



TID BOARD OF DIRECTORS

Michael Frantz, President - Division 1

Charles Fernandes - Division 2

Joe Alamo, Secretary - Division 3

Rob Santos - Division 4

Ron Macedo, Vice-President - Division 5

General Manager, Michelle Reimers

Executive Secretary to the Board, Tami Wallenburg

333 E. Canal Drive, Turlock, CA 95380

AGENDA

**Turlock Irrigation District
Board Room
Main Office Building
333 East Canal Drive
Turlock, California**

ALTERNATE FORMATS OF THIS AGENDA WILL BE MADE AVAILABLE
UPON REQUEST TO QUALIFIED INDIVIDUALS WITH DISABILITIES.
APPROPRIATE INTERPRETIVE SERVICES FOR THIS MEETING WILL
BE PROVIDED IF FEASIBLE UPON ADVANCE REQUEST TO
QUALIFIED INDIVIDUALS WITH DISABILITIES.

REGULAR MEETING

Tuesday, July 19, 2022

9:00 a.m.

A. CALL TO ORDER

Members of the public may participate in the meeting in-person or by utilizing Zoom's webinar feature or through a phone number, both of which are provided below. Please see the attached [Addendum](#) with instructions on how to join the TID Board meeting via Zoom or phone, or review the precautionary protocols in place for the in-person meeting.

Members of the public attending virtually will have the opportunity to provide public comment via the webinar or phone features. If you wish to speak, click on the "Raise Hand" button via Zoom, or press *9 if using a phone, and wait until your name (or other identifying information) is called by the Board Secretary.

To join the meeting:

- [Click here to join the video meeting](#)

Or to join by phone, please dial (toll free) 669-900-9128 or 346-248-7799

Meeting ID: 976 5321 8971

B. PLEDGE OF ALLEGIANCE

C. MOTION APPROVING CONSENT CALENDAR

All matters listed hereunder will be acted upon by a single vote of the Board. There will be no individual discussion of these items unless a member of the Board or the public so requests, in which event the matter shall be removed from the Consent Calendar and considered as a separate agenda item.

1. **Approval of minutes of the regular meeting of July 5, 2022.**
2. **Approval of warrants dated July 19, 2022.**
3. **Report of Revolving Fund Activity through July 7, 2022.**
4. **Report of Warrants paid pursuant to Resolution No. 2022-1.**
5. **Approval of Motion Canceling the TID Board Meeting of July 26, 2022.**
6. **Approval of Motion Approving Installation of a 24-inch Sidegate in the Highline Canal by Jose Perez.**

D. DISCUSSION OF ANY ACTION ITEM REMOVED FROM THE CONSENT CALENDAR

E. PUBLIC COMMENT PERIOD (*5-minutes per speaker maximum*)

Interested persons in the audience are welcome to introduce any topic within the District's jurisdiction. Matters presented under this heading may be discussed, but no action will be taken by the Board at this meeting.

F. WEEKLY UPDATE

1. **Electrical Service Update**
 - Manjot Gill, AGM Electrical Engineering & Operations
2. **Power Supply Update**
 - Andrew Crawford, Utility Analyst
3. **Irrigation Update**
 - Mike Kavarian, Water Distribution Department Manager

G. ACTION ITEM

1. **Motion Adjourning to a Meeting of the Walnut Energy Center Authority**

H. RECONVENE - CONTINUATION OF TID ACTION ITEMS

1. **Motion Adjourning to a Meeting of the Tuolumne Wind Project Authority**

I. RECONVENE – CONTINUATION OF TID ACTION ITEM

J. ACTION ITEM

1. **Motion Accepting the Treasurer's Report**

Consider acceptance of the Treasurer's Report on TIDs Investment Portfolio and Summary of Investment Activity through June 30, 2022.

 - Brian Stubbart, CFO/AGM Financial Services

K. REPORT

1. 2021 Electric Reliability Report

- Manjot Gill, AGM Electrical Engineering and Operations
- Brett Bodine, Electrical Engineering and Operations Department Manager

L. GENERAL MANAGER'S REPORT

M. BUSINESS OF THE BOARD

1. SJTA Commission Meeting Report

- Director Frantz

N. MOTION TO ADJOURN

The next scheduled regular meeting is Tuesday, August 2, 2022 at 9:00 a.m.

**MINUTES OF THE
BOARD OF DIRECTORS MEETING
OF THE TURLOCK IRRIGATION DISTRICT**

Turlock, California
5 July 2022

The meeting of the Board of Directors of the Turlock Irrigation District was called to order at 9:00 a.m. in regular session on the 5th day of July 2022. Present were: Directors Michael Frantz (President-via Zoom), Ron Macedo (Vice-President), Joe Alamo (Secretary), Charles Fernandes and Rob Santos, General Manager Michelle Reimers, and Executive Secretary to the Board Tami Wallenburg.

Board President Michael Frantz read the following statement:

“Members of the public attending virtually will have the opportunity to provide public input via the webinar or phone features. If you wish to speak, click on the “Raise Hand” button via Zoom, or press *9 if using a phone, and wait until your name (or other identifying information) is called by the Board Secretary.”

SALUTE TO THE FLAG

MOTION APPROVING CONSENT CALENDAR

Moved by Director Santos, seconded by Director Fernandes, that the consent calendar consisting of the following be approved:

- 1. Approval of minutes of the regular meeting of June 21, 2022.**
- 2. Demands against the District represented by check numbers 413771 to 414026, inclusive, in the amount of \$16,511,120.44.**
- 3. Report of Revolving Fund Activity through June 22, 2022.**
- 4. Report of Warrants paid pursuant to Resolution No. 2022-1.**
- 5. Approval of Motion Canceling the TID Board Meeting of July 12, 2022.**
- 6. Approval of Resolution No. 2022-34 – Approving Abandonment of 1.70-acres from Improvement District No. 00341 and 03850 by Velis Karampoor.**
- 7. Approval of Resolution No. 2022-35 – Approving Abandonment of 0.70-acre from Improvement District No. 00520 by Jose and Elizabeth Rico.**
- 8. Approval of Resolution No. 2022-36 – Authorizing Submittal of Grant Application for Funding by the Bureau of Reclamation’s WaterSmart Drought Response Program for the Lateral 5.5 Regulating Reservoir Project.**

All voted in favor with none opposed. The President declared the motion carried.

PUBLIC COMMENT PERIOD

Customer David Yonan commented on a breach in the canal north of the Ceres Main on June 25th. He wished to commend the water distribution operator who arrived within the hour as well as the excavator and dump truck drivers who assisted in repairing the canal bank.

WEEKLY UPDATES

Water Operations Manager Seth Aldrich presented a summary of irrigation activity for the month of June. Daily releases from Turlock Lake averaged at 1,031 cfs, or 103 cfs below projections. Water orders in June totaled 9,156. Irrigation activity for the period of July 1-4 show daily releases from Turlock Lake averaged at 1,113 cfs, or 229 cfs below projections. Flows ranged between 1,430-1,045 cfs. For the period of June 27-July 3, 2,244 orders were received. A majority of the orders placed were in service areas 8, 9, 16, 17 and 25. Spills are currently at three percent. Mr. Aldrich also noted approximately 66 customers utilized the online forecasting tool on June 27, with another 87 customers making water payments through the online system. To date, there are seven pending requests for the Drought Transfer program with five completed, and currently no offers made on the online bulletin board. He also stated Grower meetings have been scheduled for July 13, 20 and 27. Staff is requesting customers to RSVP for planning purposes.

PUBLIC HEARING

A public hearing was opened at 9:16 a.m. to receive comments on the proposed inclusion into ID No. 80020, known as the Miller Micro-Sprinkler. Hearing no comments, the hearing was closed at 9:17 a.m., and the following action was taken:

RESOLUTION NO. 2022 – 37

RESOLUTION OF FINAL ORDER OF THE BOARD OF DIRECTORS OF THE TURLOCK IRRIGATION DISTRICT APPROVING INCLUSION OF ADDITIONAL LAND INTO IMPROVEMENT DISTRICT NO. 80020, KNOWN AS MILLER MICRO-SPRINKLER

WHEREAS, the Board of Directors of the Turlock Irrigation District on July 5, 2022 at 9:00 a.m., held a public hearing on the petition for inclusion of additional land into Improvement District No. 80020, known as Miller Micro-Sprinkler, under the provisions of Part 7, Division 11, of the California Water Code.

Based upon the evidence presented at the public hearing, the Board finds:

1. All of the landowners of the parcel described in attached *Exhibit A* to be included have signed a petition for inclusion and have properly filed the petition with the Board. The petition is incorporated herein by reference.
2. The District's Water Resources Administration, in accordance with a Board resolution, has properly prepared a Report of Survey of the proposed inclusion, an Estimate of the Cost of the Inclusion, and the Statement of Proposed Charge for inclusion into the improvement district.

3. Proper and timely notice of the public hearing was given in accordance with California Water Code Section 23646 and/or the California Constitution.

4. The land, which the Board finds should be included, is described in the attached *Exhibit A* and incorporated herein by reference.

5. The land to be included within the improvement district will be benefited by the improvement district facilities.

6. Thirty-One Thousand, Three Hundred Eight and 43/100 dollars (\$31,308.43) is a just charge, which the landowner must pay as a prerequisite for the land being included into the improvement district, and that land title holder will deposit that amount of money with the Executive Secretary of the Board for payment of that charge before recordation of the Final Order.

7. The Board tabulated the ballots submitted and determined no majority protest exists.

8. The landowners have agreed to pay all future assessments levied upon the land by the Turlock Irrigation District for the maintenance and operation of the improvement district.

9. It will be in the best interests of the Turlock Irrigation District and the improvement district to allow the land described in *Exhibit A* to be included in the improvement district.

NOW, THEREFORE BE IT HEREBY ORDERED AND DECREED by the Board of Directors of the Turlock Irrigation District that the petition for the inclusion of additional land into Improvement District No. 80020 is hereby approved, and that the lands described in *Exhibit A* is hereby included within the improvement district.

Moved by Director Fernandes, seconded by Director Macedo, that the foregoing resolution be adopted.

Upon roll call the following vote was had:

Ayes:	Directors Fernandes, Santos, Alamo, Macedo, Frantz
Noes:	Directors - None
Absent:	Directors - None

The President declared the resolution adopted.

RESOLUTION NO. 2022 – 38

RESOLUTION CALLING FOR A PUBLIC HEARING ON THE PETITION FOR THE INCLUSION OF LAND INTO IMPROVEMENT DISTRICT NO. 13070, KNOWN AS VERDE PUMP, AND FOR THE LEVYING OF AN ASSESSMENT ON THE INCLUDED LAND

WHEREAS, a petition for the inclusion of additional land into Improvement District No. 13070, has been properly filed with the Executive Secretary of the Turlock Irrigation District; and

WHEREAS, the required data on said inclusion has been prepared by the Water Resources Administration of the Turlock Irrigation District in accordance with California Water Code Sections 23626 and 23877 and said data has been properly filed with the Executive Secretary; and

NOW, THEREFORE, BE IT HEREBY RESOLVED ORDERED by the Board of Directors of the Turlock Irrigation District that a public hearing on said petition shall be held at 9:00 a.m. on August 2, 2022, in the office of the Board of Directors of the Turlock Irrigation District, 333 East Canal Drive, Turlock, Stanislaus County, California, and that proper and timely notice of said public hearing shall be given in accordance with California Water Code Section 23646 and California Constitution Articles XIII.C and XIII.D.

Moved by Director Macedo, seconded by Director Fernandes, that the foregoing resolution be adopted.

Upon roll call the following vote was had:

Ayes:	Directors Fernandes, Santos, Alamo, Macedo, Frantz
Noes:	Directors - None
Absent:	Directors - None

The President declared the resolution adopted.

DISCUSSION REGARDING THE PROPOSED ACTION TO ADOPT A PUBLIC COMMENT TIME LIMIT, RULES AND GUIDELINES

Assistant General Counsel Sara Lima presented the proposed action to adopt a public comment time limit of five minutes per speaker, as well as rules and guidelines for public comment periods to maintain an orderly process. Director Alamo questioned if the Board Chair could reduce the time limit as needed if there is a topic on the agenda accepting public comment that would potentially draw a larger than normal crowd to which Ms. Lima stated that wording could be added to the draft resolution. Hearing no further comments, the following action was taken (*amended wording in italics*):

RESOLUTION NO. 2022 - 39

RESOLUTION OF THE BOARD OF DIRECTORS OF THE TURLOCK IRRIGATION DISTRICT ADOPTING A PUBLIC COMMENT TIME LIMIT, RULES AND GUIDELINES

WHEREAS, pursuant to the California Government Code section 54954.3(b)(1), the legislative body of a local agency may adopt reasonable regulations to ensure that the intent of subdivision (a) is carried out, including, but not limited to, regulations limiting the total amount of time allocated for public testimony on particular issues and for each individual speaker; and

WHEREAS, all meetings of the Board of Directors of the Turlock Irrigation District (District) are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend either virtually or in-person to participate and watch the District’s legislative body conduct its business; and

WHEREAS, the Board of Directors of the Turlock Irrigation District desires to adopt reasonable rules and guidelines for public comment periods to maintain an orderly process, including the imposition of time limits during public meetings and hearings.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE TURLOCK IRRIGATION DISTRICT does hereby adopt the reasonable rules and guidelines for public comment periods during public meetings and hearings as follows:

1. Interested persons in the audience are welcome to introduce any topic within the subject matter jurisdiction of the District; however, no official action will be taken by the Board of Directors on items presented during the public comment period. Matters addressed publicly to the Board will be taken under advisement and either the Board will respond to the person raising the issue directly at a later date, or the Board will respond to the item during a future public meeting.
2. The speaker must direct all comments to the Board of Directors, not staff.
3. Each speaker recognized by the Board President will be given five (5) minutes to comment during each public comment period unless modified by *the Board President*. *If modified, the Board President will announce the new time limit before any comments are made so that all commenters are afforded the same amount of time to comment. Modified time limits will apply only to that meeting.*
4. Other than during public comment periods, members of the public may only comment on issues being discussed during the meeting when recognized by the Board President conducting the meeting.
5. This Resolution shall take effect immediately upon its adoption, effective as of July 5, 2022.

Moved by Director Alamo, seconded by Director Santos, that the foregoing resolution be adopted.

Upon roll call the following vote was had:

Ayes:	Directors Fernandes, Santos, Alamo, Macedo, Frantz
Noes:	Directors - None
Absent:	Directors - None

The President declared the resolution adopted.

DISCUSSION REGARDING THE PROPOSED ACTION TO ADOPT AN EMAIL AND ELECTRONIC COMMUNICATIONS RETENTION RULE

Assistant General Counsel Sara Lima presented an overview of the proposed adoption of District Rule 0430.001. She stated many district emails are retained by staff for long periods which reduces the efficiency of staff time when searching for relevant emails kept in the normal course

of business. General Manager Michelle Reimers noted the proposed Rule would empower employees to save relevant emails in a different location for ease of retrieval while also freeing up valuable storage space. Staff is proposing all items in a user's inbox and sent items be auto-deleted after 12-months with exceptions for Litigation Holds and NERC related documents. Director Alamo questioned how staff came up with the 12-month period with Ms. Reimers responding that a conservative approach was taken after reviewing several email retention policies from like-agencies. Director Alamo asked if reducing the retention period to six-months would be possible to which IT Services Department Manager Dave Arounsack responded stating IT staff has provided user's with the tools to export emails out based on the proposed 12-month retention period though reducing that further is up to the Board. Director Alamo proposed the resolution be amended to keep at the 12-month retention period for one year then change to a 6-month retention period in July 2023. Board President Michael Frantz appreciated the transparency of the discussion and agreed with the proposed amendment. Hearing no further comments, the following action was taken (*amended wording in italics*):

RESOLUTION NO. 2022 - 40

RESOLUTION ADOPTING THE TURLOCK IRRIGATION DISTRICT RULE 0430.001 REGARDING EMAIL AND ELECTRONIC COMMUNICATION RETENTION

WHEREAS, The Turlock Irrigation District (District) desires to establish procedures to assist District employees in determining which categories of emails or electronic communications should be retained and the duration of the retention; and

WHEREAS, as part of this rule, all sent and received emails or messages in a User's Inbox and Sent Items folder will be permanently auto-deleted after twelve (12) months from the message date and will no longer be recoverable; and

WHEREAS, on July 1, 2023, all sent and received emails or messages in a User's Inbox and Sent Items folder will be permanently auto-deleted after six (6) months from the message date and will no longer be recoverable; and

WHEREAS, the District Rule is designed to ensure compliance with federal and state laws and regulations; and

WHEREAS, the District Rule is also established to eliminate accidental or innocent destruction of emails or electronic communications, and to facilitate the District's operations by promoting efficiency and freeing up valuable storage space.

NOW, THEREFORE BE IT HEREBY RESOLVED by the Board of Directors of the Turlock Irrigation District that District Rule 0430.001 (Exhibit A) is hereby adopted.

Moved by Director Alamo, seconded by Director Fernandes, that the foregoing resolution be adopted.

Upon roll call the following vote was had:

Ayes: Directors Fernandes, Santos, Alamo, Macedo, Frantz
Noes: Directors - None
Absent: Directors - None

The President declared the resolution adopted.

**DISCUSSION REGARDING THE PROPOSED ADOPTION
OF THE PUBLIC RECORDS REQUESTS RULE**

Assistant General Counsel Sara Lima presented proposed District Rule No. 0440.001 regarding public record requests. Due to the increase of public record requests over the years, it is important responses are consistent and in compliance with the Public Records Act (PRA). Currently, public record requests are occasionally received by various district staff so this Rule provides more detail and direction to staff on how the requests are handled by funneling through the Custodian of Records (Tami Wallenburg) so she can verify all requirements of the PRA are met thus reducing District liability. She also noted the Rule also includes that if there is a conflict between this Rule and the PRA, the PRA takes precedent. General Manager Michelle Reimers noted there are also District regulations that give direction on how both Rules proposed for adoption today are implemented and staff will be trained through proper channels. Hearing no further comments, the following action was taken:

RESOLUTION NO. 2022 - 41

**RESOLUTION ADOPTING THE TURLOCK IRRIGATION DISTRICT
RULE 0440.001 REGARDING PUBLIC RECORDS REQUESTS**

WHEREAS, The Turlock Irrigation District (District) desires to establish procedures for processing and responding to requests for public records in accordance with the California Public Records Act (CPRA); and

WHEREAS, the District Rule establishes reasonable guidelines to protect official District records against damage and preserve the orderly function of the District and its employees; and

WHEREAS, the District Rule also clarifies and designates the Custodian of Records as the person responsible for responding to requests for public records, in accordance with the CPRA; and

WHEREAS, if there is a conflict between the CPRA and this Rule, the CPRA will govern.

NOW, THEREFORE BE IT HEREBY RESOLVED by the Board of Directors of the Turlock Irrigation District that District Rule 0440.001 (Exhibit A) is hereby adopted.

Moved by Director Santos, seconded by Director Macedo, that the foregoing resolution be adopted.

Upon roll call the following vote was had:

Ayes: Directors Fernandes, Santos, Alamo, Macedo, Frantz
Noes: Directors - None
Absent: Directors - None

The President declared the resolution adopted.

GENERAL MANAGER'S UPDATE

General Manager Michelle Reimers had no new items to report.

BUSINESS OF THE BOARD

There was no new business of the Board.

MOTION TO ADJOURN TO CLOSED SESSION

Moved by Director Santos, seconded by Director Fernandes, that the regular meeting of the Board of Directors be adjourned to closed session:

1. Public Employee Performance Evaluation

California Government Code section 54957(b)(1)

Title: General Manager

All voted in favor with none opposed. The President declared the motion carried.

RECONVENE - REPORT OF ANY ACTION TAKEN IN CLOSED SESSION

The President announced no action was taken in closed session.

MOTION TO ADJOURN

Hearing no further business, Director Santos motioned, seconded by Director Macedo, that the regular meeting of the Board of Directors be adjourned.

All voted in favor with none opposed. The President declared the motion carried.

Executive Secretary to the Board of Directors

Turlock Irrigation District
Check Register
7/19/2022 - 7/19/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
Reimbursement Checks					
414492	\$140,116.79	7/19/2022	15023	TID REVOLVING FUND	PRIOR REIMBURSEMENT
414493	\$33,452.61	7/19/2022	23430	TID WORKER'S COMPENSATION	PRIOR REIMBURSEMENT
Count: 2	\$173,569.40				

Regular Checks					
414371	\$5,593.44	7/19/2022	38351	EMCOR SERVICES	A/C REPAIRS
414469	\$295.46	7/19/2022	38243	SCHWEITZER ENGINEERING LABORATORIES, INC.	ADAPTERS
414429	\$1,549.80	7/19/2022	38776	MCCLATCHY COMPANY LLC	ADVERTISING
414497	\$425.00	7/19/2022	15110	TURLOCK JOURNAL	ADVERTISING
414430	\$2,205.87	7/19/2022	32184	MCCOY TRUCK TIRE SERVICE	ALIGNMENT/TIRE SRVCE
414518	\$5,750.00	7/19/2022	33603	WILLDAN FINANCIAL SERVICES	ANNUAL DISCLOSURE
414383	\$3,125.21	7/19/2022	33115	GARDA CL WEST, INC.	ARMORED TRANSPORT
414307	\$64.51	7/19/2022	39379	AMERICAN CHEVROLET	AUTOMOTIVE PARTS
414511	\$743.64	7/19/2022	38407	VERIFIED FIRST	BACKGROUND CHECKS
414322	\$138.59	7/19/2022	33417	BATTERY SYSTEMS, INC.	BATTERIES/PARTS
414310	\$83,876.76	7/19/2022	26766	ARB, INC.	BOILER/STEAM REPAIRS
414321	\$7,010,722.00	7/19/2022	23299	B OF A WIRE-BANK OF NEW YORK	BONDS/INTEREST
414368	\$2,799.98	7/19/2022	30763	DS WATERS OF AMERICA INC	BOTTLED WATER/EQUIP
414442	\$8,038.25	7/19/2022	36379	NORTHSTAR CHEMICAL	BULK IND CHEMICALS
414341	\$4,733.90	7/19/2022	30696	CARGILL SALT, INC	BULK SOLAR SALT/WEC
414480	\$4,109.61	7/19/2022	22061	SOUTHWIRE	CABLE/WIRE FOR STOCK
414359	\$13,978.35	7/19/2022	36452	CRIME GUARD INC	CAMERA MONITORING
414402	\$948.21	7/19/2022	32769	HILMAR READY MIX-ROCKERY NURSERY LLC	CEMENT
414502	\$10,712.02	7/19/2022	32131	UNIVAR USA INC.	CHEMICALS
414444	\$6,268.40	7/19/2022	33359	OLIN CORPORATION	CHEMICALS/WEC

