

As a matter of proper business decorum, the Board of Directors respectfully request that all cell phones be turned off or placed on vibrate. To prevent any potential distraction of the proceeding, we request that side conversations be taken outside the meeting room.

AGENDA
REGULAR BOARD MEETING
THREE VALLEYS MUNICIPAL WATER DISTRICT
1021 E. MIRAMAR AVENUE, CLAREMONT, CA 91711

Wednesday, February 6, 2019
8:00 a.m.

The mission of Three Valleys Municipal Water District is to supplement and enhance local water supplies to meet our region's needs in a reliable and cost-effective manner.

Item 1 – Call to Order

Kuhn

Item 2 – Pledge of Allegiance

Kuhn

Item 3 – Roll Call

Administrative
Assistant

Item 4 – Additions to Agenda (*Government Code Section 54954.2(b)(2)*)

Kuhn

Additions to the agenda may be considered when two-thirds of the board members present determine a need for immediate action, and the need to act came to the attention of TVMWD after the agenda was posted; this exception requires a degree of urgency. If fewer than two-thirds of the board members are present, all must affirm the action to add an item to the agenda. *The Board shall call for public comment prior to voting to add any item to the agenda after posting.*

Item 5 – Reorder Agenda

Kuhn

Item 6 – Public Comment (*Government Code Section 54954.3*)

Kuhn

Opportunity for members of the public to directly address the Board on items of public interest within its jurisdiction. The public may also address the Board on items being considered on this agenda. TVMWD requests that all public speakers complete a speaker's card and provide it to the Administrative Assistant.

We request that remarks be limited to five minutes or less. Pursuant to Government Code Section 54954.3, if speaker is utilizing a translator, the total allotted time will be doubled.

Item 7 – Administer Oath of Office, Director of Division 7

The oath of office will be administered to the newly appointed Director Denise Jackman, Division 7. Term of office commencing on January 23, 2019 through December 2020.

Item 8 – Presentation: Chandler Asset Management

Item 9 – General Manager’s Report

Litchfield

The Executive Leadership Team will provide brief updates on existing matters under their purview and will be available to respond to any questions thereof.

9.A – Annual Investment Policy Review [enc]

Linthicum

The Board will conduct their annual investment policy review and may direct staff to return for action at the February 20, 2019 meeting.

9.B – Strategic Plan Review FY 19-20, draft [enc]

Linthicum

The Board will consider the draft FY 19-20 Strategic Plan and may direct staff to return for action at the February 20, 2019 meeting.

9.C – FY 19-20 Budget Review Schedule [enc]

Linthicum

The Board will be provided with the budget review schedule for FY 19-20.

9.D – Annual Letter from JPIA [enc]

Howie

The Board will receive the President’s Special Recognition Award for the JPIA membership categories of Worker’s Compensation, Liability and Property.

9.E – MWD Solar Cup Challenge Update [enc]

Litchfield

Staff is requesting direction from the Board regarding the Solar Cup Program.

Item 10 – Future Agenda Items

Kuhn

Item 11 – Adjournment

Kuhn

The board will adjourn to a regular board meeting on February 20, 2019 at 8:00 a.m.

American Disabilities Act Compliance Statement

Government Code Section 54954.2(a)



Any request for disability-related modifications or accommodations (including auxiliary aids or services) sought to participate in the above public meeting should be directed to the TVMWD's Executive Assistant at (909) 621-5568 at least 24 hours prior to meeting.

Agenda items received after posting

Government Code Section 54957.5

Materials related to an item on this agenda submitted after distribution of the agenda packet are available for public review at the TVMWD office located at, 1021 East Miramar Avenue, Claremont, CA, 91711. The materials will also be posted on the TVMWD website at www.threevalleys.com.


Three Valleys MWD Board Meeting packets and agendas are available for review on its website at www.threevalleys.com. The website is updated on Sunday preceding any regularly scheduled board meeting.



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Board of Directors Staff Report

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: February 6, 2019
Subject: **Annual Investment Policy Review**

<input type="checkbox"/> For Action	<input type="checkbox"/> Fiscal Impact	<input type="checkbox"/> Funds Budgeted
<input checked="" type="checkbox"/> Information Only	<input type="checkbox"/> Cost Estimate:	\$

Requested Action:

Return this item for consideration of adoption at the February 20, 2019 meeting.

Background:

Board policy dictates that an annual review of TVMWD's investment policy take place. This stems from Government Code section 53646 requiring agencies to develop an investment policy and implement periodic changes that may occur in reporting requirements. If changes to the existing policy are recommended, a new resolution is issued with the Board approved recommendations.

In 2017 TVMWD's investment policy successfully completed CMTA's (California Municipal Treasurers Association) Investment Policy Certification program.

Discussion:

Attached for Board review is the most recently adopted (September 20, 2017) TVMWD investment policy updated to reflect two changes suggested by Chandler Asset Management. Neither change is considered major or alters current practices.

Fiscal Impact:

None

Staff Recommendation:

No Action Necessary – Informational Item Only

Strategic Plan Objective(s):

- 3.1 – Utilize and comply with a set of financial policies to maintain TVMWD's financial health
- 3.3 – Be accountable and transparent with major decisions

Attachment(s):

Exhibit A – Annual Investment Policy Resolution 2019

Meeting History:

None

MC/JL

RESOLUTION NO. 19-02-DRAFT**A RESOLUTION OF THE BOARD OF DIRECTORS OF
THREE VALLEYS MUNICIPAL WATER DISTRICT
ESTABLISHING AN INVESTMENT POLICY****1.0 POLICY**

WHEREAS; the Legislature of the State of California has declared that the deposit and investment of public funds by local officials and local agencies is an issue of statewide concern; and

WHEREAS; the legislative body of a local agency may invest monies not required for the immediate necessities of the local agency in accordance with the provisions of California Government Code Sections 5922 and 53601 et seq.; and

WHEREAS; the General Manager of the Three Valleys Municipal Water District ("TVMWD") shall annually prepare and submit a statement of investment policy and such policy, and any changes thereto, shall be considered by the Board of Directors at a public meeting;

NOW THEREFORE, it shall be the policy of TVMWD to invest funds in a manner which will provide the highest investment return with the maximum security while meeting the daily cash flow demands of TVMWD and conforming to all statutes governing the investment of TVMWD funds.

