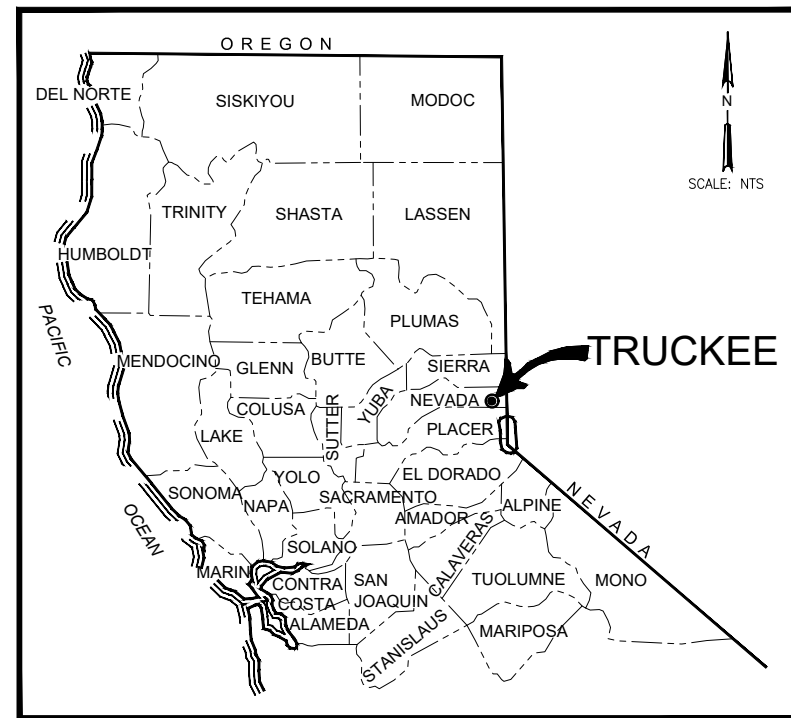
## REGIONAL WATER RECLAMATION PLANT 2022 PLANT IMPROVEMENTS PROJECT

**MARCH 2022**

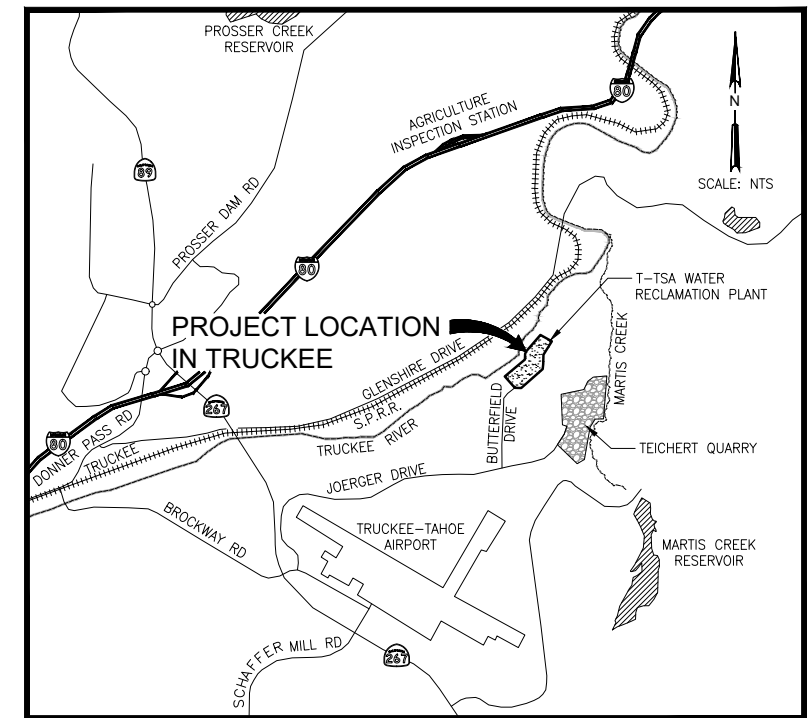
### BOARD OF DIRECTORS

PRESIDENT	DAN WILKINS
VICE PRESIDENT	BLAKE TRESAN
DIRECTOR	S. LANE LEWIS
DIRECTOR	DALE COX
DIRECTOR	DAVID SMELSER

APPROVED: \_\_\_\_\_  
GENERAL MANAGER  
LARUE GRIFFIN



VICINITY MAP



LOCATION MAP

T:\Engineering\Projects\2022\_Plant Improvements Project\Design Phase\Drawings\G-001.dwg 3/8/2022 16:00



Tahoe-Truckee Sanitation Agency  
13720 Butterfield Drive  
Truckee, California 96161  
(530) 587-2525



### 2022 PLANT IMPROVEMENTS PROJECT

GENERAL

### COVER SHEET, LOCATION MAP, AND VICINITY MAP

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

NO.	REVISIONS		APPROVED BY	DATE	SHEET	1 OF 13	
					DWG NO.	G-001	
					DATE	MARCH 2022	
DESIGNED BY:	SJF	DRAWN BY:	SJF	CHECKED BY:	APC/JAP	APPROVED BY:	LG

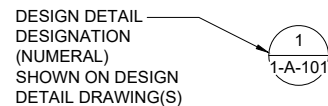
**SHEET INDEX**

SHEET	DRAWING NO.	TITLE
<b>GENERAL</b>		
1	G-001	COVER SHEET, LOCATION MAP, AND VICINITY MAP
2	G-002	SHEET INDEX, ABBREVIATIONS, LEGENDS, AND NOTES
3	G-003	ELECTRICAL LEGEND AND NOTES
4	G-004	SITE ACCESS AND WORK LOCATION MAP
<b>CIVIL</b>		
5	GC-101	2W YARD PIPING - SITE PLAN AND DEMOLITION
6	GC-201	2W YARD PIPING - IMPROVEMENTS
7	GC-401	CIVIL SECTIONS AND DETAILS
<b>MECHANICAL</b>		
8	2-M-101	AWT FACILITY NO. 2 - PROJECT LOCATION PHOTO MAP
9	2-M-102	AWT FACILITY NO. 2 - PROJECT LOCATION PHOTO SHEET
10	2-M-201	AWT FACILITY NO. 2 - DEMOLITION PLAN AND SECTION
11	2-M-202	AWT FACILITY NO. 2 - IMPROVEMENTS PLAN AND SECTION
12	2-M-401	MECHANICAL AND ELECTRICAL DETAILS
<b>ELECTRICAL</b>		
13	2-E-201	AWT FACILITY NO. 2 - POWER AND COMMUNICATION PLAN

**ABBREVIATIONS**

1W	POTABLE WATER	MATL	MATERIAL
2W	NON-POTABLE WATER	MAX	MAXIMUM
AC	ASBESTOS CEMENT	MCC	MOTOR CONTROL CENTER
APVD	APPROVED	MIL	UNIT OF MEASUREMENT EQUAL TO 1/1000 INCH
AWT	ADVANCED WASTE TREATMENT	MO	MASONRY OPENING
BFV	BUTTERFLY VALVE	MIN	MINIMUM
BSP	BLACK STEEL PIPE	NO.	NUMBER
BWW	BACKWASH WASTEWATER	NTS	NOT TO SCALE
C	CONDUIT	OC	ON CENTER
C.C.	CARBON COLUMN	OD	OUTSIDE DIAMETER
CI	CAST IRON	PLE	PLANT EFFLUENT PIPE AND APPURTENANCES
CHK	CHECKED		
CLR	CLEAR	PROJ	PROJECT
CMU	CONCRETE MASONRY UNIT	RO	ROUGH OPENING
CONC	CONCRETE	STL	STEEL
CWI	CERTIFIED WELDING INSPECTOR	STND	STANDARD
DJ	DISMANTLING JOINT	THCK	THICK
DR	DRAWN	TSP	TWISTED SHIELDED PAIR
DWG	DRAWING	TYP	TYPICAL
EQ	EQUAL		
EW	EACH WAY		
EXIST	EXISTING		
FCV	FLOW CONTROL VALVE		
FF	FLAT FACE		
FIT	FLOW INDICATING TRANSMITTER		
FLG	FLANGE		
FLG'D	FLANGED		
G	GROUND		
GALV	GALVANIZED		
HGT	HEIGHT		
HM	HOLLOW METAL		
M	MAGNETIC FLOW METER		

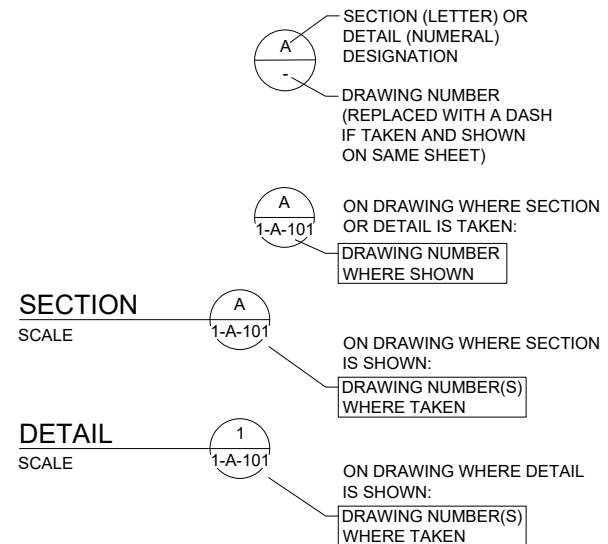
**DESIGN / DETAIL DESIGNATION**



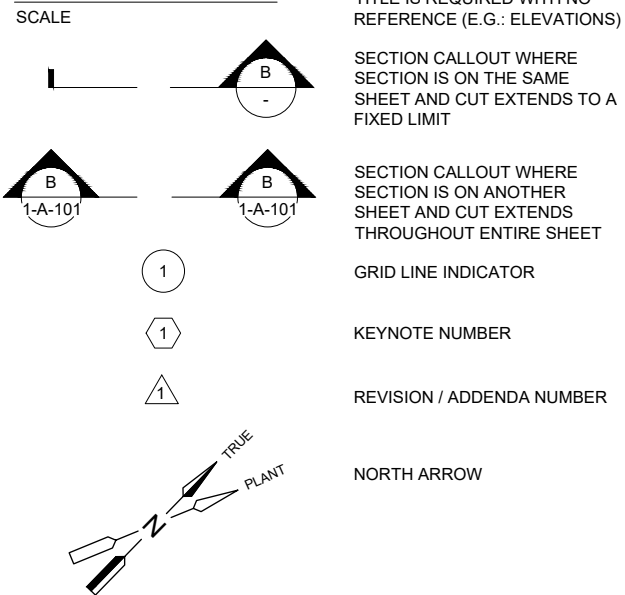
**NOTES:**

- ALL DESIGN DETAILS ARE TYPICAL AND MUST BE USED WHEN DESIGN DETAIL DESIGNATION IS NOT SHOWN.
- THE TERM STANDARD DETAIL, OR A FORM OF IT, IS SYNONYMOUS WITH DESIGN DETAIL. THE DESIGN DETAILS REPRESENT THE CHARACTER AND NATURE OF THE WORK REQUIRED THROUGHOUT THE PROJECT. ALL ASSOCIATED WORK SHALL BE IN ACCORDANCE WITH THE DESIGN DETAILS AND CONTRACT DOCUMENTS SHOWN WHETHER THE DETAILS ARE SPECIFICALLY REFERENCED OR NOT.

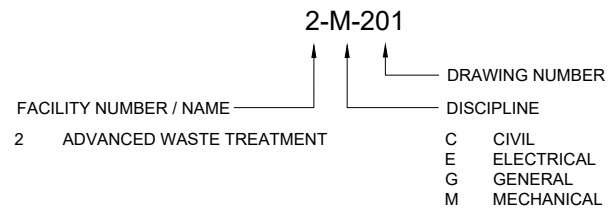
**SECTION / DETAIL DESIGNATIONS**



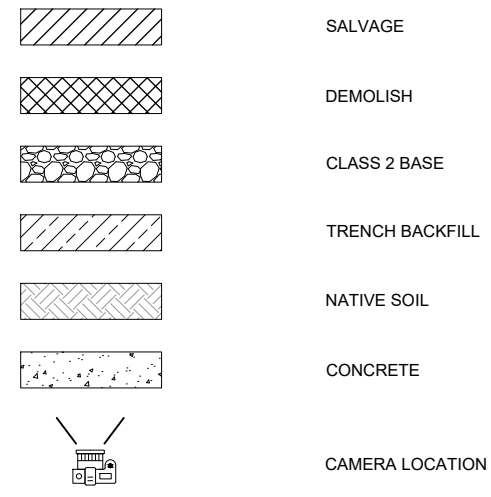
**DRAWING TITLE**



**DRAWING NUMBER DESIGNATION**



**LEGEND**



**NOTES:**

- EXISTING PIPING, EQUIPMENT, AND FACILITIES ARE SHOWN SCREENED AND/OR LIGHT LINED. NEW PIPING, EQUIPMENT, AND STRUCTURES ARE SHOWN HEAVY-LINED.
- THIS IS A STANDARD LEGEND SHEET AND SOME SYMBOLS MAY APPEAR ON THIS SHEET AND NOT BE USED ON THE PLANS.

**GENERAL NOTES:**

- ANCHORAGE AND BRACING SYSTEMS:
  - CONTRACTOR SHALL PROVIDE AS PART OF THE WORK ANCHORAGE AND BRACING SYSTEM CALCULATIONS FOR ATTACHMENTS, ANCHORAGES, BRACES, AND SUPPORTS. CALCULATIONS TO INCLUDE CALIFORNIA BUILDING CODE AND PROJECT SPECIFIC CRITERIA FOR LOCATION, IN ADDITION TO MANUFACTURER'S SPECIFIC CRITERIA USED FOR DESIGN. SUBMITTED SEISMIC ANCHORAGE DRAWINGS AND CALCULATIONS SHALL BE PROVIDED TO THE AGENCY PRIOR TO INSTALLATION OF SUPPORTS, COMPONENTS, EQUIPMENT, PIPING, AND APPURTENANCES.
  - ANCHORAGE AND BRACING SYSTEMS SHALL BE DESIGNED AND SEALED BY A CALIFORNIA REGISTERED PROFESSIONAL ENGINEER. THE REGISTERED PROFESSIONAL ENGINEER SHALL HAVE AT LEAST FIVE (5) YEARS OF EXPERIENCE PERFORMING ANALYSIS AND DESIGN OF SIMILAR ANCHORAGE AND BRACING SYSTEMS.

**GENERAL NOTES, CONTINUED:**

- SHORING AND BRACING SYSTEMS:
  - CONTRACTOR SHALL SUBMIT CALCULATIONS AND DETAILED DRAWINGS SHOWING DESIGN FOR SHORING, BRACING, SLOPING, AND ANY OTHER APPLICABLE PROVISIONS (PURSUANT TO CALIFORNIA LABOR CODE 6705) TO PROTECT WORKERS FROM HAZARD OF CAVING GROUND PRIOR TO BEGINNING WORK. SUCH DRAWINGS AND CALCULATIONS SHALL CONFORM TO CAL OSHA CONSTRUCTION SAFETY ORDERS. CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR BRACING AND SHORING SYSTEMS, AND SHALL NOT IMPOSE ANY LIABILITY ON THE AGENCY, AGENCY'S REPRESENTATIVES INCLUDING AGENCY'S ENGINEER.
  - SHORING AND BRACING SYSTEM CALCULATIONS AND DRAWINGS SHALL BE DESIGNED AND SEALED BY A CALIFORNIA REGISTERED PROFESSIONAL CIVIL OR STRUCTURAL ENGINEER. CALCULATIONS SHALL TAKE INTO ACCOUNT LOADING FROM ADJACENT BUILDING. THE REGISTERED PROFESSIONAL ENGINEER SHALL HAVE AT LEAST FIVE (5) YEARS OF EXPERIENCE PERFORMING ANALYSIS AND DESIGN OF SIMILAR SHORING AND BRACING SYSTEMS.
- PROTECT IN PLACE ALL EXISTING AGENCY PIPING, APPURTENANCES, AND EQUIPMENT IN THE VICINITY OF THE WORK. CONTRACTOR SHALL BEAR ANY COSTS ASSOCIATED WITH DAMAGE TO EXISTING PIPES OR APPURTENANCES AS A RESULT OF THE WORK. ANY EQUIPMENT OR PIPING THAT REQUIRES TEMPORARY DISCONNECTION AND RECONNECTION SHALL BE COORDINATED WITH THE AGENCY AT LEAST SEVEN (7) DAYS IN ADVANCE. CONTRACTOR SHALL NOT DISCONNECT ANY EQUIPMENT WITHOUT PRIOR APPROVAL FROM THE AGENCY AND SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE DISCONNECTION AND RECONNECTION OF EQUIPMENT NECESSARY TO COMPLETE THE CONTRACT WORK.
- EXISTING DIMENSIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BID, SUBMITTALS, AND STARTING THE CONTRACT WORK.
- ALL PVC PIPE SHALL BE JM EAGLE OR EQUAL AND CONFORM TO ASTM D1785 AND SHALL BE SCHEDULE 40.
- CONCRETE SHALL BE POURED ON A FRIDAY.
- RELATIVE COMPACTIONS SHALL BE ATTAINED ACCORDING TO ASTM D1557 USING TEN-POUND HAMMER AT 18-INCH DROP.
- CONTRACTOR SHALL PROVIDE A QUALIFIED GEOTECHNICAL INSPECTOR TO BE PRESENT DURING BACKFILL OPERATIONS. GEOTECHNICAL INSPECTOR SHALL TEST EACH LIFT FOR COMPLIANCE WITH RELATIVE COMPACTION SPECIFICATIONS. COMPACTION DATA COLLECTED BY GEOTECHNICAL INSPECTOR SHALL BE REVIEWED, SEALED, AND SIGNED BY A CALIFORNIA REGISTERED GEOTECHNICAL ENGINEER.
- EXCAVATE TO LINES, GRADES, AND DIMENSIONS AS NECESSARY TO ACCOMPLISH THE PRESCRIBED WORK. DO NOT OVER EXCAVATE WITHOUT WRITTEN AUTHORIZATION OF THE ENGINEER.
- STOCKPILE EXCAVATED MATERIAL SUITABLE FOR USE AS BACKFILL UNTIL IT IS NEEDED. STOCKPILED MATERIAL SHALL BE KEPT IN AN AREA APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL PROVIDE A CERTIFIED WELDING INSPECTOR TO INSPECT ALL WELDS.
- NOT ALL EQUIPMENT, PIPING, AND RELATED APPURTENANCES ARE SHOWN ON THE DRAWINGS. EQUIPMENT, PIPING, AND RELATED APPURTENANCES NOT SHOWN MAY IMPACT HOW THE WORK IS PERFORMED. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO, DEMOLITION AND SALVAGE OF SPECIFIED ITEMS, AND INSTALLATION OF ITEMS SPECIFIED IN THESE CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING SITE CONDITIONS PRIOR TO BIDDING THE WORK.