Turlock Irrigation District
Check Register
7/19/2022 - 7/19/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414331	\$6,872.88	7/19/2022	32392	BRENNTAG PACIFIC, INC.	CHEMICALS/WEC,ALMOND
414417	\$2,419.75	7/19/2022	21911	JOHNSON CONTROLS, INC.	CHILLER MAINT/ALMOND
414317	\$630.00	7/19/2022	20757	AT&T	COMMUNICATION/PHONES
414315	\$77.60	7/19/2022	17318	AT&T	COMMUNICATN/LONG DIS
414316	\$48.84	7/19/2022	17318	AT&T	COMMUNICATN/LONG DIS
414380	\$130.68	7/19/2022	33327	FRONTIER COMMUNICATIONS SOLUTIONS	COMMUNICATN/PATTERSN
414461	\$116.99	7/19/2022	34218	PROVANTAGE CORPORATION	COMPUTER HARD/SOFTWR
414336	\$151.73	7/19/2022	37491	CALIFORNIA LANDSCAPE SUPPLY	CONCRETE
414364	\$18,571.25	7/19/2022	25253	DAVIDS ENGINEERING, INC.	CONSULTANT
414381	\$2,898.28	7/19/2022	36250	GANNETT FLEMING, INC.	CONSULTANT
414354	\$1,435.00	7/19/2022	33838	COMMUNICATION STRATEGIES	CONSULTANT/PHONE SYS
414325	\$721.50	7/19/2022	35536	LAW OFFICES OF SUSIE BERLIN	CONSULTING
414483	\$39,086.76	7/19/2022	34025	STANTEC CONSULTING SERVICES INC.	CONSULTING
414305	\$2,600.00	7/19/2022	36079	ALPHA INCEPTION LLC	CONSULTING SERVICES
414488	\$70,986.55	7/19/2022	31847	TCB INDUSTRIAL, INC.	CONTRACT LABOR
414329	\$952.74	7/19/2022	38488	BOSS BUSINESS SYSTEMS, INC.	COPIERS
414379	\$236.76	7/19/2022	11678	FEDERAL EXPRESS CORP.	DELIVERY SERVICE
414500	\$877.35	7/19/2022	15185	UNITED PARCEL SERVICE	DELIVERY SERVICE
414498	\$127.79	7/19/2022	92286	TURLOCK SCAVENGER	DISPOSAL FEES
414467	\$1,055.37	7/19/2022	34413	SAMBA HOLDINGS, INC.	DMV RECORDS MAINT
414447	\$1,538.65	7/19/2022	34071	PACIFIC GAS & ELECTRIC	ELECTRIC SERVICE
414485	\$25,332.52	7/19/2022	38961	SYNERGY COMPANIES	ELECTRICAL ENGINEER
414369	\$1,265.67	7/19/2022	36416	EDGES ELECTRICAL GROUP, LLC	ELECTRICAL SUPPLIES
414335	\$120.00	7/19/2022	36904	CA. ELECTRONIC ASSET RECOVERY	ELECTRONIC WASTE
414410	\$156.00	7/19/2022	32760	B OF A WIRE-IMPERIAL IRRIGATION DISTRICT	ENERGY
414504	\$15,750.00	7/19/2022	36400	UTILICAST LLC	ENERGY ANALYSIS CNSLT

Turlock Irrigation District
Check Register
7/19/2022 - 7/19/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414484	\$21,074.30	7/19/2022	35403	STAPLES & ASSOCIATES, INC.	ENERGY EFFICIENCY
414433	\$2,989.00	7/19/2022	38548	MESA ASSOCIATES, INC.	ENGINEERING
414450	\$33.37	7/19/2022	33760	PAPE KENWORTH	EQUIPMENT
414522	\$168.00	7/19/2022	22134	WILLOW CREEK FISHERIES	FLORIDA BASS
414408	\$10,118.75	7/19/2022	37981	HUNT & SONS, INC.	FUEL & LUBRICANTS
414426	\$5,615.44	7/19/2022	25473	GEORGE W. LOWRY, INC.	FUEL/LUBRICANTS
414517	\$14,724.81	7/19/2022	32269	B OF A WIRE-WILD GOOSE STORAGE	GAS STORAGE
414489	\$138.34	7/19/2022	37684	B OF A WIRE-TEP BARNETT USA LLC	GAS WELLS EXPENSE
414473	\$123,167.59	7/19/2022	37059	SIERRA MOUNTAIN CONSTRUCTION, INC.	GENERAL CONSTRUCTION
414474	\$467.50	7/19/2022	37059	SIERRA MOUNTAIN CONSTRUCTION, INC.	GENERAL CONSTRUCTION
414367	\$267.00	7/19/2022	21977	DON'S MOBILE GLASS	GLASS/MIRROR
414374	\$13,530.00	7/19/2022	38877	ENGINEERING SOLUTIONS SERVICES, INC.	GRANT/MGMT SERVICES
414439	\$14,376.53	7/19/2022	37031	NETWORK ENVIRONMENTAL SYSTEMS, INC.	HAZWOPER TRAINING
414413	\$1,691.20	7/19/2022	19948	ITRON, INC	HDW/SFTW SUPPORT/REG
414304	\$6,400.00	7/19/2022	37855	ALLIED RELIABILITY INC.	INFRARED SURVEY
414344	\$296.76	7/19/2022	32106	CHARTER COMMUNICATIONS	INTERNET/CABLE SVCS
414375	\$185.00	7/19/2022	36442	ENVIRONMENT CONTROL	JANITORIAL SERVICE
414373	\$855.80	7/19/2022	38371	B OF A WIRE-ENERGYLINK HOLDINGS, LLC	JIBLINK SERVICES
414361	\$589.15	7/19/2022	11270	CUSTOM LOCKSMITH & ALARM, INC.	KEYS/LOCKS/SERVICE
414499	\$3,078.52	7/19/2022	38879	U.S. PAYMENTS, LLC	KIOSK MACHINES
414391	\$1,508.00	7/19/2022	38549	GRIFFITH MASUDA & HOBBS	LEGAL
414507	\$7,041.21	7/19/2022	39250	VAN DERMYDEN MAKUS LAW CORPORATION	LEGAL SERVICES
414451	\$152,560.12	7/19/2022	39128	B OF A WIRE - PAR WESTERN LINE	LINE CONSTRUCTION
414503	\$57.00	7/19/2022	34429	UNIVERSITY POLICE DEPARTMENT	LIVESCAN FINGERPRINT
414337	\$229.00	7/19/2022	25405	CALIFORNIA RURAL WATER ASSOC	MEMBERSHIP DUES
414495	\$150.00	7/19/2022	20775	TUOLUMNE COUNTY VISITORS	MEMBERSHIP DUES

Turlock Irrigation District
Check Register
7/19/2022 - 7/19/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414431	\$5,181.42	7/19/2022	33118	MEGGER	METER REPAIR/SERVICE
414479	\$3,900.20	7/19/2022	38019	SOUTHWEST POWER POOL, INC	MITIGATION PLAN DUES
414448	\$957.40	7/19/2022	13675	PACIFIC GAS & ELECTRIC	NATURAL GAS SERVICES
414515	\$1,924.50	7/19/2022	35811	WEIDMANN ELECTRICAL TECHNOLOGY INC	OIL ANALYSIS
414471	\$159.00	7/19/2022	37846	SGS NORTH AMERICA, INC.	OIL SAMPLE ANALYSIS
414409	\$3,438.54	7/19/2022	39124	HURON CONSULTING GROUP, INC.	ORACLE CLOUD DESIGN
414445	\$57,740.71	7/19/2022	30472	ONE SOURCE DISTRIBUTORS	PARTS
414481	\$1,446.41	7/19/2022	34502	SPRAYTEC, A SPRAYER SALE CO.	PARTS
414384	\$143.19	7/19/2022	11854	GARTON TRACTOR, INC.	PARTS & EQUIPMENT
414327	\$105.11	7/19/2022	34587	BONANDER BUICK, GMC, INC.	PARTS/REPAIR
414405	\$64.96	7/19/2022	26387	HOLT OF CALIFORNIA	PARTS/REPAIR/EQUIP
414412	\$1,127.63	7/19/2022	24473	INTERSTATE TRUCK CENTER, LLC	PARTS/SERVICES/EQUIP
414419	\$1,003.28	7/19/2022	32827	KIMBALL MIDWEST	PARTS/SHOP
414435	\$1,264.26	7/19/2022	24916	MOTOR PARTS DISTRIBUTORS	PARTS/SHOP
414496	\$575.61	7/19/2022	15091	TURLOCK AUTO PARTS	PARTS/SHOP
414299	\$256.31	7/19/2022	23934	ACME RIGGING & SUPPLY CO INC	PARTS/SUPPLIES
414301	\$42.93	7/19/2022	21686	AGSERV WESTERN SALES INC	PARTS/SUPPLIES
414309	\$1,265.48	7/19/2022	36440	ANIXTER INC.	PARTS/SUPPLIES
414339	\$2,587.51	7/19/2022	31889	CALTROL, INC.	PARTS/SUPPLIES
414378	\$2,853.69	7/19/2022	24240	FASTENAL COMPANY	PARTS/SUPPLIES
414390	\$2,900.03	7/19/2022	16333	W W GRAINGER, INC	PARTS/SUPPLIES
414519	\$16,362.00	7/19/2022	15553	WILLE ELECTRIC SUPPLY CO	PARTS/SUPPLIES
414377	\$2,194.03	7/19/2022	24455	FARWEST LINE SPECIALTIES LLC	PARTS/TOOLS/SUPPLIES
414453	\$36,629.19	7/19/2022	38865	PAYMENTUS CORPORATION	PAYMENT SERVICES
414350	\$1,845.00	7/19/2022	25293	CLARK PEST CONTROL	PEST CONTROL SERVICE
414494	\$9,822.41	7/19/2022	37244	TPX COMMUNICATIONS	PHONE SERVICE

Turlock Irrigation District
Check Register
7/19/2022 - 7/19/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414513	\$43.14	7/19/2022	25294	WATERFORD FARM SUPPLY	PLMBNG/PAINT SUPPLIE
414370	\$311.02	7/19/2022	34679	EL DORADO SEPTIC SERVICE, INC.	PORTABLE RESTROOMS
414501	\$90.09	7/19/2022	38516	UNITED SITE SERVICES OF CALIFORNIA, INC.	PORTABLE RESTROOMS
414457	\$1,513.50	7/19/2022	30896	PITNEY BOWES PURCHASE POWER	POSTAGE LINE OF CRED
414397	\$514.74	7/19/2022	12089	HARDER'S PRINT SHOP	PRINTING SERVICES
414452	\$427.80	7/19/2022	36177	THE PARKS GROUP	PRINTING SERVICES
414520	\$118.66	7/19/2022	34543	WILLEY PRINTING CO.	PRINTING SERVICES
414298	\$187.57	7/19/2022	20254	ABS DIRECT, INC.	PRINTING/MAILING SVC
414396	\$5,116.00	7/19/2022	35572	HANSON BRIDGETT LLP	PROFESSIONAL SERVICE
414313	\$3,067.49	7/19/2022	22587	FRANK S. ARSENIO TRS	PUMP REIMBURSEMENT
414314	\$432.43	7/19/2022	22588	SHERMAN J.& CYNDY ARSENIO	PUMP REIMBURSEMENT
414330	\$4,154.96	7/19/2022	35149	JOHN H & MARIA BRASIL TRS	PUMP REIMBURSEMENT
414358	\$2,560.50	7/19/2022	37883	DEBORAH ANN COSTA	PUMP REIMBURSEMENT
414386	\$2,034.34	7/19/2022	36659	JUSTIN GIOLETTI, ET AL	PUMP REIMBURSEMENT
414514	\$8,246.01	7/19/2022	28641	ARLON WATERSON ET AL	PUMP REIMBURSEMENT
414510	\$43,564.38	7/19/2022	39232	VENADO OPERATING COMPANY LLC	PURCHASE POWER
414319	\$1,020.00	7/19/2022	26428	B OF A WIRE-AVISTA CORP.	PURCHASED POWER
414328	\$27,918.00	7/19/2022	10422	B OF A WIRE-BONNEVILLE POWER	PURCHASED POWER
414338	\$651,387.00	7/19/2022	27796	B OF A WIRE-CALPINE ENERGY	PURCHASED POWER
414345	\$478,962.00	7/19/2022	34016	B OF A WIRE-CITIGROUP ENERGY	PURCHASED POWER
414355	\$255,280.00	7/19/2022	32527	B OF A WIRE-CONSTELLATION NEW	PURCHASED POWER
414434	\$1,475.00	7/19/2022	30411	B OF A WIRE-MORGAN STANLEY	PURCHASED POWER
414449	\$1,539,706.75	7/19/2022	25026	B OF A WIRE-PACIFICORP	PURCHASED POWER
414454	\$19,141.17	7/19/2022	25547	B OF A WIRE-PG & E	PURCHASED POWER
414455	\$79,616.24	7/19/2022	25547	B OF A WIRE-PG & E	PURCHASED POWER
414456	\$208.51	7/19/2022	35264	B OF A WIRE-PG & E	PURCHASED POWER

Turlock Irrigation District
Check Register
7/19/2022 - 7/19/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414458	\$25,698.00	7/19/2022	26155	B OF A WIRE-POWEREX CORP	PURCHASED POWER
414462	\$22,525.00	7/19/2022	27628	B OF A WIRE-PUGET SOUND ENERGY	PURCHASED POWER
414470	\$26,263.88	7/19/2022	27618	B OF A WIRE-SEATTLE CITY LIGHT	PURCHASED POWER
414476	\$421.00	7/19/2022	26438	B OF A WIRE-SMUD	PURCHASED POWER
414486	\$1,700.00	7/19/2022	27951	B OF A WIRE-TACOMA POWER	PURCHASED POWER
414487	\$657,502.51	7/19/2022	18396	B OF A WIRE-TANC	PURCHASED POWER
414300	\$100.00	7/19/2022	S3765	SHENETHA ACTKINSON	REBATE
414308	\$70.00	7/19/2022	S3766	CYRUS AMIRFAR	REBATE
414318	\$500.00	7/19/2022	S3767	J DANIEL AVILA	REBATE
414332	\$35.00	7/19/2022	S3768	GUADALUPE BRIONES	REBATE
414333	\$800.00	7/19/2022	S3769	DANIELLE BROWN	REBATE
414340	\$800.00	7/19/2022	S3770	GABRIELL CANGA	REBATE
414343	\$50.00	7/19/2022	S3771	WILSON CHALABI	REBATE
414356	\$500.00	7/19/2022	S3772	JONATHAN CONTRERAS	REBATE
414365	\$500.00	7/19/2022	S3773	LOUISE DECOUTO	REBATE
414376	\$499.00	7/19/2022	S3507	JOSEF ESHRAGHI	REBATE
414382	\$50.00	7/19/2022	S3774	HORACIO GARCIA	REBATE
414387	\$50.00	7/19/2022	S3775	SHAREIL GIVAGIVOOD	REBATE
414389	\$50.00	7/19/2022	S3776	BLANCA GODINEZ	REBATE
414392	\$35.00	7/19/2022	S3777	GABRIEL GUTIERREZ	REBATE
414393	\$10.00	7/19/2022	S3778	OLIVIA GUTIERREZ	REBATE
414395	\$35.00	7/19/2022	S3779	SUSAN HAMLIN	REBATE
414398	\$300.00	7/19/2022	S3780	ADELITA HAWES	REBATE
414399	\$550.00	7/19/2022	S3781	BAILEY'S HEATING & AIR	REBATE
414401	\$404.00	7/19/2022	39271	MELBA HIBBARD	REBATE
414415	\$35.00	7/19/2022	S3782	EVELICE JIMENEZ	REBATE

Turlock Irrigation District
Check Register
7/19/2022 - 7/19/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414422	\$72.00	7/19/2022	39309	NANCY LEAM	REBATE
414424	\$300.00	7/19/2022	S3783	CARLOS LOPEZ	REBATE
414427	\$35.00	7/19/2022	S3784	JEFF MACK	REBATE
414428	\$35.00	7/19/2022	S3785	MIRIAM MARTINEZ-FRANCO	REBATE
414437	\$35.00	7/19/2022	S3786	ORLANDO NEGRETE	REBATE
414438	\$35.00	7/19/2022	S3787	JESSICA NELSON	REBATE
414446	\$40.00	7/19/2022	S3788	BRAD OYLER	REBATE
414478	\$35.00	7/19/2022	S3789	JENNIFER SOLIS	REBATE
414505	\$50.00	7/19/2022	S3790	JOE VALDOVINOS	REBATE
414506	\$800.00	7/19/2022	S3791	MARIA VALENCIA	REBATE
414509	\$35.00	7/19/2022	S3792	JOHN VARNI	REBATE
414523	\$500.00	7/19/2022	S3793	PHILIP WILTENS	REBATE
414525	\$35.00	7/19/2022	S3794	ANGEL ZAPIEN	REBATE
414432	\$220.00	7/19/2022	13166	MERCED COUNTY RECORDER	RECORDING FEES
414482	\$300.00	7/19/2022	14751	STANISLAUS COUNTY RECORDER	RECORDING FEES
414420	\$3,994.32	7/19/2022	38681	KIRKMAN BECK LLC	RECRUITMENT
414311	\$1,800.00	7/19/2022	38078	ARCA RECYCLING, INC.	RECYCLING PROGRAM
414320	\$200.00	7/19/2022	37539	SHANE AZEVEDO	REIMBURSABLE EXPENSE
414465	\$502.00	7/19/2022	38024	JORIAN REED	REIMBURSABLE EXPENSE
414472	\$200.00	7/19/2022	30921	MIKE SHAVER	REIMBURSEMENT-BOOTS
414388	\$3,747.56	7/19/2022	28732	GLOBAL RENTAL CO., INC.	RENT/MOBILE UTIL EQU
414352	\$574.04	7/19/2022	36723	CLIPPER CONTROLS, INC.	REP FOR ELECTRICAL
414443	\$4,144.85	7/19/2022	31883	OBERLIN FILTER COMPANY	REPAIR PARTS
414490	\$771.32	7/19/2022	38797	TEREX USA, LLC	REPAIRS INSPECTIONS
414423	\$584.33	7/19/2022	36620	LIFT SAFETY	SAFETY ITEMS
414440	\$152.49	7/19/2022	35029	NI SATELLITE INC.	SATELLITE PHONE

Turlock Irrigation District
Check Register
7/19/2022 - 7/19/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414360	\$12,965.34	7/19/2022	38519	CRIMETEK SECURITY, INC.	SECURITY GUARD SVC
414416	\$3,798.02	7/19/2022	38076	JJC SECURITY SYSTEM SOLUTIONS	SECURITY SYST INSTAL
414349	\$440.86	7/19/2022	34302	CITY SIGNS	SIGNAGE
414312	\$93.86	7/19/2022	34780	ARCOS LLC	SOFTWARE
414411	\$463.62	7/19/2022	36201	INLAND BUSINESS SYSTEMS, INC.	SOFTWARE & SUPPORT
414477	\$445,000.00	7/19/2022	38689	SOLAR AQUAGRID LLC	SOLAR OVER CANALS
414303	\$18,578.75	7/19/2022	39224	ALLIANCE TECHNICAL GROUP LLC	SOURCE TESTING
414357	\$112,788.80	7/19/2022	29671	CONTROL COMPONENTS INC.	STEAM SYSTEM MAINT
414306	\$4,097.05	7/19/2022	26168	AMAZON CAPITAL SERVICES	SUPPLIES
414421	\$2,520.70	7/19/2022	38999	LAWSON PRODUCTS, INC	SUPPLIES
414436	\$335.68	7/19/2022	32876	NAPA AUTO AND TRUCK PARTS	SUPPLIES
414464	\$444.70	7/19/2022	14110	RAYCO INDUSTRIAL SUPPLY	SUPPLIES
414302	\$1,778.92	7/19/2022	35379	AIRGAS USA LLC	SUPPLIES/COMPRES GAS
414414	\$533.61	7/19/2022	37517	ITSAVVY, LLC	SUPPLIES/COMPUTER
414394	\$185.72	7/19/2022	12043	HACH COMPANY	SUPPLIES/LABWARE
414406	\$56.35	7/19/2022	22298	THE HOME DEPOT CREDIT SERVICES	SUPPLIES/MATERIALS
414425	\$90.24	7/19/2022	29252	LOWE'S COMPANIES, INC.	SUPPLIES/MATERIALS
414512	\$10.74	7/19/2022	15376	THE WARDEN'S OFFICE, INC.	SUPPLIES/OFFICE
414407	\$48.14	7/19/2022	25663	HUGHSON FARM SUPPLY	SUPPLIES/REPAIR
414372	\$206.12	7/19/2022	24636	EMPIRE SAFETY & SUPPLY	SUPPLIES/SAFETY
414466	\$205.29	7/19/2022	37730	REXEL USA INC	SUPPLIES-ELECTRONICS
414491	\$3,411.60	7/19/2022	38212	THAT CAD GIRL, INC.	SURVEY SOFTWARE
414400	\$2,077.14	7/19/2022	37435	HEDY HOLMES STAFFING SERVICES	TEMP STAFFING SVCS
414463	\$3,582.59	7/19/2022	31804	QUALITROL COMPANY LLC	TEMP. THERMOMETER
414441	\$605.00	7/19/2022	29279	NORTH COAST LABORATORIES, LTD.	TESTING SERVICES
414342	\$375.00	7/19/2022	35784	CB TIRE SERVICES	TIRE SERVICE

Turlock Irrigation District
Check Register
7/19/2022 - 7/19/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414468	\$98.99	7/19/2022	35432	LES SCHWAB TIRES	TIRES
414418	\$166.00	7/19/2022	23666	KELSO'S AUTO WRECKING & TOWING	TOWING SERVICES
414385	\$67,387.72	7/19/2022	25666	GE PROLEC TRANSFORMERS INC.	TRANSFORMERS
414334	\$4,563.00	7/19/2022	33016	BUTTON TRANSPORTATION, INC.	TRANSPORT WASTE WATR
414324	\$3,560.05	7/19/2022	34940	BENT OAK, LLC	TWPA-PRODUCTION RENT
414351	\$8,168.34	7/19/2022	33956	WAYNE & SHIRLEY CLAUSSEN	TWPA-PRODUCTION RENT
414362	\$14,416.91	7/19/2022	33957	DAVENPORT RANCHES, INC.	TWPA-PRODUCTION RENT
414363	\$3,312.54	7/19/2022	35552	LAURI SUZAN DAVENPORT, TRUSTEE	TWPA-PRODUCTION RENT
414366	\$7,107.42	7/19/2022	33960	DEPARTMENT OF NATURAL RESOURCES	TWPA-PRODUCTION RENT
414404	\$1,209.87	7/19/2022	34000	HOCTOR RANCHES, LLC	TWPA-PRODUCTION RENT
414508	\$11,667.58	7/19/2022	33962	ESTATE OF JO ANN VAN HOY	TWPA-PRODUCTION RENT
414521	\$5,279.58	7/19/2022	39239	RAYMOND SHERYL WILLIS ESTATE	TWPA-PRODUCTION RENT
414524	\$40,331.29	7/19/2022	35959	WINDY POINT WLH, LLC	TWPA-PRODUCTION RENT
414323	\$584.58	7/19/2022	38315	B OF A WIRE-BEDROCK ENERGY PARTNERS	TX GAS WELLS
414326	\$4,984.41	7/19/2022	38974	BKV BARNETT, LLC	TX GAS WELLS
414348	\$2,447.63	7/19/2022	11072	CITY OF TURLOCK	UTILITY SERVICES
414346	\$67,654.73	7/19/2022	28816	CITY OF CERES	UTILITY USERS TAX
414347	\$26,580.97	7/19/2022	28817	CITY OF MODESTO	UTILITY USERS TAX
414353	\$3,343.55	7/19/2022	39247	CO-AX VALVES, INC.	VALVE
414475	\$805.61	7/19/2022	14615	SMITH CHEVROLET CADILLAC	VEHICLE REPAIR
414460	\$1,227.40	7/19/2022	36622	PRICE FORD OF TURLOCK	VEHICLES & PARTS
414459	\$125.00	7/19/2022	39236	PRECISION ENVIRO-TECH	WATER ANALYTICS
414516	\$1,207.00	7/19/2022	33787	WESTERN RENEWABLE ENERGY	WREGIS CERTIFICATES
414403	\$141,326.57	7/19/2022	39152	HITACHI ENERGY USA, INC.	XFORMER/FIELD SUPPRT

Turlock Irrigation District
Check Register
7/19/2022 - 7/19/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
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Count: 226 \$12,815,372.03

