

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, September 4, 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 **Executive 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 Executive 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 – 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.

7.A – Chino Basin Watermaster 2020 Optimum Basin Management Program Update (OBMPU) Progress Report – [enc]

Litchfield

The Board will be provided with an update on the Chino Basin Optimum Basin Management Program.

7.B – Amendment to Grand Avenue Well Design (Project No. 58446) – Thomas Harder & Co. Groundwater Consulting – [enc]

Litchfield

The Board will review an amendment to the professional services agreement with Thomas Harder & Co. in the amount of \$74,000 for the Grand Avenue Well design and construction support services. Staff is seeking consideration to return this item to the September 18, 2019 Board meeting for approval.

7.C – Consideration of Purchasing 3,000 Acre-Feet of Cyclic Storage Water and Letter Agreement Regarding Schedule for Payment – [enc]

Litchfield

The Board will review the purchase of 3,000 acre-feet of cyclic storage water and the agreement regarding schedule for payment of cyclic water stored in CY 2019. Staff is seeking consideration to return this item to the September 18, 2019 Board meeting for approval.

7.D – Hydro Excavator Trailer with Valve Actuator – [enc]

Litchfield

The Board will review and consider the purchase of a Hydro Excavator with Valve Actuator. Staff is seeking consideration to return this item to the September 18, 2019 Board meeting for approval.

7.E – Resolution No. 19-09-DRAFT in Support of Balance Energy Solutions and Local Choice – [enc]

Howie

The Board will review Resolution No. 19-09-DRAFT in support of balance energy solutions and local choice. Staff is seeking consideration to return this item to the September 18, 2019 Board meeting for approval.

7.F – Proposed Amendments to the TVMWD Conflict of Interest Code – [enc]

Howie

The Board will review and consider recommended amendments to the District’s Conflict of Interest Code and direct staff to return for action at a future Board meeting.

7.G – Employee Health Care Costs CY 2020 – [enc]

Linthicum

The Board will be provided a summary of JPIA’s health care premiums for the upcoming year. Staff is seeking consideration to return this item to the September 18, 2019 Board meeting for approval.

7.H – Project Summary Update – [enc]

Peralta

The Board will review a summary update of ongoing projects.

Item 8 – Future Agenda Items

Kuhn

Item 9 – Adjournment and Next Meeting

Kuhn

The Board will adjourn to its next meeting scheduled for Wednesday, September 18, 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.



Board of Directors Staff Report

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: September 4, 2019
Subject: **Chino Basin Optimum Basin Management Program Update – Monthly 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:	

Staff Recommendation:

No Action Recommended – Informational item only.

Background:

The Chino Groundwater Basin is a vital resource for TVMWD member agencies as well as member agencies of the Inland Empire Utilities Agency (“IEUA”) and Western Municipal Water District (“WMWD”). Over the past 20 years, the Parties to the Chino Basin Judgement have collaborated on the development and implementation of the Optimum Basin Management Program (“OBMP”) which has enabled the region to manage the Chino Groundwater Basin to guarantee a reliable water supply for the benefit of the regional economy. Staff is actively engaged with the Chino Basin Watermaster (“Watermaster”) on the current OBMP Update process along with the other stakeholders within Chino Basin.

On June 19, 2019, the Board adopted **Resolution No. 19-06-861** in support of the OBMP Update process. Part of the process includes Watermaster providing a monthly written report to the stakeholders on key elements of the update, including goals, schedule and milestones achieved to date, to name a few. Attached as **Exhibit A** is the monthly update provided by Watermaster.

Strategic Plan Objective(s):

1.3 – Maintain diverse sources of water supplies and storage, and increase extractable water storage supplies to 10,000 AF

1.4 – Capable of delivering 10,000 AFY from local sources in case of drought or catastrophe

3.3 – Be accountable and transparent with major decisions

Attachment(s):

Exhibit A – Optimum Basin Management Program Update 2020

Meeting History:

June 19, 2019 - Board of Directors Meeting

NA/ML



2020

Optimum Basin Management Program Update

Background

The Chino Basin Judgment gave the Chino Basin Watermaster (Watermaster) the discretionary authority to develop an Optimum Basin Management Program (OBMP) for the Chino Basin, including both water quantity and quality considerations. Watermaster, with direction from the Court, began the development of the OBMP in 1998 and completed it in July 2000. The OBMP was developed in a collaborative public process that identified the needs and wants of all stakeholders; described the physical state of the groundwater basin; developed a set of management goals; identified impediments to those goals; described a series of actions that could be taken to remove those impediments and thereby achieve the management goals; developed and executed agreements to implement the OBMP; and certified a programmatic Environmental Impact Report (PEIR) pursuant to CEQA with IEUA as the lead agency.

By 2019, many of the projects and management programs envisioned in the 2000 OBMP have been implemented, while some have not. The OBMP goals have been partially achieved. The understanding of the hydrology and hydrogeology of the Chino Basin has improved since 2000, and new water-management issues have been identified that necessitate that the OBMP be adapted to protect the collective interests of the Chino Basin parties and their water supply reliability. For these reasons, the Watermaster parties are preparing a 2020 OBMP Update to set the framework for the next 20 to 30 years of basin-management activities.

2020 OBMP Update Goals



Enhance Basin
Water Supplies



Protect and Enhance
Water Quality



Enhance Management of
the Basin



Equitably Finance the
OBMP

Item 7.A - Exhibit A

2020 OBMP Update Listening Sessions

Listening Session 1 (January 15, 2019):

- History of the OBMP and its implementation
- Rationale for an OBMP Update

Listening Session 2 (February 12, 2019):

- Drivers, Trends and Implications for Basin Management
- Issues, Needs and Wants of the Stakeholders

Listening Session 3 (March 21, 2019):

- Review of OBMP Goals in 2000
- Review of OBMP Goals in 2020
- Activities of the OBMP

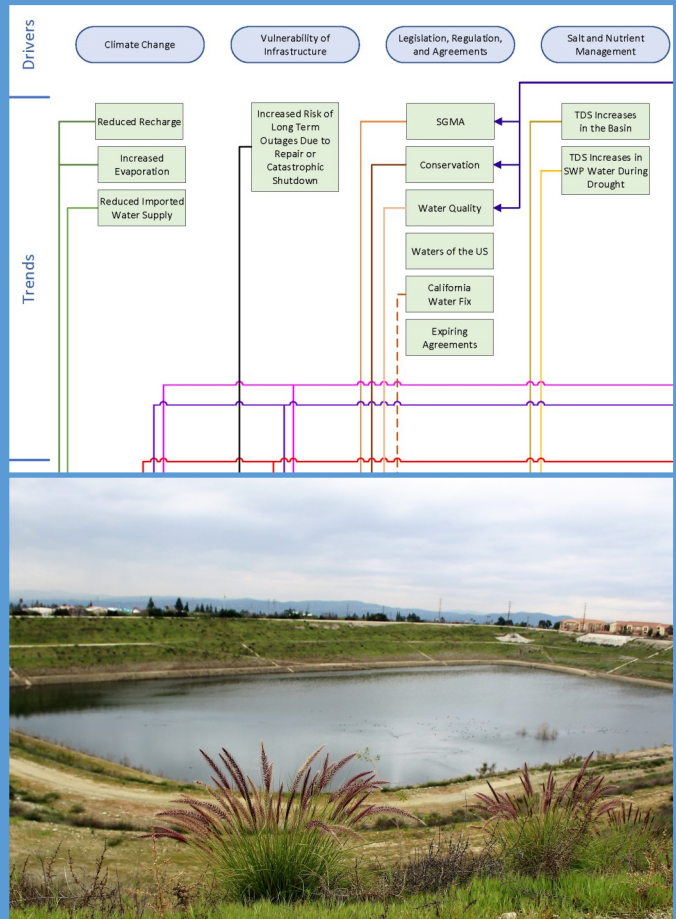
Listening Session 4 (May 16, 2019):

- Activities, Nexus and Outcomes

Listening Session 5 (July 31, 2019)

Listening Session 6

Listening Session 7



Activities Being Considered for the 2020 OBMP Update

- Construct new facilities and improve existing facilities to increase the capacity to store and recharge storm and supplemental water, particularly in areas of the basin that will promote the long-term balance of recharge and discharge
- Develop, implement, and optimize storage-and-recovery programs to increase water-supply reliability, protect or enhance Safe Yield, and improve water quality.
- Identify and implement regional conveyance and treatment projects/programs to enable all stakeholders to exercise their pumping rights and minimize land subsidence.
- Maximize the reuse of recycled water produced by IEUA and others
- Develop and implement a water-quality management plan to address current and future water-quality issues and protect beneficial uses
- Develop strategic regulatory-compliance solutions to comply with new and evolving drinking water standards that achieve multiple benefits in managing water quality
- Optimize the use of all sources of water supply by improving the ability to move water across the basin and amongst stakeholders, prioritizing the use of existing infrastructure.
- Develop an equitable distribution of costs/benefits of the OBMP Update and include in the OBMP update agreements
- Develop regional partnerships to implement the OBMP Update and reduce costs and include in OBMP Update agreement
- Continue to identify and pursue low-interest loans and grants or other external funding sources to support the implementation of the OBMP Update
- Develop management strategy within the Salt and Nutrient Management Plan to ensure ability to comply with dilution requirements for recycled water recharge
- Perform the appropriate amount of monitoring and reporting required to fulfill basin management and regulatory compliance

Monthly Update

The 2020 OBMP Update is being conducted using a collaborative stakeholder process like that employed for the development of the 2000 OBMP. A series of public “Listening Sessions” are being held by the Watermaster throughout 2019 to support the 2020 OBMP Update. The purpose of the Listening Sessions is to obtain information, ideas, and feedback from the Chino Basin stakeholders to define their issues needs and wants, their collective goals for the 2020 OBMP Update, the impediments to achieving the goals, the management actions required to remove the impediments, and an implementation plan for the management actions. The objective is for the ideas and opinions of every stakeholder to be heard and considered.