T:\Engineering\Projects\2022\_Plant Improvements Project\Design Phase\Drawings\G-002.dwg 3/2/2022 15:06



Tahoe-Truckee Sanitation Agency  
13720 Butterfield Drive  
Truckee, California 96161  
(530) 587-2525



**2022 PLANT IMPROVEMENTS PROJECT**

GENERAL

**SHEET INDEX, ABBREVIATIONS, LEGENDS, AND NOTES**

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

NO.	REVISIONS	APPROVED BY	DATE
DESIGNED BY:	SJF	DRAWN BY:	SJF
CHECKED BY:	APC/JAP	APPROVED BY:	LG

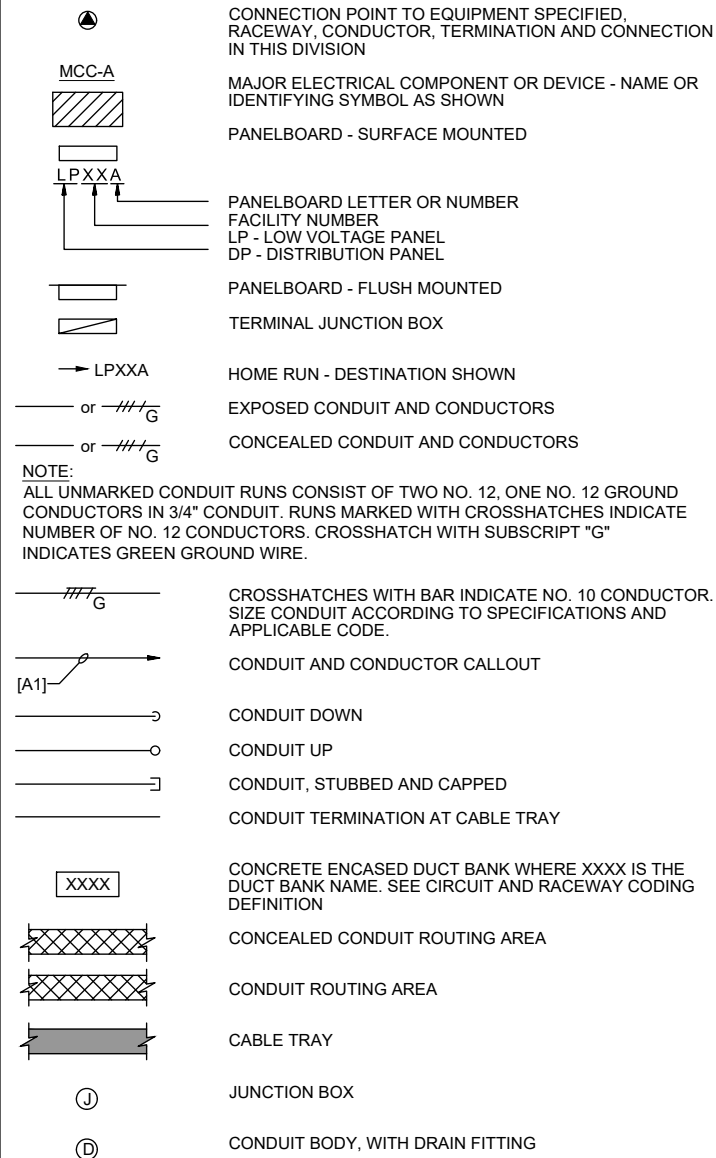
SHEET 2 OF 13

DWG NO. G-002

DATE MARCH 2022



**POWER SYSTEM PLAN**



- NOTES:**
- THESE ARE STANDARD LEGEND SHEETS, SOME SYMBOLS AND ABBREVIATIONS MAY APPEAR ON THE LEGEND AND NOT ON THE DRAWINGS.
  - FOR ADDITIONAL ABBREVIATIONS OF OTHER DIVISIONS (INSTRUMENTATION AND CONTROLS), SEE OTHER LEGENDS.

**ELECTRICAL NOTES:**

- CONDUCTORS SHALL BE BELDEN (OR EQUAL) THHN WIRE AND SHALL BE STRANDED COPPER CONFORMING TO ASTM B3, ASTM B878, AND ASTM B8. INSULATION COMPOUND SHALL BE POLYVINYL CHLORIDE (PVC), MOISTURE AND HEAT RESISTANT, AND FLAME RETARDANT CONFORMING TO UL-1063 AND UL-83. JACKETING SHALL BE A NYLON OUTER COVERING CONFORMING TO UL-1063 AND UL-83.
- TYPE 3: TWISTED SHIELDED PAIR (TSP) INSTRUMENTATION CABLE 4-20 MA WIRE SHALL BE BELDEN (OR EQUAL). SINGLE PAIR DEIGNED FOR NOISE REJECTION FOR PROCESS CONTROL, DATA LOGGING, OR COMPUTER APPLICATIONS MEETING NEMA WC 55 REQUIREMENTS. OUTER JACKETING SHALL BE 45 MILS NOMINAL THICKNESS. INDIVIDUAL PAIR SHIELD SHALL BE 1.35 MILS. DOUBLE FACED ALUMINUM/SYNTHETIC POLYMER OVERLAPPED TO PROVIDE 100 PERCENT COVERAGE. CONDUCTORS SHALL BE BARE SOFT ANNEALED COPPER, CLADD B, SEVEN STRAND CONCENTRIC MEETING REQUIREMENTS OF ASTM B8. CONDUCTOR JACKETING SHALL BE 4 MILS NOMINAL NYLON.
- RIGID CONDUITS SHALL BE THOMAS & BETTS (OR EQUAL) RIGID GALVANIZED STEEL (RGS) CONFORMING TO NEMA C80.1 AND UL-6. MATERIAL SHALL BE HOT-DIP GALVANIZED WITH CHROMATED PROTECTIVE LAYER.
- FLEXIBLE CONDUITS SHALL BE THOMAS & BETTS (OR EQUAL) AND SHALL CONFORM TO WATERTIGHT REQUIREMENTS OF NEMA TYPE 4 AND NEMA TYPE 6P ENCLOSURES. MATERIAL SHALL BE OF NON-METALLIC CONSTRUCTION AND CONFORM TO CSA 2202 #227.2 AND CSA 22.2 #227.3. MATERIAL SHALL HAVE A FLAMMABILITY RATING CONFORMING TO UL 94-V2.
- JUNCTION BOXES SHALL BE THOMAS & BETTS (OR EQUAL) AND SHALL CONFORM TO NEMA C80.1 AND UL-6. MATERIAL SHALL BE HOT-DIP GALVANIZED STEEL WITH CHROMATED PROTECTIVE LAYER. BOXES SHALL MATCH AND BE COMPATIBLE WITH PROPOSED OR EXISTING CONDUIT THAT IS TO BE CONNECTED TO IT.

T:\Engineering\Projects\2022\_Plant Improvements\Project\Design\Phase Drawings\G-003.dwg 3/9/2022 08:50



Tahoe-Truckee Sanitation Agency  
 13720 Butterfield Drive  
 Truckee, California 96161  
 (530) 587-2525



**2022 PLANT IMPROVEMENTS PROJECT**

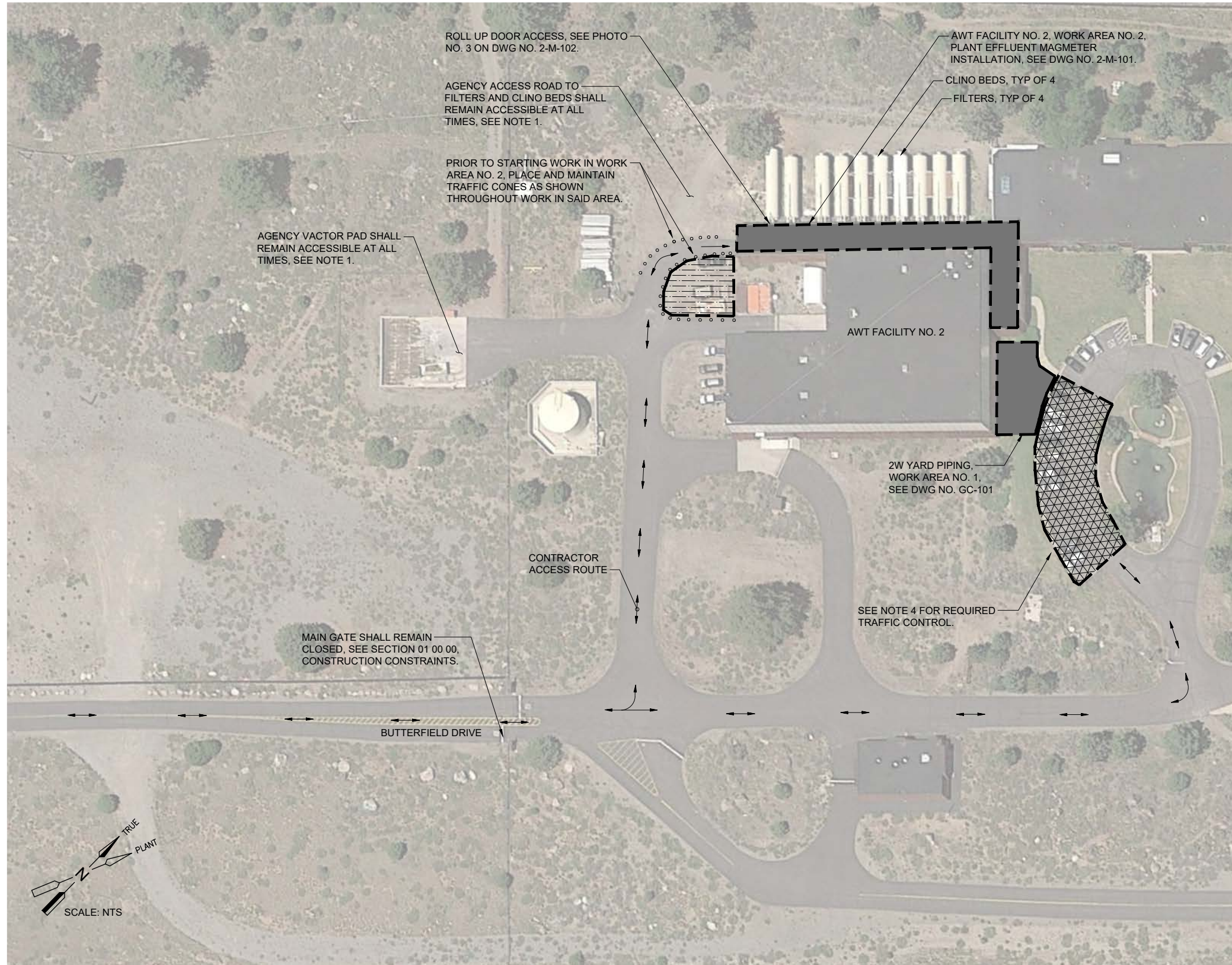
GENERAL

**ELECTRICAL LEGEND AND NOTES**

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 ——— 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

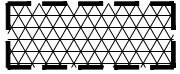



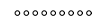
NO.	REVISIONS	APPROVED BY	DATE	SHEET	3 OF 13
				DWG NO.	G-003
				DATE	MARCH 2022
DESIGNED BY:	SJF	DRAWN BY:	SJF	CHECKED BY:	APC/JAP
				APPROVED BY:	LG



**NOTES:**

1. CONTRACTOR SHALL MAINTAIN AGENCY ACCESS TO ALL FACILITIES AND SHALL CONFIRM WITH THE AGENCY ACCEPTABLE STAGING AND PARKING AREAS PRIOR TO CONSTRUCTION. AT NO TIME SHALL THE CONTRACTOR RESTRICT ACCESS TO A FACILITY WITHOUT PRIOR COORDINATION AND CONSENT BY THE AGENCY.
2. CONTRACTOR SHALL KEEP TO PRIMARY ACCESS ROUTES FOR CONSTRUCTION. IF CONTRACTOR REQUIRES ALTERNATIVE ACCESS, CONTRACTOR SHALL REQUEST PRIOR APPROVAL BY AGENCY.
3. CONTRACTOR SHALL COORDINATE ALL WORK TO ENSURE THAT CHEMICAL DELIVERIES AND LOADOUTS FROM ALL FACILITIES ARE MAINTAINED THROUGHOUT THE ENTIRE CONTRACT PERIOD AND SHALL NOT HAVE EQUIPMENT STAGED THAT PREVENTS THE CHEMICAL DELIVERIES AND LOADOUTS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND PLACING A MINIMUM OF 10 TRAFFIC CONES, 10 CONSTRUCTION BARRICADES, AND CAUTION TAPE AROUND THE LIMITS OF THE 2W YARD PIPING WORK AREA NO. 1 TO THE SATISFACTION OF THE AGENCY. THE TRAFFIC CONES SHALL REMAIN IN PLACE THROUGHOUT THE DURATION OF THE WORK IN WORK AREA NO. 1 AND SHALL BE REMOVED BY THE CONTRACTOR ONCE THE WORK IN SAID AREA IS COMPLETED.
5. SITE ACCESS ROUTE SHALL BE KEPT CLEAR AT ALL TIMES.

**LEGEND**

- WORK AREA #1 STAGING AREA 
- WORK AREA #2 STAGING AREA 
- LOCATION OF FACILITIES TO BE WORKED ON 
- SITE ACCESS ROUTE 
- TRAFFIC CONES 

T:\Engineering\Projects\2022\_Plant Improvements\Project\Design\Phase Drawings\G-004.dwg 3/9/2022 13:10



Tahoe-Truckee Sanitation Agency  
 13720 Butterfield Drive  
 Truckee, California 96161  
 (530) 587-2525

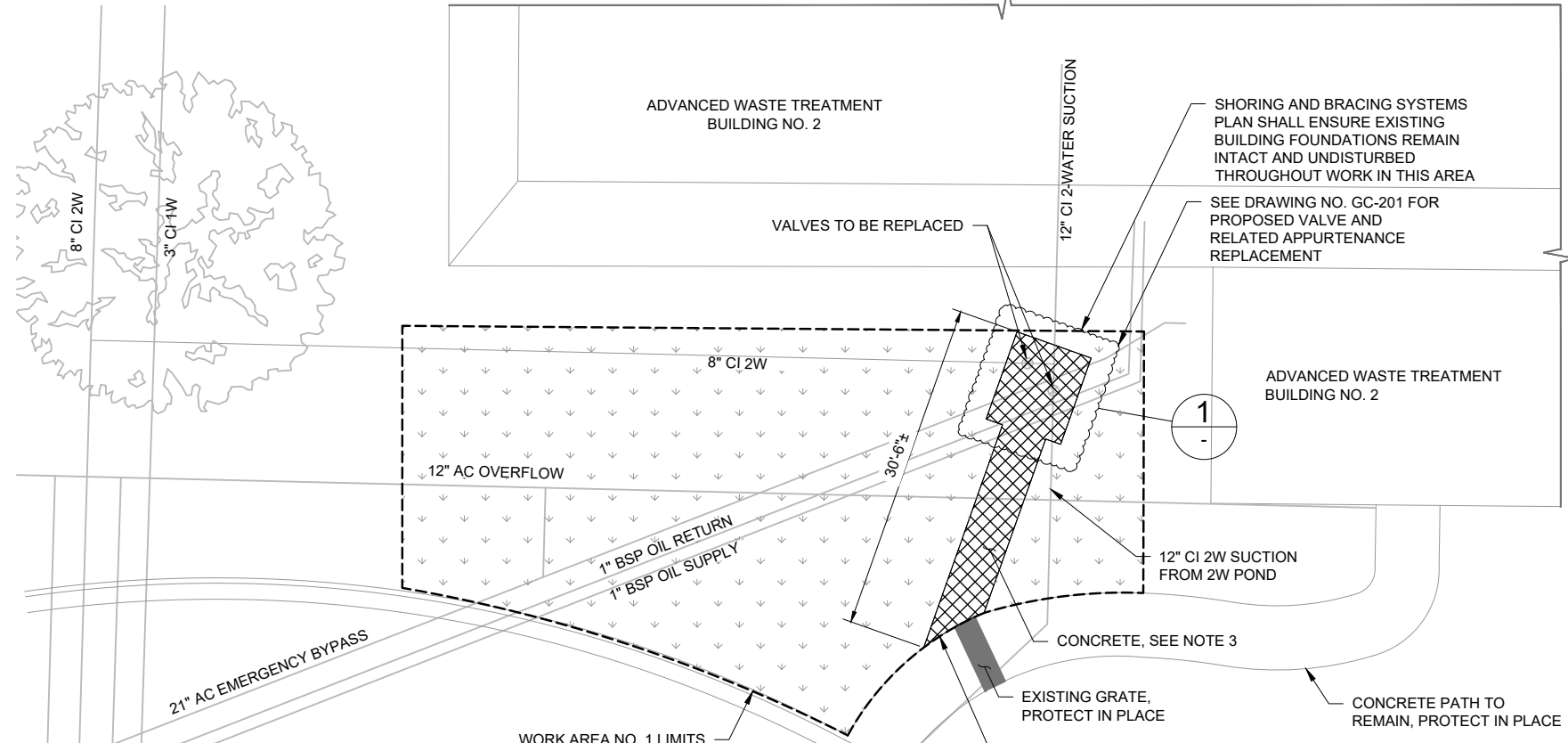


**2022 PLANT IMPROVEMENTS PROJECT**  
 GENERAL  
**SITE ACCESS AND WORK LOCATION MAP**

VERIFY SCALE  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

NO.	REVISIONS		APPROVED BY	DATE			
DESIGNED BY:	SJF	DRAWN BY:	SJF	CHECKED BY:	APC/JAP	APPROVED BY:	LG

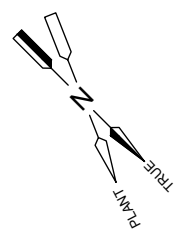
SHEET	4 OF 13
DWG NO.	G-004
DATE	MARCH 2022