Total Number of Checks: 228 Total Amount: \$12,988,941.43

Turlock Irrigation District
Revolving Funds Check Register
7/1/2022 - 7/7/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
52701	\$45.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52702	\$144.00	7/1/2022	17670	DON PEDRO REFUND ACCT-CAMPGROUNDS	REFUND
52703	\$536.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52704	\$268.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52705	\$123.00	7/1/2022	17670	DON PEDRO REFUND ACCT-CAMPGROUNDS	REFUND
52706	\$273.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52707	\$93.00	7/1/2022	17670	DON PEDRO REFUND ACCT-CAMPGROUNDS	REFUND
52708	\$268.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52709	\$186.00	7/1/2022	17670	DON PEDRO REFUND ACCT-CAMPGROUNDS	REFUND
52710	\$896.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52711	\$93.00	7/1/2022	17670	DON PEDRO REFUND ACCT-CAMPGROUNDS	REFUND
52712	\$118.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52713	\$246.00	7/1/2022	17670	DON PEDRO REFUND ACCT-CAMPGROUNDS	REFUND
52714	\$88.00	7/1/2022	17670	DON PEDRO REFUND ACCT-CAMPGROUNDS	REFUND
52715	\$8,561.94	7/1/2022	34743	B OF A WIRE-CA ISO	HANA
52716	\$58.00	7/1/2022	17670	DON PEDRO REFUND ACCT-CAMPGROUNDS	REFUND
52717	\$93.00	7/1/2022	17670	DON PEDRO REFUND ACCT-CAMPGROUNDS	REFUND
52718	\$43.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52719	\$168.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52720	\$670.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52721	\$88.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52722	\$258.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52723	\$403.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52724	\$176.00	7/1/2022	17670	DON PEDRO REFUND ACCT-CAMPGROUNDS	REFUND
52725	\$186.00	7/1/2022	17670	DON PEDRO REFUND ACCT-CAMPGROUNDS	REFUND
52726	\$133.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND

Turlock Irrigation District
Revolving Funds Check Register
7/1/2022 - 7/7/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
52727	\$25.00	7/1/2022	17670	DON PEDRO REFUND ACCT-CAMPGROUNDS	REFUND
52728	\$88.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52729	\$123.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52730	\$93.00	7/1/2022	18403	DON PEDRO REFUND ACCT-TRAILERS	REFUND
52731	\$38,979.77	7/6/2022	25665	B OF A WIRE-U.S. BANK TRUST NA	INTEREST ON CP ROLL
52732	\$2,090.83	7/6/2022	39308	MACQUARIE BANK LLC	INTEREST PAYMENT
52733	\$84,502.25	7/7/2022	34743	B OF A WIRE-CA ISO	HANA
Total Number of Checks: 33 Total Amount: \$140,116.79					

Turlock Irrigation District
Check Register
7/12/2022 - 7/12/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
Reimbursement Checks					
414176	\$968,989.75	7/12/2022	17664	DON PEDRO OPERATING ACCOUNT	PRIOR REIMBURSEMENT
414277	\$2,394,854.55	7/12/2022	15018	TID PAYROLL FUND	PRIOR REIMBURSEMENT
414278	\$2,399,762.81	7/12/2022	15023	TID REVOLVING FUND	PRIOR REIMBURSEMENT

Count: 3 \$5,763,607.11

Regular Checks					
414281	\$120.00	7/12/2022	15110	TURLOCK JOURNAL	ADVERTISING
414158	\$45.00	7/12/2022	38845	CASTLE LABS INC.	ANALYTICAL TESTING
414228	\$580.00	7/12/2022	35960	MICROSURVEY SOFTWARE INC.	ANN'L MAINT SUBSCRIP
414174	\$718.84	7/12/2022	23512	DIGI-KEY CORP	BATTERIES/SUPPLIES
414231	\$78.41	7/12/2022	24812	MODESTO BATTERY CO.	BATTERY
414179	\$169.69	7/12/2022	30763	DS WATERS OF AMERICA INC	BOTTLED WATER/EQUIP
414266	\$4,254.82	7/12/2022	22061	SOUTHWIRE	CABLE/WIRE FOR STOCK
414293	\$6,606.36	7/12/2022	35408	WEX BANK	CARD LOCK CREDIT SVC
414271	\$12,741.30	7/12/2022	38297	SUPERIOR POOL PRODUCTS, LLC	CHEMICALS
414207	\$23,812.50	7/12/2022	26184	HYDROCOMP INC.	CLIMATE CHANGE STUDY
414250	\$782.22	7/12/2022	34218	PROVANTAGE CORPORATION	COMPUTER HARD/SOFTWR
414143	\$1,040.58	7/12/2022	36643	AM CONSERVATION GROUP, INC	CONSERVATION EQUIP
414169	\$12,894.50	7/12/2022	25253	DAVIDS ENGINEERING, INC.	CONSULTANT
414195	\$4,151.25	7/12/2022	35739	DAVE L FUNK	CONSULTANT
414286	\$780.00	7/12/2022	34363	UTILITY SYSTEM EFFICIENCIES INC	CONSULTANT
414185	\$5,852.00	7/12/2022	26897	ESCI, INC	CONSULTANT/TRAINING
414151	\$1,020.50	7/12/2022	35536	LAW OFFICES OF SUSIE BERLIN	CONSULTING
414184	\$79,141.93	7/12/2022	38286	ELECTRICAL ADVANTAGE ENGINEERING, INC.	CONSULTING
414267	\$1,139,320.96	7/12/2022	34025	STANTEC CONSULTING SERVICES INC.	CONSULTING

Turlock Irrigation District
Check Register
7/12/2022 - 7/12/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414220	\$470.92	7/12/2022	37968	L2 LIGHTING LLC	CONSULTING-ENERGY EF
414274	\$213,167.12	7/12/2022	31847	TCB INDUSTRIAL, INC.	CONTRACT LABOR
414182	\$922.62	7/12/2022	38543	ECKOH, INC	CREDIT CARD SERVICES
414209	\$596.50	7/12/2022	34390	INTERACTIVE DATA	DATA SERVICES FEE
414191	\$195.51	7/12/2022	11678	FEDERAL EXPRESS CORP.	DELIVERY SERVICE
414283	\$103.74	7/12/2022	15185	UNITED PARCEL SERVICE	DELIVERY SERVICE
414229	\$242.71	7/12/2022	33167	ROBERT MIDDLETON	DMV RENEWAL
414275	\$1,769.82	7/12/2022	29836	TEECO PRODUCTS, INC.	DUOPORT/VALVES
414273	\$9,786.27	7/12/2022	38961	SYNERGY COMPANIES	ELECTRICAL ENGINEER
414237	\$4,697.93	7/12/2022	34958	NORMANDY MACHINE COMPANY, INC.	ELECTRICAL EQUIPMENT
414202	\$912.45	7/12/2022	36936	HERC RENTALS INC.	EQUIP RENTAL/PURCHAS
414242	\$428.12	7/12/2022	33760	PAPE KENWORTH	EQUIPMENT
414296	\$504.84	7/12/2022	28099	WOODY'S	EQUIPMENT
414269	\$5,372.00	7/12/2022	34563	STOCKTON FENCE & MATERIAL COMPANY	FENCE/GATE
414177	\$3,370.01	7/12/2022	37460	DON PEDRO SMI, LP	FUEL/PARTS/SUPPLIES
414233	\$3,444.09	7/12/2022	13314	MOORE QUALITY GALVANIZING INC.	GALVANIZING/FBRCTION
414261	\$4,714.72	7/12/2022	26690	SHIELDS, HARPER & CO.	GASBOY KEYS
414262	\$8,882.50	7/12/2022	37059	SIERRA MOUNTAIN CONSTRUCTION, INC.	GENERAL CONSTRUCTION
414285	\$7,226.25	7/12/2022	34781	USA FLEET SOLUTIONS	GPS UNITS
414265	\$490.57	7/12/2022	35807	SONORA LUMBER COMPANY	HARDWARE
414196	\$325.88	7/12/2022	33344	GARRATT-CALLAHAN COMPANY	HVAC WATER TESTING
414161	\$4,773.75	7/12/2022	33257	CHAMPION INDUSTRIAL CONTRACTORS, INC.	INDUSTRIAL REPAIRS
414140	\$290.00	7/12/2022	38802	AERIAL & CRANE EXPERTS, INC.	INSPECTIONS/TESTING
414292	\$510.00	7/12/2022	38289	WAVE BUSINESS SOLUTIONS, LLC	INTERNET SERVICE
414163	\$225.74	7/12/2022	32106	CHARTER COMMUNICATIONS	INTERNET/CABLE SVCS
414240	\$2,874.30	7/12/2022	32134	PACIFIC MOBILE STRUCTURES, INC.	JOB SITE OFFICE

Turlock Irrigation District
Check Register
7/12/2022 - 7/12/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414200	\$2,429.00	7/12/2022	38549	GRIFFITH MASUDA & HOBBS	LEGAL
414219	\$1,568.00	7/12/2022	38671	EDWARD LOUIS KREISBERG	LEGAL SERVICES
414243	\$2,005.50	7/12/2022	39128	B OF A WIRE - PAR WESTERN LINE	LINE CONSTRUCTION
414204	\$11.16	7/12/2022	16096	HILMAR LUMBER INC	MATERIALS/LUMBER
414193	\$14,504.86	7/12/2022	36737	FIRST DATA MERCHANT SERVICES, LLC	MERCHANT SERVICES
414149	\$2,450.00	7/12/2022	29941	AUTOMATED ENERGY, INC.	METER MONITORING SVC
414232	\$1,415.37	7/12/2022	13283	MODESTO STEEL CO., INC.	PARTS
414239	\$536.61	7/12/2022	30472	ONE SOURCE DISTRIBUTORS	PARTS
414258	\$2,360.56	7/12/2022	14314	SAFE-T-LITE	PARTS
414215	\$953.06	7/12/2022	39222	KEYES TRUCK CENTER	PARTS/EQUIPMENT
414152	\$263.87	7/12/2022	34587	BONANDER BUICK, GMC, INC.	PARTS/REPAIR
414178	\$78,181.29	7/12/2022	32383	DRAKE CONTROLS-WEST, LLC	PARTS/REPAIR
414205	\$155.59	7/12/2022	26387	HOLT OF CALIFORNIA	PARTS/REPAIR/EQUIP
414259	\$387.17	7/12/2022	14317	SAFETY-KLEEN SYSTEMS, INC.	PARTS/SERVICE
414210	\$913.37	7/12/2022	24473	INTERSTATE TRUCK CENTER, LLC	PARTS/SERVICES/EQUIP
414235	\$1,578.00	7/12/2022	24916	MOTOR PARTS DISTRIBUTORS	PARTS/SHOP
414280	\$347.67	7/12/2022	15091	TURLOCK AUTO PARTS	PARTS/SHOP
414137	\$725.85	7/12/2022	23934	ACME RIGGING & SUPPLY CO INC	PARTS/SUPPLIES
414147	\$24,659.11	7/12/2022	36440	ANIXTER INC.	PARTS/SUPPLIES
414190	\$1,634.49	7/12/2022	24240	FASTENAL COMPANY	PARTS/SUPPLIES
414199	\$613.76	7/12/2022	16333	W W GRAINGER, INC	PARTS/SUPPLIES
414208	\$1,726.16	7/12/2022	18865	INDEPENDENT ELECTRIC SUPPLY	PARTS/SUPPLIES
414189	\$469.26	7/12/2022	24455	FARWEST LINE SPECIALTIES LLC	PARTS/TOOLS/SUPPLIES
414142	\$2,043.89	7/12/2022	10138	ALTEC INDUSTRIES, INC	PARTS/VEHICLES/SVC
414245	\$1,124.00	7/12/2022	38954	PATTERSON FAMILY PHARMACY	PAY STATION
414251	\$153.00	7/12/2022	38491	PTS COMMUNICATIONS, INC.	PAYPHONE REPAIR-DPRA

Turlock Irrigation District
Check Register
7/12/2022 - 7/12/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414157	\$41.75	7/12/2022	32828	CARRANZA PHARMACY #2	PAYSTATION
414173	\$69.25	7/12/2022	11379	DENAIR COMMUNITY SERVICE	PAYSTATION
414188	\$47.50	7/12/2022	18377	FARMERS & MERCHANTS BANK	PAYSTATION
414223	\$58.00	7/12/2022	27410	LIBERTY MARKET	PAYSTATION
414187	\$8.00	7/12/2022	38958	FAMILIA FARMACIA	PAYSTATION SERVICES
414139	\$50.00	7/12/2022	29310	ADK PERMIT SERVICES, INC.	PERMITS-TRUCK/CRANE
414287	\$3,095.04	7/12/2022	25083	VAN DE POL ENTERPRISES, INC.	PETROLEUM PRODUCTS
414282	\$398.00	7/12/2022	27962	U.S. POSTAL SERVICE	PO BOX ANNUAL FEES
414284	\$149.07	7/12/2022	38516	UNITED SITE SERVICES OF CALIFORNIA, INC.	PORTABLE RESTROOMS
414244	\$2,069.80	7/12/2022	36177	THE PARKS GROUP	PRINTING SERVICES
414154	\$1,417.50	7/12/2022	33992	BRAUN BLAISING SMITH WYNNE	PROFESSIONAL SERVICE
414180	\$14,935.00	7/12/2022	11498	DUNCAN & ALLEN	PROFESSIONAL SERVICE
414248	\$18,379.98	7/12/2022	21884	POWER ENGINEERS, INC.	PROFESSIONAL SERVICE
414148	\$73,072.77	7/12/2022	39245	ATLAS HYDROPOWER ENGINEERING INC	PROFESSIONAL/PROJ SV
414290	\$266.52	7/12/2022	32437	WARD PROMOTIONAL MARKETING	PROMO ITEMS
414246	\$1,502.10	7/12/2022	25547	B OF A WIRE-PG & E	PURCHASED POWER
414289	\$57,714.15	7/12/2022	15336	B OF A WIRE-WAPA	PURCHASED POWER
414138	\$800.00	7/12/2022	S3746	NAHERA ADAMS	REBATE
414141	\$500.00	7/12/2022	S3747	TOMAS ALLEN	REBATE
414150	\$200.00	7/12/2022	S3748	DIANIA BARKER	REBATE
414155	\$217.24	7/12/2022	S3749	MICHAEL BROOKS	REBATE
414168	\$1,200.00	7/12/2022	S3750	JOSE CUEVAS	REBATE
414170	\$200.00	7/12/2022	S3751	ROBERT DE BOS	REBATE
414181	\$200.00	7/12/2022	S3752	JAIME DUNN	REBATE
414183	\$50.00	7/12/2022	S3753	CORRINA EGGLESTON	REBATE
414192	\$200.00	7/12/2022	S3754	ROBERT FERNANDES	REBATE

Turlock Irrigation District
Check Register
7/12/2022 - 7/12/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414212	\$500.00	7/12/2022	S3755	FABIAN JIMENEZ	REBATE
414225	\$50.00	7/12/2022	S3756	MARIA MARISCAL	REBATE
414236	\$550.00	7/12/2022	S3757	TIA NANCE	REBATE
414241	\$50.00	7/12/2022	S3758	MARTIN PADILLA	REBATE
414252	\$250.00	7/12/2022	S3759	BULMARO RAMIREZ	REBATE
414257	\$500.00	7/12/2022	S3760	ERIKA RUANO	REBATE
414263	\$292.00	7/12/2022	S3738	GRANT SILVA	REBATE
414276	\$800.00	7/12/2022	S3761	ATORINA THOMAS	REBATE
414279	\$35.00	7/12/2022	S3762	JEAN-LOUIS TRESTANT	REBATE
414288	\$500.00	7/12/2022	S3763	MONICA WALTERS	REBATE
414295	\$800.00	7/12/2022	S3764	KEECHA WILLIAMS	REBATE
414217	\$1,062.32	7/12/2022	38681	KIRKMAN BECK LLC	RECRUITMENT
414162	\$29,821.00	7/12/2022	28104	CHARTER COMMUNICATIONS OPERATING LLC	REFUND
414268	\$688.92	7/12/2022	33506	STATE OF CALIFORNIA	REFUND
414234	\$1,170.09	7/12/2022	26701	MOTION INDUSTRIES, INC.	REGISTRATION
414146	\$496.86	7/12/2022	38114	CONSTANCE ANDERSON	REIMBURSABLE EXPENSE
414197	\$208.18	7/12/2022	32621	MANJOT GILL	REIMBURSABLE EXPENSE
414198	\$87.08	7/12/2022	31094	BRANNON GOMES	REIMBURSABLE EXPENSE
414206	\$50.00	7/12/2022	29997	CHRISTIAN F HOOPER	REIMBURSABLE EXPENSE
414216	\$1,001.60	7/12/2022	38655	KEVIN KIMBRO	REIMBURSABLE EXPENSE
414218	\$117.80	7/12/2022	34764	BRAD KOEHN	REIMBURSABLE EXPENSE
414221	\$140.98	7/12/2022	34829	NICOLE LANGE	REIMBURSABLE EXPENSE
414227	\$754.95	7/12/2022	33206	PETER MENSONIDES	REIMBURSABLE EXPENSE
414254	\$56.12	7/12/2022	38440	RYAN REIS	REIMBURSABLE EXPENSE
414260	\$93.14	7/12/2022	32428	DAN SEVERSON	REIMBURSABLE EXPENSE
414264	\$250.00	7/12/2022	38009	GURPIAR SINGH	REIMBURSABLE EXPENSE

Turlock Irrigation District
Check Register
7/12/2022 - 7/12/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414270	\$841.07	7/12/2022	37763	BRIAN STUBBERT	REIMBURSABLE EXPENSE
414294	\$250.00	7/12/2022	34444	JOHN WIESER	REIMBURSABLE EXPENSE
414226	\$250.00	7/12/2022	36014	MICHAEL MCKINSEY	REIMBURSEMENT-BOOTS
414247	\$211.82	7/12/2022	13864	PITNEY BOWES INC	RENTAL FEES/SUPPLIES
414253	\$23,514.50	7/12/2022	34766	RANK INVESTIGATIONS AND PROTECTION, INC.	SECURITY SERVICES
414213	\$3,157.73	7/12/2022	38076	JJC SECURITY SYSTEM SOLUTIONS	SECURITY SYST INSTAL
414238	\$3,362.26	7/12/2022	34473	O.C. TANNER RECOGNITION CO.	SERVICE AWARDS
414153	\$44,484.93	7/12/2022	38856	STAN BOYETT & SON, INC.	SITE INSPECTION
414186	\$15,085.72	7/12/2022	38815	ENGHOUSE NETWORKS (US) INC.	SOFTWARE MAINTENANCE
414175	\$17,388.00	7/12/2022	37994	DOCUSIGN, INC.	SOFTWR ELECT SIGNING
414144	\$2,092.62	7/12/2022	26168	AMAZON CAPITAL SERVICES	SUPPLIES
414222	\$2,318.68	7/12/2022	38999	LAWSON PRODUCTS, INC	SUPPLIES
414211	\$51.75	7/12/2022	37517	ITSAVVY, LLC	SUPPLIES/COMPUTER
414172	\$13,730.40	7/12/2022	26311	DELL MARKETING L.P.	SUPPLIES/COMPUTERS
414214	\$23,185.61	7/12/2022	12588	JORGENSEN & SONS, INC.	SUPPLIES/FIRE EXT SV
414160	\$1,046.71	7/12/2022	10999	CENTRAL SUPPLY CO INC	SUPPLIES/JANITORIAL
414224	\$1,221.77	7/12/2022	29252	LOWE'S COMPANIES, INC.	SUPPLIES/MATERIALS
414291	\$238.63	7/12/2022	15376	THE WARDEN'S OFFICE, INC.	SUPPLIES/OFFICE
414255	\$289.28	7/12/2022	37730	REXEL USA INC	SUPPLIES-ELECTRONICS
414256	\$4,109.42	7/12/2022	37730	REXEL USA INC	SUPPLIES-ELECTRONICS
414201	\$1,736.60	7/12/2022	37435	HEDY HOLMES STAFFING SERVICES	TEMP STAFFING SVCS
414156	\$60.00	7/12/2022	21886	BURLINGTON SAFETY LAB INC.	TESTING OSHA/SUPPLY
414159	\$190.00	7/12/2022	35784	CB TIRE SERVICES	TIRE SERVICE
414194	\$1,228.31	7/12/2022	26621	FRESNO OXYGEN	TOOLS/COMPRESSIO GAS
414297	\$192,397.70	7/12/2022	38252	WRIGHT TREE SERVICE OF THE WEST, INC.	TREE TRIMMING
414165	\$5,772.45	7/12/2022	37432	CINTAS CORPORATION	UNIFORM SERVICES

Turlock Irrigation District
Check Register
7/12/2022 - 7/12/2022

Check Number	Check Amount	Check Date	Vendor No.	Vendor Name	Product/Service
414230	\$1,123.36	7/12/2022	13250	MISSION UNIFORM SERVICE	UNIFORM/RUG SRVC
414171	\$77.38	7/12/2022	22812	DELHI COUNTY WATER DISTRICT	UTILITIES/WATER SVC
414166	\$36.83	7/12/2022	11070	CITY OF MODESTO	UTILITY SERVICES
414167	\$5,072.26	7/12/2022	11072	CITY OF TURLOCK	UTILITY SERVICES
414203	\$21.49	7/12/2022	16568	HILMAR COUNTY WATER DISTRICT	UTILITY-AUGUST SUB
414249	\$193.64	7/12/2022	36622	PRICE FORD OF TURLOCK	VEHICLES & PARTS
414272	\$995.00	7/12/2022	38494	SWAGIT PRODUCTIONS, LLC	VIDEO STREAMING
414145	\$300.00	7/12/2022	37026	AMERICANEAGLE COMPUTER PRODUCTS, INC	WEBSITE REDESIGN/MNT

Count: 157 \$2,296,823.45

Total Number of Checks: 160 Total Amount: \$8,060,430.56

**MOTION CANCELING THE TURLOCK IRRIGATION DISTRICT
REGULAR BOARD MEETING OF JULY 26, 2022**

Moved by Director , seconded by Director , that the regular meeting of the Board of Directors of the Turlock Irrigation District scheduled for July 26, 2022, be canceled.

The President declared the motion _____.

I, Tami Wallenburg, Executive Secretary to the Board of Directors of the TURLOCK IRRIGATION DISTRICT, do hereby CERTIFY that the foregoing is a full, true and correct copy of a motion duly adopted at a regular meeting of said Board of Directors held the 19th day of July, 2022.

Executive Secretary to the Board of
Directors of the Turlock Irrigation District

BOARD AGENDA REPORT

Board Meeting Date: 7/19/22

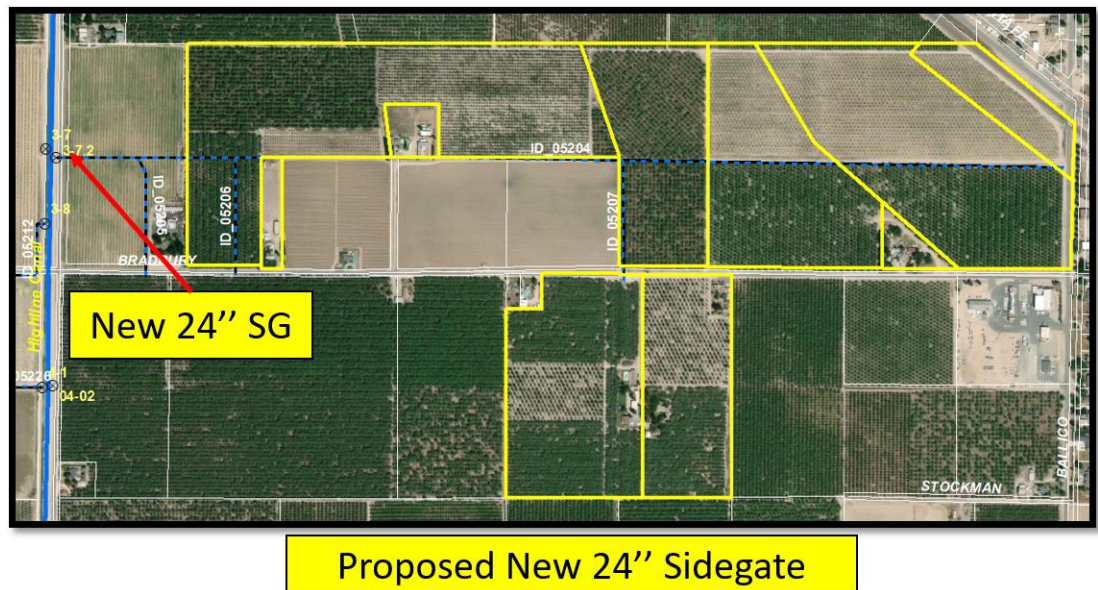
Date:

Subject: Sidegate request from Jose Perez

Administration: Water Resources Administration

Recommended Action: Approve request of Jose Perez for installation of a 24-inch sidegate in the Highline canal.