Thus far through the Listening Session process, the Chino Basin stakeholders have achieved the following:

1. Drivers, Trends, and Implications for Basin Management. The stakeholders identified the drivers and trends in today’s water management space that will challenge the ability of the parties to protect their collective interests in the Chino Basin and their water supply reliability. The drivers and trends have basin management implications that are forming the rationale for updating the OBMP:

- Reductions in Chino Basin Safe Yield
- Reduced imported water availability and increased cost
- Imported water quality degradation
- Chino Basin water quality degradation
- Inability to pump groundwater with existing infrastructure
- Increased cost of groundwater use
- Recycled water quality degradation
- Reduced recycled water availability and increased cost
- Increased cost of Basin Plan compliance

2. Goals of the 2020 OBMP Update. The stakeholders articulated their issues, needs and wants, which formed the basis of the management goals of the 2020 OBMP Update. A total of 57 unique needs and wants were identified by the Chino Basin stakeholders. Through this process, the stakeholders concluded that the goals of the 2000 OBMP are still relevant today and should be the goals of the 2020 OBMP Update. The stakeholders developed a statement of intent for each goal:

Goal No. 1 - Enhance Basin Water Supplies. The intent of this goal is to increase the water supplies available for Chino Basin parties and improve water supply reliability. This goal applies to Chino Basin groundwater and all other sources of water available for beneficial use.

Goal No. 2 - Protect and Enhance Water Quality. The intent of this goal is to ensure the protection of the long-term beneficial uses of Chino Basin groundwater.

Goal No. 3 - Enhance Management of the Basin. The intent of this goal is to encourage sustainable management of the Chino Basin to avoid material physical injury, promote local control, and improve water-supply reliability for the benefit of all Chino Basin parties.

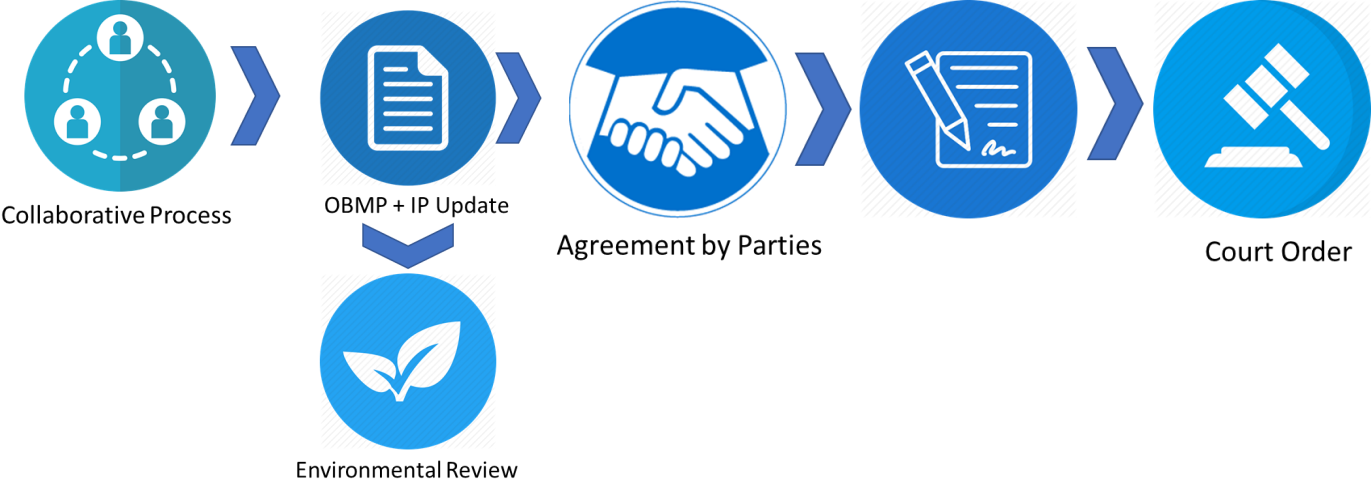
Goal No. 4 - Equitably Finance the OBMP. The intent of this goal is to identify and use efficient and equitable methods to fund OBMP implementation.

3. Activities of the 2020 OBMP Update. There are physical, institutional, and financial impediments to achieving the goals of the 2020 OBMP Update. The stakeholders identified and described 12 activities to remove these impediments and achieve the goals. These activities will be considered for inclusion in the 2020 OBMP Update.

The next step in the process to develop the 2020 OBMP Update is to (1) define the action plans required to perform the activities and (2) prepare reconnaissance-level engineering cost estimates of the action plans. This information will be documented in a technical memorandum (OBMP Update Technical Memorandum #1 [OBMP TM1]). OBMP TM1 will be circulated for review and subsequently refined and formulated into a recommended implementation plan (OBMP TM2) over a series of listening sessions with the stakeholders.

TM1 will be released to the Chino Basin stakeholders for review in two parts. This first part includes the description of the first four activities: A, B, D, and E/F. The second part includes the description of the remaining four activities and will be released in August 2019.

2020 OBMP Update Process




Timeline





Board of Directors Staff Report

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: September 4, 2019
Subject: **Approve Amendment to Grand Avenue Well Design (Project No. 58446) – Thomas Harder & Co. Groundwater Consulting**

<input type="checkbox"/> For Action	<input checked="" type="checkbox"/> Fiscal Impact	<input checked="" type="checkbox"/> Funds Budgeted
<input checked="" type="checkbox"/> Information Only	<input checked="" type="checkbox"/> Cost Estimate: \$74,000	

Requested Action:

No Action Necessary – Informational Item Only

Analysis:

TVMWD contracted with Thomas Harder & Co. (“Consultant”) for the design and construction support services for the Grand Avenue Well and Pipeline Project in November 2016 (Project No. 58446) (“Project”). The current cumulative General Manager-approved amendments to date are \$84,119, which constitutes 19.5% of the original contract value. Therefore, the \$74,000 amendment will exceed the General Manager’s approval authority of 20% of the original contract value and requires Board approval. A detailed list of the General Manager approved amendments to date (through March 2019) is included in **Exhibit A**.

Discussion:

The original approved contract amount for the Consultant was \$431,939 for well drilling and equipping design and construction support services for the Project. As the design progressed, the General Manager approved sixteen amendments within the authority of the General Manager, per the TVMWD Purchasing Policy, for a cumulative total of \$84,119 resulting in a revised total contract amount of \$516,058. The requested amendments approved by the General Manager were mostly staff requested changes and necessary to enhance the overall design and constructability of the project as well as enhance operational flexibility. The Consultant’s original amendment letter dated March of 2019 requesting the additional \$84,119 is included in **Exhibit B**.

The original well equipping design included approximately 6,000 linear feet of discharge piping to convey the well water from the well site to the reservoirs at the Miramar plant. As discussed previously with the board, during review of the well equipping plans by staff,

staff requested the Consultant design additional piping (approximately 1,500 liner feet) on site at the Miramar Plant to re-route and combine the flows from Wells 1 and 2 with flow from Grand Avenue well in order to enhance operational flexibility. Construction of this additional piping resulted in a greater level of effort than anticipated for engineering support during construction and for construction inspection. Also, EJ Meyer Company (“Contractor”) potholed numerous existing utilities to confirm their location and depth. The Contractor discovered existing marked and unmarked utilities that interfere with the proposed pipeline alignment on Grand Avenue, Miramar Avenue and Padua Avenue that required Stantec to perform additional design work to identify a suitable revised pipeline horizontal and vertical alignment.

The risk and uncertainty associated with the unmarked utilities and conflicting existing utilities will require additional construction inspection by the Consultant in order to protect the interests of TVMWD and successfully complete the project. The original scope of work assumed 450 hours for construction inspection for both the wellhead equipping and the pipeline construction. This initial allotment was estimated before the preliminary design began in 2016. After discussing internally and with the Consultant, staff feels an additional 240 hours for construction inspection will be adequate to successfully complete the project. In addition, a greater number of contractor submittals and request for information (RFI’s) have been received requiring additional construction support effort by the Consultant in order to keep the project moving forward and on schedule. The increased costs for these items is \$74,000 which will increase the Consultant’s budget to \$590,058. The Consultant’s amendment letter requesting the additional \$74,000 is included in **Exhibit C**.

The table below summarizes all the out of scope work amendments discussed above.