**NOTES:**

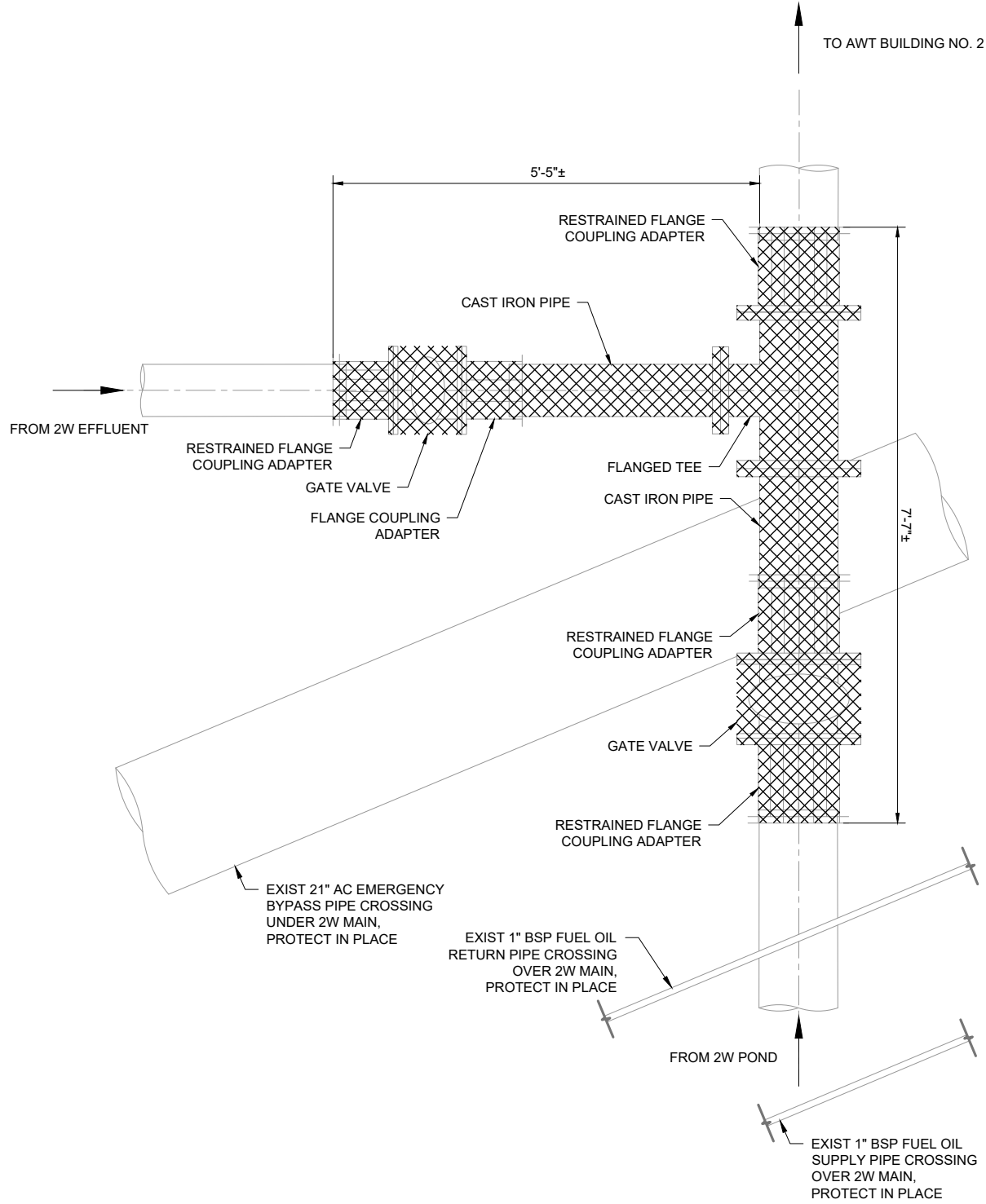
1. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR SHALL POTHOLE AND LOCATE UTILITIES AT ITS SOLE EXPENSE PRIOR TO BEGINNING EXCAVATION WORK.
2. GRASS IN THE AREA SHOWN SHALL BE DEMOLISHED AND REPLACED WITH CLEAN, SCREENED SOIL COMPACTED TO 90% RELATIVE COMPACTION AND SEEDED WITH AN APPROVED CERTIFIED WEED FREE GRASS SEED MIXTURE. CONTRACTOR SHALL PROVIDE A SUBMITTAL FOR PROPOSED GRASS SEED MIXTURE.
3. CONCRETE SIDEWALK AREA SHOWN SHALL BE DEMOLISHED PRIOR TO EXCAVATION WORK AND NEW CONCRETE SHALL BE POURED IN THE SAME LOCATION FOLLOWING COMPLETION OF BACKFILL. SEE DETAIL 1 ON SHEET GC-401 FOR CONCRETE SECTION.
4. CONTRACTOR SHALL FIELD MEASURE DIMENSIONS OF CONCRETE AND GRASS DEMOLITION AND REPLACEMENT PRIOR TO SUBMITTING BID. LIMITS SHALL BE VERIFIED WITH THE AGENCY PRIOR TO PLACING NEW GRASS SEED AND BEFORE POURING NEW CONCRETE.
5. EXISTING GRASS AREA CONTAINS WIRES FOR IRRIGATION CONTROLS AND PIPES. CONTRACTOR SHALL PROVIDE AND INSTALL NEW IRRIGATION MATERIALS AND EQUIPMENT TO REPLACE ANY DAMAGED DURING WORK ACTIVITIES INCLUDING BUT NOT LIMITED TO MATERIALS DAMAGED FROM DRIVING HEAVY EQUIPMENT TO EXCAVATION LOCATION. CONTRACTOR SHALL RESTORE ANY DRAINAGE FEATURES THAT EXIST PRIOR TO BEGINNING WORK TO EXISTING CONDITION AFTER COMPLETION OF WORK.
6. PRIOR TO CUTTING 2W PIPE, VERIFY AMOUNT OF WATER PRESENT IN PIPE, REMOVE REMAINING WATER, AND DISPOSE OF AT VACTOR PAD (SEE DRAWING NO. G-004). BEGIN REMOVING VALVES, FITTINGS, AND APPURTENANCES AS DIRECTED. 2W THAT ENTERS TRENCH SHALL BE COLLECTED AND TRANSPORTED TO THE VACTOR PAD. 2W WILL HAVE A HIGH CONCENTRATION OF CHLORINE, AND OTHER GASES MAY BE PRESENT IN TRENCH.
7. NOT ALL FITTINGS AND APPURTENANCES TO BE DEMOLISHED ARE SHOWN. CONTRACTOR SHALL DEMOLISH ALL FITTINGS AND APPURTENANCES AS DIRECTED BY THE AGENCY.

**PLAN**  
SCALE: 1/8"=1'



**LEGEND**

SEE NOTES 2, 3, & 6



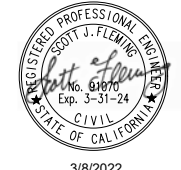
**2-WATER DEMOLITION**  
SCALE: 1" = 1'-0"

1

T:\Engineering\Projects\2022\_Plant Improvements\Project\Design\Phase Drawings\GC-101.dwg 3/9/2022 13:11



Tahoe-Truckee Sanitation Agency  
13720 Butterfield Drive  
Truckee, California 96161  
(530) 587-2525

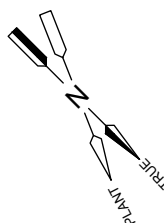
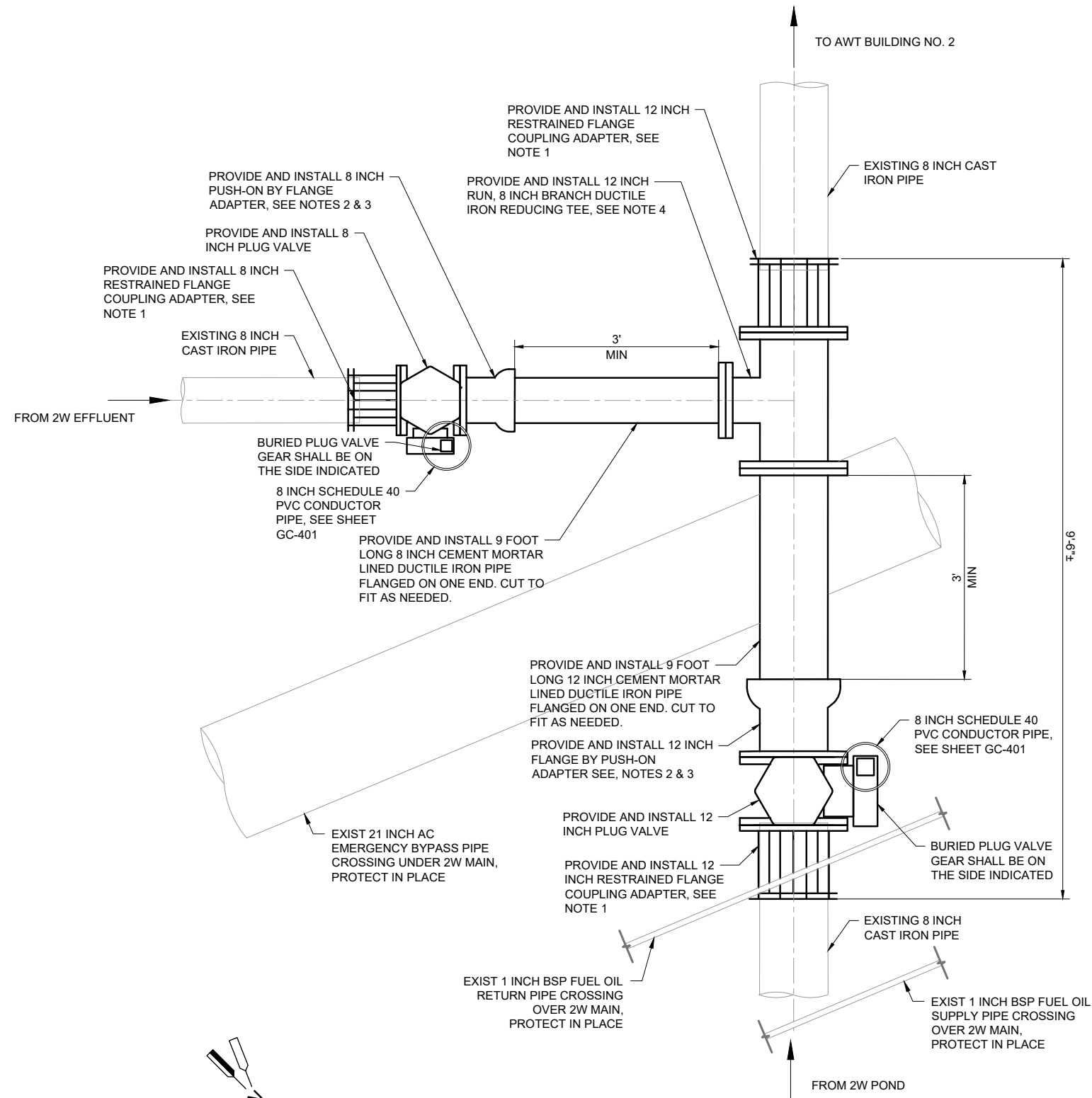


**2022 PLANT IMPROVEMENTS PROJECT**  
CIVIL  
**2W YARD PIPING - SITE PLAN AND DEMOLITION**

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

NO.	REVISIONS	APPROVED BY	DATE
DESIGNED BY: SJF	DRAWN BY: TWS	CHECKED BY: APC/JAP	APPROVED BY: LG

SHEET 5 OF 13  
DWG NO. GC-101  
DATE MARCH 2022



**PLAN**  
SCALE: 1"=1'-0"

**NOTES:**

1. RESTRAINED FLANGE COUPLING ADAPTERS SHALL BE ROMAC RFCA OR EQUAL AND SHALL CONFORM TO AWWA C219. DUCTILE IRON SHALL MEET/EXCEED ASTM A536 GRADE 65-45-12. GASKETS SHALL CONFORM TO ASTM D2000. RESTRAINING BOLTS SHALL BE 7/8-9 ROLL THREAD DUCTILE (NODULAR) IRON MEETING/EXCEEDING ASTM A536. RESTRAINING LUGS SHALL BE DUCTILE (DODULAR) IRON MEETING/EXCEEDING ASTM A536. GLAND NUTS AND BOLTS SHALL BE STEEL MEETING/EXCEEDING AWWA C111.
2. PUSH-ON BY FLANGE ADAPTERS SHALL BE SIGMA OR EQUAL AND SHALL CONFORM TO ANSI/AWWA C153/A21.53. DUCTILE IRON SHALL BE ASTM A536, GRADE 65-45-12. PUSH ON SIDE SHALL HAVE TYTON JOINT BELL DESIGN. FITTING SHALL BE DESIGNED FOR A MAXIMUM WORKING PRESSURE OF AT LEAST 350 PSI AND SHALL BE NSF 61 STANDARD CERTIFIED INCLUDING ANNEX G AN 372.
3. RESTRAINED JOINT GASKETS SHALL BE FIELD LOK 350 OR EQUAL AND SHALL CONFORM TO ANSI/AWWA C111/A21.11. RESTRAINING GASKETS SHALL HAVE A MAXIMUM WORKING PRESSURE OF AT LEAST 350 PSI AND SHALL PROVIDE BOLTLESS RESTRAINING FOR DUCTILE IRON PIPE.
4. FLANGED TEE SHALL BE US PIPE DUCTILE IRON (OR EQUAL) AND SHALL CONFORM TO ASTM A536. FLANGES SHALL BE ANSI B16.1 CLASS 125 FLANGES AND SHALL CONFORM TO ANSI/AWWA C110/A21.10 AND C153/21.53.
5. CONTRACTOR SHALL OPERATE VALVES AT DIRECTION OF THE AGENCY AFTER INSTALLATION BEFORE FINAL CLOSE OUT OF WORK.
6. EXCAVATION IS ESTIMATED TO BE 15 FEET DEEP. SEE DETAIL 2 ON DRAWING GC-401 FOR TRENCHING AND BACKFILL REQUIREMENTS.

T:\Engineering\Projects\2022\_Plant Improvements\Project\Design\Phase Drawings\GC-201.dwg 3/9/2022 13:27



Tahoe-Truckee Sanitation Agency  
13720 Butterfield Drive  
Truckee, California 96161  
(530) 587-2525

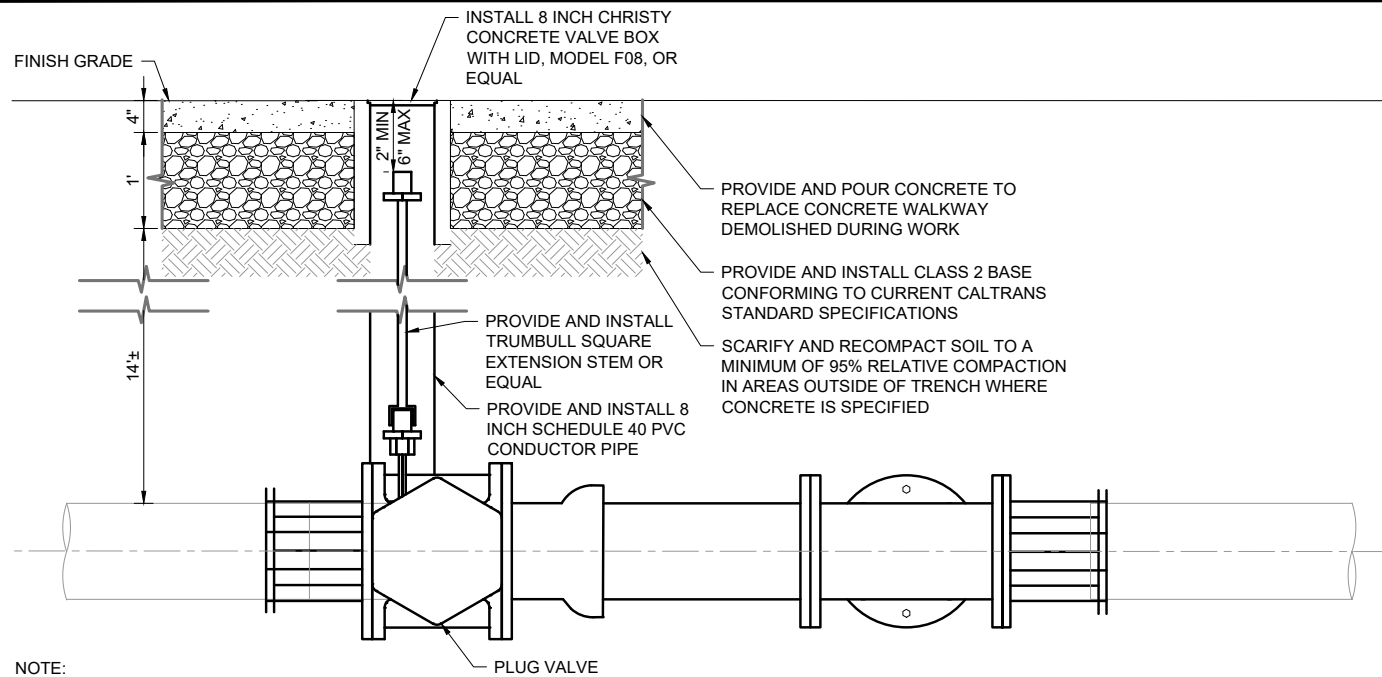


**2022 PLANT IMPROVEMENTS PROJECT**  
CIVIL  
**2W YARD PIPING - IMPROVEMENTS**

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

NO.	REVISIONS	APPROVED BY	DATE	SHEET	6 OF 13
				DWG NO.	GC-201
				DATE	MARCH 2022
DESIGNED BY:	SJF	DRAWN BY:	TWS	CHECKED BY:	APC/JAP
				APPROVED BY:	LG



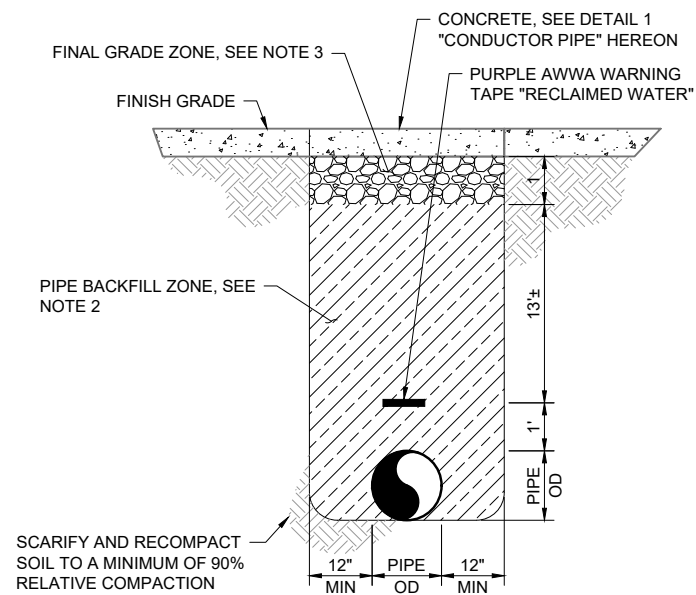
**NOTE:**

1. TRENCH SIDES SHALL BE SHORED OR SLOPED CONFORMING TO SPECIFICATION SHOWN IN EXCAVATION PLAN STAMPED BY A CALIFORNIA REGISTERED CIVIL OR STRUCTURAL ENGINEER.