Background and Discussion: The proposed new sidegate will convey water to an existing improvement district (ID 52040) serving 160.2 total acres on 10 parcels. The purpose of this sidegate is to make it possible for the customer to install a rotating screen for aquatic weed control in front of the new gate. The existing sidegate (HL 03-07.2) isn't configured in a way that would allow the screen to be mounted. Water Distribution, Civil Engineering and Construction & Maintenance staff has investigated the new sidegate request and found it to be compatible with water delivery operations. Therefore it is recommended that the Board of Directors approve this sidegate request.

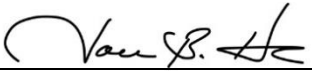



Alternative(s) Alternative: None

Pros and Cons:
Pros:
Cons:

Additional Information: n/a

Fiscal Impact: All future maintenance costs of the new sidegate after 1 year are taken over by TID.

Presenter Signature	Dept. Manager Signature	AGM Signature
	<i>Mike Kavarian</i>	
Name:	Name: Mike Kavarian	Name: Tou B. Her
Date Signed:	Date Signed: 07/12/2022	Date Signed: 07/12/2022

GM/COO Signature

Name: Michelle Reimers
Date Signed: 7/13/2022

**MOTION APPROVING APPLICATION FOR
INSTALLATION OF A 24-INCH SIDEGATE
IN THE HIGHLINE CANAL BY JOSE PEREZ**

Moved by Director _____, seconded by Director _____, that the application of Jose Perez for installation of one 24-inch sidegate in Turlock Irrigation District's Highline canal be approved.

The President declared the motion _____.

I, Tami Wallenburg, Executive Secretary to the Board of Directors of the TURLOCK IRRIGATION DISTRICT, do hereby CERTIFY that the foregoing is a full, true and correct copy of a motion duly adopted at a regular meeting of the Board of Directors held the 19th day of July, 2022.

Executive Secretary to the Board of
Directors of the Turlock Irrigation District



BOARD AGENDA REPORT

Board Meeting Date:	July 19, 2022
Subject:	Quarterly Treasurer's Report as required by California Law
Administration:	Financial Services
Recommended Action:	Consider approval of motion accepting the Treasurer's Report of the District's Investment Portfolio and Summary of Investment Activity.
Background and Discussion:	In accordance with the California Government Code, and other applicable laws, attached is the District's Investment Portfolio as managed by Public Financial Management, Inc. (PFM) as of June 30, 2022; held by custodians on behalf of the District, transactions that occurred during the second quarter, the credit rating of the instruments held and other data. All investments are of high quality. The Investment Portfolio is in full compliance with the California Government Code, which has been incorporated into the District's Investment Policy dated January 25, 2022.
Alternative(s) Pros and Cons:	Alternative: Pros: The District is required by California Government Code to report investment activity quarterly. Cons:
Additional Information:	Also attached is PFM's narrative summary of investment activity for the second quarter of 2022 for your review and information.
Fiscal Impact:	Based on my review of the portfolio, and TID operations, it is my opinion that the District has sufficient liquidity to meet budgeted expenditures for the next six months.

Presenter Signature	Dept. Manager Signature	AGM Signature
<i>Brian Stubbert</i>		<i>Brian Stubbert</i>
Name: Brian Stubbert	Name:	Name: Brian Stubbert
Date Signed: 7/12/22	Date Signed:	Date Signed: 7/12/22

GM/COO Signature
<i>Michelle Reimers</i>
Name: Michelle Reimers
Date Signed: 7/13/2022

**MOTION APPROVING TREASURER’S REPORT
ON TURLOCK IRRIGATION DISTRICT’S
INVESTMENT PORTFOLIO AND SUMMARY OF INVESTMENT ACTIVITY**

Moved by Director _____, seconded by Director _____, that the Investment Portfolio dated June 30, 2022 which was prepared by Public Financial Management, Inc. for the Turlock Irrigation District (District) and reviewed by the Board of Directors be hereby accepted, and that the Board of Directors hereby acknowledges the opinion of Treasurer Brian Stubbart, confirming the Investment Portfolio is in compliance with the District’s Investment Policy and verifying the District has the ability to meet budgeted expenditures for the next six months.

The President declared the motion _____.

I, Tami Wallenburg, Executive Secretary to the Board of Directors of the TURLOCK IRRIGATION DISTRICT, do hereby CERTIFY that the foregoing is a full, true and correct copy of a motion duly adopted at a regular meeting of said Board of Directors held the 19th day of June, 2022.

Executive Secretary to the Board of
Directors of the Turlock Irrigation District



TURLOCK IRRIGATION DISTRICT

Investment Performance Review For the Quarter Ended June 30, 2022

Client Management Team

Monique Spyke, Managing Director

PFM Asset Management LLC

1 California Street Ste. 1000
San Francisco, CA 94111-5411
415-393-7270

213 Market Street
Harrisburg, PA 17101-2141
717-232-2723

NOT FDIC INSURED : NO BANK GUARANTEE : MAY LOSE VALUE

For Institutional Investor or Investment Professional Use Only - This material is not for inspection by, distribution to, or quotation to the general public

Agenda

- Market Update
- Account Summary
- Portfolio Review

Market Update

Current Market Themes



- ▶ The U.S. economy is characterized by:
 - ▶ High inflation
 - ▶ A strong labor market
 - ▶ Depressed consumer confidence
 - ▶ Growing potential for economic recession



- ▶ The Federal Reserve is tightening monetary policy
 - ▶ More aggressive rate hikes to battle persistent inflation
 - ▶ Short-term fed funds rate projected to reach 3.25% to 3.75% by year-end
 - ▶ Start of balance sheet reduction; pace to double beginning in September

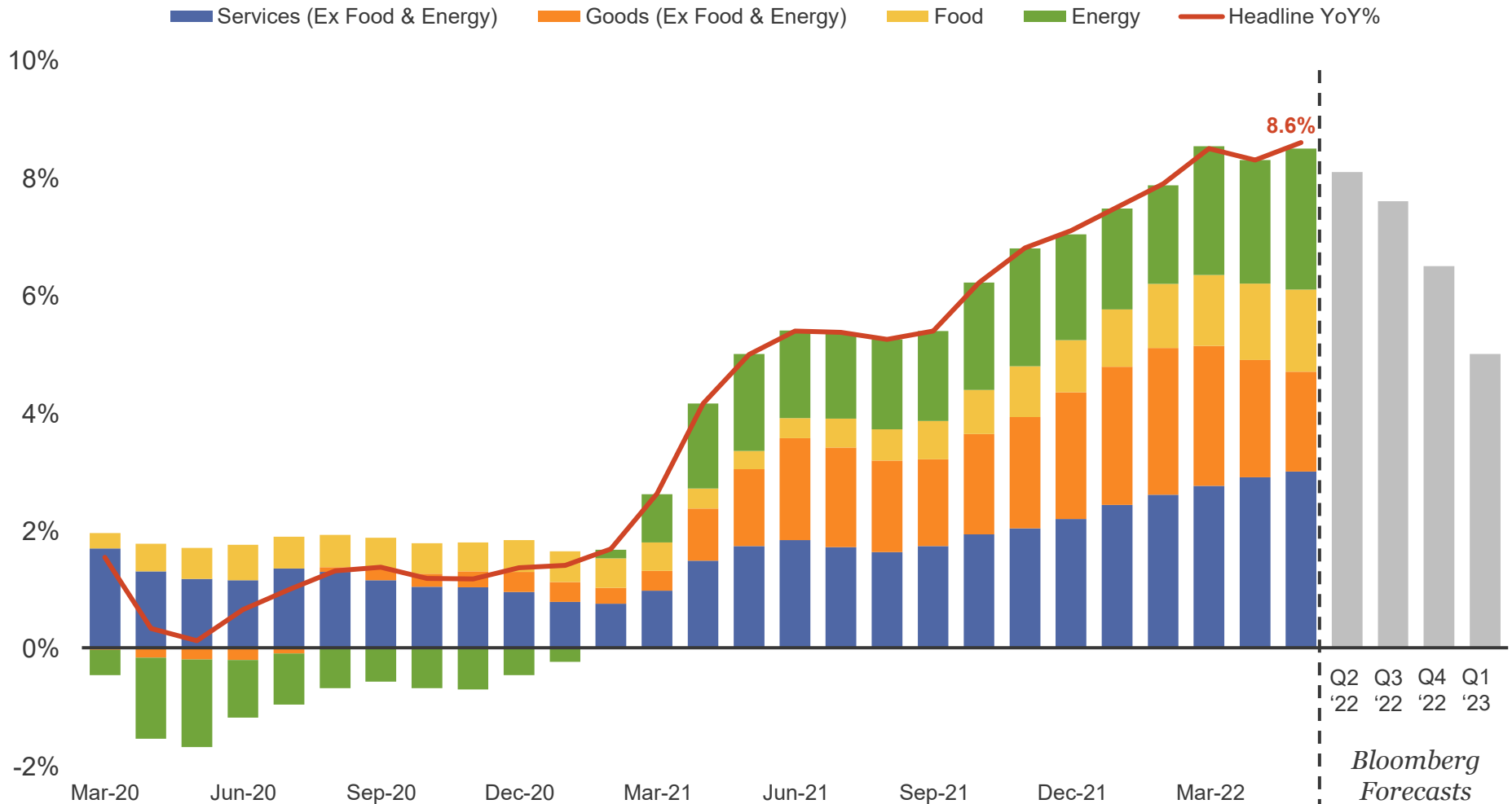


- ▶ Asset prices have fallen sharply in 2022 as a result of:
 - ▶ The impact of higher rates on bond prices and equity valuations
 - ▶ Wider credit spreads
 - ▶ High commodity prices, rising labor costs, and the continuing conflict in Ukraine
 - ▶ High levels of volatility and uncertainty

U.S. Inflation Hit a New Four-Decade High in May

Consumer Prices (CPI)

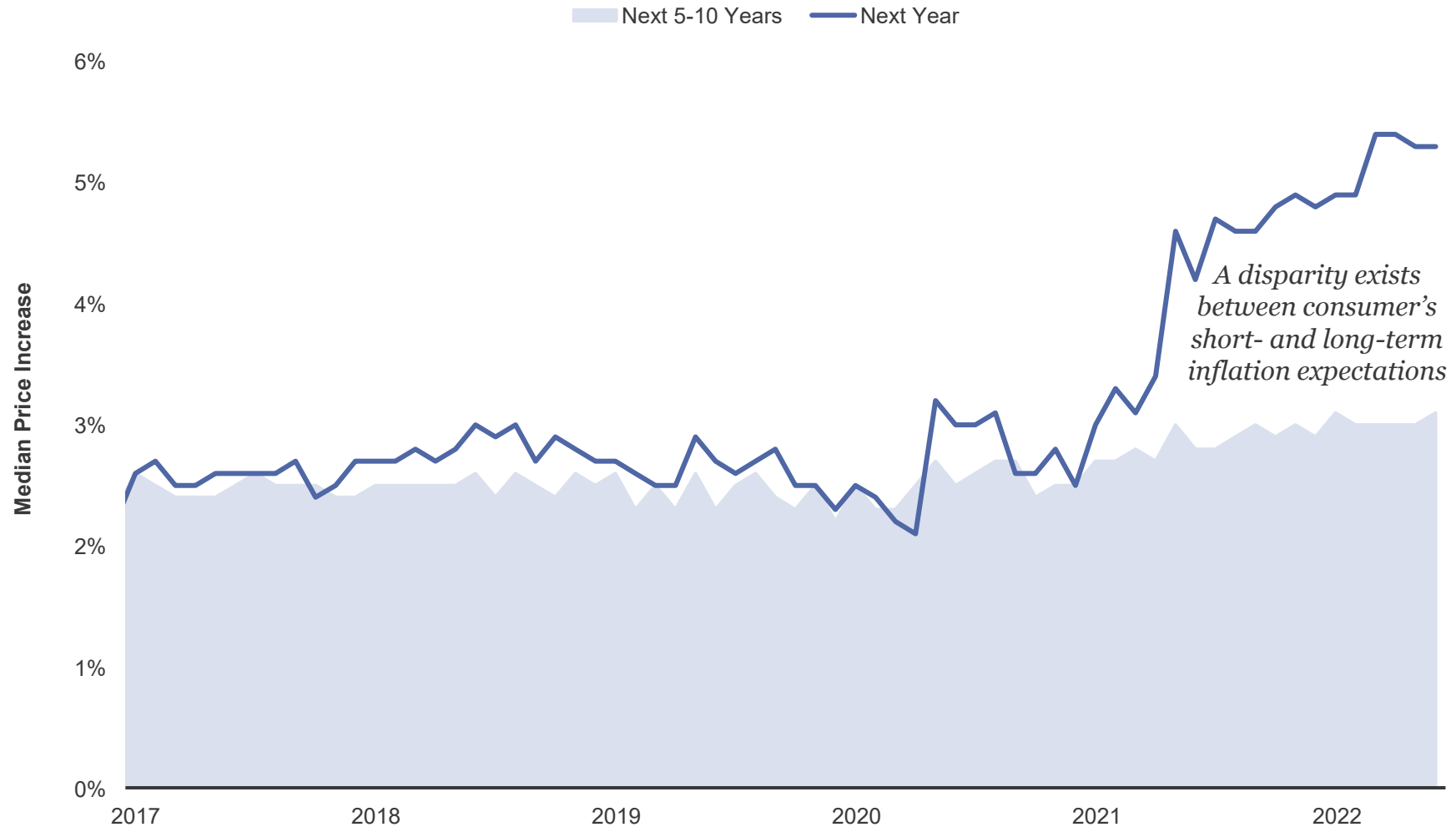
Top-Line Contributions and Year-over-Year Reading



Source: Bloomberg, as of May 2022.

Consumers Expect High Inflation in the Near Term, but Moderation Longer Term

University of Michigan Survey of Consumers Expected Change in Prices

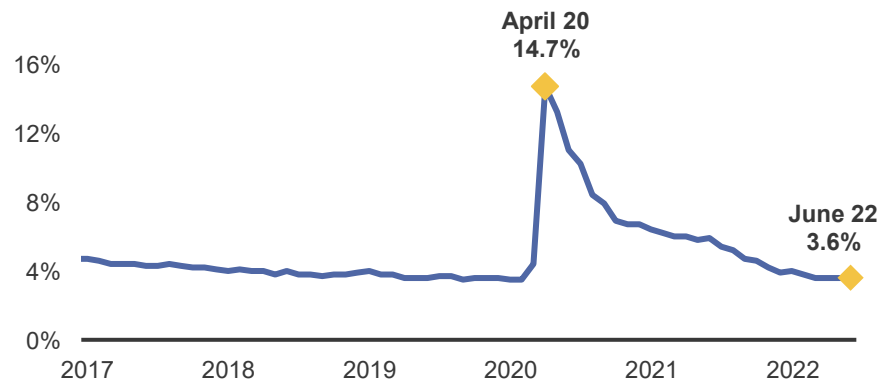


Source: Bloomberg, as of June 2022.

Strong Labor Market and Spending Provide Momentum Against Signs of Economic Slowing

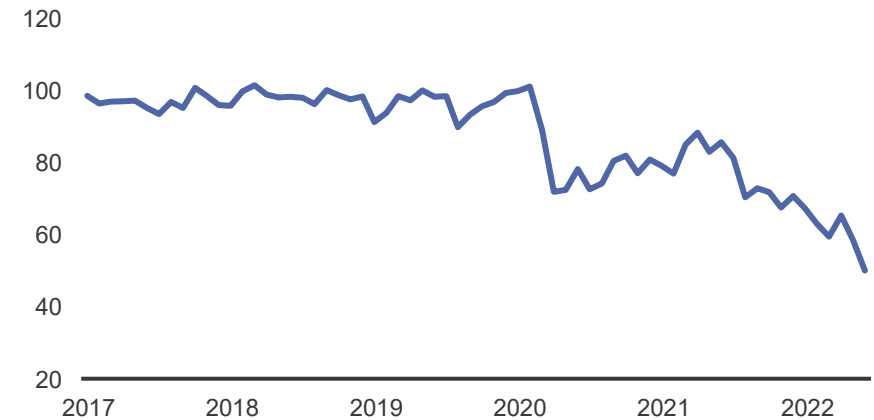
Tailwinds

U.S. Unemployment Rate

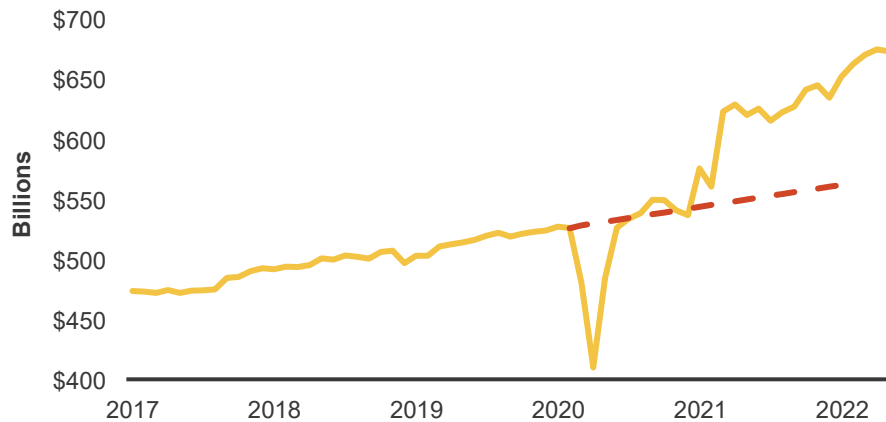


Headwinds

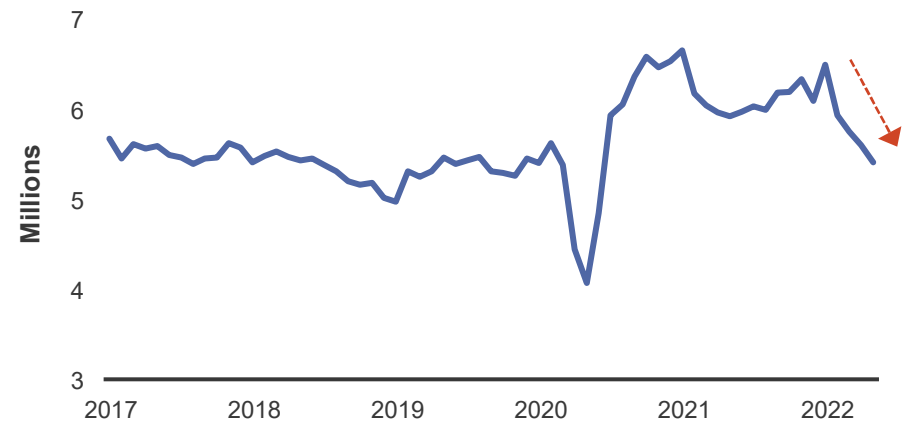
Index of Consumer Sentiment



Retail Sales (Monthly)



Existing Home Sales



Source: Bloomberg, as of June 2022.

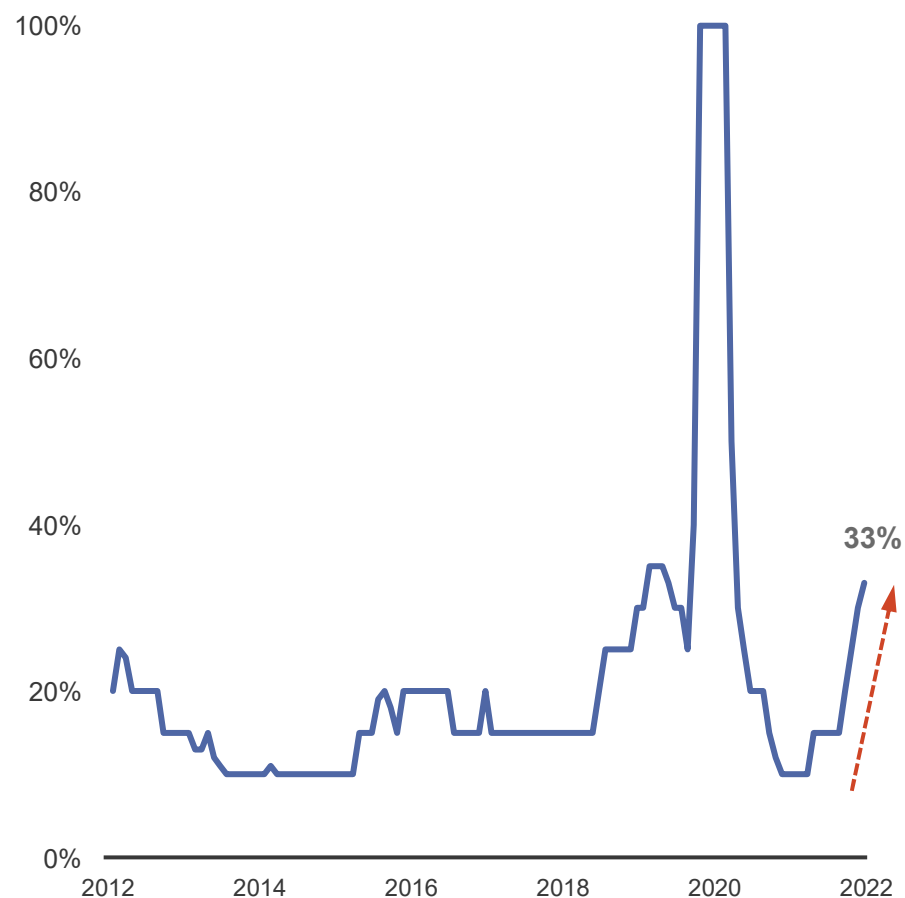
Uncertainty Grows Around Economic Outlook

GDP Contributors

	Q2 2021	Q3 2021	Q4 2021	Q1 2022
U.S. Real GDP	6.7%	2.3%	6.9%	-1.6%
<i>Personal Consumption</i>	7.9%	1.4%	1.8%	1.2%
<i>Fixed Investment</i>	0.6%	-0.2%	0.5%	1.3%
<i>Private Inventories</i>	-1.3%	2.2%	5.3%	-0.4%
<i>Net Exports</i>	-0.2%	-1.3%	-0.2%	-3.2%
<i>Gov't Expenditures</i>	-0.3%	0.2%	-0.5%	-0.5%

Following a negative Q1 reading, economists expect positive yet decelerating growth amid an increasingly cautious consumer

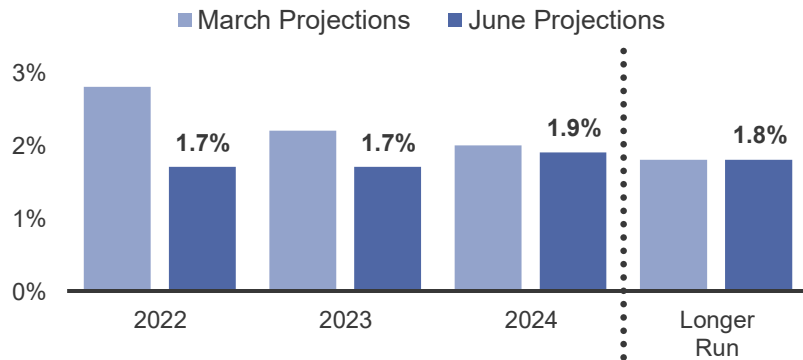
U.S. 1-Year Recession Probability (Bloomberg Median Economist Forecast)



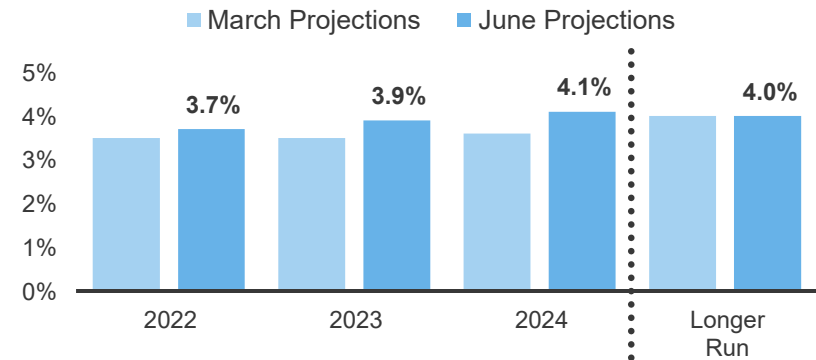
Source: Bloomberg, as of June 2022.