Description	Date	Cost	Revised Budget
Original Budget	November 2016		\$431,939
Authorized Out of Scope Work (per Exhibit B)	February 2017 to March 2019	\$84,119	\$516,058
Additional Out of Scope Work (per Exhibit C)	September 2019	\$74,000	\$590,058
	Sub-Total:	\$158,119	

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 – Consultant Budget Tracking and General Manager Amendment Tracking

Exhibit B – Consultant Requests for Amendments

Exhibit C – Consultant Request for Amendments

Meeting History:

November 16, 2016 - Board of Directors Meeting

NA/ML

Thomas Harder & Stantec - Grand Avenue Well (Project No. 58446)

Invoice No.	Date	For Month:	Invoice Amount	Total Cumulative Invoices	Remaining Budget	Authorized Change Amount	Cummulative Change Order Authorized Amount	Revised Contract Amount	% Increase
Initial Budget Amount:					\$431,939				
1	1/4/2017	12/1/2016	\$5,815.00	\$5,815.00	\$426,124.00				
2	2/1/2017	1/1/2017	\$2,628.00	\$8,443.00	\$423,496.00				
Authorized Change:	2/27/2017	Out of scope work: Additional Survey Request for Stantec				\$1,400.00	\$1,400.00	\$433,339.00	0.32%
3	3/7/2017	2/1/2017	\$7,293.50	\$15,736.50	\$416,202.50				
4	4/3/2017	3/1/2017	\$5,985.75	\$21,722.25	\$410,216.75				
5	5/3/2017	4/1/2017	\$8,101.00	\$29,823.25	\$402,115.75				
Authorized Change:	5/3/2017	out of scope work to submit Second Draft PDR				\$2,277.50	\$3,677.50	\$435,616.50	0.9%
Authorized Change:	5/26/2017	out of scope work to submit Third Draft PDR				\$2,912.50	\$6,590.00	\$438,529.00	1.5%
6	6/2/2017	5/1/2017	\$9,589.00	\$39,412.25	\$399,116.75		\$6,590.00	\$438,529.00	
7	7/3/2017	6/1/2017	\$5,658.55	\$45,070.80	\$393,458.20		\$6,590.00	\$438,529.00	
Authorized Change:	7/7/2017	out of scope work to submit revised Final Draft PDR				\$2,561.50	\$9,151.50	\$441,090.50	2.1%
8	8/4/2017	July	\$18,954.50	\$64,025.30	\$377,065.20		\$9,151.50	\$441,090.50	
9	9/5/2017	August	\$16,377.40	\$80,402.70	\$360,687.80		\$9,151.50	\$441,090.50	
Authorized Change:	9/14/2017	out of scope work to submit revised Final Draft PDR				\$85.00	\$9,236.50	\$441,175.50	2.1%
Authorized Change:	9/20/2017	out of scope work to submit revised Final Draft PDR				\$157.50	\$9,394.00	\$441,333.00	2.2%
10	10/4/2017	September	\$7,236.50	\$87,639.20	\$353,693.80		\$9,394.00	\$441,333.00	
11	11/2/2017	October	\$6,420.93	\$94,060.13	\$347,272.87		\$9,394.00	\$441,333.00	
12	12/4/2017	November	\$20,809.75	\$114,869.88	\$326,463.12		\$9,394.00	\$441,333.00	
13	1/5/2018	December	\$10,725.17	\$125,595.05	\$315,737.95		\$9,394.00	\$441,333.00	
14	2/8/2018	January	\$2,814.35	\$128,409.40	\$312,923.60		\$9,394.00	\$441,333.00	
Authorized Change:	4/9/2018	Stantec: AB52 CEQA Compliance (Indian Tribes Consultation) - out of scope work				\$4,303.50	\$13,697.50	\$445,636.50	3.2%
15	4/20/2018	March	\$6,648.50	\$135,057.90	\$310,578.60		\$13,697.50	\$445,636.50	
Authorized Change:	4/23/2018	Stantec - Surve Staking Well location (out of scope work)				\$1,170.43	\$14,867.93	\$446,806.93	3.4%
16	5/4/2018	April	\$1,200.00	\$136,257.90	\$310,549.03		\$14,867.93	\$446,806.93	
Authorized Change:	5/22/2018	Out of scope work - additional CM during Pilot Hole Drilling				\$6,708.16	\$21,576.09	\$453,515.09	5.0%
Authorized Change:	5/23/2018	Out of scope work - additional CM during Isolated Zone Testing				\$3,792.50	\$25,368.59	\$457,307.59	5.9%
17	6/6/2018	May	\$22,513.84	\$158,771.74	\$298,535.85		\$25,368.59	\$457,307.59	
18	7/1/2018	June	\$21,130.96	\$179,902.70	\$277,404.89		\$25,368.59	\$457,307.59	
19	8/5/2018	July	\$14,163.89	\$194,066.59	\$263,241.00		\$25,368.59	\$457,307.59	
Authorized Change:	7/1/2018	Out of scope work - additional observation during well testing				\$0.00	\$25,368.59	\$457,307.59	5.9%
20	9/4/2018	August	\$8,855.50	\$202,922.09	\$254,385.50		\$25,368.59	\$457,307.59	
21	10/9/2018	September	\$12,281.00	\$215,203.09	\$242,104.50		\$25,368.59	\$457,307.59	
22	11/7/2018	October	\$21,402.75	\$236,605.84	\$220,701.75		\$25,368.59	\$457,307.59	
Authorized Change:	11/1/2018	Out of scope work - Design of Chlorination & Ammonia facilities				\$7,500.00	\$32,868.59	\$464,807.59	7.6%
Authorized Change:	11/15/2018	OSW - Design for Second Pump to waste location & Electrical				\$27,750.00	\$60,618.59	\$492,557.59	14.0%
23	12/6/2018	November	\$73,159.75	\$309,765.59	\$182,792.00		\$60,618.59	\$492,557.59	
24	1/7/2019	December	\$19,270.00	\$329,035.59	\$163,522.00		\$60,618.59	\$492,557.59	
Authorized Change:	2/1/2019	OSW - additional 1,500 L.F. of pipeline design (Stantec)				\$18,000.00	\$78,618.59	\$510,557.59	18.2%
25	2/8/2019	January	\$37,270.00	\$366,305.59	\$144,252.00		\$78,618.59	\$510,557.59	
26	3/6/2019	February	\$15,873.50	\$382,179.09	\$128,378.50		\$78,618.59	\$510,557.59	
Authorized Change:	3/8/2019	Out of scope work - Additional Bid Support for 4 Addendums				\$7,500.00	\$86,118.59	\$518,057.59	19.9%
Credit	3/14/2019	Original scope fo work included an allowance of \$5,000 for potholing. TVMWD will receive a credit.				(\$5,000.00)	\$81,118.59	\$513,057.59	18.8%
Authorized Change:	3/15/2019	Out of scope work - Design revisions for Roof Access Hatch				\$3,000.00	\$84,118.59	\$516,057.59	19.5%
27	4/3/2019	March	\$5,520.00	\$387,699.09	\$128,358.50		\$84,118.59	\$516,057.59	
28	6/7/2019	Invoice for approved out of scope work		\$41,448.85	\$429,147.94	\$86,909.65		\$84,118.59	\$516,057.59
29	7/10/2019	June	\$9,402.32	\$438,550.26	\$77,507.33		\$84,118.59	\$516,057.59	
30	8/11/2019	July	\$6,361.50	\$444,911.76	\$71,145.83		\$84,118.59	\$516,057.59	
Authorized Change:	8/7/2019	Out of scope work - Additional Construction Support effort (greater number of RFI's and submittal reviews) and design effort to review potholing data and revise pipeline alignments on Padua & Miramar due to utilities conflicts. Additional Construction Inspection time.				\$74,000	\$158,118.59	\$590,058	36.6%

Sub-Total: **\$158,119**



March 25, 2019

Mr. Ben Peralta Jr.
Three Valleys MWD
1021 E. Miramar Avenue
Claremont, California 91711

Re: Out-of-Scope Work Performed During the Preliminary Design, Permitting, and Well Drilling Phase of the Grand Avenue Well Project

Dear Mr. Peralta,

This letter summarizes out-of-scope work performed by Thomas Harder and Company (TH&Co) and Stantec during the preliminary design, permitting, and well drilling phase for Three Valleys Municipal Water District's (TVMWD's) Grand Avenue Well. This work is being conducted per our Professional Services Agreement dated November 17, 2016. Details regarding the out-of-scope work are summarized as follows:

TASK 1 – PREPARE ADDITIONAL DRAFT VERSIONS OF THE PRELIMINARY DESIGN REPORT

The original scope of work and budget for this task (TH&Co Scope of Work dated 24-Oct-16) included preparation of one draft and one final version of the Preliminary Design Report (PDR). The draft of this report was submitted on 25-Apr-17. Upon completion of the draft, TVMWD requested two additional draft revisions, which were submitted on 3-May-17 and 26-May-17. After submittal of the 26-May-17 version of the PDR, TVMWD requested additional changes in order to finalize the report. These changes were incorporated and submitted in the final document on July 7, 2017. Upon completion of the final PDR, TVMWD requested two additional revisions to the document, which were submitted on September 14, 2017 and September 20, 2017.

The additional cost for the out-of-scope PDR revisions is \$7,994.

Thomas Harder & Co.
1260 N. Hancock St., Suite 109
Anaheim, California 92807
(714) 779-3875

TASK 3 – ENVIRONMENTAL COMPLIANCE

Stantec prepared the Initial Study/Mitigated Negative Declaration (IS/MND) for the Grand Avenue Well to comply with the California Environmental Quality Act (CEQA). During the course of that work, it was necessary to analyze a new category under California AB 52 that includes cultural resources. To meet this new requirement, it was necessary for Stantec to consult and coordinate with Native American Tribes including the Gabrieleno Band of Mission Indians. Stantec's original scope of work did not include AB 52 consultation because this part of the State code of regulations was being updated at the time the scope of work was being prepared.

The additional work was approved via email by TVMWD on April 9, 2018. The additional cost for the out-of-scope environmental compliance work is \$4,303.50.