**CONDUCTOR PIPE**

SCALE: 1"=1'-0"

1  
GC-201



**NOTE:**

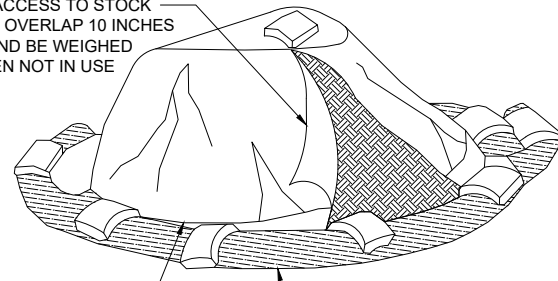
1. TRENCH SIDES SHALL BE SHORED OR SLOPED CONFORMING TO SHORING & BRACING SYSTEM CALCULATIONS AND DRAWINGS.
2. PIPE BACKFILL ZONE (PIPE INVERT TO 1 FOOT ABOVE THE PIPE) SHALL BE SELECT EXCAVATED MATERIAL, SCREENED OR WASHED IF NEEDED, OR COMMERCIALY PROCESSED MATERIAL. BACKFILL SHALL CONSIST OF CLEAN, LOOSE EARTH, SAND, GRAVEL (1 INCH MAX SIZE), AND FREE OF MATERIAL EXCEEDING 1 INCH IN DIMENSION. BACKFILLING SHALL BEGIN AS SOON AS POSSIBLE. BACKFILL MATERIAL SHALL BE PLACED IN TRENCH ON EITHER SIDE OF PIPE SIMULTANEOUSLY TO A DEPTH NOT EXCEEDING THE PIPE SPRINGLINE, AND IT SHALL THEN BE TAMPED UNDER PIPE ELIMINATING ALL VOIDS.
3. FINAL GRADE ZONE (1 INCH BELOW GRADE TO FINISH GRADE) SHALL BE CLASS 2 BASE CONFORMING TO CAL TRANS STANDARD SPECIFICATIONS, COMPACTED TO 95% RELATIVE COMPACTION.
4. BACKFILL MATERIAL SHALL BE PLACED IN MAXIMUM 1 FOOT LIFTS AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION WITHIN THE PIPE BACKFILL ZONE.
5. EXACT DEPTH OF PIPE IS UNKNOWN. DEPTHS SHOWN ARE AN ESTIMATE ONLY. BEFORE STARTING WORK, POT HOLE TO VERIFY.

**PIPE BACKFILL**

SCALE: NTS

2  
GC-201

FLAP FOR ACCESS TO STOCK PILE SHALL OVERLAP 10 INCHES MINIMUM AND BE WEIGHED DOWN WHEN NOT IN USE



6 MIL (MIN) PLASTIC OR IMPERVIOUS COVERING  
WEIGHTED FIBER ROLL OR NON-WEIGHTED FIBER ROLL WITH GRAVEL BAGS AT EVERY 3 FEET MINIMUM

**NOTES:**

1. STOCKPILES SHALL BE LOCATED AWAY FROM DRAINAGE COURSES, DRAIN INLETS, AND CONCENTRATED STORMWATER FLOWS.
2. ALL STOCKPILE PERIMETERS SHALL BE PROTECTED WITH LINEAR SEDIMENT BARRIERS.
3. CONDUCT REGULAR INSPECTIONS OF STOCKPILES DURING AND AFTER RAIN EVENTS.
4. VERY LARGE STOCKPILES MAY REQUIRE SILT FENCE IN PLACE OF FIBER ROLLS.
5. REMOVE STOCKPILES FROM WORK SITE AS SOON AS POSSIBLE.
6. STOCKPILES SHALL ONLY BE PLACED IN AREAS APPROVED BY THE AGENCY.

**STOCKPILE MANAGEMENT**

SCALE: NTS

3  
GC-201



Tahoe-Truckee Sanitation Agency  
13720 Butterfield Drive  
Truckee, California 96161  
(530) 587-2525



3/8/2022

**2022 PLANT IMPROVEMENTS PROJECT**

CIVIL

**CIVIL SECTIONS AND DETAILS**

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

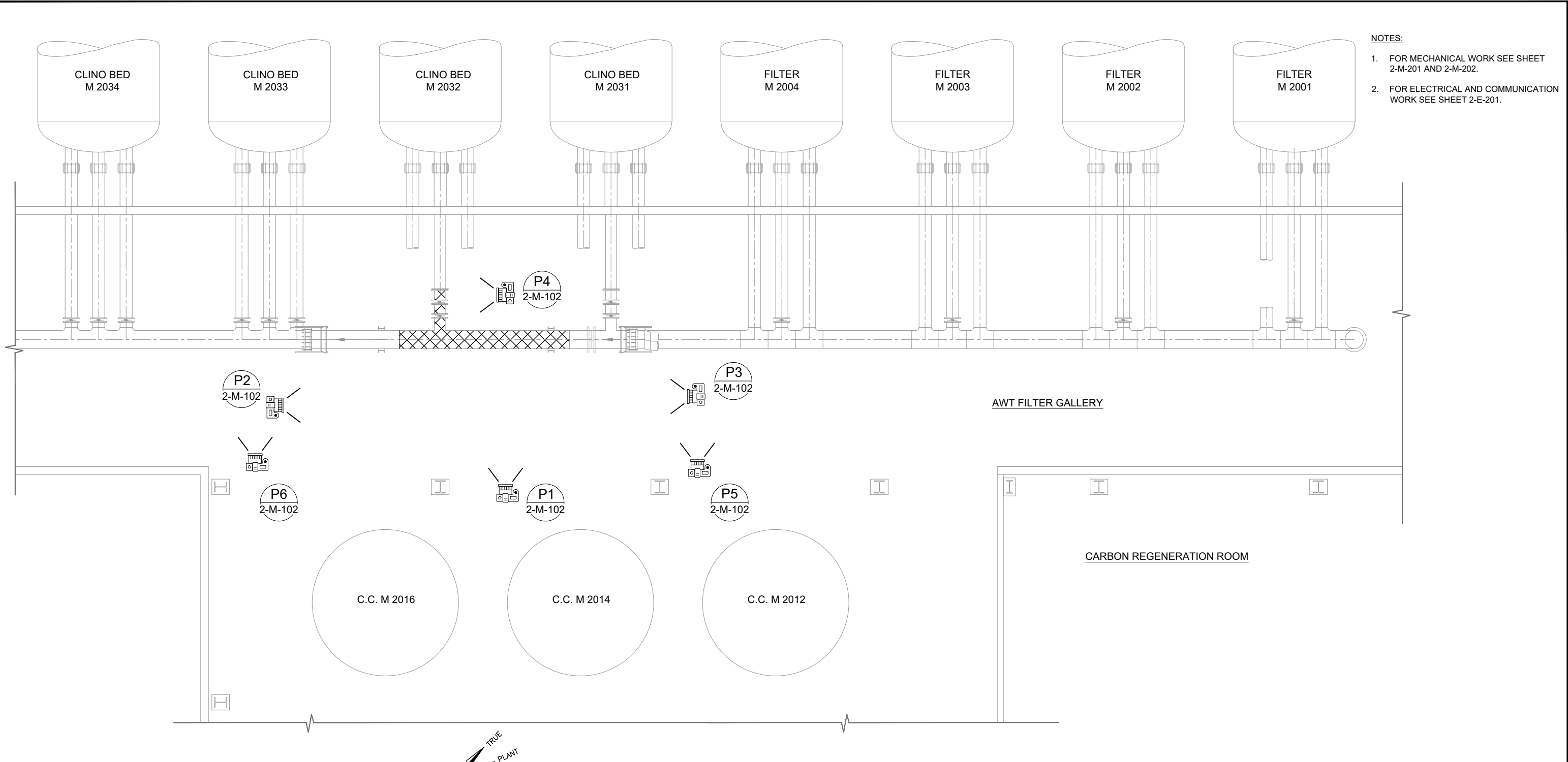
NO.	REVISIONS	APPROVED BY	DATE
DESIGNED BY:	SJF	DRAWN BY:	TWS
CHECKED BY:	APC/JAP	APPROVED BY:	LG

SHEET 7 OF 13

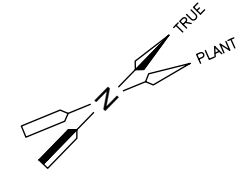
DWG NO. GC-401

DATE MARCH 2022

T:\Engineering\Projects\2022\_Plant Improvements\Project\Design\Phase Drawings\2-M-101.dwg 3/8/2022 16:06



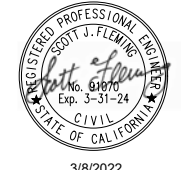
- NOTES:**
1. FOR MECHANICAL WORK SEE SHEET 2-M-201 AND 2-M-202.
  2. FOR ELECTRICAL AND COMMUNICATION WORK SEE SHEET 2-E-201.



**PROJECT LOCATION PHOTO MAP**  
SCALE: NTS



Tahoe-Truckee Sanitation Agency  
13720 Butterfield Drive  
Truckee, California 96161  
(530) 587-2525



**2022 PLANT IMPROVEMENTS PROJECT**  
MECHANICAL  
**AWT FACILITY NO. 2 - PROJECT LOCATION PHOTO MAP**

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

NO.	REVISIONS	APPROVED BY	DATE	SHEET
				8 OF 13
				DWG NO. 2-M-101
				DATE MARCH 2022
DESIGNED BY: SJF	DRAWN BY: SJF	CHECKED BY: APC/JAP	APPROVED BY: LG	



PHOTO NO. 1  
SCALE: NTS

P1  
2-M-101



PHOTO NO. 2  
SCALE: NTS

P2  
2-M-101



PHOTO NO. 3  
SCALE: NTS

P3  
2-M-101

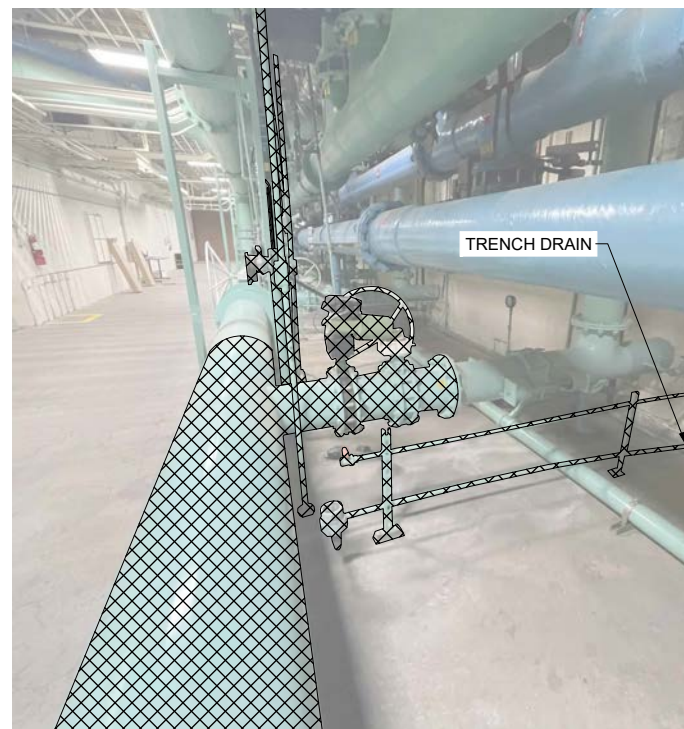


PHOTO NO. 4  
SCALE: NTS

P4  
2-M-101



PHOTO NO. 5  
SCALE: NTS

P5  
2-M-101



PHOTO NO. 6  
SCALE: NTS

P6  
2-M-101

T:\Engineering\Projects\2022\_Plant Improvements Project\Design Phase\Drawings\2-M-102.dwg 3/9/2022 13:28



Tahoe-Truckee Sanitation Agency  
13720 Butterfield Drive  
Truckee, California 96161  
(530) 587-2525



2022 PLANT IMPROVEMENTS PROJECT

MECHANICAL

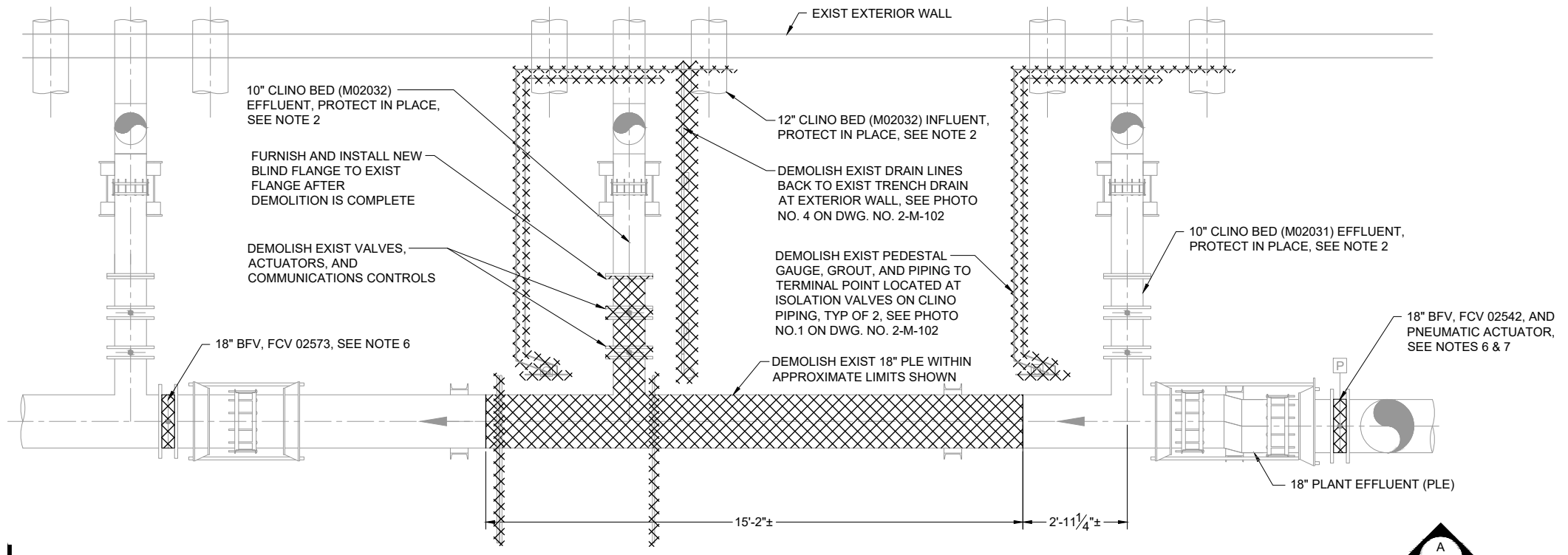
AWT FACILITY NO. 2 - PROJECT  
LOCATION AND PHOTO SHEET

VERIFY SCALE

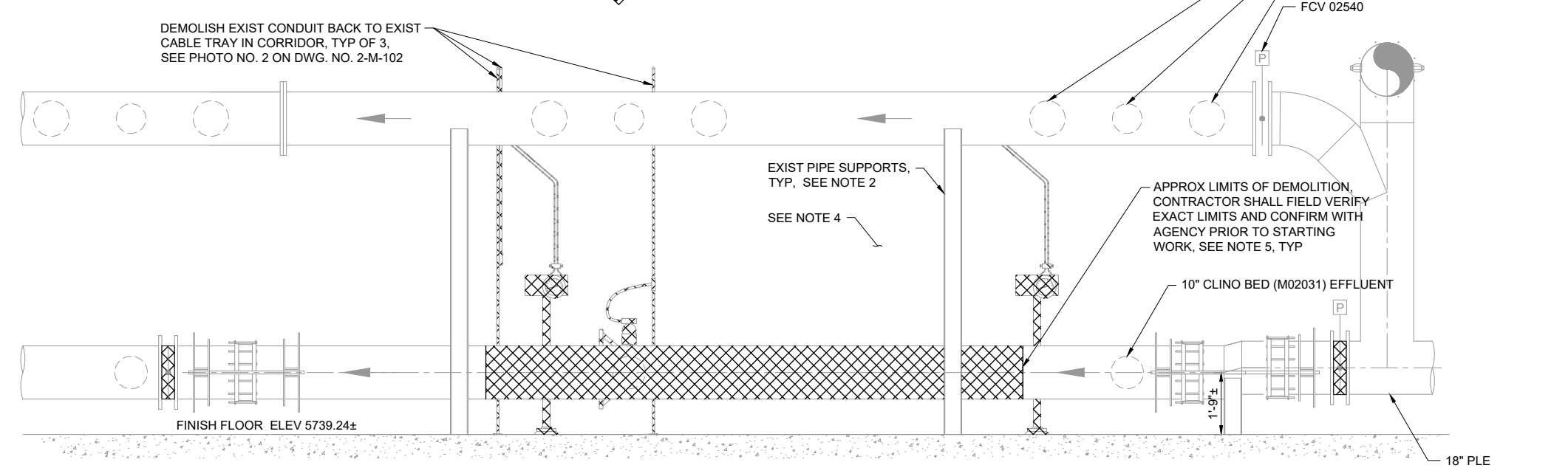
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

NO.	REVISIONS	APPROVED BY	DATE	SHEET
				9 OF 13
				DWG NO. 2-M-102
				DATE MARCH 2022
DESIGNED BY: SJF	DRAWN BY: SJF	CHECKED BY: APC/JAP	APPROVED BY: LG	



**PLAN**  
SCALE: 1/2"=1'-0"



**SECTION**  
SCALE: 1/2"=1'-0"

**NOTES:**

1. ALL DIMENSIONS, SIZES, AND LENGTHS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO SUBMITTALS AND STARTING THE CONTRACT WORK.
2. PROTECT IN PLACE ALL EXISTING AGENCY PIPING, PIPE SUPPORTS, APPURTENANCES, AND EQUIPMENT IN THE FACILITY. EXCEPT AS NOTED IN THESE CONTRACT DOCUMENTS ANY EQUIPMENT OR PIPING THAT REQUIRES TEMPORARY DISCONNECTION AND RECONNECTION SHALL BE COORDINATED WITH THE AGENCY A MINIMUM OF SEVEN (7) DAYS IN ADVANCE. CONTRACTOR SHALL NOT DISCONNECT ANY EQUIPMENT WITHOUT PRIOR APPROVAL FROM THE AGENCY AND SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE DISCONNECTION AND RECONNECTION OF EQUIPMENT NECESSARY TO COMPLETE THE CONTRACT WORK.
3. CONTRACTOR SHALL ADEQUATELY SUPPORT ALL EXISTING PIPING AT LOCATIONS WHERE WORK IS IN CONFLICT WITH EXISTING PIPE SUPPORTS.
4. NOT ALL PIPING AND RELATED APPURTENANCES ARE SHOWN, TYP ALL SHEETS. SEE PHOTOS ON DWG NO. 2-M-102 FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING SITE CONDITIONS PRIOR TO BIDDING WORK.
5. IN ADDITION TO OTHER ITEMS SHOWN TO BE DEMOLISHED BY CONTRACTOR, CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND DISPOSAL OF AN EXISTING SECTION OF 18" PLE PIPING AND SPECIFIED APPURTENANCES AS SHOWN. SHOP DRAWING SUBMITTALS REQUIRED PER SPECIFICATION SECTION 40 27 00 SHALL SHOW LIMITS OF DEMOLITION. PROVIDE CLEAN SMOOTH EDGES ON ALL EXISTING PIPE CONNECTION LOCATIONS WHERE NEW FLANGES ARE TO BE INSTALLED BY CONTRACTOR, ALL TO THE SATISFACTION OF THE AGENCY.
6. 18" BUTTERFLY VALVES (BFV'S) SHALL BE REMOVED PER SEQUENCE OF WORK IN SPECIFICATION SECTION 01 00 00. BFV'S SHALL BE KEPT IN GOOD WORKING CONDITION AND STORED ON-SITE FOR THE DURATION OF THE JOB. AFTER WORK HAS BEEN ACCEPTED BY THE AGENCY BFV'S SHALL BE DEMOLISHED.
7. AGENCY AND CONTRACTOR SHALL AGREE UPON CONDITION OF ACTUATOR AND RELATED APPURTENANCES FOR FCV 02542 PRIOR TO STARTING WORK. THEREAFTER CONTRACTOR SHALL DISCONNECT AND KEEP ACTUATOR AND RELATED APPURTENANCES IN SAME CONDITION FOR THE DURATION OF THE WORK. CONTRACTOR SHALL RECONNECT THE ACTUATOR AND RELATED APPURTENANCES UPON SUCCESSFUL INSTALLATION OF NEW FCV 02542. IF CONDITION OF THE ACTUATOR OR RELATED APPURTENANCES ARE NOT IN THE SAME CONDITION AS AGREED PRIOR TO STARTING WORK, THEY SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO AGENCY.