Fed's Updated Projections Show More Expected Inflation, Lower Growth

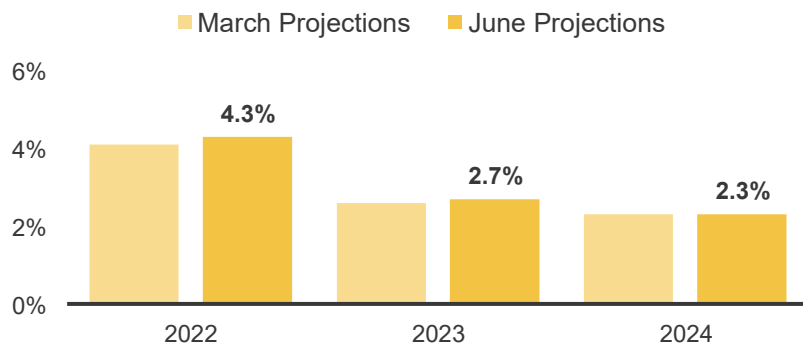
Change in Real GDP



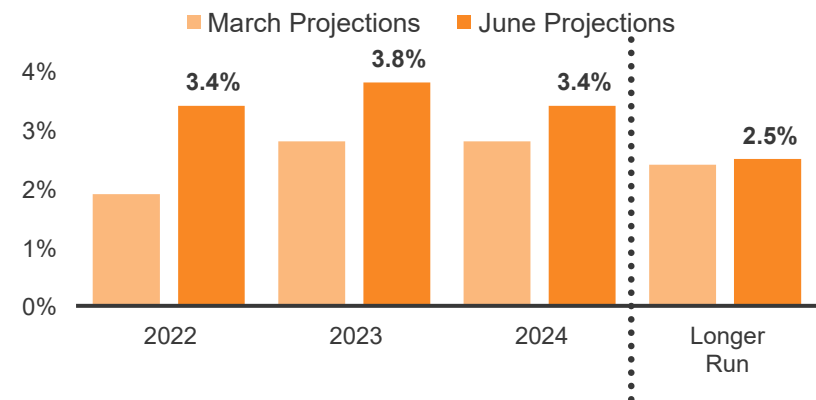
Unemployment Rate



Core PCE Inflation



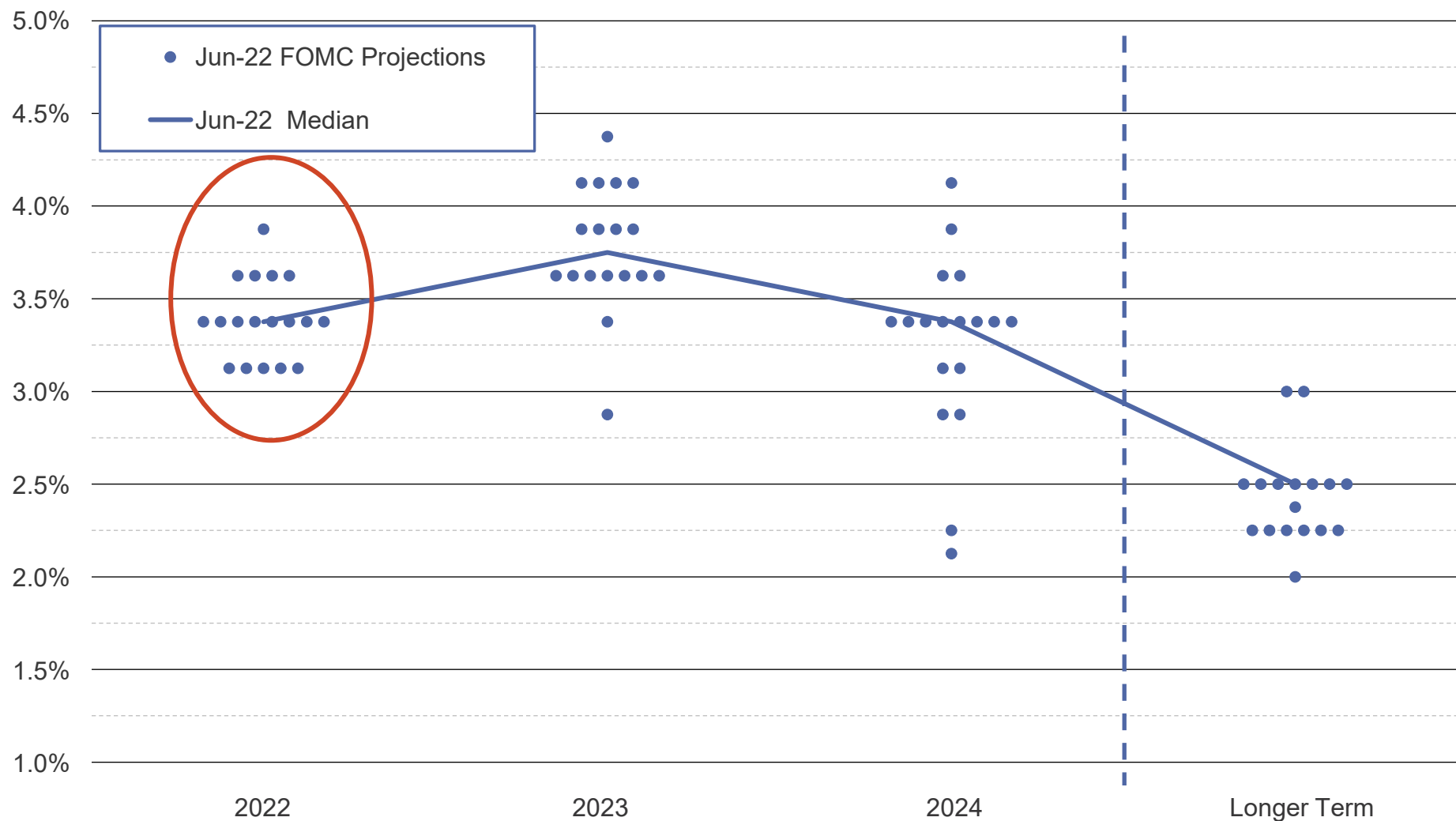
Federal Funds Rate



Source: Federal Reserve, latest economic projections as of June 2022.

Federal Reserve Officials Project 1.75% More in Rate Hikes in 2022

Fed Participants' Assessments of 'Appropriate' Monetary Policy



Source: Federal Reserve and Bloomberg. Individual dots represent each Fed members' judgement of the midpoint of the appropriate target range for the federal funds rate at each year-end.

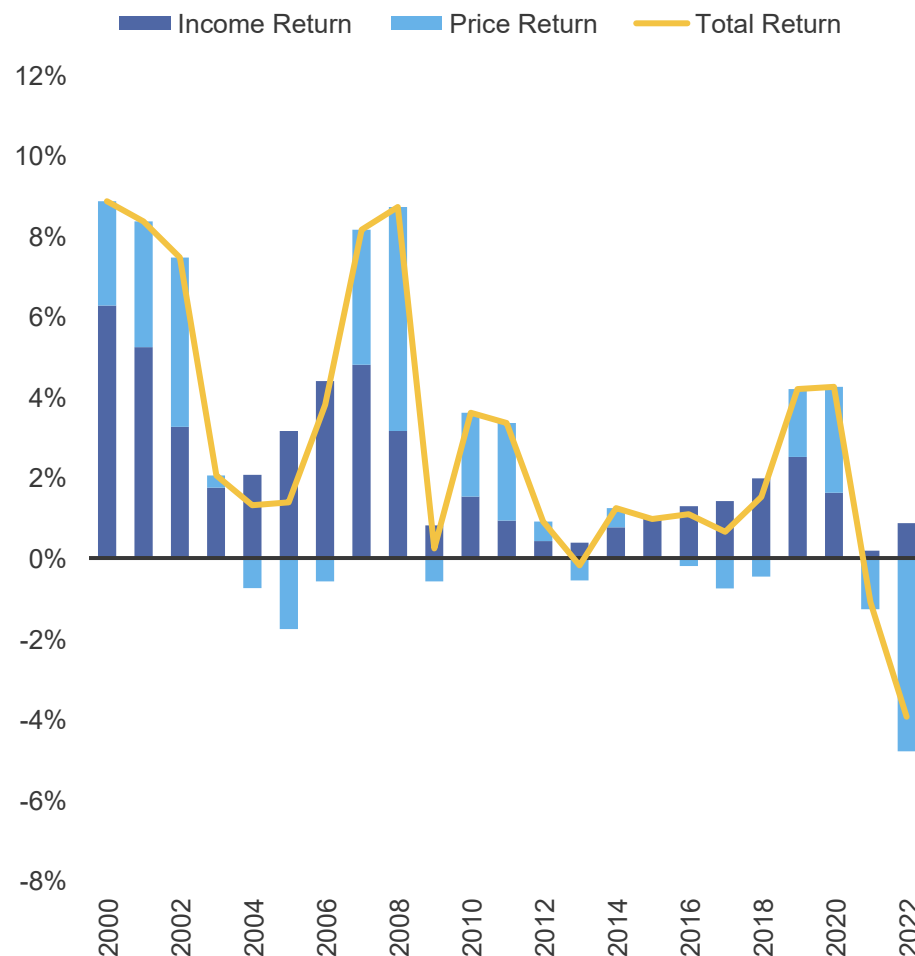
Surging Yields Give Back Pandemic Gains

ICE BofA 1-5 Year Treasury Index

Growth of \$100
(1/1/2000 - 6/30/2022)



Annual Price & Income Returns

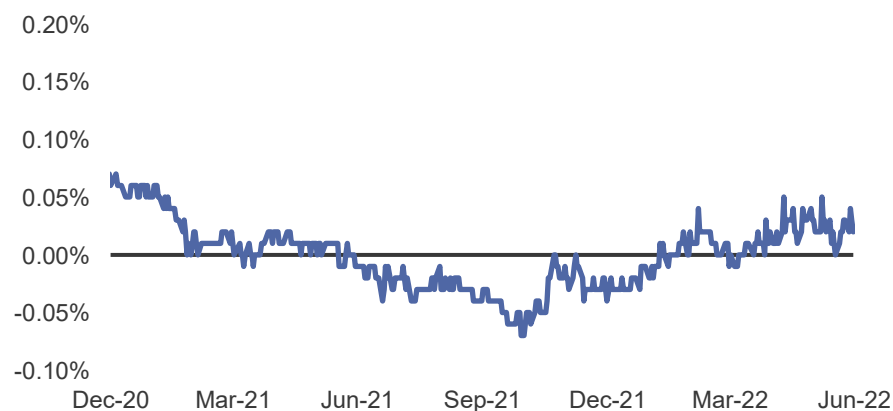


Source: ICE BofAML Indices via Bloomberg, as of 6/30/2022; PFMAM calculations. 2022 Price, income, and total return is YTD as of 6/30/2022.

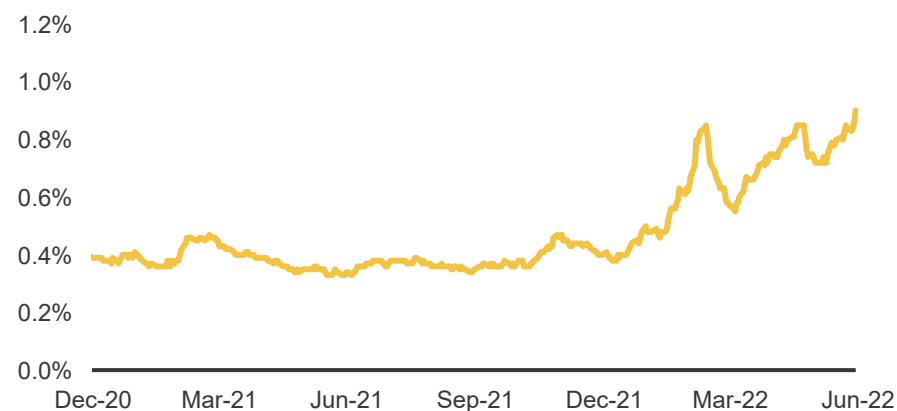
Sector Yield Spreads Widened in Q2 2022

1-5 Year Indices

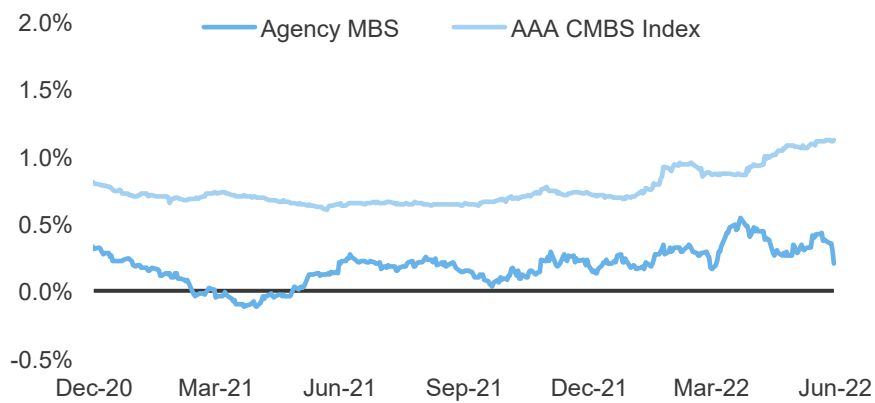
Federal Agency Yield Spreads



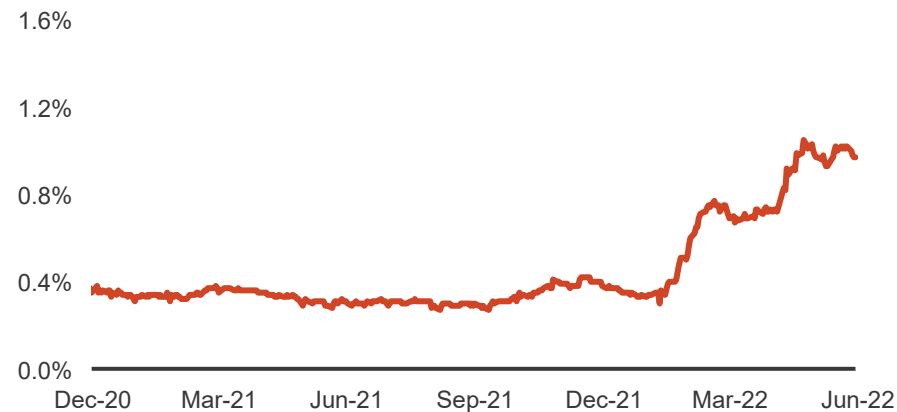
Corporate Notes A-AAA Yield Spreads



Mortgage-Backed Securities Yield Spreads



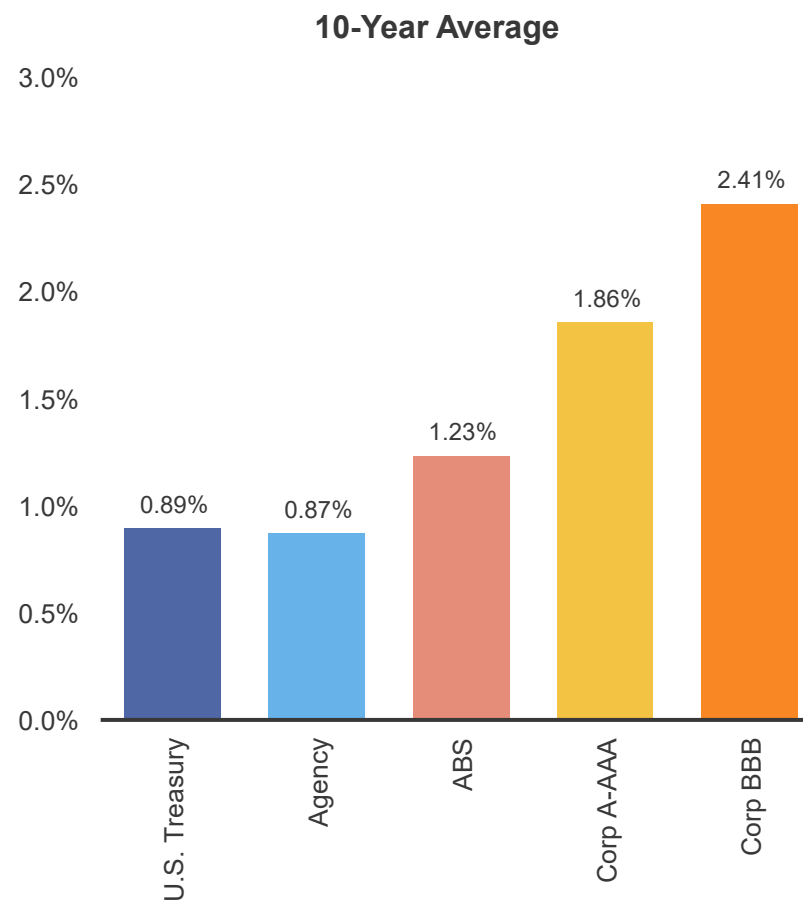
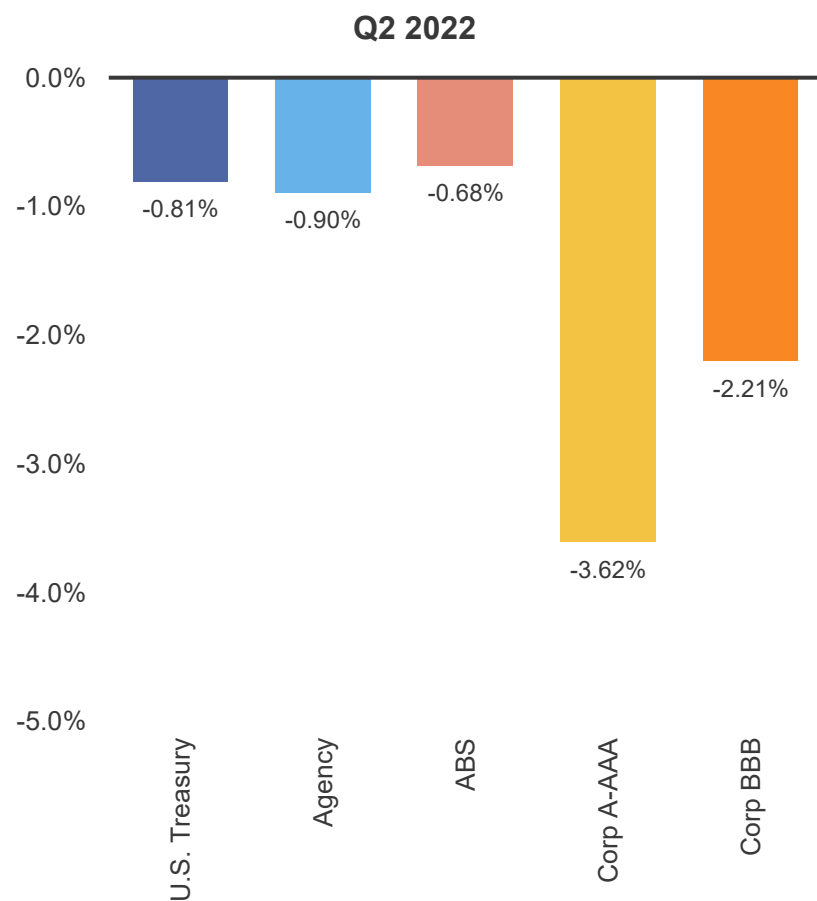
Asset-Backed Securities AAA Yield Spreads



Source: ICE BofAML 1-5 year Indices via Bloomberg, MarketAxess, and PFMAM as of 6/30/2022. Spreads on ABS and MBS are option-adjusted spreads of 0-5 year indices based on weighted average life; spreads on agencies are relative to comparable maturity Treasuries. CMBS is Commercial Mortgage-Backed Securities.

Rising Rates and Wider Spreads Hurt Fixed-Income Returns in Q2 2022

1-5 Year Indices



Source: ICE BofAML Indices. ABS indices are 0-5 year, based on weighted average life. As of 6/30/2022.

Fixed-Income Sector Commentary – 2Q 2022

- ▶ **U.S. Treasury** securities posted negative returns for more than two quarters. Yields continued to move higher on surging inflation data and expectations for aggressive Fed rate hikes over the course of 2022.
- ▶ The **Federal Agency** sector generated modest incremental returns over Treasuries in Q2 but continue to offer narrow yield spreads and limited value.
- ▶ **Supranational** spreads are elevated for shorter maturities but remained historically tight further out the curve. Issuance has been relatively light year-to-date which has helped keep downward pressure on yield spreads.
- ▶ Investment grade **Corporates** appear to have priced in a recession on the horizon; however, fundamentals and ratings are expected to stabilize while also carrying a low default rate. Yield spreads have been driven wider to historically attractive levels as uncertainties persist.
- ▶ **Asset-Backed** yield spreads widened after a volatile start to the year. Some measures of collateral performance are trending worse, but overall are in a good position from a historical perspective and remain within rating agency expectations.
- ▶ **Mortgage-Backed Securities** were hampered by soaring mortgage rates and the looming reduction to the Fed's balance sheet. The sector will likely remain under pressure for the foreseeable future as it faces a myriad of headwinds.
- ▶ **Taxable Municipals** were one of the few investment grade sectors that performed well during the quarter. But while issuance has slowed despite appearing at attractive levels, deals remain heavily oversubscribed, pressuring spreads lower.
- ▶ **Commercial Paper and CD** spreads remain elevated and attractive, particularly on maturities near nine months which have heightened value and a steeper curve.