TASK 4 – WELL CONSTRUCTION MANAGEMENT AND INSPECTION

Under well construction management and inspection, TH&Co and Stantec performed the following out-of-scope work:

Survey Staking: TVMWD asked Stantec to provide survey staking of the well site prior to drilling, which was not included in the original scope of work. This work was approved via email on April 23, 2018. The cost for the out-of-scope survey staking is \$1,170.43.

Pilot Borehole Drilling Construction Management: Construction management for pilot borehole drilling was based on a 900 ft deep borehole drilled at an average rate of 10 ft/hr and assumed no delays associated with rig breakdowns or other issues. Additional onsite construction management time over and above the originally budgeted time was necessary for the following reasons:

- Although drilling rates were maintained on the order of 7 to 10 ft/hr until a depth of approximately 360 ft, the driller slowed down when borehole deviation issues were identified and the driller needed to slow the drilling rate in order to mitigate the problem. Between approximately 360 ft and the total borehole depth, the drilling rate ranged from 2 ft/hr to 4 ft/hr. The added time required to drill the borehole resulted in additional onsite observation time.
- When ongoing borehole deviation measurements showed unacceptable deviation, TH&Co recommended, and TVMWD approved, a confirmation borehole deviation. Ultimately, the drilling contractor conducted two such confirmations. The time necessary to conduct these was not accounted for in the original budget.
- Additional Principal and Project level staff time was required to review the deviation data and troubleshoot the deviation problem.



- The drilling contractor had to stop twice during drilling due to compressor malfunction. Time necessary to fix the compressor and continue drilling was not in the budget.

The cost for the out-of-scope construction management during borehole drilling is \$6,708.16.

Isolated Zone Testing: TVMWD requested one isolated aquifer zone test in the pilot borehole per TH&Co's recommendation (per email dated May 29, 2018). Construction management and data collection during isolated aquifer zone testing was not included in TH&Co's original scope of work for the project. The cost to provide out-of-scope construction management and data collection during one isolated aquifer zone test is \$3,792.50.

The total out-of-scope charges accrued during the preliminary design, permitting, and drilling phase of the project (Tasks 1 through 4) is \$23,968.59.

I appreciate the opportunity to provide hydrogeological consulting services for TVMWD. If you have any questions, don't hesitate to contact me at (714) 779-3875.

Sincerely,



Thomas Harder, P.G., C.H.G.
Principal Hydrogeologist



March 26, 2019

Mr. Ben Peralta Jr.
Three Valleys MWD
1021 E. Miramar Avenue
Claremont, California 91711

Re: Out-of-Scope Work Performed During the Well Equipping and Pipeline Design Phase of the Grand Avenue Well Project

Dear Mr. Peralta,

This letter summarizes out-of-scope work performed by Stantec during the well equipping and pipeline design phase (Task 5) of Three Valleys Municipal Water District's (TVMWD's) Grand Avenue Well project. The scope of this work is being conducted per our Professional Services Agreement dated November 17, 2016. Details regarding the out-of-scope work are summarized as follows:

Additional Survey Request

On February 27, 2017, Stantec was requested to perform an additional, second site survey for grading. Later that same day, Stantec was authorized to proceed with a budget of \$1,400.

Additional Transmission Main

The original scope of work and budget for pipeline design was based on a pipeline length of 6,000 linear feet. After coordinating the pipeline design with TVMWD, the final pipeline point of connection was further to the northeast of the site. In addition, to improve chlorine contact time, TVMWD requested that Stantec add piping within the treatment plant. With the requested changes, the water transmission length is now 7,526 linear feet, which exceeds the original budgeted scope of work. In addition, the piping configuration within the Miramar Treatment Plant was modified after the 90% design package was submitted. All of these additional pipeline design changes occurred after the Preliminary Design Report was prepared. The cost for design of these three additional pipeline plan and profiles is \$18,000.

Thomas Harder & Co.
1260 N. Hancock St., Suite 109
Anaheim, California 92807
(714) 779-3875

Potholing

The original scope of work included an allowance for potholing. Stantec's budget includes \$5,000 for potholing. As this is not required, TVMWD will be credited for this amount.

Second Pump to Waste Facilities

The original scope of work assumed that the pump to waste would only be at the well site, with the water routed to the Caltrans drainage system. During the final design, TVMWD determined that a secondary pump to waste be designed within the Miramar Water Treatment Plant. This facility will allow the pump to waste water to recharge into the groundwater basin and not be wasted. Therefore, the pump to waste water should not count towards TVMWD's groundwater allocation. Lastly, since the pump to water valve could be required to open and close daily, TVMWD determined that the two valves should be equipped with motor operators.

To accomplish this additional work, Stantec modified the pipeline design by adding horizontal and vertical fittings to align the isolation valves away from the paved drive in Miramar, as described below:

- We added a "duckbill" check valve.
- We added mechanical details for the motor operated valves (MOV's).
- We added technical specifications and provided engineer's estimate of probable construction costs for the MOV's.

The cost to include the design for the civil and mechanical discipline is \$7,000.

In addition to the civil and mechanical disciplines, the additional MOV's required electrical, controls and instrumentation designs. Stantec investigated the electrical power sources within Miramar Treatment Plant.

- We confirmed that excess power was available.
- We added an electrical sheet (E-9) to show the electrical design for the MOV's.
- We added three instrumental sheets to show the controls for the second pump to waste MOV's.
- The electrical and controls technical specifications, and engineer's estimate of probable construction costs were amended to include the new work.

The cost to include the electrical and controls designs for the second pump to waste facilities is \$20,000.

We also performed a field reconnaissance to verify the power supply and locations of the proposed secondary pump to waste facilities. This cost is \$750.



Chlorination and Ammonia Dosing Facilities

The original scope of work included a review of the chemical storage and feed systems as part of the preliminary design. Since it would not be known as to what if any improvements would be required, our scope of work did not include the design of any treatment facilities. Based on the District's desire to increase the circulation of water from Well 1 and Well 2 within the plant and Stantec's analysis of required contact times, TVMWD determined that chlorine and ammonia dosing locations should be moved. In addition, these proposed facilities should be located within buried concrete vaults.

The civil and mechanical designs required additional horizontal and vertical bends on the pipelines to provide the appropriate depth within the vaults and the horizontal locations of the vaults. Mechanical details were created, and technical specifications provided for the vaults, injection sample and tubing. The additional costs to add the chlorine and ammonia dosing facilities is \$7,500.

Additional Bid Support

The original scope of work assumes that one bid addendum would be issued. Stantec assisted in the preparation of four bid addenda. Due to the timing required to distribute the addenda to the prospective contractors, Stantec sent out two of the addenda directly. This additional work required a budget of \$7,500.

Modifying Equipment Access Hatch

Although TVMWD believes that the four-foot by four-foot hatch above the well pump would be adequate to remove and replace the well pump and motor, it was determined that the District would prefer a five-foot by five-foot opening. Stantec will revise four structural sheets to change the hatch size. The cost to accomplish this work is \$3,000.



The total out-of-scope charges accrued during the well equipping and pipeline construction phase of the project (Task 5) is \$65,150. With the \$5,000 credit for potholing, the requested budget increase for Task 5 out-of-scope work is \$60,150.

We appreciate the opportunity to provide hydrogeological consulting and engineering design services for TVMWD. If you have any questions, don't hesitate to contact me at (714) 779-3875.

Sincerely,



Thomas Harder, P.G., C.HG.
Principal Hydrogeologist





August 7, 2019

Mr. Ben Peralta Jr.
Three Valleys MWD
1021 E. Miramar Avenue
Claremont, California 91711

Re: Out-of-Scope Work Performed During the Well Equipping and Pipeline Construction Phase of the Grand Avenue Well Project

Dear Mr. Peralta,

This letter summarizes out-of-scope work performed and anticipated to be performed by Stantec during the well equipping and pipeline construction phase (Task 5) of Three Valleys Municipal Water District's (TVMWD's, District's) Grand Avenue Well project. The scope of this work is being conducted per our Professional Services Agreement dated November 17, 2016 (Agreement).

The level of effort required for engineering support during construction and for construction observation has been greater than anticipated. As examples, our Agreement states that Stantec would review and respond to up to 20 RFIs. As of the date of this letter, the contractors have submitted 26 RFIs. The Agreement also states that Stantec would review and respond to 60 submittals. As of the date of this letter, E.J. Meyer has submitted 54 shop drawings and Schuler Engineering has submitted 33 shop drawings for a total of 87 submittals. Further details regarding the more significant out-of-scope work are summarized as follows:

Engineering Support during Construction for Transmission Main and Appurtenances within Miramar Treatment Plant

The original scope of work and budget for the proposed pipeline was based on the pipeline terminating at the Padua entrance to the Miramar Treatment Plant. During the final design phase, pipelines were added to extend to the reservoir inlet piping. A second pipeline was added to provide for common chlorine and ammonia injection points and improve chemical contact times. New pump to waste facilities with motor actuated valves and a vault were added. Although the design for these facilities was previously added as part of a prior change order, the additional engineering support during construction to review shop drawings and respond to RFIs was not.

Thomas Harder & Co.
1260 N. Hancock St., Suite 109
Anaheim, California 92807
(714) 779-3875

In addition, the contractor's potholing and other existing utilities field investigation determined that the two transmission mains could not be constructed as designed. Therefore, Stantec performed a field visit, worked with the District and contractor, and provided direction for the contractor to modify the horizontal and vertical alignments throughout the Miramar Plant.

During the construction phase, the project team determined that a vault should be installed over the connection to the 48-inch transmission main that fills the reservoir. Stantec provided designs for a couple alternatives and provided those to the project team. The additional cost for the engineering support during construction for the facilities within Miramar Treatment Plant is \$16,500.