T:\Engineering\Projects\2022\_Plant Improvements\Project\Design\Phase Drawings\2-M-201.dwg 3/8/2022 16:15



Tahoe-Truckee Sanitation Agency  
13720 Butterfield Drive  
Truckee, California 96161  
(530) 587-2525



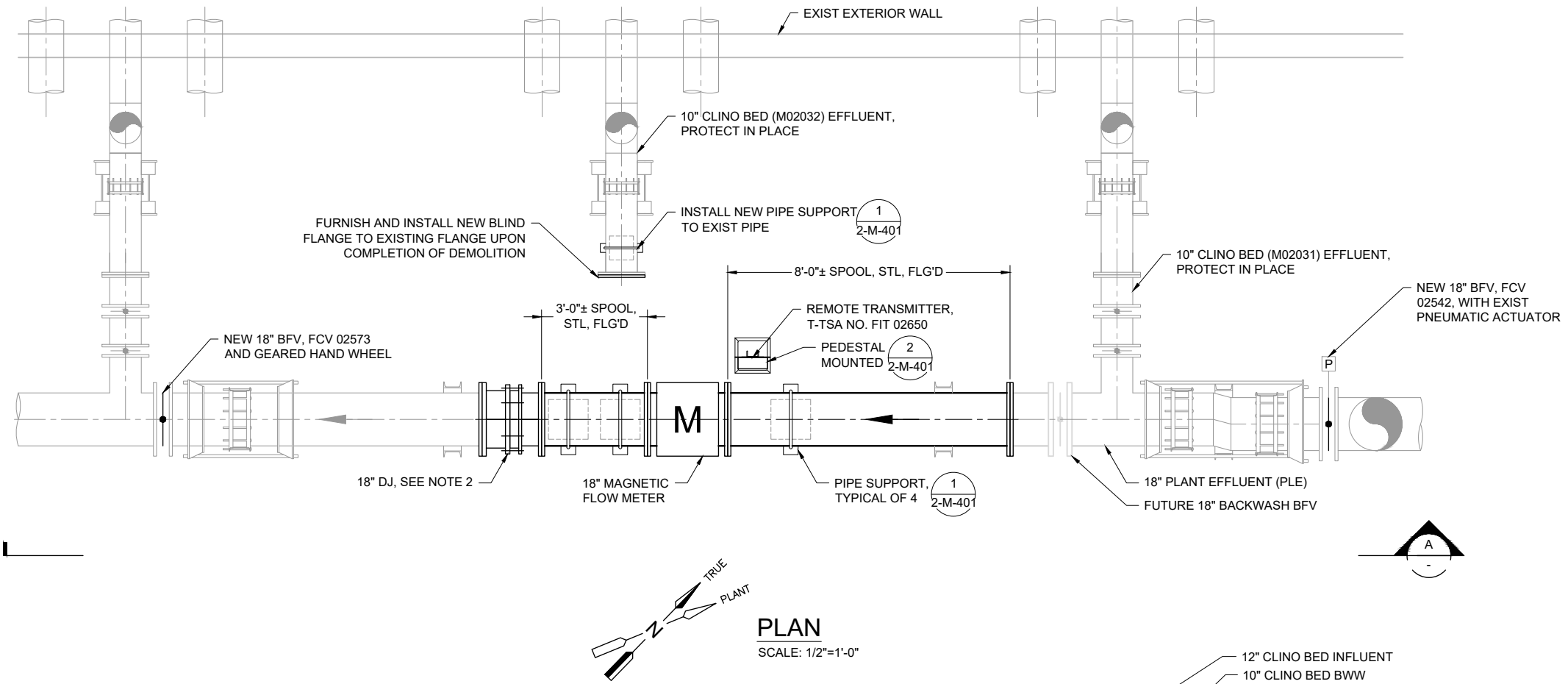
**2022 PLANT IMPROVEMENTS PROJECT**  
MECHANICAL  
**AWT FACILITY NO. 2 -  
DEMOLITION PLAN AND SECTION**

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

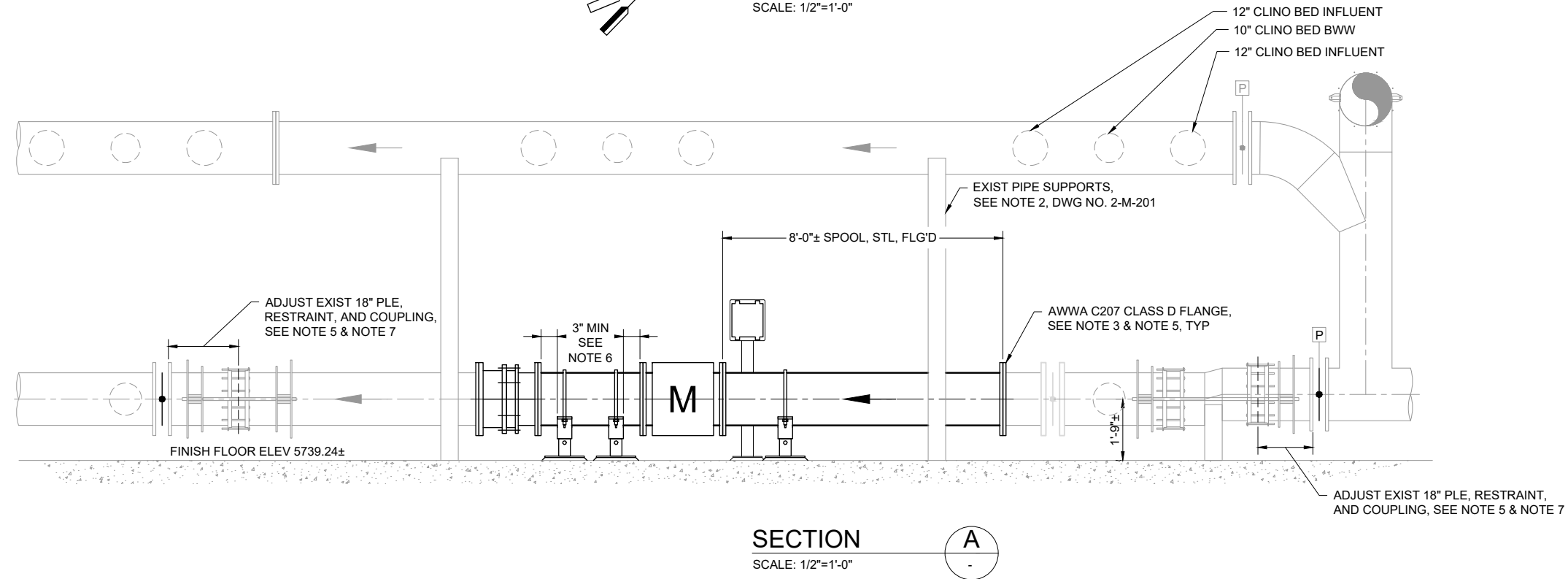
NO.	REVISIONS	APPROVED BY	DATE
DESIGNED BY:	SJF	DRAWN BY:	SJF
CHECKED BY:	APC/JAP	APPROVED BY:	LG

SHEET 10 OF 13  
DWG NO. 2-M-201  
DATE MARCH 2022





**PLAN**  
SCALE: 1/2"=1'-0"



**SECTION**  
SCALE: 1/2"=1'-0"

**NOTES:**

- ALL DIMENSIONS, SIZES, AND LENGTHS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO SUBMITTALS AND STARTING THE CONTRACT WORK.
- DISMANTLING JOINT (DJ) SHALL BE 18" ROMAC DJ405 OR EQUAL. THE DJ SHALL BE ADJUSTABLE AND TELESCOPIC WITH RESTRAINING LUGS AND BOLTS. DJ'S THAT UTILIZE TIE RODS FOR RESTRAINT SHALL NOT BE ACCEPTED. THE DJ SHALL MEET THE FOLLOWING REQUIREMENTS:  
  

SIZE (NOMINAL):	18"
FLANGE RATING:	AWWA C207 CLASS D (150#) FF
LENGTH (NOMINAL):	20.25"
MIN. LENGTH:	17.75"
MAX. LENGTH:	22.75"
TELESCOPING RANGE:	5"
- PROVIDE NEW FLANGES AT LOCATIONS WHERE NEW PIPING AND APPURTENANCES ARE TO BE MATED TO EXISTING PIPING. ALL FLANGES SHALL BE FULLY WELDED TO PIPE ON BOTH FACES, ONE PASS MINIMUM ON THE INSIDE AND TWO PASSES MINIMUM ON THE OUTSIDE. WELDED JOINTS SHALL BE MADE WITH PIPE HAVING ENDS BELLED FOR WELDING, OR ALTERNATIVELY, ENDS BELLED FOR RUBBER GASKET JOINTS, PROVIDED PIPE MANUFACTURER FURNISHED FILLER RODS OF PROPER DIAMETER, LENGTH, AND CURVATURE ARE INSTALLED IN ACCORDANCE WITH PIPE MANUFACTURER'S RECOMMENDATIONS, AND AS APPROVED BY AGENCY OR CWI INSPECTOR. BELLED ENDS SHALL NOT BE DEFORMED TO ACCOMPLISH FULLY WELDED JOINTS. FULL WELDS FOR ALL JOINTS SHALL BE ACCOMPLISHED WITH TWO WELDING PASSES (BEADS) MINIMUM.
- CONTRACTOR SHALL COORDINATE ALL HOT WORK WITH AGENCY A MINIMUM OF SEVEN (7) DAYS IN ADVANCE AND SHALL PROVIDE SHIELDING DURING WELDING WORK TO THE SATISFACTION OF THE AGENCY. SHIELDING MUST BE DESIGNED AND INSTALLED TO PROTECT AGENCY STAFF AT ALL TIMES DURING WELDING WORK.
- PIPING AND APPURTENANCES WITH EXTERIOR COATINGS OR INTERIOR LININGS THAT ARE DAMAGED DURING THE COURSE OF WORK SHALL BE REPAIRED PER SPECIFICATION SECTION 40 27 00. MATCH EXTERIOR COATING COLORS WITH EXISTING PIPING.
- PROVIDE A MINIMUM OF 3" CLEARANCE BETWEEN EVERY PIPE FLANGE AND PIPE SADDLE SUPPORT ASSEMBLY.
- ADJUST EXIST 18" PLE, RESTRAINT, AND COUPLING AND CUT 18" PLE AS NECESSARY TO PROVIDE REQUIRED SPACING FOR NEW BUTTERFLY VALVES PER THE MANUFACTURER'S REQUIREMENTS.

T:\Engineering\Projects\2022\_Plant Improvements\Project\Design Phase\Drawings\2-M-202.dwg 3/8/2022 16:16



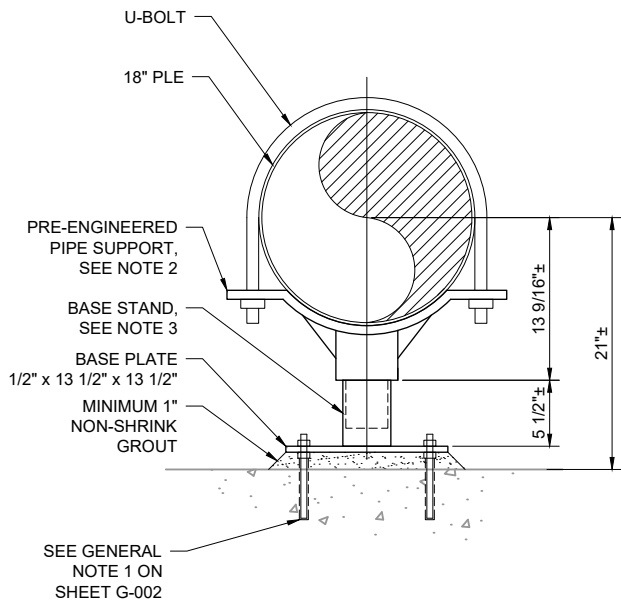
Tahoe-Truckee Sanitation Agency  
13720 Butterfield Drive  
Truckee, California 96161  
(530) 587-2525



**2022 PLANT IMPROVEMENTS PROJECT**  
MECHANICAL  
**AWT FACILITY NO. 2 -  
IMPROVEMENTS PLAN AND SECTION**

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

NO.	REVISIONS	APPROVED BY	DATE	SHEET
				11 OF 13
				DWG NO. 2-M-202
				DATE MARCH 2022
DESIGNED BY: SJF	DRAWN BY: SJF	CHECKED BY: APC/JAP	APPROVED BY: LG	



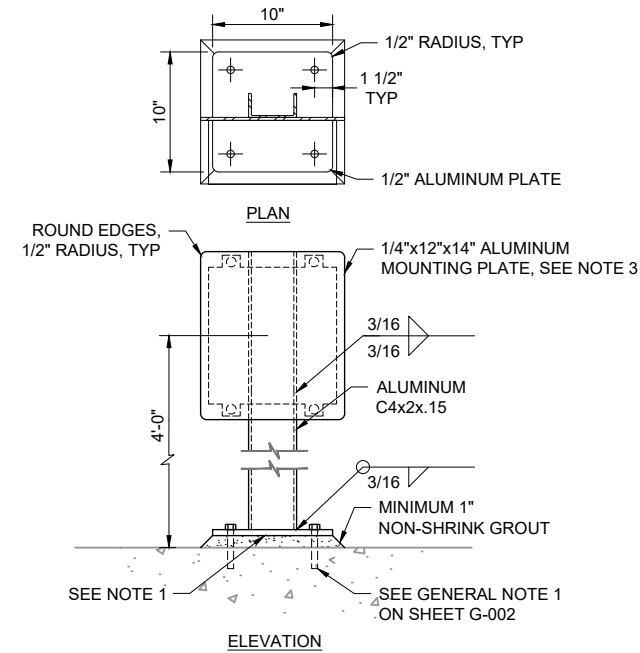
**NOTES:**

1. ALL DIMENSIONS, SIZES, AND LENGTHS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO SUBMITTALS AND STARTING THE CONTRACT WORK.
2. PIPE SUPPORT SHALL BE EATON B-LINE B3090-18 OR EQUAL.
3. BASE STAND SHALL BE EATON B-LINE B3088S-4 OR EQUAL.
4. PROVIDE ANCHORAGE AND BRACING CALCULATIONS PER GENERAL NOTES.
5. PROVIDE COATING ON ALL COMPONENTS OF PIPE SADDLE SUPPORT. COATING SHALL BE A MINIMUM 80% SOLIDS BUILD EPOXY PAINT, TWO-COMPONENT, ONE (1) COAT, 8 MILS MIN. DRY FILM THICKNESS, SHERWIN WILLIAMS; TANK CLAD HS OR EQUAL. CONTRACTOR SHALL PROVIDE COATING SUBMITTAL FOR AGENCY TO VERIFY MINIMUM REQUIREMENTS AND CONFIRM COLOR ACCEPTABILITY WITH AGENCY PRIOR TO APPLICATION.
6. DETAIL SHOWN IS FOR 18" PLE PIPE SUPPORT. CONTRACTOR SHALL CONFIRM REQUIREMENTS NECESSARY FOR 10" CLINO BED EFFLUENT PIPE SUPPORT AND ADJUST ALL LISTED PARTS, LENGTHS, AND SIZES TO PROPERLY SUPPORT THE PIPE TO THE SATISFACTION OF THE AGENCY.

**18" PIPE SADDLE SUPPORT**

SCALE: NTS

**1**  
2-M-202



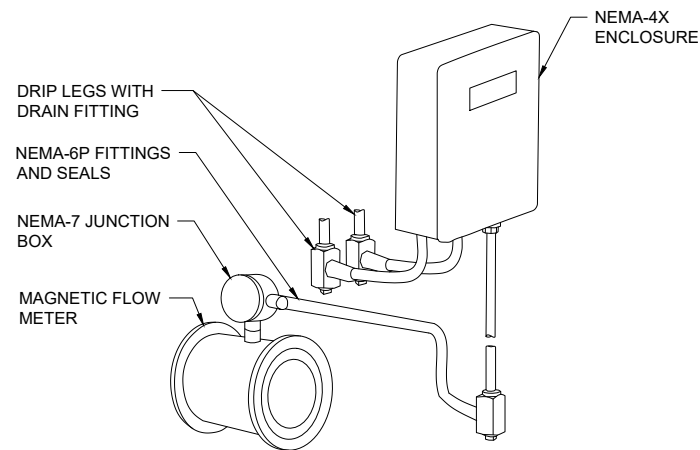
**NOTES:**

1. PROVIDE COATING BETWEEN ALUMINUM AND CONCRETE. COATING SHALL BE A MINIMUM 80% SOLIDS BUILD EPOXY PAINT, TWO-COMPONENT, ONE (1) COAT, 8 MILS MIN. DRY FILM THICKNESS, SHERWIN WILLIAMS; TANK CLAD HS OR EQUAL. CONTRACTOR SHALL PROVIDE COATING SUBMITTAL FOR AGENCY TO VERIFY MINIMUM REQUIREMENTS
2. USE STAINLESS STEEL MOUNTING HARDWARE WITH WASHERS AND SPLIT-LOCK WASHERS UNDER ALL NUTS FOR INSTRUMENTATION MOUNTING TO PEDESTAL MOUNTING PLATE.
3. ENSURE ALUMINUM MOUNTING PLATE SHALL ALLOW FOR THE INSTALLATION OF THE NEMA-4X ENCLOSURE.
4. PROVIDE SHOP DRAWINGS SUBMITTAL TO INCLUDE MATERIALS AND DIMENSIONS FOR EQUIPMENT MOUNTING PEDESTAL TO CONFIRM ACCEPTABILITY WITH AGENCY PRIOR TO FABRICATION.