Fixed-Income Sector Outlook – 3Q 2022

Sector	Our Investment Preferences
COMMERCIAL PAPER / CD	
TREASURIES	
T-Bill	
T-Note	
FEDERAL AGENCIES	
Bullets	
Callables	
SUPRANATIONALS	
CORPORATES	
Financials	
Industrials	
SECURITIZED	
Asset-Backed	
Agency Mortgage-Backed	
Agency CMBS	
MUNICIPALS	

● Current outlook

○ Outlook one quarter ago

Negative

Slightly
Negative

Neutral

Slightly
Positive

Positive

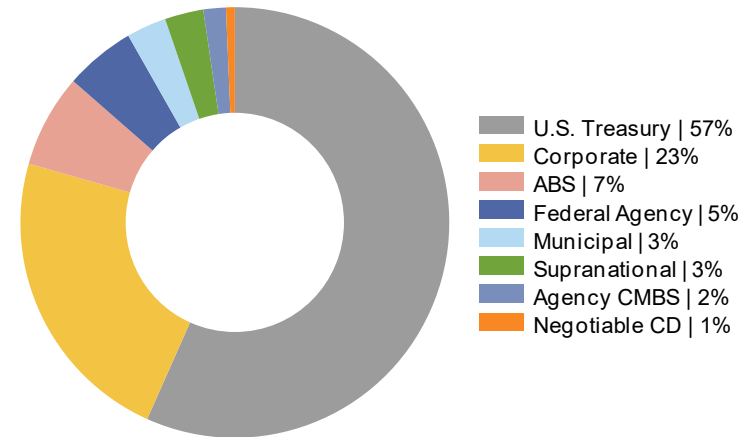
Account Summary

Consolidated Summary

Account Summary¹

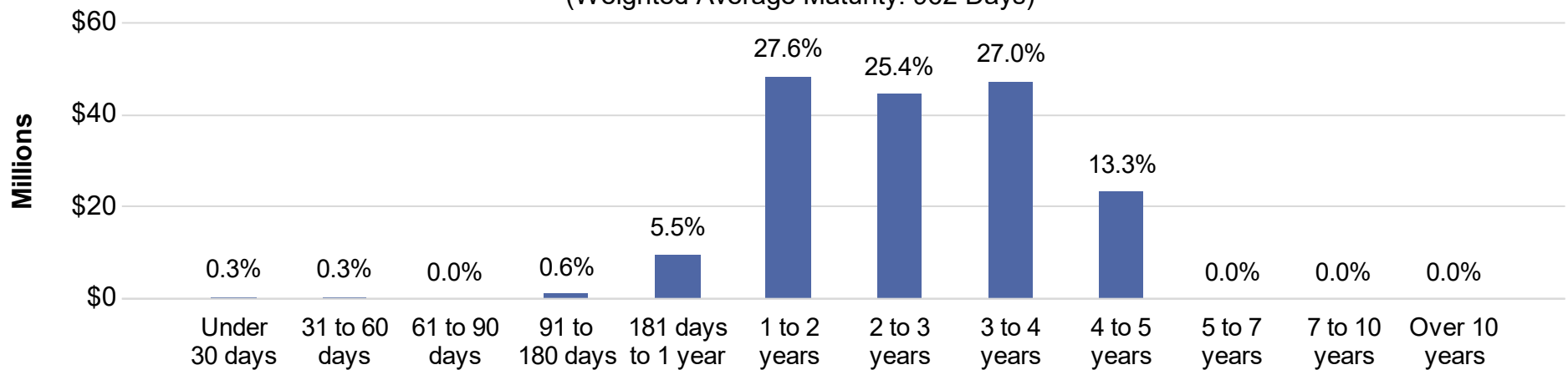
PFMAM Managed Account	\$176,076,622
Total Program	\$176,076,622

Sector Allocation



Maturity Distribution

(Weighted Average Maturity: 962 Days)



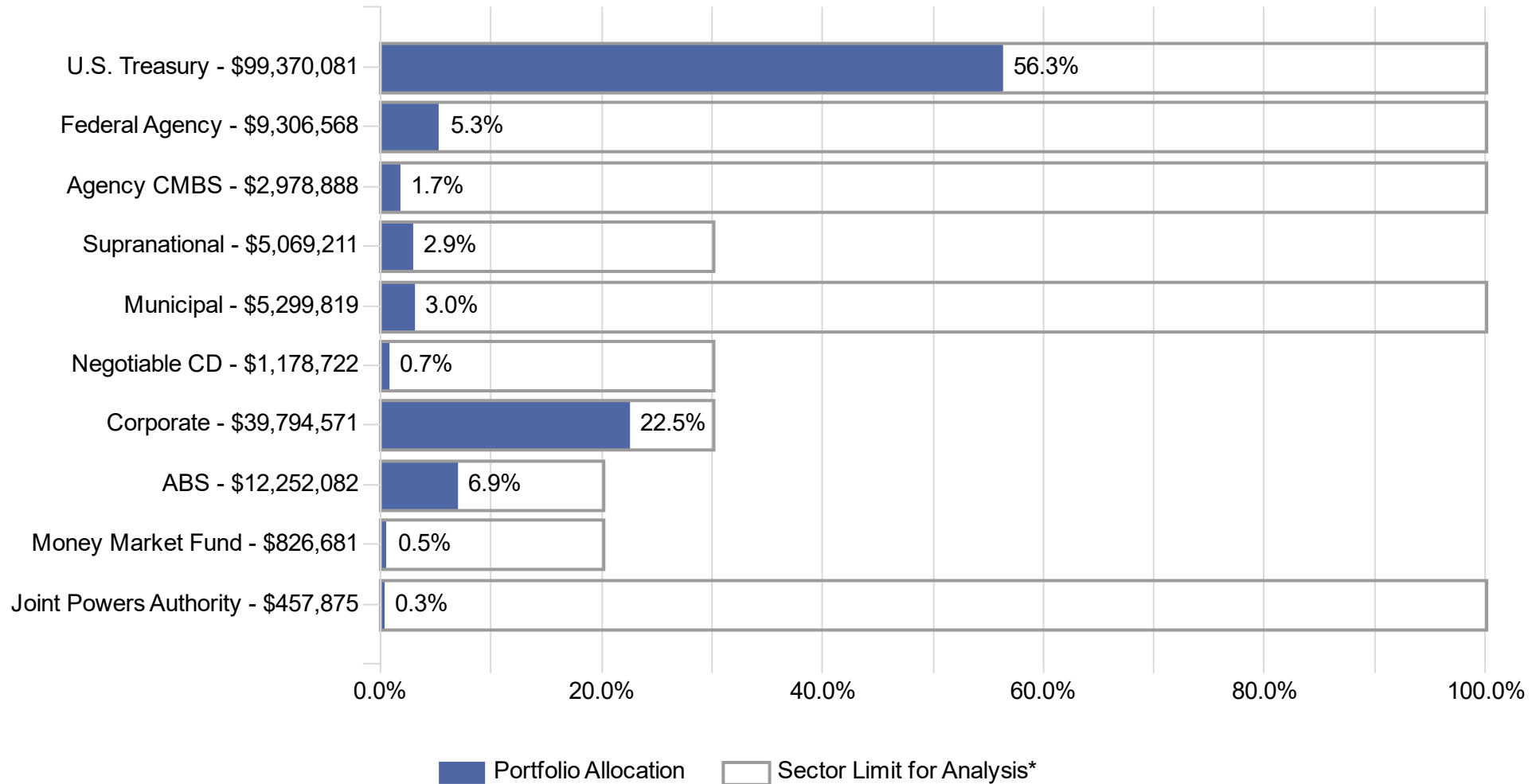
1. Account summary includes market values, accrued interest, cash and cash equivalents. Sector allocation and the maturity distribution include market values and accrued interest.

Account Summary

TURLOCK IRRIGATION DISTRICT RESERVE			
Portfolio Values	June 30, 2022	Analytics ¹	June 30, 2022
PFMAM Managed Account	\$174,880,859	Yield at Market	3.08%
Amortized Cost	\$184,037,028	Yield on Cost	0.94%
Market Value	\$174,880,859	Portfolio Duration	2.39
Accrued Interest	\$369,082		
Cash	\$826,681		

1. Yield at market, yield on cost, and portfolio duration only include investments held within the separately managed account(s), excludes balances invested in overnight funds.

Sector Allocation Analytics



For informational/analytical purposes only and is not provided for compliance assurance. Includes accrued interest.

*Sector Limit for Analysis is as derived from our interpretation of your most recent Investment Policy as provided.

Issuer Diversification

Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
U.S. Treasury	56.7%	
UNITED STATES TREASURY	56.7%	AA / Aaa / AAA
Federal Agency	5.3%	
FREDDIE MAC	5.3%	AA / Aaa / AAA
Agency CMBS	1.7%	
FANNIE MAE	0.2%	AA / Aaa / AAA
FREDDIE MAC	1.5%	AA / Aaa / AAA
Supranational	2.9%	
INTER-AMERICAN DEVELOPMENT BANK	1.6%	AAA / Aaa / AAA
INTL BANK OF RECONSTRUCTION AND DEV	1.3%	AAA / Aaa / AAA
Municipal	3.0%	
CALIFORNIA EARTHQUAKE AUTHORITY	0.2%	NR / NR / A
CALIFORNIA STATE UNIVERSITY	0.5%	AA / Aa / NR
FLORIDA STATE BOARD OF ADMIN FIN CORP	0.2%	AA / Aa / AA
LOS ANGELES COMMUNITY COLLEGE DISTRICT	0.2%	AA / Aaa / NR
LOS ANGELES UNIFIED SCHOOL DISTRICT	0.3%	NR / Aa / AA
NEW JERSEY TURNPIKE AUTHORITY	0.2%	AA / A / A
NEW YORK ST URBAN DEVELOPMENT CORP	0.8%	AA / NR / AA
STATE OF CONNECTICUT	0.2%	A / Aa / AA
STATE OF MARYLAND	0.4%	AAA / Aaa / AAA
Negotiable CD	0.7%	
CREDIT SUISSE GROUP RK	0.7%	A / Aa / A
Corporate	22.7%	
ADOBE INC	0.3%	A / A / NR
AMAZON.COM INC	1.3%	AA / A / AA
AMERICAN EXPRESS CO	0.5%	BBB / A / A
AMERICAN HONDA FINANCE	0.6%	A / A / A

Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
Corporate	22.7%	
APPLE INC	0.3%	AA / Aaa / NR
ASTRAZENECA PLC	0.8%	A / A / NR
BANK OF AMERICA CO	1.6%	A / A / AA
BMW FINANCIAL SERVICES NA LLC	0.7%	A / A / NR
BRISTOL-MYERS SQUIBB CO	0.5%	A / A / NR
BURLINGTON NORTHERN SANTA FE	0.2%	AA / A / NR
CATERPILLAR INC	0.7%	A / A / A
CHARLES SCHWAB	0.3%	A / A / A
CHEVRON CORPORATION	0.1%	AA / Aa / NR
CITIGROUP INC	0.8%	BBB / A / A
COMCAST CORP	0.3%	A / A / A
DEERE & COMPANY	0.7%	A / A / A
EXXON MOBIL CORP	0.4%	AA / Aa / NR
GENERAL DYNAMICS CORP	0.3%	A / A / NR
GOLDMAN SACHS GROUP INC	1.0%	BBB / A / A
HOME DEPOT INC	0.1%	A / A / A
HONEYWELL INTERNATIONAL	0.6%	A / A / A
HSBC HOLDINGS PLC	0.5%	A / A / A
IBM CORP	0.9%	A / A / NR
JP MORGAN CHASE & CO	1.4%	A / A / AA
MERCK & CO INC	0.2%	A / A / A
MORGAN STANLEY	0.9%	A / A / A
NATIONAL RURAL UTILITIES CO FINANCE CORP	0.1%	A / A / A
NESTLE SA	0.5%	AA / Aa / A
NIKE INC	0.2%	AA / A / NR
NORTHERN TRUST	0.3%	A / A / A

Ratings shown are calculated by assigning a numeral value to each security rating, then calculating a weighted average rating for each security type / issuer category using all available security ratings, excluding Not-Rated (NR) ratings. For security type / issuer categories where a rating from the applicable NRSRO is not available, a rating of NR is assigned. Includes accrued interest and excludes balances invested in overnight funds.

Issuer Diversification

Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
Corporate	22.7%	
PACCAR FINANCIAL CORP	0.3%	A / A / NR
PEPSICO INC	0.2%	A / A / NR
PNC FINANCIAL SERVICES GROUP	0.4%	A / A / A
Roche Holding AG	0.8%	AA / Aa / AA
STATE STREET CORPORATION	0.5%	A / A / AA
TARGET CORP	0.4%	A / A / A
THE BANK OF NEW YORK MELLON CORPORATION	1.2%	A / A / AA
TOYOTA MOTOR CORP	0.7%	A / A / A
UNILEVER PLC	0.2%	A / A / A
UNITEDHEALTH GROUP INC	0.8%	A / A / A
WAL-MART STORES INC	0.2%	AA / Aa / AA
ABS	7.0%	
ALLY AUTO RECEIVABLES TRUST	0.0%	NR / Aaa / AAA
AMERICAN EXPRESS CO	0.8%	AAA / NR / AAA
BMW FINANCIAL SERVICES NA LLC	0.2%	AAA / Aaa / NR
BMW VEHICLE OWNER TRUST	0.1%	AAA / NR / AAA
CAPITAL ONE FINANCIAL CORP	0.7%	AAA / Aaa / AAA
CARMAX AUTO OWNER TRUST	0.7%	AAA / Aaa / AAA
DISCOVER FINANCIAL SERVICES	0.9%	AAA / Aaa / AAA
FIFTH THIRD AUTO TRUST	0.0%	AAA / Aaa / NR
GM FINANCIAL CONSUMER AUTOMOBILE TRUST	0.2%	NR / Aaa / AAA
GM FINANCIAL LEASINGTRUST	0.2%	AAA / Aaa / AAA
HARLEY-DAVIDSON MOTORCYCLE TRUST	0.1%	AAA / Aaa / AAA
HONDA AUTO RECEIVABLES	0.3%	AAA / Aaa / AAA
HYUNDAI AUTO RECEIVABLES	0.4%	AAA / NR / AAA

Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
ABS	7.0%	
KUBOTA CREDIT OWNER TRUST	0.6%	NR / Aaa / AAA
MERCEDES-BENZ AUTO LEASE TRUST	0.1%	AAA / NR / AAA
NISSAN AUTO RECEIVABLES	0.3%	AAA / Aaa / NR
Toyota Lease Owner Trust	0.2%	AAA / Aaa / NR
TOYOTA MOTOR CORP	0.2%	AAA / Aaa / NR
VERIZON OWNER TRUST	0.8%	AAA / Aaa / AAA
WORLD OMNI AUTO REC TRUST	0.2%	AAA / NR / AAA
Total	100.0%	

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Certificate of Compliance

During the reporting period for the quarter ended June 30, 2022, the account(s) managed by PFM Asset Management ("PFMAM") were in compliance with the applicable investment policy and guidelines as furnished to PFMAM.

Acknowledged : *PFM Asset Management LLC*

Note: Pre- and post-trade compliance for the account(s) managed by PFM Asset Management is provided via Bloomberg Asset and Investment Management ("AIM").

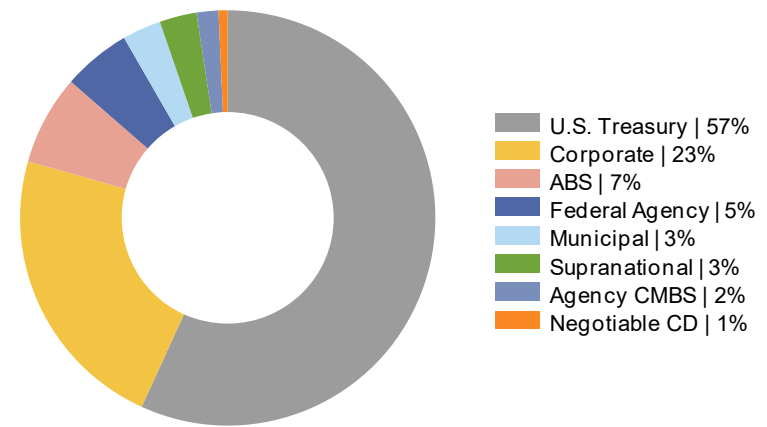
Portfolio Review:
TURLOCK IRRIGATION DISTRICT RESERVE

Portfolio Snapshot - TURLOCK IRRIGATION DISTRICT RESERVE¹

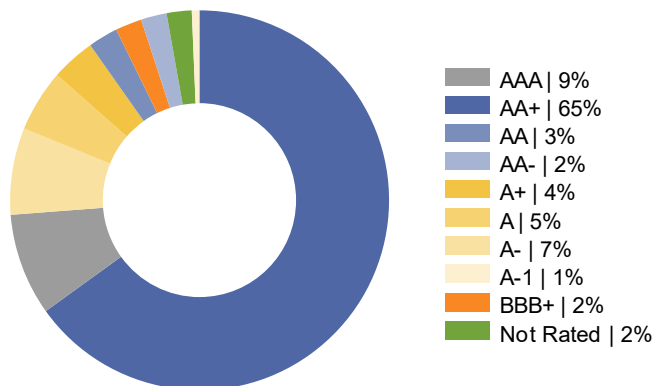
Portfolio Statistics

Total Market Value	\$176,076,621.76
Securities Sub-Total	\$174,880,859.27
Accrued Interest	\$369,081.65
Cash	\$826,680.84
Portfolio Effective Duration	2.39 years
Benchmark Effective Duration	2.52 years
Yield At Cost	0.94%
Yield At Market	3.08%
Portfolio Credit Quality	AA

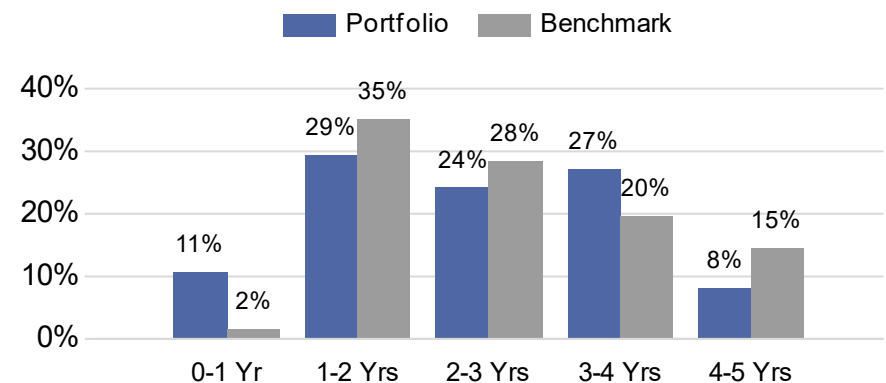
Sector Allocation



Credit Quality - S&P



Duration Distribution



1. Yield and duration calculations exclude cash and cash equivalents. Sector allocation includes market values and accrued interests. The portfolio's benchmark is currently the ICE BofAML 1-5 Year U.S. Treasury Index. Prior to 12/31/21 it was the ICE BofAML 1-3 Year U.S. Treasury Index. Source: Bloomberg. An average of each security's credit rating was assigned a numeric value and adjusted for its relative weighting in the portfolio.

Issuer Diversification

Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
U.S. Treasury	56.7%	
UNITED STATES TREASURY	56.7%	AA / Aaa / AAA
Federal Agency	5.3%	
FREDDIE MAC	5.3%	AA / Aaa / AAA
Agency CMBS	1.7%	
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STATE OF CONNECTICUT	0.2%	A / Aa / AA
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Corporate	22.7%	
ADOBE INC	0.3%	A / A / NR
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Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
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Issuer Diversification

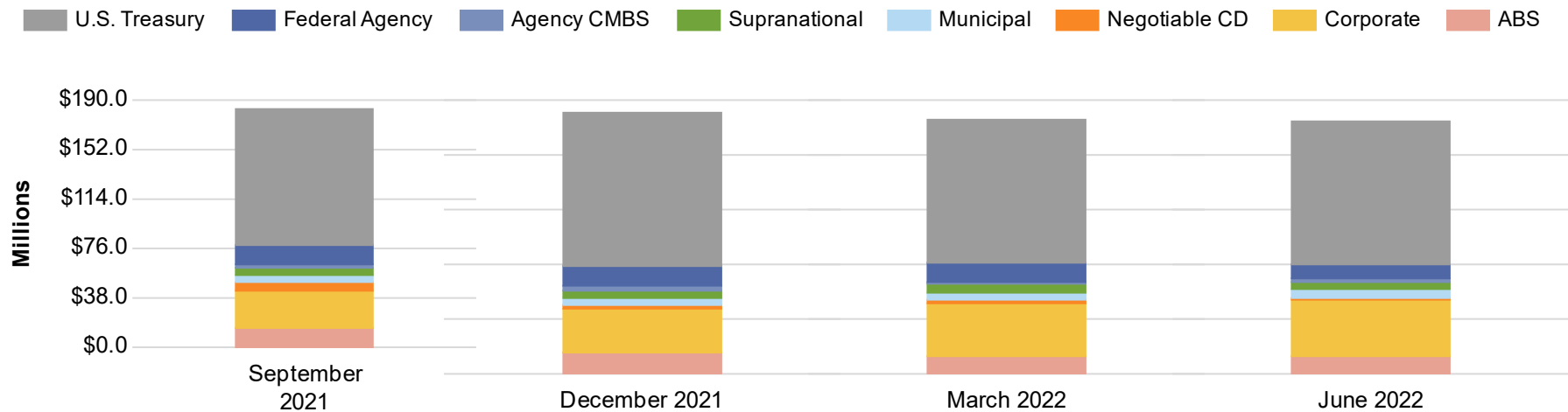
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Sector Allocation Review - TURLOCK IRRIGATION DISTRICT RESERVE

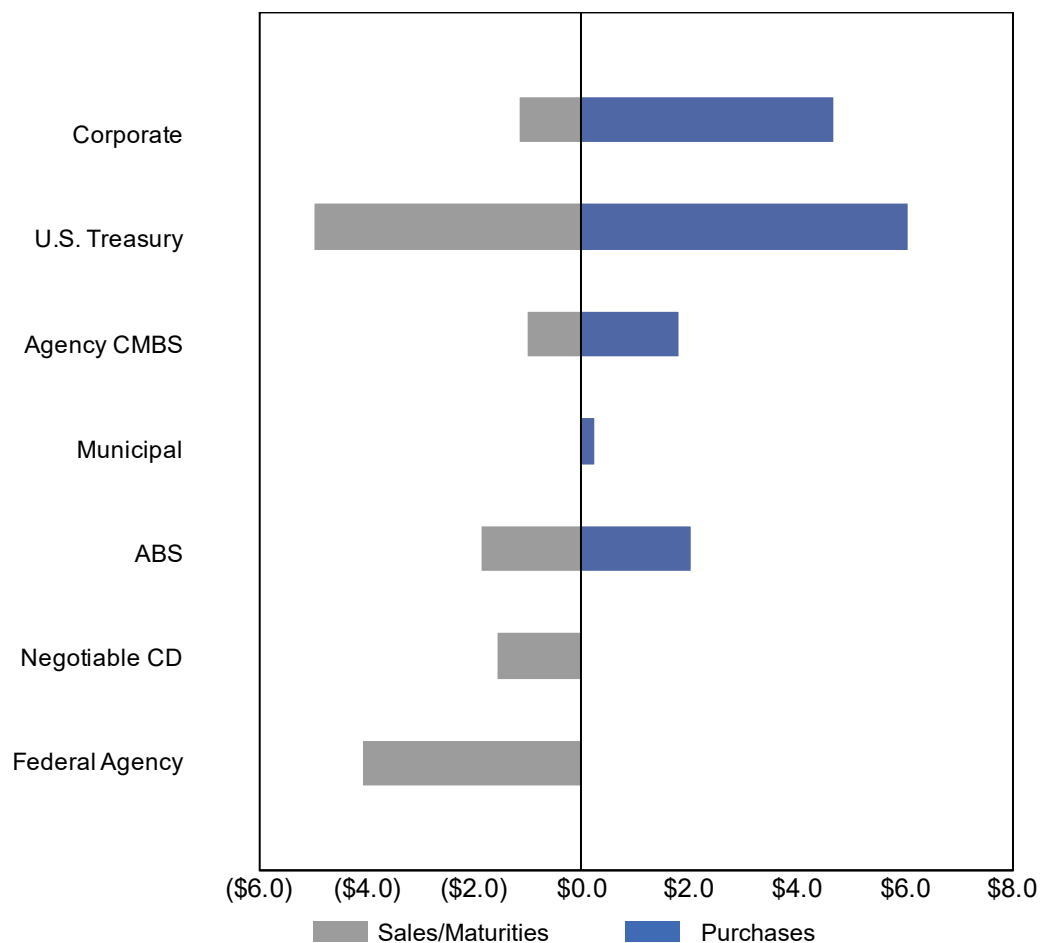
Security Type	Sep-21	% of Total	Dec-21	% of Total	Mar-22	% of Total	Jun-22	% of Total
U.S. Treasury	\$105.4	57.4%	\$107.2	59.0%	\$99.2	56.1%	\$99.2	56.8%
Federal Agency	\$14.3	7.8%	\$13.6	7.5%	\$13.4	7.6%	\$9.3	5.3%
Agency CMBS	\$3.2	1.7%	\$2.6	1.5%	\$2.2	1.3%	\$3.0	1.7%
Supranational	\$5.3	2.9%	\$5.2	2.9%	\$5.1	2.9%	\$5.1	2.9%
Municipal	\$4.7	2.6%	\$5.3	2.9%	\$5.1	2.9%	\$5.3	3.0%
Negotiable CD	\$7.1	3.9%	\$2.8	1.5%	\$2.7	1.6%	\$1.2	0.7%
Corporate	\$28.1	15.3%	\$30.5	16.8%	\$36.8	20.7%	\$39.6	22.6%
ABS	\$15.3	8.4%	\$14.3	7.9%	\$12.2	6.9%	\$12.2	7.0%
Total	\$183.3	100.0%	\$181.6	100.0%	\$176.7	100.0%	\$174.9	100.0%



Market values, excluding accrued interest. Only includes fixed-income securities held within the separately managed account(s) and LGIPs managed by PFMAM. Detail may not add to total due to rounding.