Grand Avenue and Baseline Road Intersection Crossing Re-Design

After the contractor performed extensive potholing within the intersection of Grand Avenue and Baseline Road, the project team determined that the transmission main could not be installed as designed through this intersection. Therefore, Stantec reviewed the pothole data, input the data into the design files and re-designed the pipeline through the intersection. The engineering cost for coordination and design is \$5,700.

Resolving Conflicts with Golden State Water Company's New Transmission Main in Miramar and Padua Avenues

The utility research for the Grand Avenue Well project was performed in late 2016 and early 2017 as the first task in the preparation of the Preliminary Design Report (PDR). With the preparation PDR, the CEQA process, the well drilling design, the well drilling, the final design of the wellhead facilities and pipeline, and the construction of the wellhead facilities and pipeline all being performed in sequence rather than concurrently, considerable time has passed since the project team communicated with Golden State Water Company (GSWC). Unfortunately, GSWC installed a new waterline in 2019 that is extremely close to our proposed alignment for the 12-inch transmission main in Miramar and Padua Avenues.

Since TVMWD has acquired a wellsite just northwest of the intersection of Grand and Miramar Avenues, re-routing the transmission main along different streets (i.e. Baseline and Padua) does not appear to be an option. Therefore, the project team has been working to determine the best pipeline alignment alternate.

After discussions among the project team, three alternative alignments were initially identified. After incorporating the pothole data into the design files, Stantec prepared an exhibit that showed each of the alternative alignments. The constraints/challenges with each alternative alignment were identified and discussed. The horizontal design was prepared for the alternative between the



gravity sewer and the gas. After consultation with the Department of Public Health, Stantec anticipates preparing vertical design for the Miramar transmission main.

Stantec also incorporated the pothole data for Padua Avenue and is revising the horizontal and vertical alignments.

The additional costs for data collection, field visits, team discussions, analysis of alternatives, preparation of exhibits and re-design is anticipated to be \$14,500.

Additional Well Equipping and Pipeline Construction Inspection

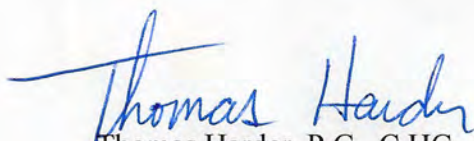
The original scope of work assumes that 450 labor hours would be required for the construction observation for both the wellhead equipping and the pipeline construction. Since this budget was estimated before the preliminary design was started in 2016, the project team has determined that more time, and costs, should be allocated to construction inspection and construction management. The required scope of work for the construction observer has expanded to include the transmission main in the TVMWD Miramar Plant, the chlorine and ammonia injection relocations, a second pump to waste with motor operated valves, and new vaults and pull boxes. As discussed above, the pipeline alignments have been modified in the intersection of Grand Avenue and Baseline, along Miramar from Grand to Padua, along Padua and within the plant. These changes require more time-and-materials field time.

At this time, the project team estimates that an additional 240 hours of construction observer time and 30 hours of construction manager time would greatly benefit the execution of the construction and its administration. With an hourly rate of \$131 for the construction observer and \$196 for the construction manager, this additional work required a budget of approximately \$ 37,300.

The total out-of-scope charges accrued during the well equipping and pipeline construction phase of the project (Tasks 5) is \$74,000.

We appreciate the opportunity to provide hydrogeological consulting and engineering design services for TVMWD. If you have any questions, don't hesitate to contact me at (714) 779-3875.

Sincerely,


Thomas Harder, P.G., C.HG.
Principal Hydrogeologist





**Board of Directors
Staff Report**

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager *[Signature]*
Date: September 4, 2019
Subject: **Consideration of Purchasing 3,000 Acre-Feet of Cyclic Storage Water and Letter Agreement Regarding Schedule For Payment**

<input type="checkbox"/> For Action	<input checked="" type="checkbox"/> Fiscal Impact	<input type="checkbox"/> Funds Budgeted
<input checked="" type="checkbox"/> Information Only	<input checked="" type="checkbox"/> Cost Estimate:	\$2,193,000.00

Staff Recommendation:

No Action Necessary – Informational Item Only

Background:

As of July 2019, Three Valleys Municipal Water District (“TVMWD”) has ordered 7,000 AF of cyclic storage water from Metropolitan Water District of Southern California (“MWD”) for delivery in the Main San Gabriel Basin for future replenishment obligations by TVMWD member-agency parties. The 7,000 AF order has been successfully delivered through Upper San Gabriel Valley Municipal Water District’s (“Upper District”) service connection USG-03 into the San Gabriel River for recharge in the Santa Fe Dam Spreading Grounds. The deliveries were made pursuant to the Cyclic Storage Agreement between TVMWD, MWD, and the Main San Gabriel Basin Watermaster (“Watermaster”). MWD’s 2019 State Water Project Table A allocation is 75% and MWD is strongly encouraging the purchase and storing of water in multiple geographic locations under various programs and agreements. TVMWD expects to convert this 7,000 AF back to cash by the end of calendar year 2020 and earn about a 4% annual return.

Discussion:

Recently, Walnut Valley Water District and Rowland Water District (“Districts”) requested to purchase an additional 3,000 AF of water pursuant to the TVMWD Cyclic Storage Agreement. The 3,000 AF would be ordered by TVMWD for delivery in 2019 through USG-03 into the TVMWD/MWD Cyclic Storage Account. Staff has confirmed with Upper District that this potential delivery of an additional 3,000 AF can be accommodated at USG-03 beginning in mid to late September.

The Districts have requested a five-year payback plan for the purchase of the water. A draft letter agreement between TVMWD and the Districts outlining the terms and conditions is attached as **Exhibit A**. In short, TVMWD would purchase this water in 2019

and the District's will pay TVMWD annually for 600 AF (300 AF annually per agency) per year at the prevailing MWD Tier 1 Untreated Rate in effect at that time beginning in calendar year 2020. The water will reside in the TVMWD/MWD Cyclic Storage Account tracked by Watermaster.

Each year, upon successful payment by the District's to TVMWD, Watermaster will continue to allow the 600 AF to reside in the TVMWD/MWD Cyclic Storage Account, now earmarked as WVWD and RWD water. The District's will have a maximum of 5 years to use the water in the TVMWD/MWD Cyclic Storage account to meet Watermaster obligations or transfer to another party. If after 5 years from the date of purchase, all or part of the water has not been utilized by either of the District's, the volume of water remaining will be transferred to the Puente Basin Water Agency ("PBWA") Storage and Export account. This provides the long-term assurance to TVMWD that the volume of water stored by the District's in the TVMWD Cyclic Storage account will not "strand" TVMWD's ability to store additional water in the future up to the maximum allowed of 40,000 AF. The agreement has a provision that would allow, upon mutual agreement by the District(s) and TVMWD, the water to stay in TVMWD/MWD Cyclic Storage account beyond the five-year limit. However, this request would require the express written consent of TVMWD and would depend on such factors including available space for additional deliveries to be made in the cyclic storage account and hydrologic conditions at the time.

Fiscal Impact:

TVMWD would utilize \$2.2M from our investment portfolio to make this purchase and expects to convert this water back to cash by July 2024, earning about a 10% return.

In addition to the objectives listed below, these transactions provide a good return on investment that benefits TVMWD. Although this depletes cash reserves for a period of time, staff does not foresee any situations that will demand a large draw on our cash reserves during this time.

Strategic Plan Objective(s):

- 1.1 – Secure water supplies that exceed the estimated annual demands by 10%
- 1.3 – Maintain diverse sources of water supplies and storage, and increase extractable water storage supplies to 10,000 AF
- 1.4 – Capable of delivering 10,000 AFY from local sources in case of drought or catastrophe

Attachment(s):

Exhibit A – Letter Agreement

Meeting History:

None

NA/ML



BOARD OF DIRECTORS

Brian Bowcock
David D. De Jesus
Carlos Goytia
Denise Jackman
Bob Kuhn
John Mendoza
Joseph T. Ruzicka

GENERAL MANAGER/CHIEF ENGINEER
Matthew H. Litchfield, P.E.

LETTER AGREEMENT REGARDING SCHEDULE FOR PAYMENT OF CYCLIC WATER STORED IN CALENDAR YEAR 2019

The Three Valleys Municipal Water District (“TVMWD”) and Main San Gabriel Basin Watermaster (“Watermaster”) entered into a Cyclic Storage Agreement (“Cyclic Agreement”). The Cyclic Agreement allows TVMWD to store up to 40,000 acre-feet in the Main San Gabriel Groundwater Basin in advance of demand for the water. Rowland and Walnut Valley Water District’s (“District’s”) desire to purchase water to be held in TVMWD’s Cyclic Storage Account.

TVMWD will deliver up to 3,000 acre-feet (AF) into its Cyclic Agreement account starting in calendar year 2019. The maximum delivery rate will be up to 290 cubic feet per second (cfs) through Service Connection USG-03, as groundwater conditions allow. The District’s plan to purchase a total of 600 acre-feet (300 acre-feet each) per year from TVMWD’s Cyclic Storage Account at the Metropolitan rate for untreated water at the time of purchase plus any connection charge imposed by Upper San Gabriel Valley Municipal Water District for use of USG-03 (usually \$2/AF).

The District’s and TVMWD agree that the payment schedule for the District’s purchase of the water will be as follows: 600 AF by July 31, 2020; 600 AF by July 31, 2021; 600 AF by July 31, 2022; 600 AF by July 31, 2023 and 600 AF by July 31, 2024.