2.0 SCOPE

This investment policy applies to all financial assets of TVMWD except bond funds and funds held in trust for pension and OPEB liabilities. All funds are accounted for in the annual audit.

3.0 PRUDENCE

When investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of TVMWD, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of TVMWD. The standard of prudence to be used by investment officials shall be the "prudent investor" standard California Government Code 53600.3 and shall be applied in the context of managing an overall portfolio. Investment officers acting in accordance with written procedures and the investment policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely fashion and appropriate action is taken to control adverse developments.

4.0 OBJECTIVES

When investing, reinvesting, purchasing, acquiring, exchanging, selling and managing public funds, the primary objectives, in priority order, of the investment activities shall be:

1. **Safety:** Safety of principal is the foremost objective of the investment program. Investments of TVMWD shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. To attain this objective, diversification is required in order that potential losses on individual securities do not exceed the income generated from the remainder of the portfolio.
2. **Liquidity:** The investment portfolio will remain sufficiently liquid to enable TVMWD to meet all operating requirements which might be reasonably anticipated.
3. **Return on Investments:** The investment portfolio shall be designed with the objective of attaining a market rate of return throughout budgetary and economic cycles, taking into account the investment risk constraints and the cash flow characteristics of the portfolio.

5.0 DELEGATION OF AUTHORITY

Authority to manage the investment program is derived from California Government Code 53607, et seq. By annually adopting this investment policy, responsibility for the investment program is hereby delegated by the Board to the General Manager who shall establish written procedures for the operation of the investment program consistent with this investment policy. Procedures should include references to: safekeeping, PSA repurchase agreements, wire transfer agreements, collateral/depository agreements and banking service contracts, as appropriate. Such procedures shall include explicit delegation of authority to persons responsible for investment transactions. No person may engage in an investment transaction except as provided under the terms of this policy and the procedures established by the General Manager. The General Manager shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials. Under the provisions of California Government Code 53600.3, the General Manager is a trustee and a fiduciary subject to the prudent investor standard.

TVMWD may engage the services of one or more external investment managers to assist in the management of the TVMWD's investment portfolio in a manner consistent with the TVMWD's objectives. Such external managers may be granted discretion to purchase and sell investment securities in accordance with this Investment Policy. Such managers must be registered under the Investment Advisers Act of 1940.

6.0 ETHICS AND CONFLICTS OF INTEREST

Officers and employees involved in the investment process shall refrain from personal business activity that could conflict with the proper execution of the investment program, or which could impair their ability to make impartial investment decisions.

Employees and investment officials shall disclose to the General Manager any material interests in financial institutions with which they conduct business, and they shall further disclose any large personal financial/investment positions that could be related to the performance of the investment portfolio. Employees and officers shall refrain from undertaking any personal investment transactions with the same individual with whom business is conducted on behalf of TVMWD.

7.0 AUTHORIZED FINANCIAL INSTITUTIONS AND DEALERS

The General Manager will maintain a list of financial institutions, selected on the basis of credit worthiness, financial strength, experience and minimal capitalization authorized to provide investment services. In addition, a list will also be maintained of approved security broker/dealers selected by credit worthiness who are authorized to provide investment and financial advisory services in the State of California. No public deposit shall be made except in a qualified public depository as established by state laws.

For brokers/dealers of government securities and other investments, TVMWD shall select only broker/dealers who are licensed and in good standing with the California Department of Securities, the Securities and Exchange Commission, the National Association of Securities Dealers or other applicable self-regulatory organizations.

Before engaging in investment transactions with a broker/dealer, the General Manager shall have received from said firm a signed Certification Form. This form shall attest that the individual responsible for TVMWD's account with that firm has reviewed TVMWD's Investment Policy and that the firm understands the policy and intends to present investment recommendations and transactions to TVMWD that are appropriate under the terms and conditions of the Investment Policy. An annual review of the financial condition and registrations of qualified bidders will be conducted by the General Manager. A current audited financial statement is required to be on file for each financial institution and broker/dealer in which TVMWD invests.

All financial institutions and broker/dealers who desire to conduct investment transactions with TVMWD must supply the General Manager with the following: audited financial statements, proof of FINRA certification, trading resolution, proof of State of California registration, completed broker/dealer questionnaire, certification of having read the TVMWD's investment policy and depository contracts.

Selection of broker/dealers used by an external investment adviser retained by TVMWD will be at the sole discretion of the investment adviser. Where possible, transactions with broker/dealers shall be selected on a competitive basis and their bid or offering prices shall be recorded. If there is no other readily available competitive offering, best efforts will be made to document quotations for comparable or alternative securities. When purchasing new issue securities, no competitive offerings will be required as all dealers in the selling group offer those securities at the same original issue price.