Portfolio Activity - TURLOCK IRRIGATION DISTRICT RESERVE

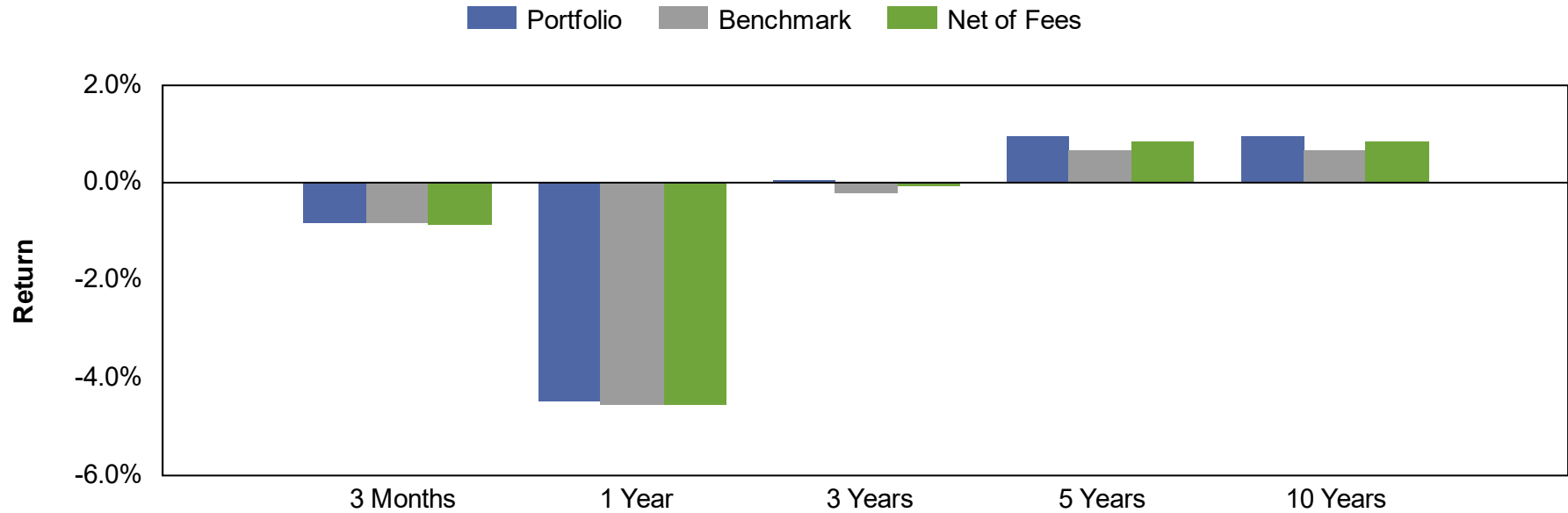
Net Activity by Sector
(\$ millions)



Sector	Net Activity
Corporate	\$3,506,450
U.S. Treasury	\$1,081,235
Agency CMBS	\$785,205
Municipal	\$210,000
ABS	\$142,726
Negotiable CD	(\$1,562,902)
Federal Agency	(\$4,056,392)
Total Net Activity	\$106,322

Based on total proceeds (principal and accrued interest) of buys, sells, maturities, and principal paydowns. Detail may not add to total due to rounding.

Portfolio Performance



Market Value Basis Earnings	3 Months	1 Year	3 Years	5 Years	10 Years
Interest Earned ²	\$445,165	\$1,696,079	\$7,779,849	\$13,519,666	\$19,639,341
Change in Market Value	(\$1,935,055)	(\$9,926,878)	(\$8,664,814)	(\$7,534,414)	(\$8,665,536)
Total Dollar Return	(\$1,489,890)	(\$8,230,799)	(\$884,965)	\$5,985,252	\$10,973,805
Total Return³					
Portfolio	-0.84%	-4.47%	0.03%	0.95%	0.94%
Benchmark ⁴	-0.81%	-4.55%	-0.20%	0.68%	0.65%
Basis Point Fee	0.02%	0.08%	0.08%	0.09%	0.10%
Net of Fee Return	-0.86%	-4.55%	-0.05%	0.85%	0.84%

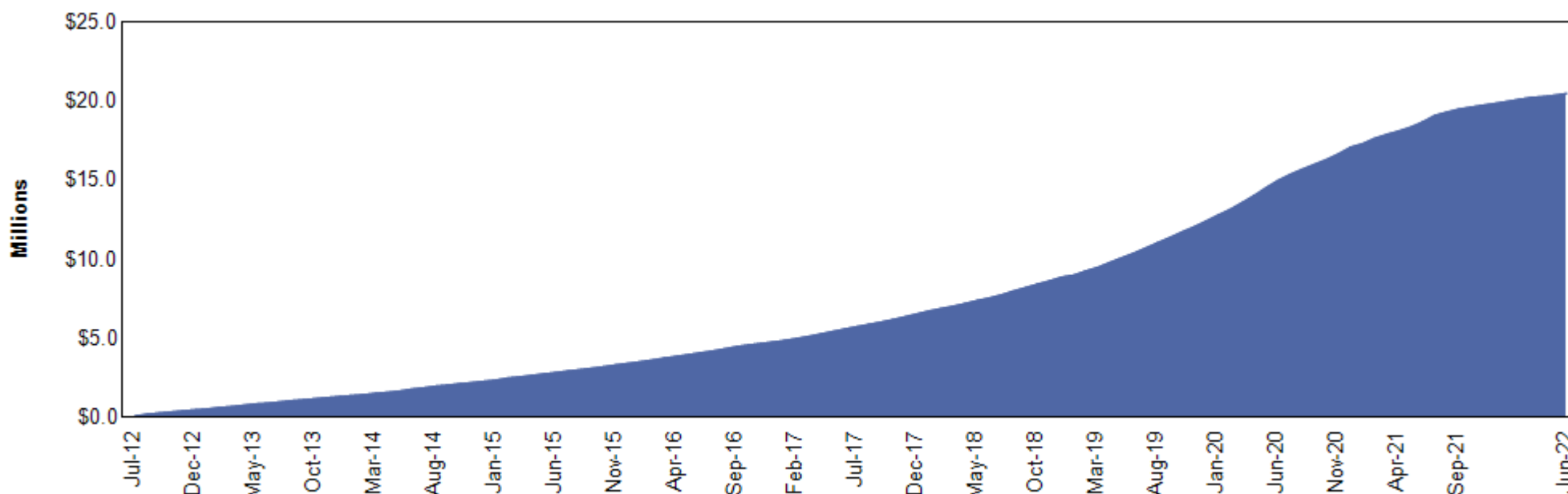
1. The lesser of 10 years or since inception is shown. Since inception returns for periods one year or less are not shown. Performance inception date is March 31, 1993.

2. Interest earned calculated as the ending accrued interest less beginning accrued interest, plus net interest activity.

3. Returns for periods one year or less are presented on a periodic basis. Returns for periods greater than one year are presented on an annualized basis.

4. The portfolio's benchmark is currently the ICE BofAML 1-5 Year U.S. Treasury Index. Prior to 12/31/21 it was the ICE BofAML 1-3 Year U.S. Treasury Index. Source: Bloomberg.

Accrual Basis Earnings - TURLOCK IRRIGATION DISTRICT RESERVE



Accrual Basis Earnings	3 Months	1 Year	3 Years	5 Year	10 Year ¹
Interest Earned ²	\$445,165	\$1,696,079	\$7,779,849	\$13,519,666	\$19,639,341
Realized Gains / (Losses) ³	(\$96,604)	\$401,912	\$2,744,852	\$1,681,459	\$2,539,057
Change in Amortized Cost	(\$85,043)	(\$293,966)	(\$428,012)	(\$310,601)	(\$1,684,511)
Total Earnings	\$263,518	\$1,804,025	\$10,096,689	\$14,890,524	\$20,493,887

1. The lesser of 10 years or since inception is shown. Performance inception date is March 31, 1993.

2. Interest earned calculated as the ending accrued interest less beginning accrued interest, plus net interest activity.

3. Realized gains / (losses) are shown on an amortized cost basis.

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- In accordance with generally accepted accounting principles, information is presented on a trade date basis; forward settling purchases are included in the monthly balances, and forward settling sales are excluded.
- Performance is presented in accordance with the CFA Institute's Global Investment Performance Standards (GIPS). Unless otherwise noted, performance is shown gross of fees. Quarterly returns are presented on an unannualized basis. Returns for periods greater than one year are presented on an annualized basis. Past performance is not indicative of future returns.
- Bank of America/Merrill Lynch Indices provided by Bloomberg Financial Markets.
- Money market fund/cash balances are included in performance and duration computations.
- Standard & Poor's is the source of the credit ratings. Distribution of credit rating is exclusive of money market fund/LGIP holdings.
- Callable securities in the portfolio are included in the maturity distribution analysis to their stated maturity date, although, they may be called prior to maturity.
- MBS maturities are represented by expected average life.

Glossary

- **Accrued Interest:** Interest that is due on a bond or other fixed income security since the last interest payment was made.
- **Agencies:** Federal agency securities and/or Government-sponsored enterprises.
- **Amortized Cost:** The original cost of the principal of the security is adjusted for the amount of the periodic reduction of any discount or premium from the purchase date until the date of the report. Discount or premium with respect to short-term securities (those with less than one year to maturity at time of issuance) is amortized on a straight line basis. Such discount or premium with respect to longer-term securities is amortized using the constant yield basis.
- **Asset-Backed Security:** A financial instrument collateralized by an underlying pool of assets – usually ones that generate a cash flow from debt, such as loans, leases, credit card balances, and receivables.
- **Bankers' Acceptance:** A draft or bill of exchange accepted by a bank or trust company. The accepting institution guarantees payment of the bill as well as the insurer.
- **Commercial Paper:** An unsecured obligation issued by a corporation or bank to finance its short-term credit needs, such as accounts receivable and inventory.
- **Contribution to Total Return:** The weight of each individual security multiplied by its return, then summed for each sector to determine how much each sector added or subtracted from the overall portfolio performance.
- **Effective Duration:** A measure of the sensitivity of a security's price to a change in interest rates, stated in years.
- **Effective Yield:** The total yield an investor receives in relation to the nominal yield or coupon of a bond. Effective yield takes into account the power of compounding on investment returns, while nominal yield does not.
- **FDIC:** Federal Deposit Insurance Corporation. A federal agency that insures bank deposits to a specified amount.
- **Interest Rate:** Interest per year divided by principal amount and expressed as a percentage.
- **Market Value:** The value that would be received or paid for an investment in an orderly transaction between market participants at the measurement date.
- **Maturity:** The date upon which the principal or stated value of an investment becomes due and payable.
- **Negotiable Certificates of Deposit:** A CD with a very large denomination, usually \$1 million or more, that can be traded in secondary markets.
- **Par Value:** The nominal dollar face amount of a security.
- **Pass-through Security:** A security representing pooled debt obligations that passes income from debtors to its shareholders. The most common type is the mortgage-backed security.

Glossary

- Repurchase Agreements: A holder of securities sells these securities to an investor with an agreement to repurchase them at a fixed price on a fixed date.
- Settle Date: The date on which the transaction is settled and monies/securities are exchanged. If the settle date of the transaction (i.e., coupon payments and maturity proceeds) occurs on a non-business day, the funds are exchanged on the next business day.
- Supranational: A multinational union or association in which member countries cede authority and sovereignty on at least some internal matters to the group, whose decisions are binding on its members.
- Trade Date: The date on which the transaction occurred; however, the final consummation of the security transaction and payment has not yet taken place.
- Unsettled Trade: A trade which has been executed; however, the final consummation of the security transaction and payment has not yet taken place.
- U.S. Treasury: The department of the U.S. government that issues Treasury securities.
- Yield: The rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.
- YTM at Cost: The yield to maturity at cost is the expected rate of return based on the original cost, the annual interest receipts, maturity value, and the time period from purchase date to maturity, stated as a percentage on an annualized basis.
- YTM at Market: The yield to maturity at market is the rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.



2021 *ELECTRIC RELIABILITY REPORT*



TABLE OF CONTENTS

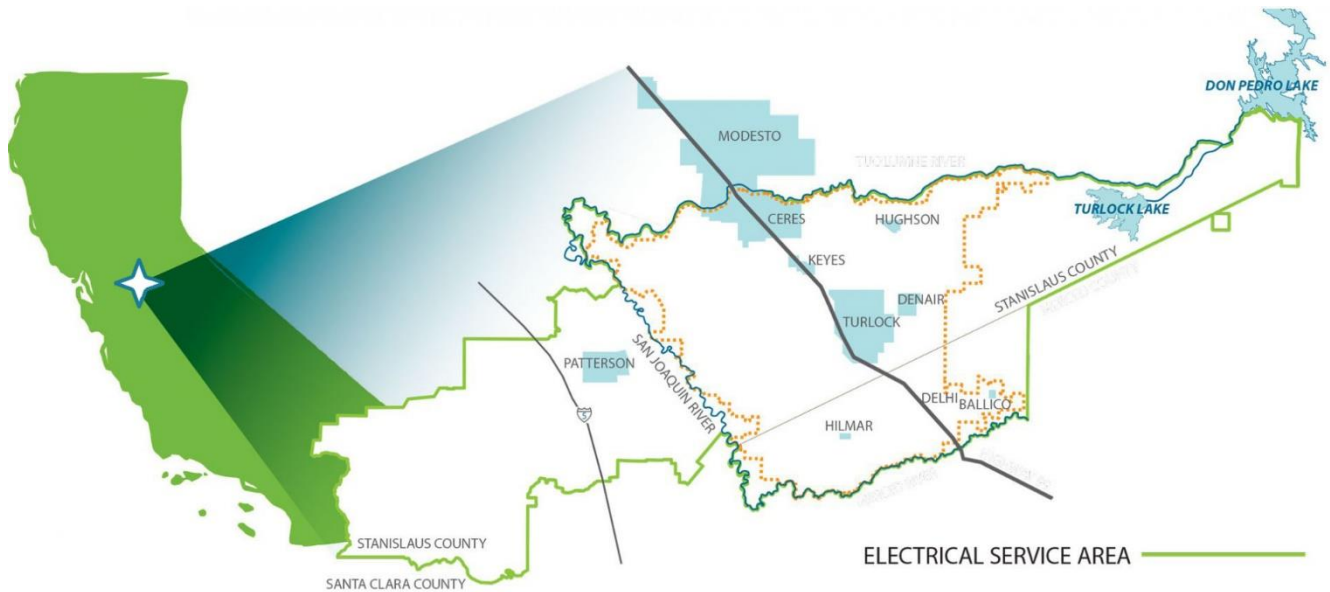
1.	Executive Summary	3
1.1	Overview	3
1.2	Reliability Metrics	4
1.3	TID 2021 Reliability Performance Summary	5
2.	TID Historical Reliability Data	5
2.1	Five-Year Reliability Performance	5
2.2	Major Event Exclusions.....	7
2.3	Major Outage Events (2021).....	7
2.4	Utility Comparisons.....	7
2.5	Potential Improvement Opportunity Feeders	8
2.5.1	Monitoring Individual Feeders.....	8
2.5.2	Top Five Potential Improvement Opportunity Feeders	8
2.6	Outage Causes	10
2.7	Overhead vs. Underground Performance.....	10
3.	What has TID Accomplished.....	11
3.1	Overview	11
3.2	Mitigation Results.....	12
4.	What Projects/Programs are in the Works	13
4.1	Overview	13
4.2	Expected Results.....	14

1. EXECUTIVE SUMMARY

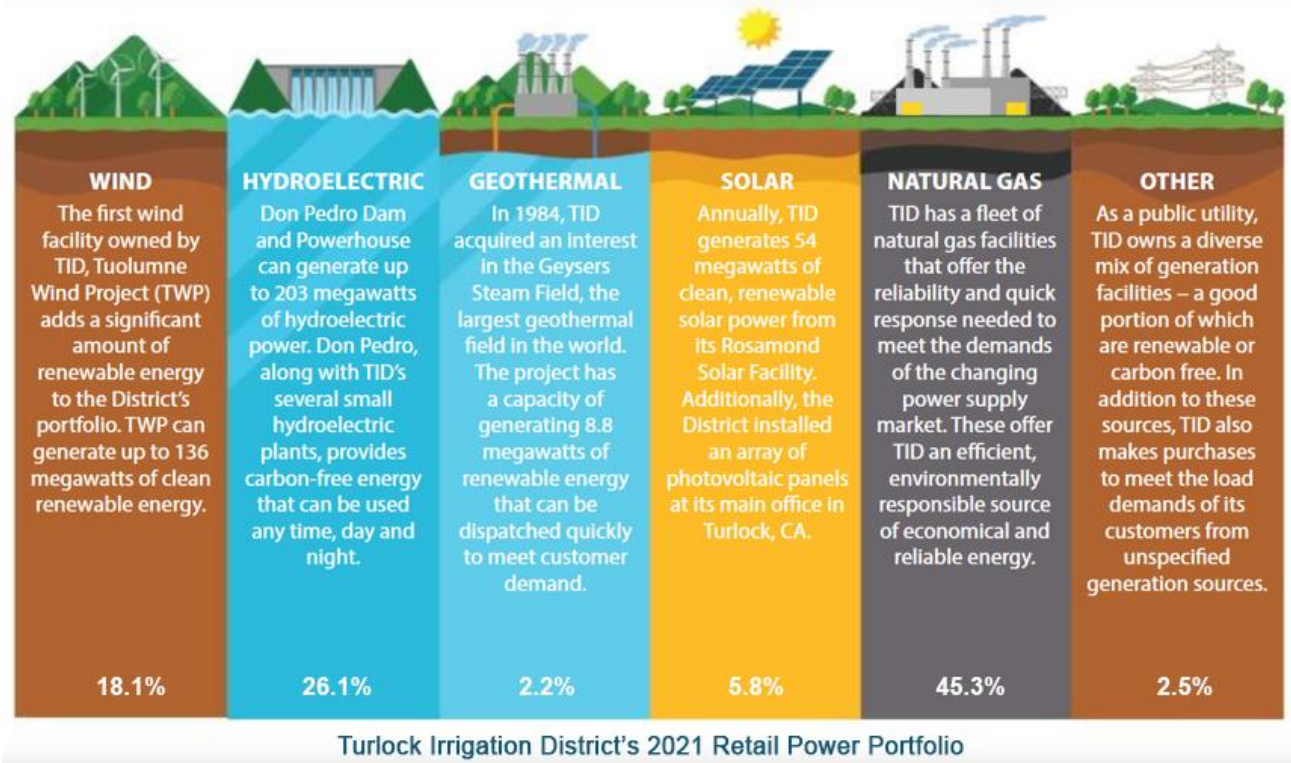
1.1 Overview

Turlock Irrigation District (TID) provides a highly reliable electric service to approximately 90,000 residential and business customers across a 662-square-mile service territory. In order to determine the reliability of the local grid, performance metrics are utilized to measure outage duration, number and type of outage events, as well as restoration time. Similar statistics are gathered by both private and public utilities and reported to respective regulatory agencies, boards and councils.

Below is a geographical map showing the TID service territory and its boundaries. The TID service territory covers 662 square miles of mostly rural areas located largely in Stanislaus County, east of the San Francisco Bay Area. The TID electric system is surrounded by communities served by other Irrigation Districts such as Merced and Modesto and the large investor-owned utility Pacific Gas & Electric.



TID strongly supports a reliable electric grid and provides a healthy wholesale market made up of generation from natural gas, hydroelectric, wind, solar, geothermal, and import purchases to facilitate quality services to the communities TID serves.



This annual Electric System Reliability Report is intended to parallel the industry practice of reporting on reliability metrics and mitigation results. Investor-owned utilities must submit annual reports to the California Public Utilities Commission (CPUC) on reliability metrics, distribution equipment inspections, and substation equipment inspections. This report aims to review TID reliability performance and how it relates to prior and subsequent programs from the past five years and forward-looking into the future five years.

Although TID is not required to report its reliability metrics, we provide this report to gauge how we are doing compared to other rural, community-owned utilities with similar economic diversity and environmental conditions.

1.2 Reliability Metrics

Electric reliability is measured by recording how many times service is interrupted (frequency), how long on average the typical customer is interrupted (duration), and how long on average it takes to restore service once a customer is interrupted (restoration time). These three reliability measures have been standardized and recognized throughout the electric utility industry as best practices for comparing reliability performance among utilities, regardless of the number of customers.

The performance metrics discussed in this report are based on the definitions and calculations shown below:

System Average Interruption Duration Index (SAIDI): SAIDI indicates the average outage duration, or how long a typical customer will be without service, per year. It is calculated based on the total number of minutes customers are without power in a given year, divided by the number of customers served by the utility.

$$\text{SAIDI} = \frac{\text{Total minutes every customer was without power}}{\text{Total number of customers}}$$

System Average Interruption Frequency Index (SAIFI): SAIFI indicates the outage frequency or how many outages a typical customer may experience in a year. It is calculated based on the total number of customers affected by all outages in a given year divided by the number of customers served by the utility.

$$\text{SAIFI} = \frac{\text{Number of outages experienced by every customer}}{\text{Total number of customers}}$$

Customer Average Interruption Duration Index (CAIDI): CAIDI indicates the outage duration for those actually interrupted or how long it takes to restore outages. It is calculated based on the total number of minutes customers are without power in a given year divided by the number of customers actually interrupted by such outages.

$$\text{CAIDI} = \frac{\text{System Average Interruption Duration Index (SAIDI)}}{\text{System Average Interruption Frequency Index (SAIFI)}}$$

1.3 TID 2021 Reliability Performance Summary

TID is committed to providing reliable electric service to its customers. Reliable electricity is delivered to TID customers by combining a diverse portfolio of power resources with a well-maintained distribution network. Below is a summary of TID's reliability performance for 2021.

TID Reliability Indices			
YEAR	SAIDI	SAIFI	CAIDI
2021	75 Minutes	0.88 Outages	86 Minutes per Outage
5 Year Average (2017-2021)	63 Minutes	0.71 Outages	89 Minutes per Outage

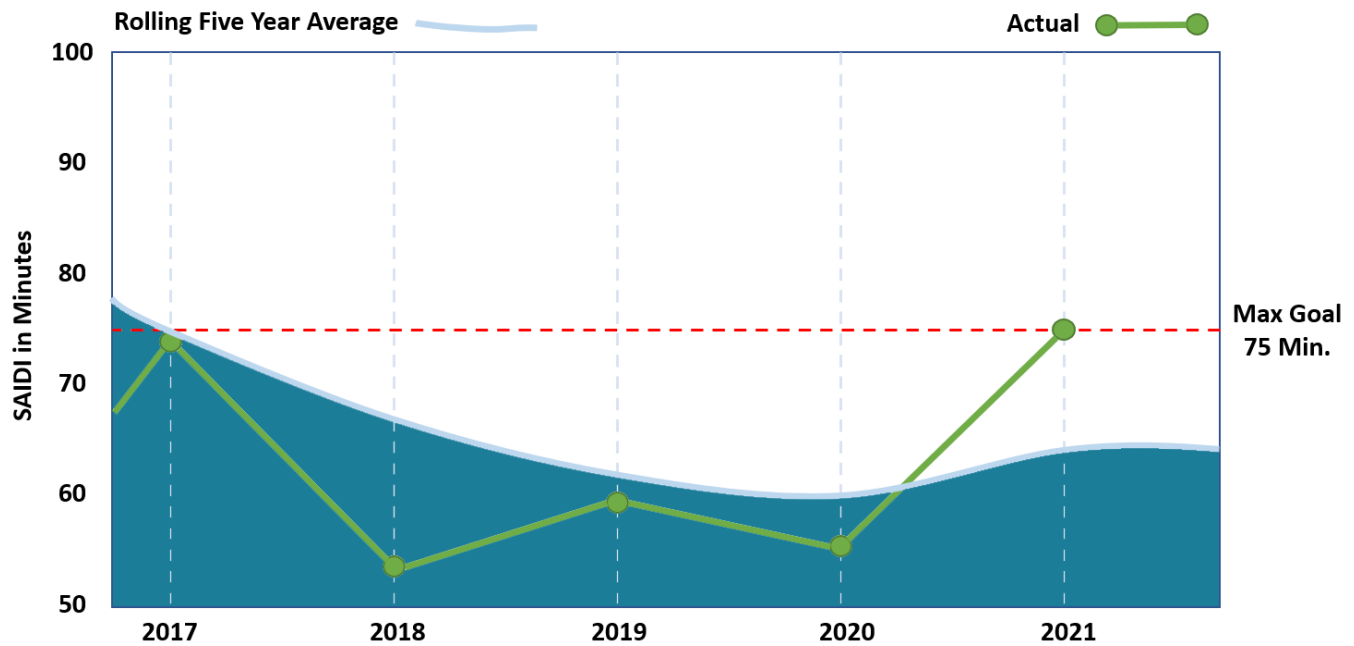
Table 1. All calculations include only sustained interruptions which are interruptions lasting more than five minutes each. The above values were obtained from the Supervisory Control and Data Acquisition (SCADA) database and appended with calculations of outages that are downstream of monitored devices.