Following payment for the annual purchase of water, TVMWD will hold the water in its Cyclic Storage Account for the District’s benefit until such time as arrangements are made by the District’s to transfer the water to the Puente Basin Water Authority (“PBWA”) Storage and Export account or another basin producer. After 5 years from the effective date of the purchase and either some or all of the water has not been transferred to the PBWA Storage and Export account or to another basin producer, the remaining balance will automatically be transferred to the PBWA Storage and Export account by Watermaster.

Should conditions change, TVMWD and the District’s may mutually agree on an alternative payment schedule. Additionally, TVMWD and the District’s may mutually agree to extend the 5-year storage/transfer period if it is in their respective interests to continue to hold the water in TVMWD’s Cyclic Storage Account. Payments to TVMWD for such water from the cyclic account shall be in accordance with the Cyclic Agreement terms.

Three Valleys Municipal Water District

By _____
Matthew Litchfield, P.E.
General Manager

Date _____

Rowland Water District

By _____
Tom Coleman
General Manager

Date _____

Walnut Valley Water District

By _____
Erik Hitchman
General Manager/Chief Engineer

Date _____


**ACKNOWLEDGED BY:
Main San Gabriel Basin Water Master**

By _____
Tony Zampello
Executive Officer

Date _____



**Board of Directors
Staff Report**

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: September 4, 2019
Subject: **Consideration of Purchase of a Hydro Excavator with Valve Actuator**

<input type="checkbox"/>	For Action	<input checked="" type="checkbox"/>	Fiscal Impact	\$ 124,673
<input checked="" type="checkbox"/>	Information Only	<input checked="" type="checkbox"/>	Funds Budgeted:	\$ 175,000

Staff Recommendation:

No Action Necessary – Informational Item Only

Discussion:

The purchase of a trailer-mounted hydro excavator with valve actuator will serve two (2) main purposes. The first would be to remove heavy sludge buildup from the bottom of the backwash recovery ponds. This sludge tends to get very thick/heavy and has proven to be difficult to remove by any other means. The second purpose is for system valve exercising in accordance with a District valve exercising program. The on-board valve actuator will be used to operate and exercise valves in the distribution system, some of which are large and require many turns to fully actuate. The hydro excavator will also be used to clean out and remove debris from valve cans in the distribution system for the purpose of valve exercising. The hydro excavator is also equipped with a pressurized nozzle that can be used for potholing and less-invasive utility locating and Dig Alert paint marking removal. The valve actuator is GIS compatible, allowing District staff to automatically record each valve’s important attributes including number of turns to open/close, torque required to open/close as well as depth to nut, manufacturer, and date valve was installed, to name a few. A photo of the hydro excavator with valve actuator is shown below.

Fiscal Impact:

Due to the unique type and style of equipment as well as staff’s desire to have product demonstration to show performance capabilities prior to purchase, staff is recommending that this purchase qualifies as a proprietary purchase under *Section C – Proprietary Equipment and Goods* of the District’s Purchasing Policy. The purpose of Section C of the Purchasing Policy is restated below:

Purpose - Provide guidelines for the purchase of equipment/software and other artistic goods that may only be purchased through a proprietary vendor. There is no competitive offer requirement for this type of purchase since the item is being purchased based on qualification rather than price. Proprietary vendors are those vendors that directly sell their products and do not use distributors or other outlets.

As stated in the policy for purchases of this magnitude (exceeding the General Manager's authority), a formal evaluation process shall be used to ensure that the District is recommending a purchase that best fits the overall needs of the District. Three vendors were contacted to provide information on each of their respective hydro excavator and valve actuators as well as provide a hands-on demonstration for staff. The results of the analysis are as follows:

- **E.H. Wachs Grand LX – VMT Gas Maintenance Trailer** – Their largest and most powerful piece of equipment proved to be too small to meet our needs, therefore we did not request a quote.
- **Ditch Witch HX50 Vacuum Excavator & Valve Actuator (Exhibit A)** – The excavator proved capable to perform the duties required of the District. While a valve exerciser does not normally come with this trailer, a third-party model could be added. **\$126,767**
- **Pres Tech PV500 Vacuum Excavator & Valve Actuator (Exhibit B)** – The Pres Tech PV 500 is the least-cost alternative. The Pres Tech trailer was designed specifically for efficient placement and field operation of each piece of equipment on the trailer, specifically the valve turning equipment. The excavator proved capable during demonstrations and includes their proprietary valve exerciser. **\$124,673**

Operations staff conducted a thorough evaluation of the vendor's proposals and equipment performance and is recommending the **Pres Tech PV 500** model due to its demonstrated performance in meeting the needs of the District



Strategic Plan Objective(s):

1.5 – Maintain water infrastructure to assure 100% reliability

2.3 – Manage water infrastructure and staff operations to minimize costs

Attachment(s):

Exhibit A – Ditch Witch HX 50 Proposal

Exhibit B – Pres Tech PV 500 Proposal

Meeting History:

None

NA/SL

Item 7.D - Exhibit A

DITCH WITCH WEST (CORONA, CA)

1201 EAST 6TH STREET
CORONA, CA 92879-1657
Phone 951-735-7510
Fax 951-735-8480

Three Valleys Municipal Water District
Attn: Freeman Ensign
1021 E. Miramar Ave.
Claremont, CA 91711
909-621-5568

Quote: 50232761
Date: 06/07/2019
Salesperson: Dave Parra
Mobile: 909-208-3026
E-Mail: dparra@ditchwitchwest.com

Price Quote

Quote valid for: 30 days

HX50 Vacuum Excavator Unprecedented Versatility and Performance.

Featuring superior power and versatility, the Ditch Witch® HX50 is equipped with a 49-hp Kubota® diesel engine to support all machine functions – from potholing and small-slot trenching applications to HDD fluid and jobsite debris cleanup. The Ditch Witch® HX50 basic unit includes the following: insulated engine enclosure, cylinder assist dumping system, hydraulic door, wash wand kit and antifreeze kit.

Item	Qty	Part Number	Description		
10	1	HX50	HX50		
20	1	190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ		
30	3	SETUP-CHARGE	Setup Charge		
40	1	190-2385	TRAILER TONGUE TOOLBOX		
50	1	350-3061	TRAFFIC CONE STORAGE		
60	1	025-1038	VT17 500 GAL HEAVY TRAILER		
				Subtotal	\$ 92,237.91
VALVE EXERCISER WITHOUT VALVESTAR					
70	1	345-XXXX	AUXILLARY HYDRAULICS (8GPM, 2500PSI)		
80	1	345-XXXX	VALVE EXERCISER MOUNT KIT		
90	1	345-XXXX	ERB W/ OUT VALVESTAR		
120	1		FACTORY INSTALL		
				Subtotal	\$ 23,531.04
				Subtotal before Tax	\$ 115,768.95
					US Dollars

Item 7.D - Exhibit A

DITCH WITCH WEST (CORONA, CA)

1201 EAST 6TH STREET
CORONA, CA 92879-1657
Phone 951-735-7510
Fax 951-735-8480

Three Valleys Municipal Water District
Attn: Freeman Ensign
1021 E. Miramar Ave.
Claremont, CA 91711
909-621-5568

Quote: 50232761
Date: 06/07/2019
Salesperson: Dave Parra
Mobile: 909-208-3026
E-Mail: dparra@ditchwitchwest.com

Price Quote

Quote valid for: 30 days

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
10	1	HX50	HX50
With the following configuration:			
Spoils Tank			500 Gallon
Water Tank			100 Gallons
Reverse Flow	Yes		
Hose and Tooling			4 Inch
Accessories			None
Accessories			Prospector Digging Lance
Accessories			Traffic Cone Storage
Accessories			Water Air Gap
Vac Boom			Powered 4in Hoses
Filter			Cyclonic Separator
Controls			Right Hand Traffic
Water Heater			No
Trailer Model			VT17
Trailer Jack			Hydraulic
Hydraulic Oil			Standard
Color			Standard
Decals			English
Quiet Package			No
Weight Display			500G



Item 7.D - Exhibit B ESTIMATE

13761 Goldenwest Street # 1910
Westminster, CA 92684
714-835-3440

DATE	ORDER#
6/10/2019	2915

NAME / ADDRESS
Three Valleys Municipal Water 1021 Miramar Avenue Claremont, CA 91711 Attn: Accounts Payable

SHIP TO
Three Valleys Municipal Water 1021 Miramar Avenue Claremont, CA 91711 Attn: Freeman Ensign 626-290-8259

TERMS	REP	FOB	Lead Time
Net 20	DP	Garden Grove	27-28 weeks ARO

ITEM	DESCRIPTION	QTY
500-020201	PV500-DHOT4F-D1W-T PV500-DHOT4F Power Vac, 3000 PSI Pressure Washer System - 500 gallon debris tank - 1000 CFM blower set for relief at 15" of vacuum - 49 HP Tier 4 Final liquid cooled diesel drive one engine-with dog house - 12 gallon aluminum fuel cell with diesel return - Engine & Blower package mounted in a sound reducing enclosure - Baffled blower silencer - Debris tank is lifted to empty using tandem hydraulic cylinders - One Step Hatch opened/closed using hydraulic cylinders - Hydraulic flow supplied by 12 V/DC power unit with a hand held 4 function pendant with 15' lead - 10 micron vacuum cyclonic filtration system - Sight glass bubble on hatch door - One 4" x 15' and one 4" x 10' vacuum hose and one detachable pick-up tube with cam-lock style fittings PRESSURE WASHER DRIVE ONE POWER - Water pump for pressure washer is belt driven and electric switch clutch engaged - 49 HP Diesel engine (above) provides power PRESSURE WASHER - 3000 PSI @ 4 GPM pressure washer pump - 100 gallon fresh water holding tank - Hose reel with 50' of hose - Pressure washer spray gun - Anti-Siphon air gap filler ANTI-FREEZE KIT	1