8.0 AUTHORIZED AND SUITABLE INVESTMENTS

TVMWD is empowered by California Government Code 53601 et seq. to invest in the following:

- a. Bonds issued by TVMWD.
- b. United States Treasury Bills, Notes and Bonds.
- c. Registered state warrants or treasury notes or bonds issued by the State of California.
- d. Bonds, notes, warrants or other evidence of debt issued by a local agency within the State of California, including pooled investment accounts sponsored by the State of California, County Treasurers, other local agencies or Joint Powers Agencies.
- e. Federal agency or United States government-sponsored enterprise obligations, participations, or other instruments, including those issued by, or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises.
- f. Bankers' acceptances otherwise known as bills of exchange or time drafts that are drawn on and accepted by a commercial bank. Purchases of bankers' acceptances may not exceed 180 days maturity or 40% of the TVMWD's money that may be invested pursuant to this policy. However, no more than 30% of TVMWD's moneys may be invested in the bankers' acceptances of any one commercial bank pursuant to this policy. They are issued by institutions which have short-term debt obligations rated "A-1" or higher, or the equivalent, by at least one NRSRO; or long-term debt obligations which are rated in the "A" category or higher, or the equivalent, by at least one NRSRO.
- g. Commercial paper of "prime" quality of the highest ranking or of the highest letter and number rating as provided by a NRSRO. Eligible commercial paper shall have a maximum maturity of 270 days or less. TVMWD shall invest no more than 25% of its money in eligible commercial paper. TVMWD may purchase no more than 10% of the outstanding commercial paper of any single issuer. The entity that issues the commercial paper shall meet all the following conditions in either paragraph 1 or 2:

1. The entity meets the following criteria:
 - a. Is organized and operating in the US as a general corporation.
 - b. Has total assets in excess of \$500,000,000
 - c. Has debt other than commercial paper, if any, that is rated in a rating category of "A" or its equivalent or higher by an NRSRO.
 2. The entity meets the following criteria:
 - a. Is organized within the US as a special purpose corporation, trust, or limited liability company.
 - b. Has program wide credit enhancements including, but not limited to, overcollateralization, letters of credit, or a surety bond.
 - c. Has commercial paper that is rated "A-1" or higher, or the equivalent, by an NRSRO.
- h. Negotiable certificates of deposit issued by a nationally or state-chartered bank, a savings association or a federal association (as defined by Section 5102 of the Financial Code), a state or federal credit union, or by a federally licensed or state-licensed branch of a foreign bank. Purchases of negotiable certificates of deposit may not exceed 30% of TVMWD's money which may be invested pursuant to this policy.
- i. Repurchase/Reverse Repurchase Agreements of any securities authorized by Section 53601. Securities purchased under these agreements shall be no less than 102% of market value and are subject to the special limits in California Government Code 53601(i). Repurchase Agreements are subject to a Master Repurchase Agreement between TVMWD and the provider of the repurchase agreement. The Master Repurchase Agreement will be substantially in the form developed by the Securities Industry and Financial Markets Association (SIFMA). The total of all reverse repurchase agreement and securities lending agreements on investments owned by TVMWD may not exceed 20% of the base value of the portfolio.
- j. Medium term notes, defined as all corporate and depository institution debt securities with a maximum remaining maturity of five years or less, issued by corporations organized and operating within the United States or by depository institutions licensed by the United States or any state and operating within the United States. Notes eligible for investment under this subdivision shall be rated in the "A" category or better, or the equivalent, by a NRSRO. Purchases of medium-term notes shall not include other instruments authorized by this policy and may not exceed 30% of TVMWD's money which may be invested pursuant to this policy.
- k. Mutual funds and money market mutual funds that are registered with the Securities and Exchange Commission under the Investment Company Act of 1940, provided that:
 1. Mutual Funds that invest in the securities and obligations as authorized under California Government Code, Section 53601 (a) to (k) and (m) to (q)

- inclusive and that meet either of the following criteria:
- a. Attained the highest ranking or the highest letter and numerical rating provided by not less than two NRSROs; or
 - b. Have retained an investment adviser registered or exempt from registration with the Securities and Exchange Commission with not less than five years' experience investing in the securities and obligations authorized by California Government Code, Section 53601 and with assets under management in excess of \$500 million.
 - c. No more than 10% may be invested in the shares of any one mutual fund.
2. Money Market Mutual Funds registered with the Securities and Exchange Commission under the Investment Company Act of 1940 and issued by diversified management companies and meet either of the following criteria:
- a. Have attained the highest ranking or the highest letter and numerical rating provided by not less than two NRSROs; or
 - b. Have retained an investment adviser registered or exempt from registration with the Securities and Exchange Commission with not less than five years' experience managing money market mutual funds with assets under management in excess of \$500 million.
 - c. No more than 20% of the portfolio may be invested in Money Market Mutual Funds.
3. No more than 20% of the portfolio may be invested in these securities.
- i. Moneys held by a trustee or fiscal agent and pledged to the payment or security of bonds or other indebtedness, or obligations under a lease, installment sale, or other agreement of a local agency, or certificates of participation in those bonds, indebtedness, or lease installment sale, or other agreements, may be invested in accordance with the statutory provisions governing the issuance of those bonds, indebtedness, or lease installment sale, or other agreement, or to the extent not inconsistent therewith or if there are no specific statutory provisions, in accordance with the ordinance, resolution, indenture, or agreement of the local agency providing for the issuance.
 - m. Notes, bonds, or other obligations that are at all times secured by a valid first priority security interest in securities of the types listed by California Government Code Section 53651 as eligible securities for the purpose of securing local agency deposits having a market value at least equal to that required by California Government Code Section 53652 for the purpose of securing local agency deposits. The securities serving as collateral shall be placed by delivery or book entry into the custody of a trust company or the trust department of a bank which is not affiliated with the issuer of the secured obligation, and the security interest shall be perfected in accordance with the requirements of the Uniform Commercial Code or federal regulations applicable to the types of securities in which the security interest is granted.