**EQUIPMENT MOUNTING PEDESTAL**

SCALE: NTS

**2**  
2-M-202



**NOTES:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CONDUIT, FITTINGS, AND SEALS ARE INSTALLED IN CONFORMANCE WITH THE MANUFACTURER'S REQUIREMENTS. THIS SHALL INCLUDE THE INSTALLATION OF WATERTIGHT CONDUIT, FITTINGS, AND SEALS THAT CONFORM TO NEMA-6P BETWEEN THE MAGMETER JUNCTION BOX, CONDUIT BODY DRIP LEGS WITH DRAINS, AND TO THE REMOTE MOUNTED TRANSMITTER TO MAINTAIN MOISTURE-FREE INTEGRITY.

**REMOTE MOUNTED TRANSMITTER**

SCALE: NTS

**3**  
2-E-201

T:\Engineering\Projects\2022\_Plant Improvements\Project\Design\Phase Drawings\2-M-401.dwg 3/8/2022 16:20



Tahoe-Truckee Sanitation Agency  
13720 Butterfield Drive  
Truckee, California 96161  
(530) 587-2525



**2022 PLANT IMPROVEMENTS PROJECT**

MECHANICAL & ELECTRICAL

**MECHANICAL AND ELECTRICAL DETAILS**

VERIFY SCALE

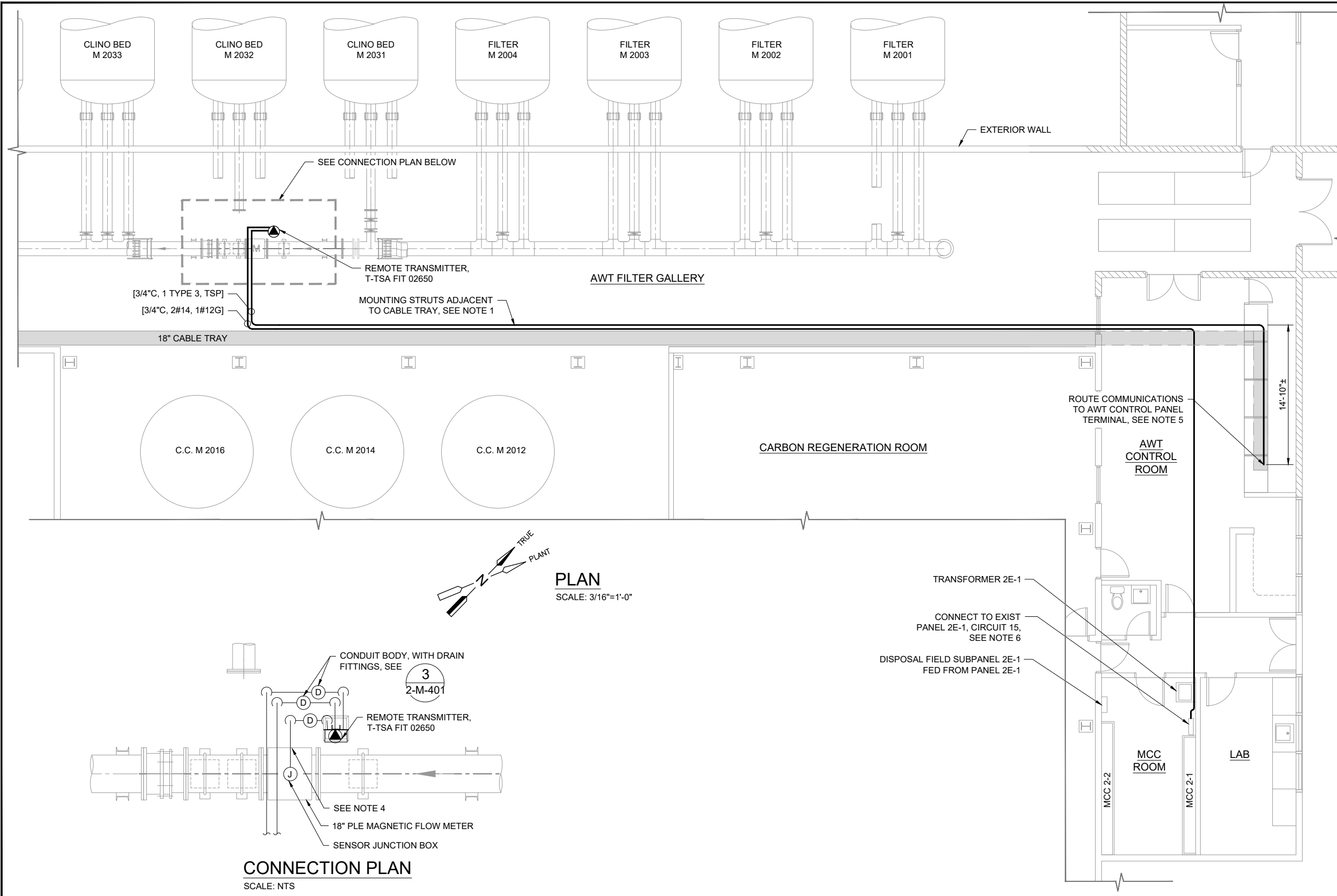
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

NO.	REVISIONS	APPROVED BY	DATE
DESIGNED BY: SJF	DRAWN BY: SJF	CHECKED BY: APC/JAP	APPROVED BY: LG

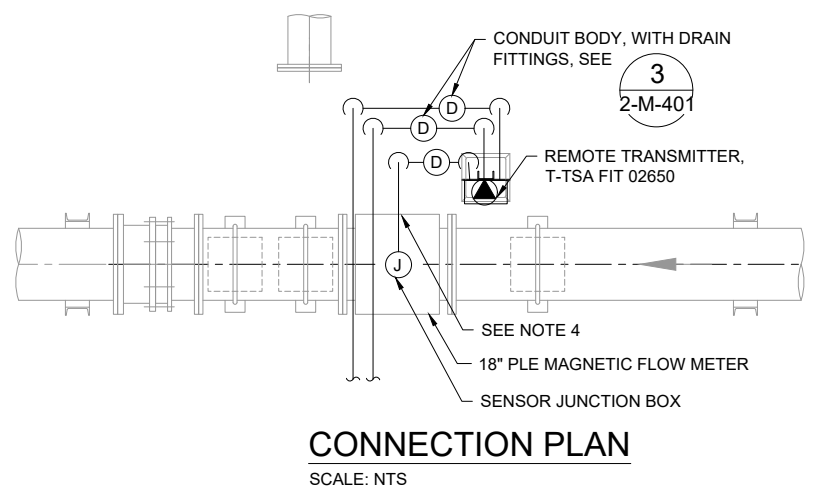
SHEET 12 OF 13

DWG NO. 2-M-401

DATE MARCH 2022



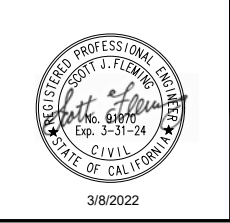
- NOTES:**
1. CONTRACTOR SHALL USE EXISTING ELECTRICAL CONDUIT MOUNTING STRUTS IN LOCATIONS WHERE SPACE IS AVAILABLE. AT LOCATIONS WHERE NO EXISTING STRUTS ARE AVAILABLE, CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF MOUNTING HARDWARE PER ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS NECESSARY TO COMPLETE CONNECTIONS.
  2. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUCTOR, CABLE, JUNCTIONS, BOXES, CONDUIT, AND ADDITIONAL MOUNTING HARDWARE NECESSARY FOR OPERATION OF THE MAGNETIC FLOW METER AND PER THE MANUFACTURER'S REQUIREMENTS.
  3. PROTECT IN PLACE EXISTING CONDUCTOR, CABLE, CONDUIT, AND ALL OTHER ELECTRICAL AND INSTRUMENTATION. CONTRACTOR SHALL COORDINATE WITH AGENCY A MINIMUM SEVEN (7) DAYS ADVANCE NOTICE TO SCHEDULE A SHUTDOWN OF ANY AGENCY FACILITIES TO COMPLETE THE WORK.
  4. MANUFACTURER SUPPLIED SIGNAL CABLE FROM SENSOR JUNCTION BOX TO REMOTE MOUNTED TRANSMITTER SHALL BE INSTALLED PER DETAIL 3, SHEET 2-M-401.
  5. AGENCY SHALL MAKE FINAL CONNECTION TO AWT CONTROL PANEL. CONTRACTOR SHALL PROVIDE AGENCY SEVEN (7) DAYS ADVANCED NOTICE OF EXPECTED CONNECTION DATE AND SHALL VERIFY DIGITAL AND ANALOG I/O SIGNALS ARE FUNCTIONAL PRIOR TO REQUESTING AGENCY CONNECTION.
  6. CONTRACTOR SHALL PERFORM WORK ON PANEL 2E-1 WHILE ENERGIZED. PANEL 2E-1 SHALL REMAINED ENERGIZED AT ALL TIMES, NO EXCEPTIONS.



T:\Engineering\Projects\2022\_Plant Improvements\Project\Design\Phase Drawings\2-E-201.dwg 3/8/2022 16:25



Tahoe-Truckee Sanitation Agency  
13720 Butterfield Drive  
Truckee, California 96161  
(530) 587-2525



3/8/2022

**2022 PLANT IMPROVEMENTS PROJECT**  
ELECTRICAL  
**AWT FACILITY NO. 2 - POWER AND COMMUNICATION PLAN**

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

NO.	REVISIONS	APPROVED BY	DATE
DESIGNED BY:	SJF	DRAWN BY:	SJF
CHECKED BY:	APC/JAP	APPROVED BY:	LG

SHEET	13 OF 13
DWG NO.	2-E-201
DATE	MARCH 2022



# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** Richard Pallante, Maintenance Manager  
**Item:** VI-6  
**Subject:** Approval to purchase a variable frequency drive for the Multi Purpose Pump Station

---

### Background

During calendar year 2019, one of two variable frequency drives in the Multi Purpose Pump Station experienced a catastrophic failure. It was determined at that time that due to the age, condition, and criticality of the equipment, the Agency would replace both drives with current models over a two-year period. The Allen Bradley PowerFlex 755T variable frequency drive was selected as the most suitable and cost-effective replacement for the existing Allen Bradley PowerFlex 700 and was installed accordingly.

The purpose of this procurement is to replace the second of two units with an identical model.

The scope of the procurement is to include (1) Allen Bradley Model PowerFlex 755T variable frequency drive and all peripheral connected devices.

Per the manufacturer, one vendor (Rexel) is the sole distributor for the Allen Bradley variable frequency drives in the Agency's service area. Rexel has provided a quote in the amount of \$28,309.73.

### Fiscal Impact

The requested total of \$28,309.73 is less than the approved budget amount of \$30,000.

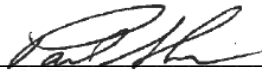
### Attachments

None.

### Recommendation

Management and staff recommend approval to procure (1) Allen Bradley Model 755T variable frequency drive and all peripheral connected devices as quoted in the amount of \$28,309.73.

### Review Tracking

Submitted By:   
Richard Pallante  
Maintenance Manager

Approved By:   
LaRue Griffin  
General Manager



# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** Richard Pallante, Maintenance Manager  
**Item:** VI-7  
**Subject:** Approval for the SEAM Group to perform an updated NFPA 70E Arc Flash Study

---

### Background

As part of Agency compliance with the National Fire Protection Association (NFPA) 70E Standard, the Agency is required to perform an Arc Flash Study on the electrical equipment at the facility every five years. In 2017 the Agency utilized Lewellyn Technology to conduct the study with an update in 2019 specific to the electrical upgrades performed in Building 27. Based on the five-year interval the Agency is now in need to do a plant wide study and update.

Agency staff contacted Lewellyn Technology which is now SEAM Group to scope the project and for quotation. Using the original firm to conduct the update significantly reduces the scope and cost of the project, as most of the data points have already been collected and inputted into the analysis software as part of the previous study. The new study will include an update of the new equipment installed as part of the headworks upgrade, various new VFDs, and a review of all existing equipment.

### Fiscal Impact

The requested total of \$18,195 is less than the approved budget amount of \$50,000.

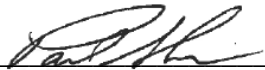
### Attachments

None.

### Recommendation

Management and staff recommend approval to enter into a professional services agreement with SEAM Group to perform an updated NFPA 70E Arc Flash Study in the amount of \$20,000 (\$18,195 proposal plus approximately 10% contingency).

### Review Tracking

Submitted By:   
Richard Pallante  
Maintenance Manager

Approved By:   
LaRue Griffin  
General Manager



# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** LaRue Griffin, General Manager  
**Item:** VI-8  
**Subject:** Discussion of consultant services for review of current Sewer Service Charge and Sewer Connection Fee schedules

---

### **Background**

At the February 16, 2022 Board of Directors meeting, Carollo Engineers presented the Agency Master Sewer Plan (MSP) to the Board, which was subsequently accepted by the Board. In the MSP, proposed Capital Improvement Plan (CIP) projects are categorized for the Truckee River Interceptor (TRI) and Water Reclamation Plant (WSP) as follows:

#### Truckee River Interceptor (TRI)

1. Capacity
2. Rehabilitation and Replacement
3. Other

#### Water Reclamation Plant (WSP)

1. Capacity
2. Rehabilitation and Replacement
3. Process Optimization

The Agency currently funds the majority of its CIP through Sewer Service Charges, Sewer Connection Fees, and property taxes. The Sewer Service Charge and Sewer Connection Fee schedules have been determined by past studies.

The following is a summary of the current and latest amendments to the Sewer Service Charge and Sewer Connection Fee for a residential dwelling unit for reference:

#### Sewer Service Charge

- *Residential dwelling unit - Within TTSA's taxable service area*
  - Current charge amount: \$306/year
  - Previous charge amount (FY 2009-2010): \$294/year (increase of \$12/year)
- *Residential dwelling unit - Outside TTSA's taxable service Area*
  - Current charge amount: \$351.60/year
  - Previous charge amount (FY 2013-2014): \$355.56/year (decrease of \$3.96/year)

The Agency assesses differing service charges depending on whether the Agency collects property tax from the parcel. If the Agency collects a property tax from the parcel, the parcel is assessed a charge "*within TTSA's taxable service area*". If the Agency does not collect a property tax from the parcel, the parcel is assessed a charge "*outside TTSA's taxable service area*". The local counties make the determination on which parcels are subject to property tax.

## Connection Fee

- A Sewer Connection Fee study was performed by HDR, Inc. in 2019.
- The Agency amended its fee schedule in 2019 from a fixed-amount of \$5,000 to a variable rate based on square footage.

Connection fees are not affected by taxable and non-taxable areas.

As the Agency proceeds to implement CIP projects, the Agency should update its Sewer Service Charge Study and Sewer Connection Fee Study to reflect the updated CIP projects from the MSP. It should be noted, when the Agency issued the 2020 Wastewater Revenue Refunding Bonds, the Agency stated it would perform a rate study upon completion of the MSP.

Should the Agency wish to proceed with obtaining a consultant to perform Sewer Service Charge and Sewer Connection Fee studies, the consultant could be obtained through an RFP process or through direct negotiation. When the Agency performed its Sewer Connection Fee study in 2019, it selected HDR, Inc. through a RFP process.

### **Fiscal Impact**

None.

### **Attachments**

None.

### **Recommendation**

Management recommends the Agency obtain consultant services to review and to perform a Sewer Service Charge Study and Sewer Connection Fee Study.

### **Review Tracking**

Submitted By: \_\_\_\_\_

  
LaRue Griffin  
General Manager



# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** LaRue Griffin, General Manager  
**Item:** VI-9  
**Subject:** Discussion of in-person Board of Directors meeting

---

### **Background**

This agenda item is created to have a discussion to determine if the Board would like to hold an in-person meeting with each Director having the option to participate via teleconference, under the current Brown Act regulations or hold a teleconference meeting in accordance with AB 361 at the next upcoming Board meeting.

Currently, the majority of face covering restrictions have been lifted regardless of vaccination status. Staff and the public are able to attend a Board of Directors meeting without face covering restrictions.

### **Fiscal Impact**

None.

### **Attachments**

None.

### **Recommendation**

Management recommends the next Board of Directors meeting be held in-person with each Director having the option to participate via teleconference, under the current Brown Act regulations.

### **Review Tracking**

Submitted By:   
\_\_\_\_\_  
LaRue Griffin  
General Manager





# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** LaRue Griffin, General Manager  
**Item:** VII-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: \_\_\_\_\_

  
LaRue Griffin  
General Manager



## TAHOE-TRUCKEE SANITATION AGENCY OPERATIONS DEPARTMENT REPORT

**Date:** March 16, 2022  
**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.

### **Operations:**

- Plant performed well through the month.
- Caustic was added to the final effluent to maintain a 7.0 pH set point.
- A Water Information Management System (WIMS) software program has been selected.

### **Operations Work Orders:**

- Completed this month: 7
- Pending: 4

### **Laboratory:**

- Staff performed necessary laboratory testing.
- The Laboratory Information Management System (LIMS) needs assessment has been completed.
- Staff continue preparation of the laboratory Quality Manual and other documentation in accordance with The NELAC Institute (TNI) standards.
- The Agency expects TNI compliance by end of calendar year.