	(9.5%)
	TOTAL



Item 7.D - Exhibit B ESTIMATE

13761 Goldenwest Street # 1910
Westminster, CA 92684
714-835-3440

DATE	ORDER#
6/10/2019	2915

NAME / ADDRESS
Three Valleys Municipal Water 1021 Miramar Avenue Claremont, CA 91711 Attn: Accounts Payable

SHIP TO
Three Valleys Municipal Water 1021 Miramar Avenue Claremont, CA 91711 Attn: Freeman Ensign 626-290-8259

TERMS	REP	FOB	Lead Time
Net 20	DP	Garden Grove	27-28 weeks ARO

ITEM	DESCRIPTION	QTY
	- 4 gallon poly tank with 4" refill lid - Leak-proof bulkhead fitting - Suction hose with barbed fittings TRAILER - 16,000# GVWR – Manufacturer not responsible for overweight towing - Tandem 8,000# rated axles - Safety brake away function - 2-5/16" hitch - Electric brakes on both axles TRAILER AND DEBRIS TANK POWDER COATED PACIFIC TEK SAFETY YELLOW	

	(9.5%)
	TOTAL



Item 7.D - Exhibit B ESTIMATE

13761 Goldenwest Street # 1910
Westminster, CA 92684
714-835-3440

DATE	ORDER#
6/10/2019	2915

NAME / ADDRESS
Three Valleys Municipal Water 1021 Miramar Avenue Claremont, CA 91711 Attn: Accounts Payable

SHIP TO
Three Valleys Municipal Water 1021 Miramar Avenue Claremont, CA 91711 Attn: Freeman Ensign 626-290-8259

TERMS	REP	FOB	Lead Time
Net 20	DP	Garden Grove	27-28 weeks ARO


ITEM	DESCRIPTION	QTY
786-04030	Hydraulic Hose Support Boom - 6 Function Hose Support Boom - Hydraulically controlled vertical lift - Hydraulically controlled telescoping extension from 10' to 14' - Horizontal rotation up to 270 degrees from travel rest	1
11-00001	PT1000 Slide Head Valve Exerciser - 8' slide reach and up to 250 degree rotation - 12" x 12" x 1/2" steel mounting base - 850 ft-lb of torque - 15 gallon hydraulic fluid reservoir (shipped seperate - mounting and plumbing required) - Oil not included when shipped - Telescoping valve key 5'-8' and valve stem socket adaptor Ai - Automated Intelligence Valve Cycle Controller - Automatically and safely cycle through exercising valves - Includes weather resistant digital touch screen controller	1
Discount	Discount	1
Freight	Training & Delivery	1

This estimate is good for 30 Days	\$114,030.00
	(9.5%) \$10,642.85
	TOTAL \$124,672.85



Board of Directors Staff Report

To: TVMWD Board of Directors

From: Matthew H. Litchfield, General Manager 

Date: September 4, 2019

Subject: **Consideration of Resolution No. 19-09-DRAFT in Support of Balance Energy Solutions and Local Choice**

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

Staff Recommendation:

Informational Item Only

Background:

A number of state agencies are increasingly proposing new legislation and regulations looking to eliminate energy choices and mandating solutions to fully electrify homes and businesses in the future. These mandates eliminate local control and customer choice which suppresses innovation, reduces reliability, and unnecessarily increases costs for District residents and businesses.

Discussion:

The reduction of greenhouse gas emissions and reducing the effect of climate change is a concern and many state agencies are taking a much more active role in helping promote ideas and measures that seek to meet or exceed emission reduction regulations. The attached resolution for consideration is a positive step towards communicating the desire to protect these interests while providing a choice in the preferred energy solutions for homes and businesses.

This resolution does not take a position against electrification. However, it does emphasize the allowance for customer choice since the cost associated with electrical appliances and the long-term costs to operate these items is greater than gas operated equipment. Maintaining a balanced energy solution allows alternative sources to be developed and available in case of electrical grid failure. The State's focus on electrical energy delivery discourages investment in alternative energy sources.

Similar to the electrical companies, the Southern California Gas Company has also been doing its part to reduce greenhouse gases by promoting biogas or renewable natural gas. These energy alternatives come from sources such as green waste, wastewater treatment plants, food waste and agriculture waste. They can capture this methane, which would normally go into the atmosphere, and put it into their pipelines for customer use.

By supporting customer choice, the public can be protected from higher energy costs and make positive decisions for the future. Staff requests that the board discuss this item and consider bringing back the draft resolution for consideration of adoption at the next meeting.

Strategic Plan Objective(s):

3.3 – Be accountable and transparent with major decisions

Attachment(s):

Exhibit A – DRAFT Resolution No. 19-09-DRAFT

Meeting History:

None

NA/KRH

RESOLUTION NO. 19-09-DRAFT

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE THREE VALLEYS MUNICIPAL WATER DISTRICT
SUPPORTING BALANCED ENERGY SOLUTIONS AND LOCAL CHOICE**

WHEREAS, California's energy policies are critical to reducing greenhouse gas emissions and reducing the impact of climate change on our citizens;

WHEREAS, the state legislature and state agencies are increasingly proposing new legislation and regulations eliminating choice of energy by mandating technologies to power buildings and public and private fleets, including transit and long-haul trucking, as a strategy to achieve the state's climate goals;

WHEREAS, clean, affordable and reliable energy is crucial to the material health, safety and well-being of the public;

WHEREAS, local control and the right to choose the policies and investments that most affordably and efficiently enable the public to comply with state requirements in highly valued;

WHEREAS, building and vehicle technology mandates eliminate local control and customer choice, suppress innovation, reduce reliability and unnecessarily increase costs for residents and businesses;

WHEREAS, relying on a single energy delivery system unnecessarily increases vulnerabilities to natural and man-made disasters, and that a diversity of energy delivery systems and resources contribute to greater reliability and community resilience; and

WHEREAS, the district understands the need to mitigate the impacts of climate change and is committed to doing its part to help the state achieve its climate goals, requiring the flexibility to do so in a manner that best serves the needs of its residents and businesses.

NOW, THEREFORE, BE IT RESOLVED, by the Three Valleys Municipal Water District, as follows:

That district supports balanced energy solutions that provide decision-making authority and resources needed to achieve the state's climate goals and opposes proposed state legislation and policy that eliminate local control by mandating technologies that can be used to power buildings and fuel vehicles, and also meet or exceed emissions reductions regulations.

Item 7.E - Exhibit A

ADOPTED and **PASSED** at a meeting of the Three Valleys Municipal Water District's Board of Directors, on this 18th day of September 2019, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Bob G. Kuhn, President


ATTEST:

Brian Bowcock, Secretary

SEAL:



Board of Directors Staff Report

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: September 4, 2019
Subject: **Proposed Amendments to the TVMWD Conflict of Interest Code**

<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:	

Staff Recommendation:

Informational Item Only

Background:

At the June 19, 2019 Board meeting, staff brought a proposed amendment to the TVMWD Conflict of Interest Code for approval by resolution. This was in response to a prior notice received from Los Angeles County Board of Supervisors – Executive Office, initiating the 2018 biennial review process. However, at the time that the board approved the proposed amendments to the District’s Conflict of Interest Code in June of this year, it had taken the County nearly a year to process the documents originally submitted by district staff in 2018.

Several revisions to various district classification and titles have taken place due to the recent reorganization efforts, prompting staff to inquire of the County and subsequently receive a recommendation to submit the latest revisions back to the County for processing. Staff is requesting the board review the recommended changes to the Conflict of Interest Code and formally approve the amendments, at which time they will be forwarded back to the County for approval.

Strategic Plan Objective(s):

3.3 – Be accountable and transparent with major decisions

Attachment(s):

Exhibit A – Conflict of Interest Code – Three Valleys MWD

Exhibit B - Conflict of Interest Code - Amendment form Adding a Position

Exhibit C - Conflict of Interest Code - Amendment form Changing a Position Title

Exhibit D - Conflict of Interest Code - Amendment form Deleting a Position

Exhibit E – Conflict of Interest Code – Recommended Disclosure Categories

Meeting History:

Board of Directors Meeting – June 19, 2019, Action Item

KRH/ML

Conflict of Interest Code
of the

THREE VALLEYS MUNICIPAL WATER DISTRICT

Incorporation of FPPC Regulation 18730 (2 California Code of Regulations, Section 18730) by Reference

The Political Reform Act (Government Code Section 81000, *et seq.*) requires state and local government agencies to adopt and promulgate conflict of interest codes. The Fair Political Practices Commission has adopted a regulation (2 Cal. Code of Regs. 18730), which contains the terms of a standard conflict of interest code. After public notice and hearing, it may be amended by the Fair Political Practices Commission to conform to amendments in the Political Reform Act. Therefore, the terms of 2 California Code of Regulations Section 18730, and any amendments to it duly adopted by the Fair Political Practices Commission, are hereby incorporated into the conflict of interest code of this agency by reference. This regulation and the attached Appendices (or Exhibits) designating officials and employees and establishing economic disclosure categories shall constitute the conflict of interest code of this agency.