- n. Any mortgage pass-through security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-backed certificate, consumer receivable pass-through certificate, or consumer receivable-backed bond of a maximum of five years maturity. Securities eligible for investment under this subdivision shall be ~~issued by an issuer having a rating in the "A" category or higher, or the equivalent, by at least one NRSRO and~~ rated in a rating category of "AA" or higher, or the equivalent, by at least one NRSRO. Purchase of securities authorized by this subdivision may not exceed 20% of TVMWD's money that may be invested pursuant to this policy.
- o. Supranationals, provided that issues are US dollar denominated, senior unsecured, unsubordinated, obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development, International Finance Corporation, or Inter-American Development Bank. Securities eligible under this subdivision will be rated in the "AA" category or higher, or the equivalent, by a NRSRO. No more than 30% of the total portfolio may be invested in these securities. No more than 10% of the portfolio may be invested in any single issuer, and the maximum maturity may not exceed five years.
- p. Any other investment security authorized under the provisions of California Government Code 5922 and 53601.

Commented [JL1]: AB 1770 changed the investment criteria in California Government Code with respect to these securities. It removed the "A" or better issuer credit rating requirement.

9.0 INVESTMENT POOLS / MUTUAL FUNDS

TVMWD shall conduct a thorough investigation of any pool or mutual fund prior to making an investment, and on a continual basis thereafter. The General Manager shall develop a questionnaire which will answer the following general questions:

1. A description of eligible investment securities, and a written statement of investment policy and objectives.
2. A description of interest calculations and how it is distributed, and how gains and losses are treated.
3. A description of how the securities are safeguarded (including the settlement processes), and how often the securities are priced and the program audited.
4. A description of who may invest in the program, how often, what size deposit and withdrawal are allowed.
5. A schedule for receiving statements and portfolio listings.
6. Are reserves, retained earnings, etc. utilized by the pool/fund?
7. A fee schedule, and when and how is it assessed.
8. Is the pool/fund eligible for bond proceeds and/or will it accept such proceeds?

10.0 MAXIMUM MATURITIES

Such investments shall be limited to securities that at the time of the investment have a term remaining to maturity of five years or less, or as provided above. To the extent

possible, investments shall be matched with anticipated cash flow requirements and known future liabilities.

11.0 PROHIBITED INVESTMENTS AND PRACTICES

TVMWD shall not invest any funds covered by this Investment Policy in inverse floaters, range notes, interest-only strips derived from mortgage pools, options and futures, or any investment that may result in a zero interest accrual if held to maturity. Also prohibited is trading securities for the sole purpose of speculating on the future direction of interest rates, purchasing or selling securities on margin, securities lending or any form of borrowing or leverage, and the purchase of foreign currency denominated securities.

12.0 REVIEW OF INVESTMENT PORTFOLIO

The General Manager shall periodically, but no less than quarterly, review the portfolio to identify investments that do not comply with this investment policy and establish protocols for reporting major and critical incidences of noncompliance to TVMWD.

13.0 MITIGATING CREDIT RISK IN THE PORTFOLIO

Credit risk is the risk that a security or a portfolio will lose some or all of its value due to a real or perceived change in the ability of the issuer to repay its debt. TVMWD shall mitigate credit risk by adopting the following strategies:

- a. TVMWD may elect to sell a security prior to its maturity and record a capital gain or loss in order to improve the quality, liquidity or yield of the portfolio in response to the market conditions or TVMWD's risk preferences; and.
- b. If securities owned by the TVMWD are downgraded to a level below the credit quality required by this Investment Policy, it shall be the TVMWD's policy to review the credit situation and make a determination as to whether to sell or retain such securities in the portfolio. If a decision is made to retain a downgraded security in the portfolio, its presence in the portfolio will be monitored and reported quarterly to the governing board.
- c. No more than 5% of the total portfolio may be invested in securities of any single issuers, except where the issuer is the US Government, its Agencies and GSEs, an authorized Supranational issuer, or where the security is a Money Market Mutual Fund, Local Agency Investment Fund (LAIF), or other Local Government Investment Pool, or where otherwise specified in this investment policy.

14.0 COLLATERALIZATION

All certificates of deposit must be collateralized by United States Treasury Obligations. Collateral must be held by a third-party trustee and valued on a monthly basis. The

percentage of collateralizations on repurchase and reverse agreements will adhere to the amount required under California Government Code 53601(i)(2).

Certificates of Deposit (CDs). TVMWD shall require any commercial bank or savings and loan association to deposit eligible securities with an agency of a depository approved by the State Banking Department to secure any uninsured portion of a Non-Negotiable Certificate of Deposit. The value of eligible securities as defined pursuant to California Government Code, Section 53651, pledged against a Certificate of Deposit shall be equal to 150% of the face value of the CD if the securities are classified as mortgages and 110% of the face value of the CD for all other classes of security.

Collateralization of Bank Deposits. This is the process by which a bank or financial institution pledges securities, or other deposits for the purpose of securing repayment of deposited funds. TVMWD shall require any bank or financial institution to comply with the collateralization criteria defined in California Government Code, Section 53651.

Repurchase Agreements. TVMWD requires that Repurchase Agreements be collateralized only by securities authorized in accordance with California Government Code:

- The securities which collateralize the repurchase agreement shall be priced at Market Value, including any Accrued Interest plus a margin. The Market Value of the securities that underlie a repurchase agreement shall be valued at 102% or greater of the funds borrowed against those securities.
- Financial institutions shall mark the value of the collateral to market at least monthly and increase or decrease the collateral to satisfy the ratio requirement described above.
- TVMWD shall receive monthly statements of collateral.

15.0 SAFEKEEPING AND CUSTODY

All security transactions entered into by TVMWD shall be conducted on delivery-versus-payment (DVP) basis. All securities purchased or acquired shall be held by a third-party custodian designated by the General Manager and evidenced by safekeeping receipts.