### **Laboratory Corrective Actions:**

- Completed this month: 0
- Pending: 0


### **Plant Data:**


<b>Influent Flow Description</b>	<b>MG</b>
Monthly average daily <sup>(1)</sup>	3.64
Monthly maximum instantaneous <sup>(1)</sup>	6.81
Maximum 7- day average	4.21

<b>Effluent Limitation Description</b> <sup>(2)</sup>	<b>WDR Monthly Average</b>		<b>WDR Daily Maximum</b>	
	<i>Recorded</i>	<i>Limit</i>	<i>Recorded</i>	<i>Limit</i>
Suspended Solids (mg/l)	1.9	10.0	2.5	20.0
Turbidity (NTU)	NA	NA	2.2	10.0
Total Phosphorus (mg/l)	0.38	0.80	0.68	1.50
Chemical Oxygen Demand (mg/l)	35	45	42	60

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

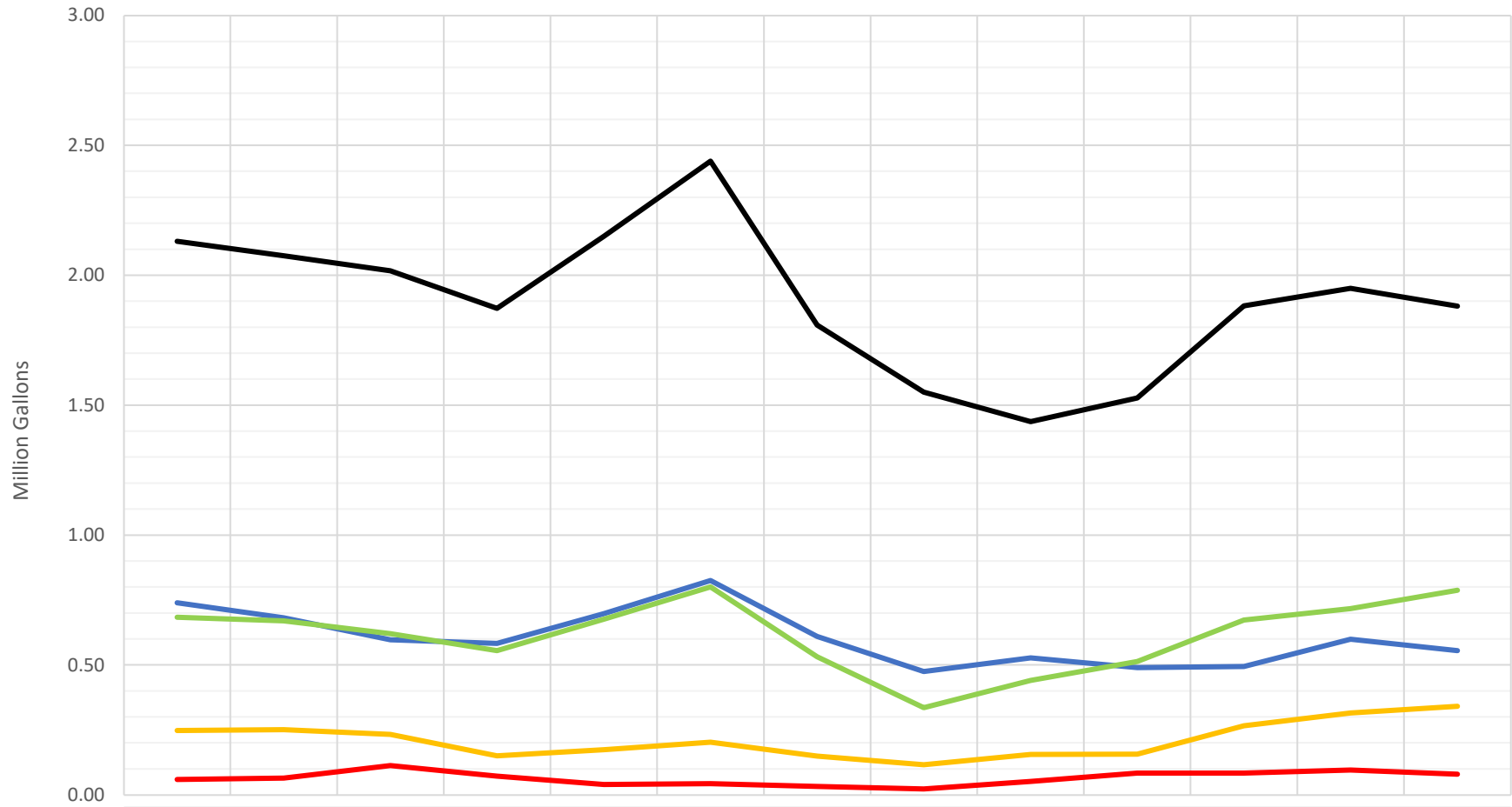
**Review Tracking:**

Submitted By:   
 Michael Peak  
 Operations Manager

Approved By:   
 LaRue Griffin  
 General Manager

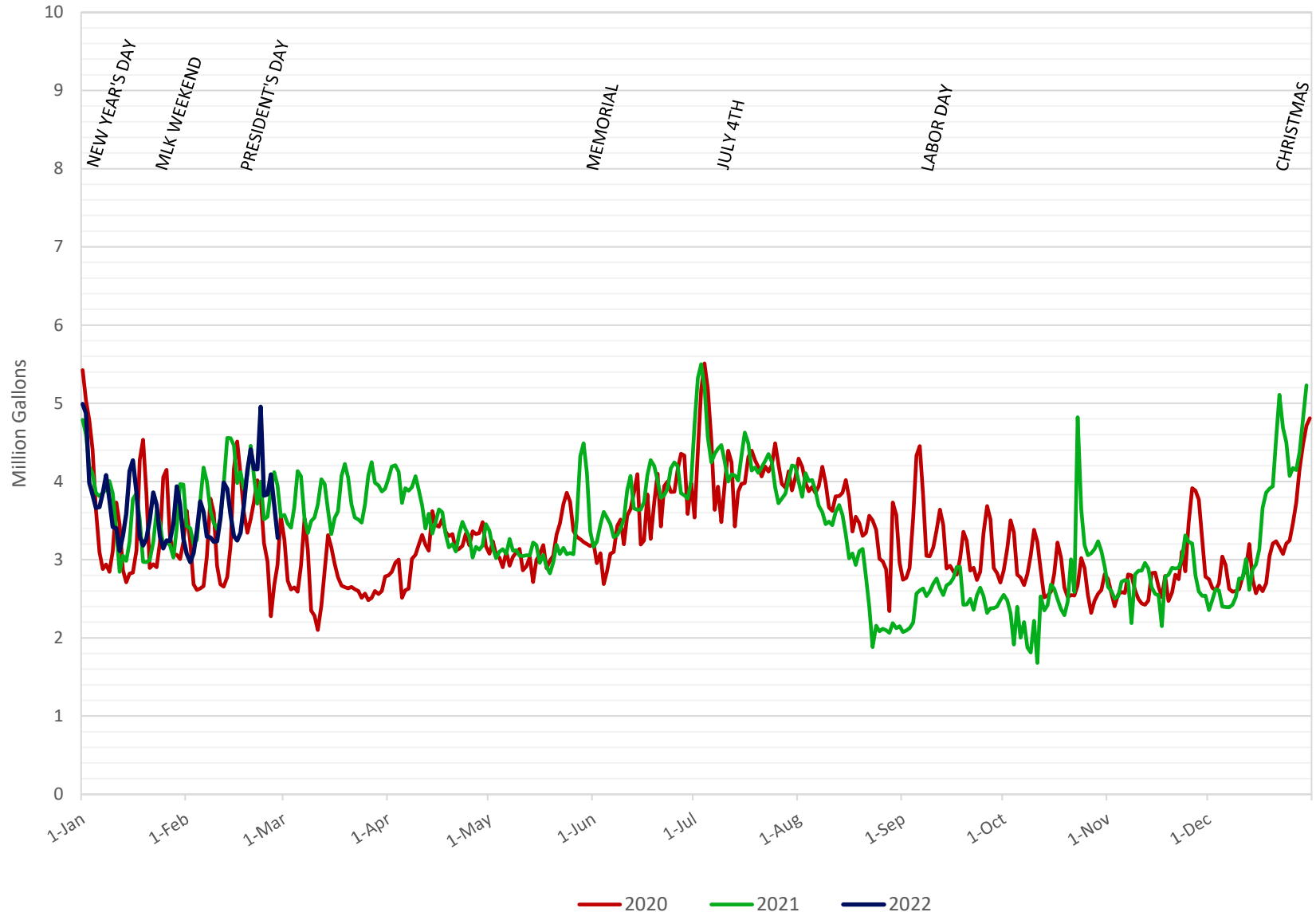


Monthly Average Daily Flow (Districts)

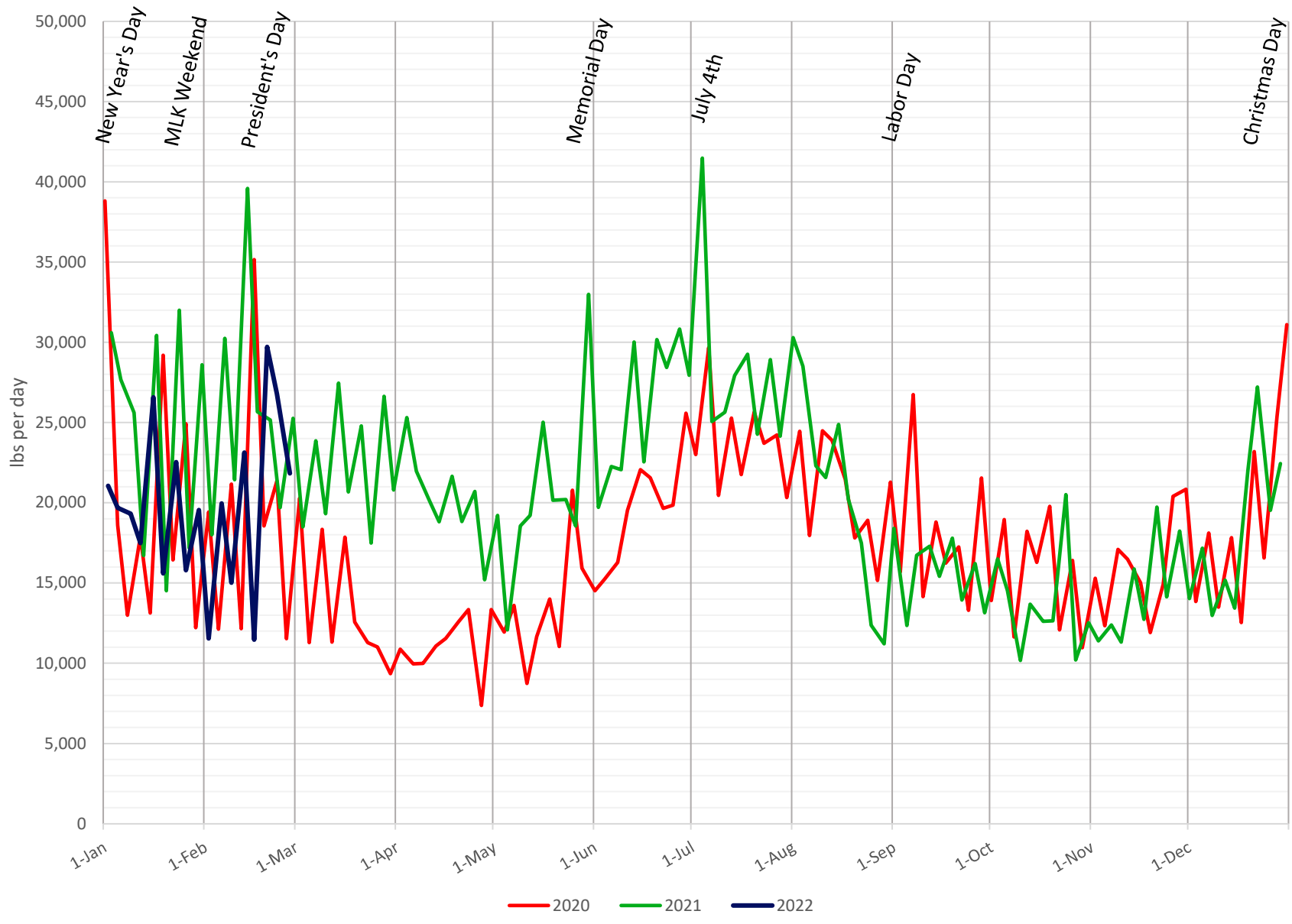


	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22
NTPUD	0.74	0.68	0.60	0.58	0.70	0.83	0.61	0.48	0.53	0.49	0.49	0.60	0.56
TCPUD	0.68	0.67	0.62	0.55	0.68	0.80	0.53	0.34	0.44	0.51	0.67	0.72	0.79
ASCWD	0.06	0.06	0.11	0.07	0.04	0.04	0.03	0.02	0.05	0.08	0.08	0.10	0.08
OVPSD	0.25	0.25	0.23	0.15	0.17	0.20	0.15	0.12	0.16	0.16	0.27	0.31	0.34
TSD	2.13	2.08	2.02	1.87	2.15	2.44	1.81	1.55	1.44	1.53	1.88	1.95	1.88

### T-TSA Daily Influent Flow



# COD Influent Loading











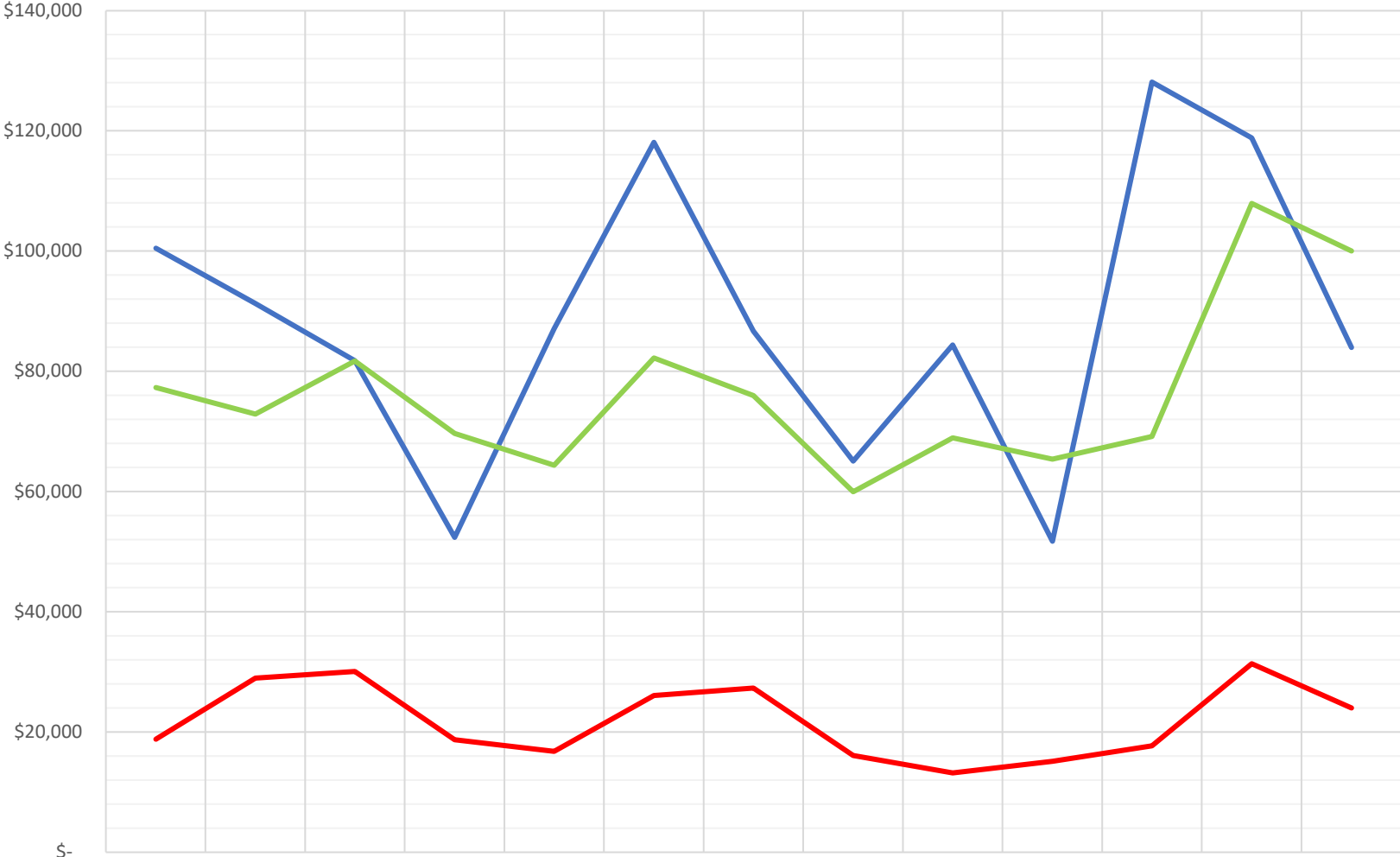








### Chemical, Power and Sludge Disposal Costs



	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22
— Chemical	\$100,486	\$91,278	\$81,758	\$52,348	\$87,109	\$118,100	\$86,660	\$65,076	\$84,387	\$51,738	\$128,152	\$118,832	\$83,965
— Power	\$77,270	\$72,881	\$81,705	\$69,645	\$64,361	\$82,199	\$75,956	\$59,970	\$68,936	\$65,393	\$69,150	\$107,937	\$100,001
— Sludge Disposal	\$18,781	\$28,938	\$30,061	\$18,691	\$16,768	\$26,075	\$27,293	\$16,092	\$13,197	\$15,117	\$17,692	\$31,373	\$23,978




## TAHOE-TRUCKEE SANITATION AGENCY MAINTENANCE DEPARTMENT REPORT

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** Richard Pallante, Maintenance Manager  
**Subject:** Maintenance Report

---

- ◆ **Project support:** In the month of February, Maintenance staff provided support for the following projects:
  - Logically Implementation.
  - SCADA/IT Master Plan.
  - Plant Security Camera Project.
  - Lucity CMMS Project.
  - LIMS Project Support.
  
- ◆ **Plant Maintenance activities:** Maintenance staff performed tasks on the following items:
  - Mechanical shop floor coating.
  - Lime feed system repair.
  - Fire extinguisher and eye wash clearance marking.
  - Thickening polymer feed pump replacement.
  - BNR air handling unit repair.
  - AWT and Thickening LED lighting upgrades.
  - IT server install.
  - PLC inventory data collection.
  
- ◆ **Work Orders**
  - Completed this month: Mechanical-75, Fleet-10, Electrical & Instrumentation-15, IT-4.
  - Pending: Mechanical-210, Fleet-55, Electrical & Instrumentation-40, IT-25.

### Review Tracking:

Submitted By:   
Richard Pallante  
Maintenance Manager

Approved By:   
LaRue Griffin  
General Manager





Shop floor preparation for epoxy system



Shop floor after being coated with epoxy system



Fire extinguisher and eye wash clearance



Thickening LED lighting upgrade



## TAHOE-TRUCKEE SANITATION AGENCY ENGINEERING DEPARTMENT REPORT

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** Jay Parker, Engineering Manager  
**Subject:** Engineering Report

---


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

- Master Sewer Plan
- Digestion Improvements Study
- 2020 Headworks Improvements Project
- 2021 Chlorine Scrubber Improvements Project
- 2022 Digital Scanning of Sewer Lines Project
- 2022 Control Room Upgrades Project
- 2022 Filter Influent Condition Assessment Project
- 2022 Plant Coating Project
- 2022 Plant Improvements Project
- 2022 Roof Repair Project
- 2022 Sewer Manhole Adjustment Project

◆ **Work Orders:**

- Engineering:
  - Completed this month: 0
  - Pending: 0
- Safety:
  - Completed this month: 4
  - Pending: 1

**Review Tracking:**

Submitted By:   
Jay Parker  
Engineering Manager

Approved By:   
LaRue Griffin  
General Manager




# TAHOE-TRUCKEE SANITATION AGENCY ADMINISTRATIVE DEPARTMENT REPORT

**Date:** March 16, 2022  
**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 support for additional requests from auditors for fiscal year 2020-2021 audit.
  - Participated in the financial committee meeting on March 7, 2022.
- Billing/Customer Service
  - General assistance with customer accounts, utility demands, adjustments, and plan review.
  - Activated new account permits and prepared letters, reports and invoices.
  - Performed purchasing duties.
- General Administration
  - Performed various administrative duties to assist GM and Board of Directors.
  - Continued training and research on investment and funding opportunities.
  - New Purchasing Agent started February 28, 2022.
  - Filed the 2021 Annual Continuing Disclosure Report.