2. TID HISTORICAL RELIABILITY DATA

2.1 Five-Year Reliability Performance

TID collects and reports all outage data in line with standard utility best practices and separately reports data on all outages from major events. This is to determine how the normal grid performs, exclusive of the major wind or other regional outages, providing a normalized basis for comparison.

To normalize the data, TID utilizes a five-year historical (rolling) average to calculate the maximum duration goal (SAIDI) of less than 75 minutes.



In table format showing normalized TID data, this rolling 5-year data is the average of the previous 5 years for SAIDI, SAIFI, and CAIDI:

5-Year Rolling Average			
Year	SAIDI	SAIFI	CAIDI
2021	63 Minutes	0.71 Outages	89 Minutes per Outage
2020	60 Minutes	0.65 Outages	92 Minutes per Outage
2019	62 Minutes	0.71 Outages	88 Minutes per Outage
2018	67 Minutes	0.75 Outages	90 Minutes per Outage
2017	75 Minutes	0.79 Outages	95 Minutes per Outage

Table 2. All calculations include only sustained interruption, an interruption lasting more than five minutes. The above values were obtained from the Supervisory Control and Data Acquisition (SCADA) database and appended with calculations of outages that are downstream of monitored devices.

Although the minutes of the outages and the frequency of outages went up, the duration per outage went down. This could be a direct reflection of the growing number of feeders and services as well as the recloser program that allows TID to restore or isolate an outage more quickly.

Other items that could have had positive or negative effects on the 2021 indices include:

- » COVID-related shelter-in-place impacts
- » Tree trimming program
- » Animal guard program
- » After-hours response crews
- » Direct burial replacement program

2.2 Major Event Exclusions

Major Event Exclusions are defined in CPUC D.96-09-045 and have been widely adopted as the utility industry standard based on the Institute of Electrical and Electronics Engineers (IEEE) 1366. The CPUC's definition excludes events such as natural disasters or natural causes that affect more than 10% of the utility's customers or 15% of the utility's system facilities. The IEEE Standard 1366 provides consistent benchmarking across the electric utility industry and uses standardized reliability metric (daily SAIDI) to define Major Event Days (MEDs) for exclusion. Below is a summary of major events that have occurred over the past year in the TID service territory. TID started applying the IEEE Std. 1366 in 2019.

2.3 Major Outage Events (2021)

The table below captures the days declared as major outage events for 2021 that resulted in the high customer-minute interruptions. The table includes the date, cause, number of feeders affected, customers affected, and total meter minutes lost.

Major Event Days				
Date	Event	No. of Feeders	Customers	Meter Minutes
1/26/2021	High Winds	14	12,576	764,770
1/27/2021	High Winds	9	9,019	1,318,389
12/13/2021	High Winds	7	8,718	807,263

This low number of events reflects the stability of the system in adverse conditions. It also shows the reliability of the equipment in service today.

2.4 Utility Comparisons

In 2021, a TID electric customer would have experienced, on average, 0.83 service interruptions (about one outage every 14½ months.) An electric customer would have gone without power for an average of 75 minutes or would have experienced a single power outage that took about 90 minutes to restore. Generally, the reliability level experienced by TID customers in 2021 is about 3 times better than that of surrounding Pacific Gas & Electric customers. In 2020, TID ranked in the top 25 percent (quartile) of American Public Power Association (APPA) utilities nationwide when it comes to electric system reliability in terms of SAIFI/SAIDI and was awarded the APPA's "Certificate of Excellence in Reliability." This is a strong indication that TID customers had fewer and shorter power outages than the other 75% of power utilities nationwide. For the newest 2021 data, TID had fewer outages than the average of utilities in the region. TID also had roughly 50 minutes less duration per outage than the region's average utilities.



The following tabular data shows the reliability metrics for TID as compared to other neighboring utilities during the most recent 3 years of their available reporting. Data is sorted by 3-year average SAIDI:

Utility	2018 SAIDI	2018 SAIFI	2019 SAIDI	2019 SAIFI	2020 SAIDI	2020 SAIFI
PG&E	126	1.08	149	1.13	153	1.18
US Average	110		115		118	
PacifiCorp	72	0.69	70	0.47	88	0.61
SMUD	93	0.45	66	1.04	48	0.90
Redding	46	0.50	77	0.87	53	0.49
TID	53	0.60	59	0.59	56	0.57
Modesto	24	0.43	33	0.45	44	0.57
Merced	24	0.35	4	0.08	23	0.52
Roseville	13	0.17	10	0.12	8	0.09
US Avg w/major	342		276		485	
TID w/major	54	0.90	70	0.71	75	0.66

Table 3. The 2018 - 2020 reliability indices for neighboring utilities were obtained from either readily available publicly posted reporting or by direct contact with the staff of the listed utilities.

2.5 Potential Improvement Opportunity Feeders

2.5.1 Monitoring Individual Feeders

Individual feeders originating from substations are monitored to determine overall performance. There may be indicators that equipment, geography, or other factors impact performance. TID reviews feeder performance and develops mitigation measures, including items in section 4.

Potential Improvement Opportunity Feeders alert us to possible system problem areas and allow us to focus on projects that will yield improvements where the improvements are needed most. While circumstances surrounding various outages generally vary, high numbers of outages on a single feeder can occasionally indicate a common-cause situation that is an opportunity for improvement. Also, monitoring the number of outages helps determine reliability indices such as SAIFI and CAIFI.

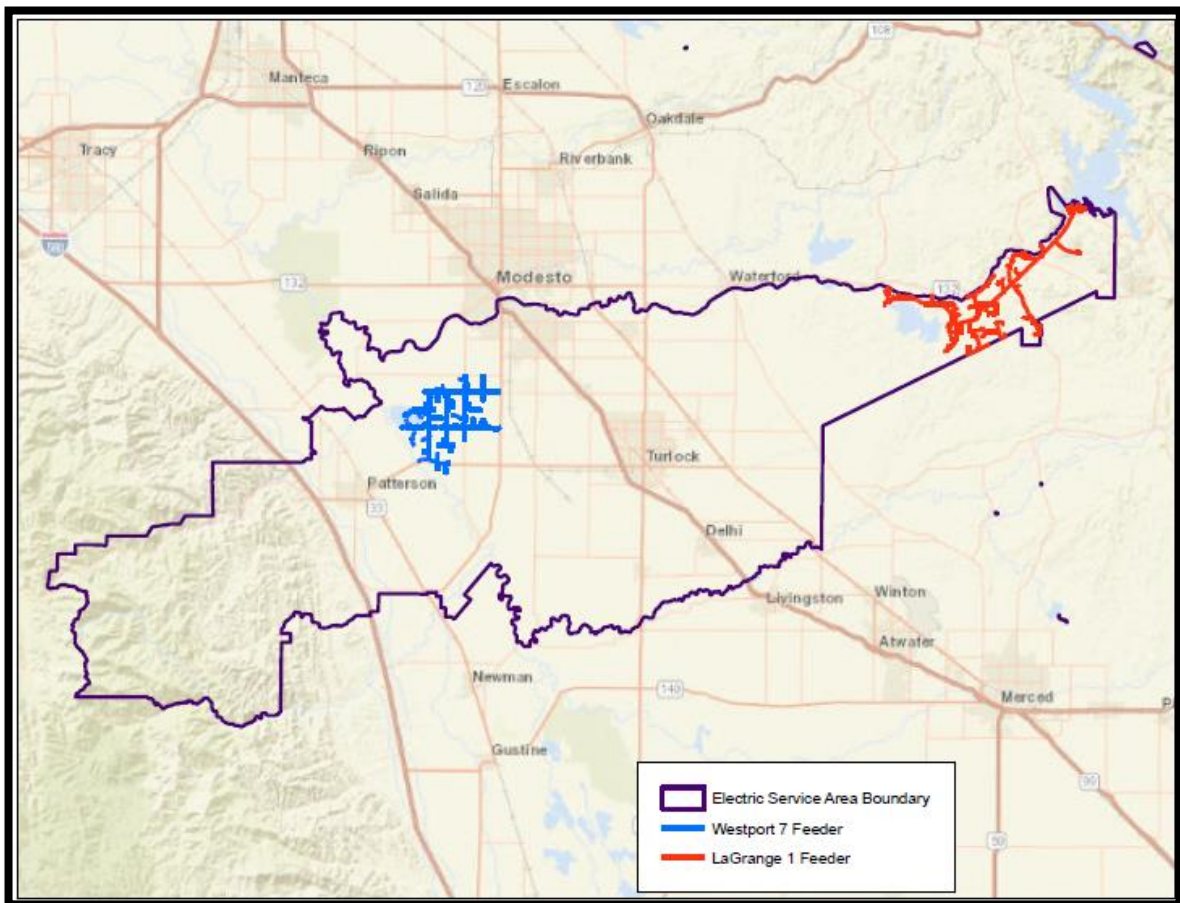
2.5.2 Top Five Potential Improvement Opportunity Feeders

As criteria for prioritizing feeders to escalate performance improvements, the top five (5) Potential Improvement Opportunity Feeders (PIOFs) are monitored using outage frequency over the past two years. When a feeder appears in the top five PIOF list for two consecutive years, the feeder will be considered and evaluated for prioritized mitigation planning, and an anticipated timeline will be projected for completing any mitigation measures.

The following table shows the feeders that had the highest number of outages in the past 2 years:

Potential Improvement Opportunity Feeders 2021		
Substation	Feeder Number	Number of Outages
Hilmar	Feeder 7	9
Westport	Feeder 7	7
F Street	Feeder 4	6
Industrial	Feeder 5	6
La Grange	Feeder 1	5

Potential Improvement Opportunity Feeders 2020		
Substation	Feeder Number	Number of Outages
La Grange	Feeder 1	10
Taylor	Feeder 1	9
Westport	Feeder 5	6
Ceres	Feeder 5	4
Westport	Feeder 7	3



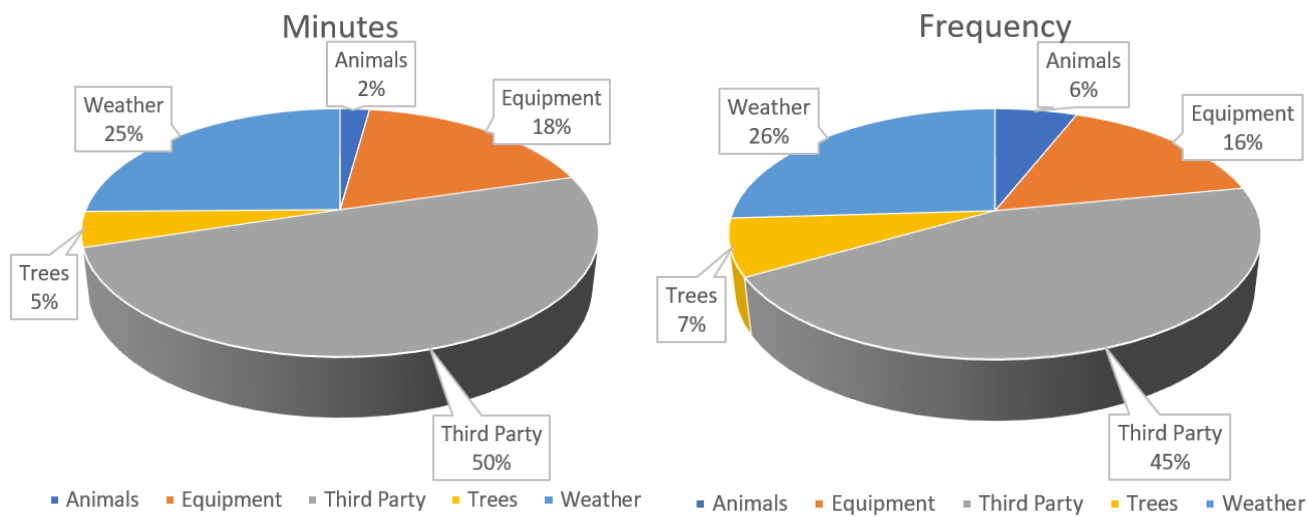
As indicated by the tables and map above, La Grange Feeder 1 and Westport Feeder 7 were identified as having been in the top 5 feeders with potential improvement opportunities for two consecutive years. Because of this, these two feeders will be evaluated to determine whether there are patterns to the outages on each feeder and whether or not reliability can be improved through one or more capital improvement projects.

2.6 Outage Causes

Outage causes are evaluated periodically to determine how to structure operational and capital programs. The causes are tracked by frequency and by customer minutes interrupted (CMI). The top three causes of 2021 outages were vehicles hitting poles and wind-related and equipment failures. The most common cause is attributed to pole lines located in the road right of way.

The second most common cause of 2021 outages was weather-related and included the 3 major event days for 2021. The equipment-caused outages generally remain the same year over year.

Although the frequency of outages caused by animal and tree contact makes up a nominal percentage, the minutes attributed to the outages are smaller, primarily due to the recloser program.



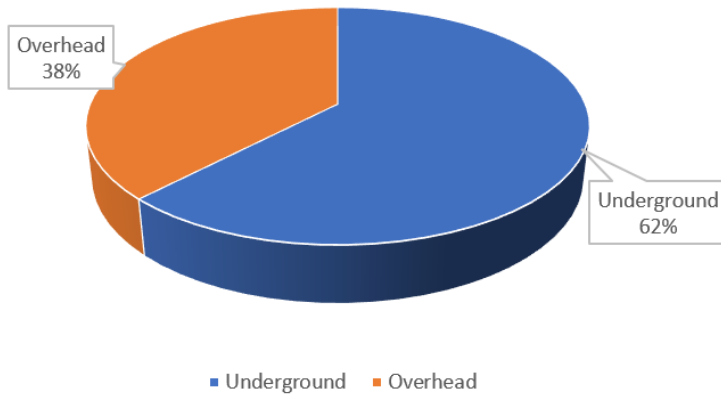
2.7 Overhead vs. Underground Performance

The TID electric system is comprised of both overhead (OH) and underground (UG) infrastructure. New development and construction in urban areas are required to go underground. This practice is intended to prevent visual blight and mitigate the opportunity for third-party damages. The TID electric system is now about 22% underground, comprised of 509 miles of undergrounded cable and 78% or 1,777 miles of overhead medium voltage lines.

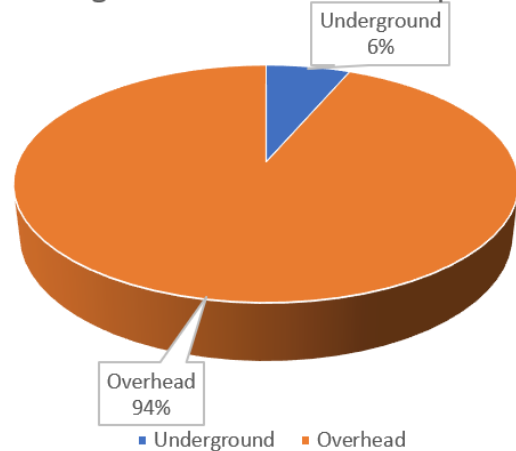
The number or frequency of the overhead incidents overshadows that of the underground. The overhead system is more prone to trees, animals, metallic balloons, cars hitting poles, and weather when compared to the underground system. However, the number of underground outages over the past five years is trending downward due to TID’s continued effort to replace direct buried cables. This underground conversion program places direct buried cable in conduit where it can be easily replaced, reducing interruption duration. As the underground conversion program progresses, it is anticipated that the SAIDI for underground outages will trend downward.

Over the past year, an outage for a single underground fault takes approximately twice as long to restore than those in the overhead portion. This is mostly attributed to access and visual confirmation not readily available in the underground system. As TID expands, it is expected to have more underground areas that will contribute to a greater frequency of interruptions as the equipment and cable age. The efforts will be placed on determining how to lessen the restoration time of these events.

Restoration Comparison per Outage



Underground vs Overhead Frequency



3. WHAT HAS TID ACCOMPLISHED

3.1 Overview

TID has accomplished many capital projects along with operations and maintenance that align directly with improving reliability. The prioritization method follows industry practice for both reliability and asset management of aging infrastructure.

Each year, equipment is prioritized for replacement pursuant to an ongoing systematic infrastructure replacement program targeted for reliability improvement.

Program
<p>2021 Reconductoring Projects</p> <ul style="list-style-type: none"> • Ceres Feeder 1 Reconductor <ul style="list-style-type: none"> ○ This project increased feeder capacity and provided additional back-feed opportunities to adjacent feeders in the Ceres area. • Zeering Rd. (Taylor 7 – Taylor 8) <ul style="list-style-type: none"> ○ This project allows off-loading of Geer Bank 1, which had been approaching its capacity. This project also provides additional back-feed opportunities in the area.
<p>Underground Cable Replacement</p> <ul style="list-style-type: none"> • The District's ongoing underground cable replacement program systematically replaces the underground cable with new cable in conduit to reduce impacts on service and reliability. This is done for cable reaching its end-of-life expectancy. Replacement work is prioritized by emergency needs, support for load growth, and cable life expectancy. This frequently includes placement or replacement of conduit as an added measure of serviceability. In 2021, the district replaced 3 miles of underground cable and installed 1.75 miles of conduit.

Sectionalizing and Isolation Switchgear and Fusing

- Switch #11 at Broadway was replaced due to reaching its end of life. In the event of a contingency, this switch provides reliability to the backup Power Control Center (PCC) by allowing the backup PCC to be served from Fairground Feeder 3 or F Street Feeder 1.

Pole Replacement Program

- This program provides inspection and treatment for in-service TID and jointly owned wood poles to preempt pole failures that may impact the transmission and distribution systems. In 2021, 221 distribution feeder poles were replaced.

3.2 Mitigation Results

Overhead reliability improvements such as reconductoring from copper to aluminum conductor steel reinforced (ACSR) allow us to pull the conductor tighter, resulting in less sag which directly combats against wind events and animal interruptions. In 2019, 2020, and 2021, 6.22 mi., 17.22 mi., and 7.68 mi. of OH conductor were installed, respectively. This is a combination of new installs and reconductors of existing or damaged lines.

Even though undergrounding of electrical facilities is much more expensive to build compared to overhead, it allows us to remove vegetation and prevent some vehicle accidents from affecting the frequency of TID outages. In 2019, 2020, and 2021, 7.34 mi., 6.49 mi., and 5.47 mi. of UG conductor were installed, respectively. This is a combination of new installs and reconductors of existing or damaged cables. The replacement of overhead and the subsequent installation of underground only occurs where city requirements in the new development areas are mandated.

The rapid sectionalizing of outage events results in fewer customers experiencing an outage. TID has placed 12 reclosers downstream of the substations to first try to lessen the outage to a momentary status and reduce the outage to a more local presence with fewer customers affected.

The TID Preventative Maintenance Program (TPMP) includes inspection requirements for electric distribution facilities to ensure safe and reliable electric service. Inspections note signs of overhead and underground facilities deterioration and potential hazards that may affect the integrity of the system or the safety of district employees and the general public, which are recorded and prioritized based on the severity of the required repairs. The maintenance program adheres to CPUC General Orders 95 & 128 and includes, but is not limited by, the following preventive measures:

» Infrared inspections

- Line Department performs infrared inspections on equipment at the major load centers on the top 40 customers by revenue on a three-year cycle.

» Hot Washing

- Line Department schedules annual hot washing on the distribution equipment of customers identified by the District as affected by contaminants (such as excessive dust) to prevent unplanned outages. An industry trend has been to move toward silicone-based insulators which do not require washing.

» Fiber Optic Inspections

- The fiber optic system is inspected annually and directly relates to reliability for its ability to communicate to the reclosing and fault indicating devices.

» Distribution Inspections

- Patrolled inspections are performed annually in urban areas and bi-annually in rural areas. A detailed inspection is performed on a five-year cycle, dividing the service area into five parts to allow for a detailed inspection to occur every year.

» Fire Zone Inspections

- All TID facilities within identified TID fire zones will be inspected annually unless otherwise noted in the TID Wildfire Mitigation Plan.

4. WHAT PROJECTS/PROGRAMS ARE IN THE WORKS

4.1 Overview

TID is a forward-thinking utility with near-term planning in the 1–5-year range as well as long-term planning in the 5–20-year range.

Programs are in place to better manage outages and allow for system-wide visualization from the operators to the field. Furthermore, TID has several capital projects planned in the 1–5-year horizon that aim to increase system reliability.

Future Capital Projects	
Ceres Feeder 8 Reconductor	<ul style="list-style-type: none">• This project will increase feeder capacity and provide additional back-feed options to adjacent feeders in the area of Ceres. This area is difficult to back-feed during summer contingencies.
Central Avenue (Westport 3)	<ul style="list-style-type: none">• This project will offload Roeding Feeder 6 as well as Roeding Bank 2, which is at risk of experiencing overloading due to increased growth in the Ceres area.
Crows Landing Feeder 1 Getaways	<ul style="list-style-type: none">• This project will increase capacity at Crows Landing Feeder 1. The feeder is currently limited by the getaways. This improvement will provide additional back-feed options to adjacent feeders in the Ceres area.
East Whitmore Avenue Reconductor (Roeding 2 – Roeding 3)	<ul style="list-style-type: none">• This project will provide an additional back-feed option for Roeding Feeder 2, which is part of the Ceres and is a difficult area to back-feed during summer contingencies.
Gilstrap 17 Reconductor	<ul style="list-style-type: none">• This will increase capacity at Gilstrap 17, which is currently limited by the #3/0 AA conductor. This feeder is at risk of experiencing overloads during the summer.
Patterson Vault Replacement	<ul style="list-style-type: none">• Vaults are collapsing due to the longevity of the original redwood construction. This presents a substantial impact to SAIDI on Marshall Feeder 2 and Rogers Feeder 2.

Various 12 kV Conversions

- This project will eliminate old 7.2 kV facilities and #6 CU conductors. This smaller conductor is prone to failure, while the 7.2 kV facilities create a scenario that may lead to voltage and current imbalance on a feeder. This creates service quality issues for the customer.

4.2 Expected Results

The Outage Management System (OMS) is expected to initially have a negative impact on our reliability indices because the recording process is measured at the individual meter rather than receiving an outage call from a customer or at the switching and fusing devices. Once familiar with the system and integrated with field mobility tools, the OMS will provide predicted fault locations and defined switching orders to allow the TID field crews and troubleshooters to locate the root cause much quicker. The OMS will also suggest automated and manual switch operations to restore power to many customers before or during the focused effort to repair the damaged portion of the feeder.

Field Inspection Program results will yield a prioritized list that can be determined by a simple time-based trigger or can be more elaborate with types of equipment used, such as the number of operations, amount of loading or temperature reads. This new level of work management and its ability to record the data in the field and automatically upload results to the enterprise systems will allow TID to focus efforts on equipment repair and replacements before they fail. This will ultimately affect the frequency of outages and improve reliability.

An advanced application such as Fault Location, Isolation, and Supply Restoration (FLISR) could automate the isolation of outage events by determining the fault location utilizing map information and fault magnitudes. This precise network knowledge allows TID to isolate the issue to restore the supply of electricity to as many customers as possible while investigating and remediating the cause.



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