16.0 DIVERSIFICATION

TVMWD will diversify its investments by security type and institution. Assets shall be diversified to eliminate the risk of loss resulting from over concentration of assets in a specific maturity, a specific issuer or a specific class of securities. No more than 5% of the total portfolio may be invested in securities of any single issuer, except where the issuer is the US Government, its Agencies and GSEs, an authorized Supranational issuer or where the security is a Money Market Mutual Fund, Local Agency Investment Fund (LAIF) or other Local Government Investment Pool, unless otherwise specified in this investment policy. Diversification strategies shall be reviewed and revised periodically. In establishing specific diversification strategies, the following general policies and constraints shall apply:

- a. Maturities selected shall provide for stability of income and liquidity.
- b. Disbursement and payroll dates shall be covered through maturities of investments, marketable United States Treasury bills or other cash equivalent instruments such as money market mutual funds.

17.0 INTERNAL CONTROLS

The General Manager shall establish an annual process of independent review by an external auditor. This review will provide internal control by assuring compliance with policies and procedures.

18.0 REPORTING

The General Manager shall submit to each member of the Board of Directors an investment report monthly, within 30 days after the end of the reporting period in accordance with California Government Code Section 53607. These reports will disclose, at minimum, the following information about the characteristics of the portfolio:

1. An asset listing showing par value, cost and independent third-party fair market value of each security as of the date of the report, the source of the valuation, type of investment, issuer, maturity date and interest rate.
2. Monthly transactions for the period.
3. A one-page summary report that shows:
 - a. Average maturity of the portfolio and modified duration of the portfolio;
 - b. Maturity distribution of the portfolio;
 - c. Average portfolio credit quality; and,
 - d. Time-weighted total rate of return for the portfolio for the prior one month, three months, twelve months and since inception compared to TVMWD's market benchmark returns for the same periods;
4. A statement of compliance with investment policy, including a schedule of any transactions or holdings which do not comply with this policy or with the California Government Code, including a justification for their presence in the portfolio and a timetable for resolution.
5. A statement that TVMWD has adequate funds to meet its cash flow requirements for the next six months.

A comprehensive annual report will be presented. This report will include comparisons of the portfolio's return to the benchmark return, suggest policies and improvements that

might enhance the investment program, and will include an investment plan for the coming year.

19.0 INVESTMENT POLICY ADOPTION

The Investment Policy shall be adopted by resolution of TVMWD. Moreover, the Policy shall be reviewed on an annual basis, and modifications must be approved by the Board of Directors.

The General Manager shall establish written investment policy procedures for the operation of the investment program consistent with this policy. The procedures should include reference to: safekeeping, master repurchase agreements, wire transfer agreements, banking service contracts and collateral/depository agreements. Such procedures shall include explicit delegation of authority to persons responsible for investment transactions. No person may engage in an investment transaction except as provided under the terms of this policy and the procedures established by the TVMWD.

20.0 PERFORMANCE EVALUATION

The investment portfolio shall be designed to attain a market-average rate of return throughout budgetary and economic cycles, taking into account TVMWD's risk constraints, the cash flow characteristics of the portfolio, state and local laws and ordinances or resolutions that restrict investments.

The General Manager shall monitor and evaluate the portfolio's performance relative to market benchmark, which will be included in the General Manager's quarterly report. The General Manager shall select an appropriate, readily available index to use as a market benchmark.

21.0 REVIEW OF INVESTMENT PORTFOLIO

The General Manager shall periodically, but no less than quarterly, review the portfolio to identify investments that do not comply with this investment policy and establish protocols for reporting major and critical incidences of noncompliance to the Board.

Commented [JL2]: This section was inadvertently removed from the previous version.

22.0 GLOSSARY

Agencies. Shorthand market terminology for any obligation issued by a government-sponsored entity (GSE), or a federally related institution. Most obligations of GSEs are not guaranteed by the full faith and credit of the US government. Examples are:

FFCB. The Federal Farm Credit Bank System provides credit and liquidity in the agricultural industry. FFCB issues discount notes and bonds.

FHLB. The Federal Home Loan Bank provides credit and liquidity in the housing market. FHLB issues discount notes and bonds.

FHLMC. Like FHLB, the Federal Home Loan Mortgage Corporation provides credit and liquidity in the housing market. FHLMC, also called "Freddie Mac" issues discount notes, bonds and mortgage pass-through securities.

FNMA. Like FHLB and Freddie Mac, the Federal National Mortgage Association was established to provide credit and liquidity in the housing market. FNMA, also known as “Fannie Mae,” issues discount notes, bonds and mortgage pass-through securities.

GNMA. The Government National Mortgage Association, known as “Ginnie Mae,” issues mortgage pass-through securities, which are guaranteed by the full faith and credit of the US Government.

PEFCO. The Private Export Funding Corporation assists exporters. Obligations of PEFCO are not guaranteed by the full faith and credit of the US government.

TVA. The Tennessee Valley Authority provides flood control and power and promotes development in portions of the Tennessee, Ohio, and Mississippi River valleys. TVA currently issues discount notes and bonds.

Asked. The price at which a seller offers to sell a security.

Asset Backed Securities. Securities supported by pools of installment loans or leases or by pools of revolving lines of credit.

Average Life. In mortgage-related investments, including CMOs, the average time to expected receipt of principal payments, weighted by the amount of principal expected.

Banker’s Acceptance. A money market instrument created to facilitate international trade transactions. It is highly liquid and safe because the risk of the trade transaction is transferred to the bank which “accepts” the obligation to pay the investor.

Benchmark. A comparison security or portfolio. A performance benchmark is a partial market index, which reflects the mix of securities allowed under a specific investment policy.

Bid. The price at which a buyer offers to buy a security.

Broker. A broker brings buyers and sellers together for a transaction for which the broker receives a commission. A broker does not sell securities from his own position.