## Review Tracking

Submitted By:   
Crystal Sublet  
Finance and Administrative Manager

Approved By:   
LaRue Griffin  
General Manager

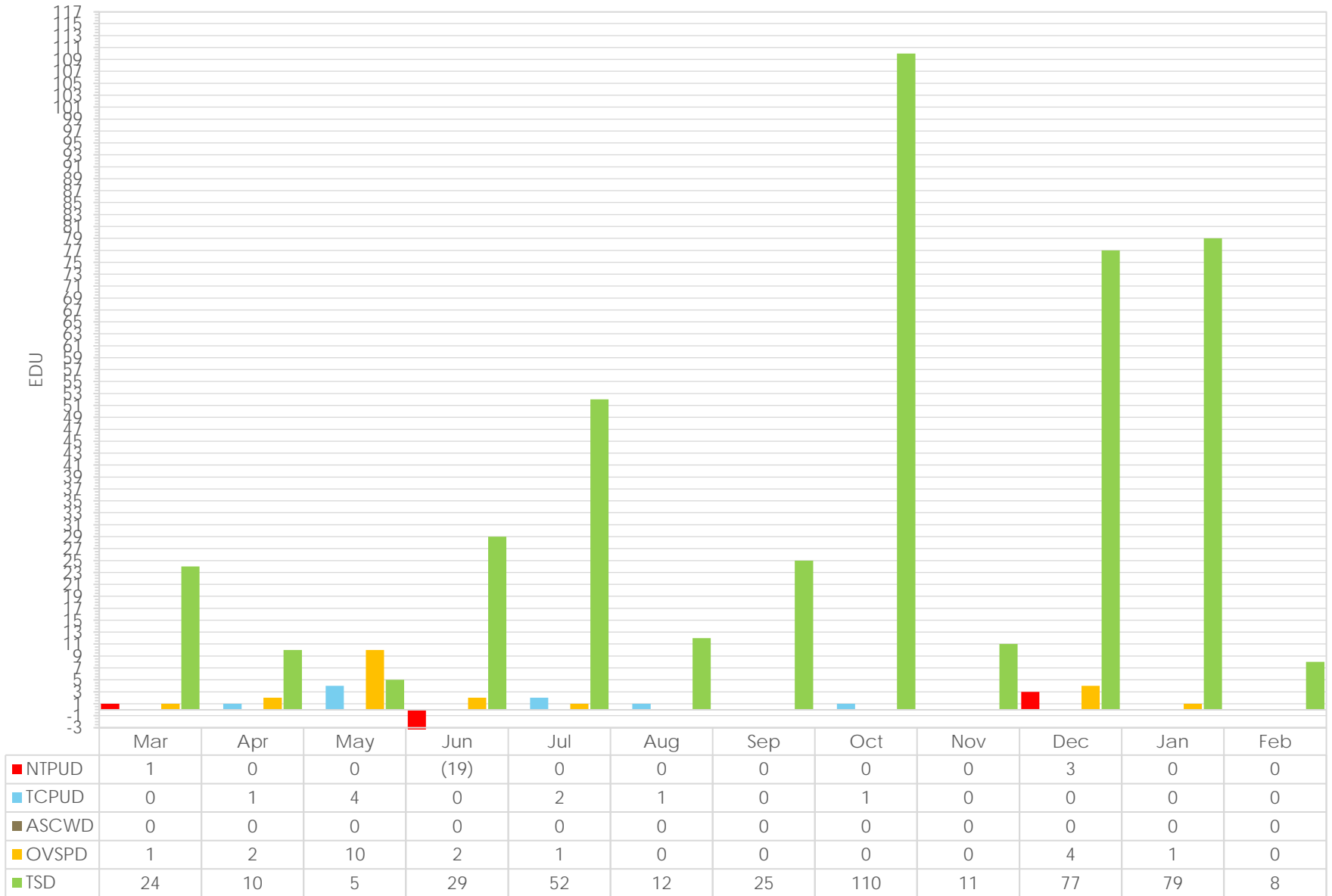
## CONNECTION FEES - FEBRUARY 2022

Connection Fee Type	MTD Count (#)	MTD Total Ft <sup>2</sup>	MTD Total \$	YTD Count (#)	YTD Total Ft <sup>2</sup>	YTD Total \$
Residential	6	14,405	\$ 34,208.75	237	665,010	\$ 1,496,864.30
Residential Ft <sup>2</sup> Additions	1	886	\$ 1,550.50	16	23,842	\$ 41,723.50
Residential Ft <sup>2</sup> Additions - Exempt	0	0	N/A	2	443	N/A
Accessory Dwelling Unit (ADU)	1	560	\$ 2,480.00	7	6,918	\$ 22,606.50
Accessory Dwelling Unit (ADU) - Exempt	0	0	N/A	1	118	N/A
Commercial	1	N/A	\$ 2,500.00	5	N/A	\$ 81,000.00
Industrial	0	N/A	\$ -	0	N/A	\$ -
<b>Grand Total</b>	<b>9</b>	<b>15,851</b>	<b>\$ 40,739.25</b>	<b>268</b>	<b>696,331</b>	<b>\$ 1,642,194.30</b>

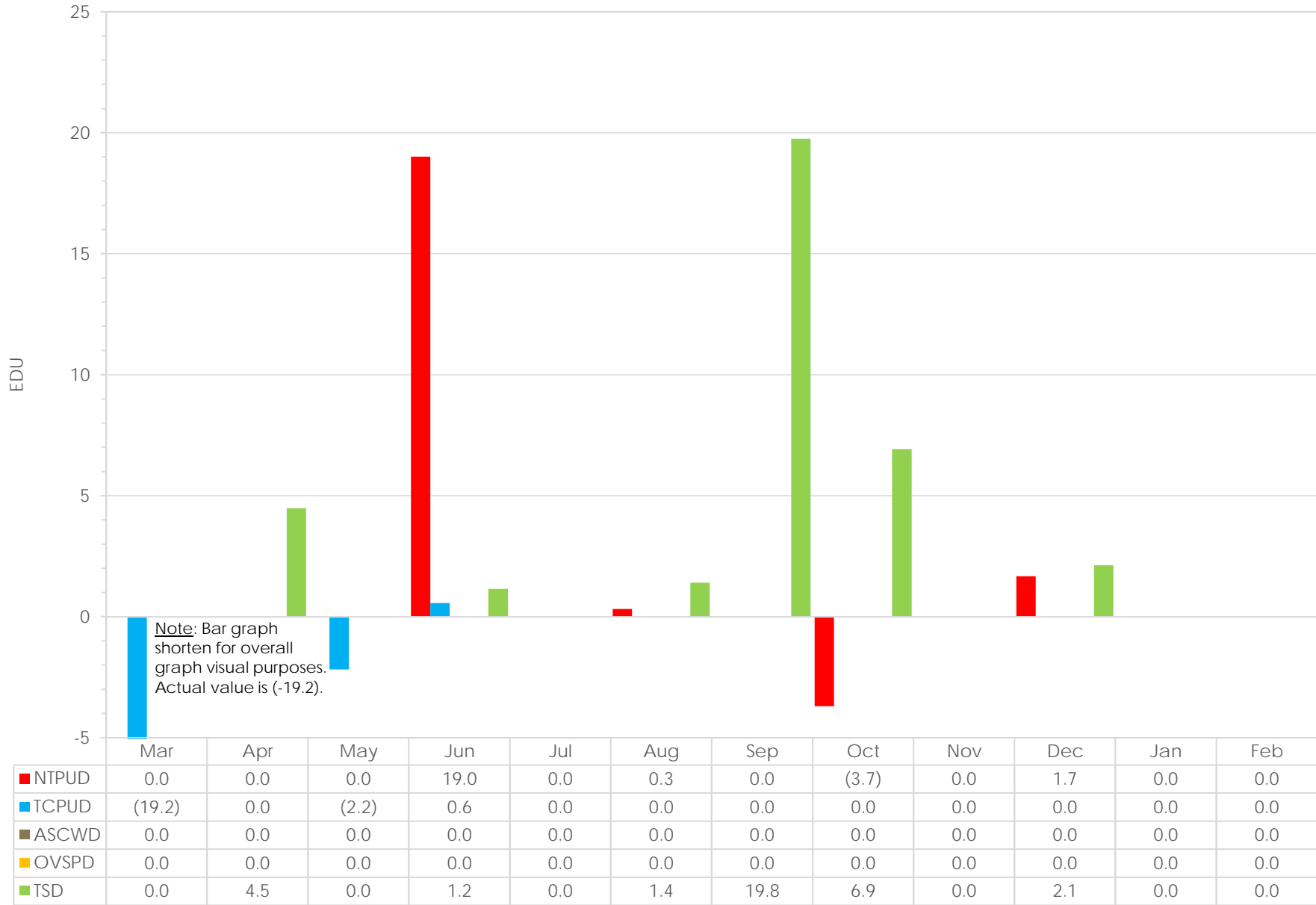
## INSPECTIONS - FEBRUARY 2022

Inspection Type	MTD Count #	MTD Total	YTD Count #	YTD Total
Commercial	0	0	8	9
Residential (Drive-by of Suspended Accounts)	0		1	

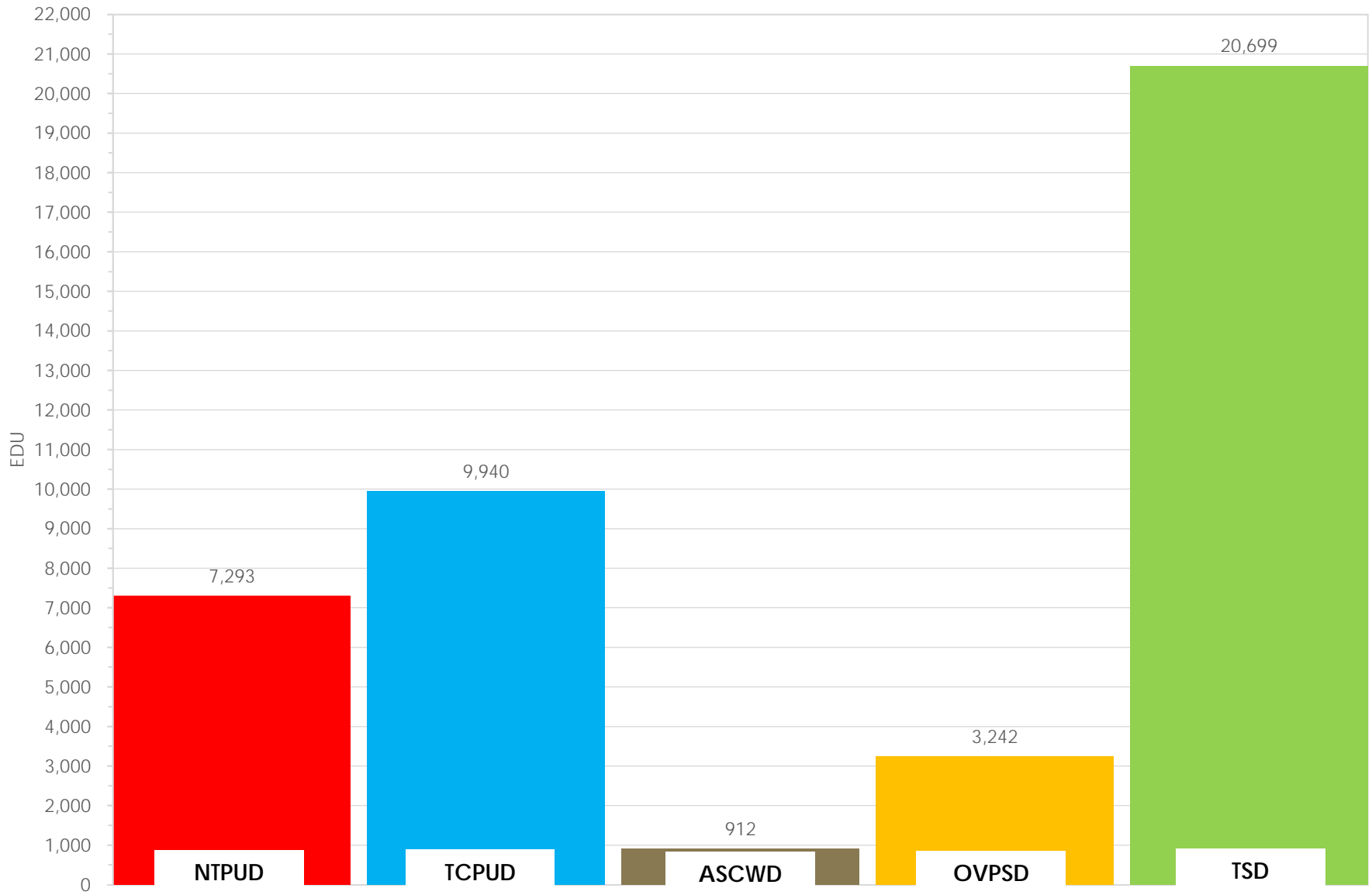
# Residential EDU Summary



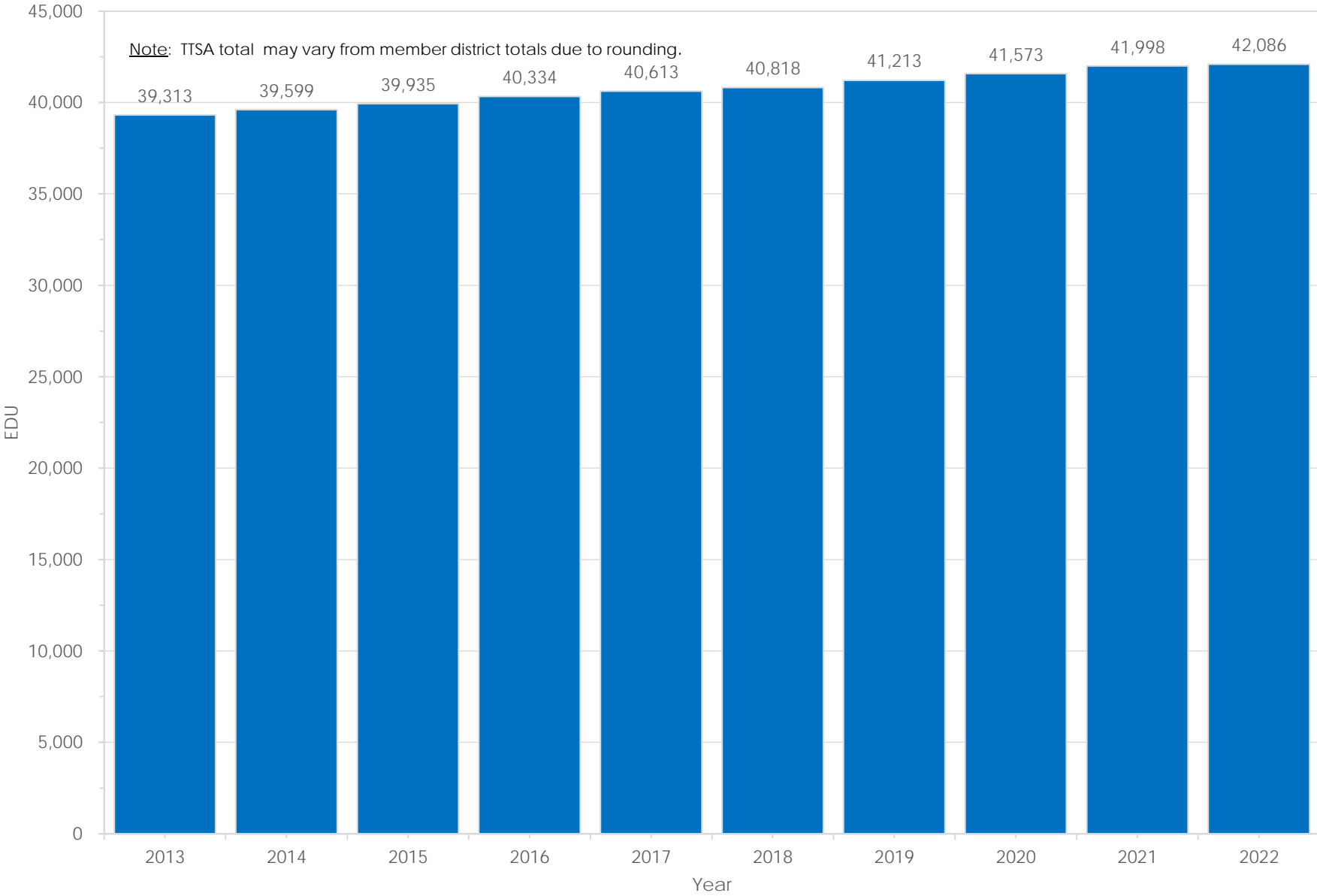
# Other EDU Summary



# Current EDU Summary By Member District



# Historical TTSA EDU Summary







# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** LaRue Griffin, General Manager  
**Item:** VII-2  
**Subject:** General Manager Report

---

### **Continuing Projects/Work**

- Management and staff continued to investigate options to become more efficient.
- Management and staff continued implementation of the new software programs.
- Management and staff continued progress on CIP projects.
- Management and staff continued leadership training.

### **Past Month Projects/Work**

- Agency recruitment status:
  - WWTP Operator OIT/I/II/III – One candidate is scheduled to start employment towards the end of March.
- Management participated in safety rounds on various tasks.
- Logically Inc. continues to implement IT measures to include additional cyber security.
- Jacobs is continuing with the Master SCADA/IT Plan.
- Management and staff have started preparation of the annual financial budget.
- Management executed License Agreement with Bike Monkey, Inc. (attached).

### **Review Tracking**

Submitted By: \_\_\_\_\_

  
LaRue Griffin  
General Manager



# TAHOE-TRUCKEE SANITATION AGENCY

## MEMORANDUM

**Date:** March 16, 2022  
**To:** Board of Directors  
**From:** LaRue Griffin, General Manager  
**Item:** VIII  
**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:** March 16, 2022  
**To:** Board of Directors  
**From:** LaRue Griffin, General Manager  
**Item:** IX  
**Subject:** Closed Session

---

1. Closed session conference with legal counsel for existing litigation (Government Code section 54956.9(d)(1)) - Fay v. Tahoe-Truckee Sanitation Agency.
2. Closed session for public employee performance evaluation of the General Manager position.