Callable. A callable security gives the issuer the option to call it from the investor prior to its maturity. The main cause of a call is a decline in interest rates. If interest rates decline since an issuer issues securities, it will likely call its current securities and reissue them at a lower rate of interest. Callable securities have reinvestment risk as the investor may receive its principal back when interest rates are lower than when the investment was initially made.

Certificate of Deposit (CD). A time deposit with a specific maturity evidenced by a certificate. Large denomination CDs may be marketable.

Collateral. Securities or cash pledged by a borrower to secure repayment of a loan or repurchase agreement. Also, securities pledged by a financial institution to secure deposits of public monies.

Collateralized Mortgage Obligations (CMO). Classes of bonds that redistribute the cash flows of mortgage securities (and whole loans) to create securities that have different levels of prepayment risk, as compared to the underlying mortgage securities.

Commercial Paper. The short-term unsecured debt of corporations.

Cost Yield. The annual income from an investment divided by the purchase cost.

Because it does not give effect to premiums and discounts which may have been included in the purchase cost, it is an incomplete measure of return.

Coupon. The rate of return at which interest is paid on a bond.

Credit Risk. The risk that principal and/or interest on an investment will not be paid in a timely manner due to changes in the condition of the issuer.

Current Yield. The annual income from an investment divided by the current market value. Since the mathematical calculation relies on the current market value rather than the investor's cost, current yield is unrelated to the actual return the investor will earn if the security is held to maturity.

Dealer. A dealer acts as a principal in security transactions, selling securities from and buying securities for his own position.

Debenture. A bond secured only by the general credit of the issuer.

Delivery vs. Payment (DVP). A securities industry procedure whereby payment for a security must be made at the time the security is delivered to the purchaser's agent.

Derivative. Any security that has principal and/or interest payments which are subject to uncertainty (but not for reasons of default or credit risk) as to timing and/or amount, or any security which represents a component of another security which has been separated from other components ("Stripped" coupons and principal). A derivative is also defined as a financial instrument the value of which is totally or partially derived from the value of another instrument, interest rate, or index.

Discount. The difference between the par value of a bond and the cost of the bond, when the cost is below par. Some short-term securities, such as T-bills and banker's acceptances, are known as discount securities. They sell at a discount from par, and return the par value to the investor at maturity without additional interest. Other securities, which have fixed coupons, trade at a discount when the coupon rate is lower than the current market rate for securities of that maturity and/or quality.

Diversification. Dividing investment funds among a variety of investments to avoid excessive exposure to any one source of risk.

Duration. The weighted average time to maturity of a bond where the weights are the present values of the future cash flows. Duration measures the price sensitivity of a bond to changes in interest rates. (See modified duration).

Federal Funds Rate. The rate of interest charged by banks for short-term loans to other banks. The Federal Reserve Bank through open-market operations establishes it.

Federal Open Market Committee. A committee of the Federal Reserve Board that establishes monetary policy and executes it through temporary and permanent changes to the supply of bank reserves.

Haircut. The margin or difference between the actual market value of a security and the value assessed by the lending side of a transaction (i.e. a repo).

Leverage. Borrowing funds in order to invest in securities that have the potential to pay earnings at a rate higher than the cost of borrowing.

Liquidity. The speed and ease with which an asset can be converted to cash.

Make Whole Call. A type of call provision on a bond that allows the issuer to pay off the remaining debt early. Unlike a call option, with a make whole call

provision, the issuer makes a lump sum payment that equals the net present value (NPV) of future coupon payments that will not be paid because of the call. With this type of call, an investor is compensated, or "made whole."

Margin. The difference between the market value of a security and the loan a broker makes using that security as collateral.

Market Risk. The risk that the value of securities will fluctuate with changes in overall market conditions or interest rates.

Market Value. The price at which a security can be traded.

Marking to Market. The process of posting current market values for securities in a portfolio.

Maturity. The final date upon which the principal of a security becomes due and payable.

Medium Term Notes. Unsecured, investment-grade senior debt securities of major corporations which are sold in relatively small amounts on either a continuous or an intermittent basis. MTNs are highly flexible debt instruments that can be structured to respond to market opportunities or to investor preferences.

Modified Duration. The percent change in price for a 100 basis point change in yields. Modified duration is the best single measure of a portfolio's or security's exposure to market risk.

Money Market. The market in which short-term debt instruments (T-bills, discount notes, commercial paper, and banker's acceptances) are issued and traded.

Mortgage Pass-Through Securities. A securitized participation in the interest and principal cash flows from a specified pool of mortgages. Principal and interest payments made on the mortgages are passed through to the holder of the security.

Municipal Securities. Securities issued by state and local agencies to finance capital and operating expenses.

Mutual Fund. An entity which pools the funds of investors and invests those funds in a set of securities which is specifically defined in the fund's prospectus. Mutual funds can be invested in various types of domestic and/or international stocks, bonds, and money market instruments, as set forth in the individual fund's prospectus. For most large, institutional investors, the costs associated with investing in mutual funds are higher than the investor can obtain through an individually managed portfolio.

Nationally Recognized Statistical Rating Organization (NRSRO). A credit rating agency that the Securities and Exchange Commission in the United States uses for regulatory purposes. Credit rating agencies provide assessments of an investment's risk. The issuers of investments, especially debt securities, pay credit rating agencies to provide them with ratings. The three most prominent NRSROs are Moody's, S&P and Fitch.

Premium. The difference between the par value of a bond and the cost of the bond, when the cost is above par.

Prepayment Speed. A measure of how quickly principal is repaid to investors in mortgage securities.

Prepayment Window. The time period over which principal repayments will be

received on mortgage securities at a specified prepayment speed.

Primary Dealer. A financial institution (1) that is a trading counterparty with the Federal Reserve in its execution of market operations to carry out U.S. monetary policy, and (2) that participates for statistical reporting purposes in compiling data on activity in the U.S. Government securities market.

Prudent Person (Prudent Investor) Rule. A standard of responsibility which applies to fiduciaries. In California, the rule is stated as "Investments shall be managed with the care, skill, prudence and diligence, under the circumstances then prevailing, that a prudent person, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of like character and with like aims to accomplish similar purposes."

Realized Yield. The change in value of the portfolio due to interest received and interest earned and realized gains and losses. It does not give effect to changes in market value on securities, which have not been sold from the portfolio.

Regional Dealer. A financial intermediary that buys and sells securities for the benefit of its customers without maintaining substantial inventories of securities and that is not a primary dealer.

Repurchase Agreement. Short-term purchases of securities with a simultaneous agreement to sell the securities back at a higher price. From the seller's point of view, the same transaction is a reverse repurchase agreement.

Safekeeping. A service to bank customers whereby securities are held by the bank in the customer's name.

Structured Note. A complex, fixed income instrument, which pays interest, based on a formula tied to other interest rates, commodities or indices. Examples include inverse floating rate notes which have coupons that increase when other interest rates are falling, and which fall when other interest rates are rising, and "dual index floaters," which pay interest based on the relationship between two other interest rates - for example, the yield on the ten-year Treasury note minus the Libor rate. Issuers of such notes lock in a reduced cost of borrowing by purchasing interest rate swap agreements.

Total Rate of Return. A measure of a portfolio's performance over time. It is the internal rate of return, which equates the beginning value of the portfolio with the ending value; it includes interest earnings, realized and unrealized gains, and losses in the portfolio.

U.S. Treasury Obligations. Securities issued by the U.S. Treasury and backed by the full faith and credit of the United States. Treasuries are considered to have no credit risk, and are the benchmark for interest rates on all other securities in the US and overseas. The Treasury issues both discounted securities and fixed coupon notes and bonds.

Treasury Bills. All securities issued with initial maturities of one year or less are issued as discounted instruments, and are called Treasury bills. The Treasury currently issues three- and six-month T-bills at regular weekly auctions. It also issues "cash management" bills as needed to smooth out cash flows.

Treasury Notes. All securities issued with initial maturities of two to ten years are

called Treasury notes, and pay interest semi-annually.

Treasury Bonds. All securities issued with initial maturities greater than ten years are called Treasury bonds. Like Treasury notes, they pay interest semi-annually.

Volatility. The rate at which security prices change with changes in general economic conditions or the general level of interest rates.

Yield to Maturity. The annualized internal rate of return on an investment which equates the expected cash flows from the investment to its cost.

ADOPTED and **PASSED** at a meeting of the Three Valleys Municipal Water District's Board of Directors, on this 20th day of February 2019 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST:

Bob G. Kuhn, President

Brian Bowcock, Secretary

SEAL:


ITEM 9.B

**STRATEGIC PLAN
REVIEW**

**WILL BE
DISTRIBUTED PRIOR
TO MEETING**



Board of Directors Staff Report

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: February 6, 2019
Subject: **FY 19-20 Budget Review Schedule**

<input type="checkbox"/> For Action	<input type="checkbox"/> Fiscal Impact	<input type="checkbox"/> Funds Budgeted
<input type="checkbox"/> Information Only	<input type="checkbox"/> Cost Estimate:	\$

Requested Action:

No Action Necessary – Informational Item Only

Discussion:

Included below is the tentative schedule for review of the FY 2019-20 budget. Meeting dates listed are tentative and subject to change by the General Manager and the Board.

2/6/19	Board Workshop	Budget Review Schedule
3/6/19	Board Workshop	Budget Workshop Water Sales Predictions (1 st draft) Overall Budget and Rates (1 st draft)
3/12/19	Manager’s Meeting	Water Sales Predictions (1 st draft) Overall Budget and Rates (1 st draft)
4/3/19	Board Workshop	Water Sales Predictions (2 nd draft) Overall Budget and Rates (2 nd draft)
4/9/19	Manager’s Meeting	Water Sales Predictions (2 nd draft) Overall Budget and Rates (2 nd draft)
4/17/19	Board Meeting	Adoption of FY 2019-20 Budget and 2020 Rates

Fiscal Impact:

None

Staff Recommendation:

No Action Necessary – Informational Item Only

Strategic Plan Objective(s):

3.1 – Utilize and comply with a set of financial policies to maintain TVMWD's financial health

3.3 – Be accountable and transparent with major decisions

Attachment(s):

None


Meeting History:

None

MC/JL



Board of Directors Staff Report

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: February 6, 2019
Subject: ACWA-JPIA Risk Management Update

<input type="checkbox"/>	For Action	<input type="checkbox"/>	Fiscal Impact	<input type="checkbox"/>	Funds Budgeted
<input checked="" type="checkbox"/>	Information Only	<input type="checkbox"/>	Cost Estimate:	\$	

Requested Action:

Information Only.

Discussion:

TVMWD's loss history in both the Workers' Compensation and Liability programs are better than average (less than 1.0). These efforts convert monetarily to TVMWD via premium discounts. For CY 2018 this amounted to greater than \$45,000.

TVMWD has not experienced a property loss in over 25 years. Subsequently, TVMWD was awarded the President's Special Recognition Award in each of the above-referenced categories, Worker's Compensation, Liability and Property. Attached are the certificates of recognition from ACWA/JPIA.

Fiscal Impact:

None.

Staff Recommendation:

No Action Necessary – Informational Item Only

Strategic Plan Objective(s):

3.3 – Be accountable and transparent with major decisions

3.6 – Achieve an IT Risk rating of "low" according to industry standard vulnerability assessment methodologies of NIST and SANS

Attachment(s):

Exhibit A – ACWA "President's Special Recognition Award" certificates

Meeting History:

None



ACWA JPIA

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President
E.G. "Jerry" Gladbach

Vice President
Tom Cuquet

Chief Executive Officer
Walter "Andy" Sells

Executive Committee
Tom Cuquet
David Drake
E.G. "Jerry" Gladbach
David T. Hodgin
W.D. "Bill" Knutson
Steven LaMar
Melody A. McDonald
J. Bruce Rupp
Kathleen Tiegs

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JAN 14 2019

THREE VALLEYS MWD

January 10, 2019

Three Valleys Municipal Water District (P006)
Richard Hansen
1021 E. Miramar Avenue
Claremont, CA 91711-2052

Dear Richard:

Each year at Fall Conference, the JPIA recognizes members that have a Loss Ratio of 20% or less in either of the Liability, Property, or Workers' Compensation programs (loss ratio = total losses / total premiums).

The members with this distinction receive the "**President's Special Recognition Award**" certificate for each Program that they qualify in.

The JPIA is extremely pleased to present Three Valleys Municipal Water District (P006) with this special recognition and commends the District on the hard work in reducing claims.

Congratulations to you, your staff, Board, and District. Keep up the good work!

The JPIA wishes you the best in 2019.

Sincerely,

E.G. "Jerry" Gladbach
President

Enclosure: President's Special Recognition Award(s)

President's Special Recognition Award

*The President of the
ACWA JPIA
hereby gives Special Recognition to*

Three Valleys Municipal Water District

*for achieving a low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums"
in the Liability Program for the period 10/01/2014 - 09/30/2017
announced at the Board of Directors' Meeting in San Diego.*

E. G. "Jerry" Gladbach

E. G. "Jerry" Gladbach, President



November 26, 2018

President's Special Recognition Award

*The President of the
ACWA JPIA
hereby gives Special Recognition to*

Three Valleys Municipal Water District

*for achieving a low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums"
in the Property Program for the period 04/01/2014 - 03/31/2017
announced at the Board of Directors' Meeting in San Diego.*

E. G. "Jerry" Gladbach
E. G. "Jerry" Gladbach, President



November 26, 2018

President's Special Recognition Award

*The President of the
ACWA JPIA
hereby gives Special Recognition to*

Three Valleys Municipal Water District

*for achieving a low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums"
in the Workers' Compensation Program for the period 07/01/2014 - 06/30/2017
announced at the Board of Directors' Meeting in San Diego.*



November 26, 2018

E. G. "Jerry" Gladbach
E. G. "Jerry" Gladbach, President



Board of Directors Staff Report

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager *ML*
Date: February 6, 2019
Subject: **Metropolitan Water District - Solar Cup Program and Commitment**

<input checked="" type="checkbox"/> For Action	<input checked="" type="checkbox"/> Fiscal Impact	<input type="checkbox"/> Funds Budgeted	
<input type="checkbox"/> Information Only	<input type="checkbox"/> Cost Estimate:	\$ 25,000.00	

Requested Action:

Staff is requesting direction from the Board of Directors as to whether they believe the overtime costs of hosting and staffing the Solar Cup Program hosted by Metropolitan Water District (MWD) should continue to be allocated to the program.

Since the inception of the Solar Cup program in 2002, Three Valleys Municipal Water District (TVMWD) has hosted the Boat Building Workshops, Technical Inspection Day and a few of the other workshops associated with the program.

TVMWD staff has always been exceptionally supportive and worked very hard to keep the program successful and our site and participants safe despite the extensive number of visitors that converge on the site in a single day or a weekend. The partnership formed through this program between TVMWD, MWD and the local schools has been tremendously rewarding.

Discussion:

MWD has always been gracious and extremely cooperative in the planning and execution of these events and TVMWD greatly appreciates the cooperative nature of the program.

However, over the years, the Solar Cup Program and many of the TVMWD staff have changed and it is now time to examine whether hosting Solar Cup workshops should continue to be a function that remains at TVMWD.

As schedules change at TVMWD and staffing continues to change, we are seeking a direct commitment from MWD that they will be able to adequately plan and execute the weekend events at TVMWD. This commitment needs to be delivered in the form of a mutually-agreed upon timeline and contract to adhere to that timeline.

Advance planning and full staffing is required. TVMWD cannot guarantee the same level of staffing and commitment that has been shown over the last 16 years. As such, staff is asking for direction from the Board of Directors as to whether they believe the costs of staffing and overtime should continue to be allocated to the program.

TVMWD staff would like to clearly communicate future plans with MWD about the direction to take as they plan their Solar Cup year. To do so, will need a commitment from TVMWD no later than April 2019 so that communicating with MWD can be done in a fair and effective manner for them to plan accordingly. We realize changing the venue of the workshops will be disruptive the first year, if that is the decision. Therefore, staff will communicate immediately with MWD once the decision is made.

Fiscal Impact:

MWD pays for any of the related expenses except TVMWD staffing, which of course, generates a substantial amount of overtime costs. Considering the amount of time and effort necessary to make the weekend events successful, asking for staff to volunteer is not feasible. Protecting the participants and our site has always been the main goals of TVMWD staff. To date, we have been successful.

Staff Recommendation:

Staff is requesting direction from the Board of Directors as to whether they believe the overtime costs of hosting and staffing the Solar Cup Program hosted by Metropolitan Water District (MWD) should continue to be allocated to the program.

Strategic Plan Objective(s):

2.3 –Manage water infrastructure and staff operations to minimize costs

3.3 – Be accountable and transparent with major decisions

Attachment(s):

None

Meeting History:

None

(MC)/(cd)