Place of Filing of Statements of Economic Interests

All officials and employees required to submit a statement of economic interests shall file their statements with the agency head; or his or her designee. The agency shall make and retain a copy of all statements filed by its Directors and General Manager/Chief Engineer and forward the originals of such statements to the Executive Office of the Board of Supervisors of Los Angeles County.

The agency shall retain the originals of statements for all other Designated Positions named in the agency's conflict of interest code. All retained statements, original or copied, shall be available for public inspection and reproduction (Gov. Code Section 81008).

THREE VALLEYS MUNICIPAL WATER DISTRICT

EXHIBIT "A"

CATEGORY 1

Persons in this category shall disclose all interest in real property within the jurisdiction. Real property shall be deemed to be within the jurisdiction if the property or any part of it is located within or not more than two miles outside the boundaries of the jurisdiction or within two miles of any land owned or used by the agency.

Persons are not required to disclose a residence, such as a home or vacation cabin, used exclusively as a personal residence; however, a residence in which a person rents out a room or for which a person claims a business deduction may be reportable.

CATEGORY 2

Persons in this category shall disclose all investments and business positions.

CATEGORY 3

Persons in this category shall disclose all income (including loans, gifts, and travel payments) and business positions.

CATEGORY 4

Persons in this category shall disclose all business positions, investments in, or income (including loans, gifts, and travel payments) received from business entities that manufacture, provide or sell service and/or supplies of a type utilized by the agency and associated with the job assignment of designated positions assigned to this disclosure category.

THREE VALLEYS MUNICIPAL WATER DISTRICT

EXHIBIT "B"

<u>Designated Positions</u>	<u>Disclosure Categories</u>
Director	1, 2, 3
General Manager/Chief Engineer	1, 2, 3
Assistant General Manager	1, 2, 3
Chief Administrative Officer	1, 2, 3
Chief Finance Officer	1, 2, 3
Senior Financial Analyst	4
Chief of Engineering/Operations Officer	1, 2, 3
Project Manager	4
Water Operations Manager	4
Operations Supervisor	4
Executive Assistant	4
Consultants/New Positions*	

* Consultants/New Positions are included in the list of designated positions and shall disclose pursuant to the broadest disclosure category in the code, subject to the following limitations:

The General Manager/Chief Engineer or his or her designee may determine in writing that a particular consultant or new position, although a "designated position," is hired to perform a range of duties that is limited in scope and thus is not required to fully comply with disclosure requirements in this section. Such written determination shall include a description of the consultant's or new position's duties and, based upon that description, a statement of the extent of disclosure requirements. The General Manager/Chief Engineer or his or her designee's determination is a public record and shall be retained for public inspection in the same manner and location as this conflict-of-interest code. (Gov. Code Section 81008.)

Individuals who perform under contract the identical duties of any designated position shall be required to file Statements of Economic Interests disclosing reportable interests in the categories assigned to that designated position.

EFFECTIVE DATE: 5/15/2019



County of Los Angeles
Conflict of Interest Code
Amendment Form for Adding a Position

Name of Agency: Three Valleys Municipal Water District

Name of Agency Code Officer: Nadia Aguirre Date: 9/18/2019

My agency has added the following position(s):

Designated Position Title - Information Technology Manager

Justification for Addition:
This position will be responsible for planning, administering and evaluating the effectiveness of District information technology services to ensure conformance with District policies, standards, and statutes. This position administers the District's networks, operating systems, security, applications and websites. This was a newly added position during 2019.

Designated Position Title - Human Resources/Risk Manager (part-time)

Justification for Addition:
This position will be responsible for handling personnel issues and managing personnel file, recruitments and benefits. This was a newly added position during 2019.

Designated Position Title - _____

Justification for Addition:

Designated Position Title - _____

Justification for Addition:



County of Los Angeles
Conflict of Interest Code
Amendment Form for Changing a Position Title

Name of Agency: Three Valleys Municipal Water District

Name of Agency Code Officer: Nadia Aguirre Date: 9/18/2019

My agency has the following title change(s):

Current Position Title: Chief of Engineering/Operations Officer

Position Title Changed to: Chief Water Resources Officer

Reason for the Change:

Is this simply a title change with no change in responsibilities? If yes, no further information is needed. If no, briefly describe the increased and/or decreased responsibilities.

Current Position Title: Water Operations Manager

Position Title Changed to: Chief Operations Officer

Reason for the Change:

Is this simply a title change with no change in responsibilities? If yes, no further information is needed. If no, briefly describe the increased and/or decreased responsibilities.

Current Position Title: _____

Position Title Changed to: _____

Reason for the Change:

Is this simply a title change with no change in responsibilities? If yes, no further information is needed. If no, briefly describe the increased and/or decreased responsibilities.



Item 7.F - Exhibit D

County of Los Angeles
Conflict of Interest Code
Amendment Form for Deleting a Position

Name of Agency: Three Valleys Municipal Water District

Name of Agency Code Officer: Nadia Aguirre Date: 9/18/2019

My agency has deleted the following position(s):

Designated Position to be Deleted - Assistant General Manager

1. What is the reason for deleting the position? The position was temporary as part of a transition into the permanent role of General Manager.

2. Were the duties completely eliminated? Yes.

3. Did another position absorb the duties of the deleted position?

a. If yes, which position? No.

b. Does this position require a change in its existing disclosure category? _____
If yes, please complete Disclosure Change Form

Designated Position to be Deleted - _____

1. What is the reason for deleting the position? _____

2. Were the duties completely eliminated? _____

3. Did another position absorb the duties of the deleted position?

a. If yes, which position? _____

b. Does this position require a change in its existing disclosure category? _____
If yes, please complete Disclosure Change Form

THREE VALLEYS MUNICIPAL WATER DISTRICT
 Conflict of interest Code
 EXHIBIT “E” - Recommended

<u>Designated Positions</u>	<u>Disclosure Categories</u>
Director	1, 2, 3
General Manager/Chief Engineer	1, 2, 3
Assistant General Manager ¹	1, 2, 3
Chief Administrative Officer	1, 2, 3
Chief Finance Officer	1, 2, 3
Chief of Engineering/Operations Officer ² – <u>Chief Water Resources Officer</u>	1, 2, 3
Water Operations Manager ³ – <u>Chief Operations Officer</u>	4 1,2,3
Senior Financial Analyst	4
Project Manager	4
Operations Supervisor	4
<u>Information Technology Manager</u> ⁴	4
Executive Assistant	4
<u>Human Resources/Risk Manager</u> ⁵	4
Consultant	5

¹ Delete from Code

² Title Change Only


³ Title Change Only

⁴ New Position

⁵ New Position



Board of Directors
Staff Report

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: September 4, 2019
Subject: Employee Health Care Costs CY 2020

<input type="checkbox"/>	For Action	<input checked="" type="checkbox"/>	Fiscal Impact	\$ 5,000
<input checked="" type="checkbox"/>	Information Only	<input checked="" type="checkbox"/>	Funds Budgeted: \$29,000 for expected increases	

Staff Recommendation:

No Action Necessary – Informational Item Only

Background:

TVMWD’s policy requires employees to contribute 10% towards their individual medical premiums, with the following exceptions:

- Employee hired before 12/31/10 under the previous allowance method
- Single employee enrolled in lowest cost plan
- Employee enrolled in Anthem Blue Cross CDHP (Consumer Driven Health Plan)
 - No premium cost and TVMWD contributes additional amount (single - \$400; two or more - \$800) to employee’s HSA (Health Savings Account) plan.

Employees may opt themselves and/or family members out of medical coverage with proof of comparable alternative medical coverage. The employee receives 70% of TVMWD’s savings.

Discussion:

On June 24, 2019 the JPIA (Joint Powers Insurance Authority) Executive Committee approved renewal of employee benefits plans with the following rate increases for 2020:

- Anthem PPO 0%
- Anthem CDHP 0%
- Anthem HMO 8%
- Kaiser HMO 2%
- Delta Dental 0%
- DeltaCare HMO 5%
- VSP 0%

Listed below is a summary of recent changes:

Plan	% change 2019 to 2020	% change 2018 to 2019	% change 2017 to 2018
Anthem Blue Cross PPO	0%	0%	5%
Anthem Blue Cross HMO	8%	0%	8%
Anthem Blue Cross CDHP	0%	0%	5%
Kaiser HMO	2%	3%	13%
Delta Dental PPO	0%	0%	0%
DeltaCare HMO	5%	0%	0%
VSP	0%	0%	0%

JPIA has performed well keeping rate increases down. One action effective for 2019 was changing the pharmacy benefit manager for the PPO & CDHP plans. The pharmacy benefit manager processes prescription drug claims, negotiates pricing and rebates with drug manufacturers, and maintains a drug formulary list that promotes the use of drugs deemed the most cost effective and therapeutically effective. The change from Express Scripts to MedImpact is on track to save JPIA \$3M for 2019.

Considering the minor rate changes to the benefit plans, staff’s recommendation is to continue with the existing policy. Attached is a summary of TVMWD’s health care costs for 2020 based on the existing policy.

Staff will bring this item back for board consideration at the September 18, 2019 meeting. Pending approval, open enrollment for JPIA benefits will be October 1, 2019 through October 31, 2019.

Strategic Plan Objective(s):

3.3 – Be accountable and transparent with major decisions

Attachment(s):

Exhibit A – Health Care Costs Summary 2020

Meeting History:

None

NA/JL

**Three Valleys Municipal Water District
Health Care Costs 2020 - Monthly**

Benefit-->	Medical				Dental		Vision
	Anthem Blue Cross			Kaiser	Delta		VSP
	PPO	CDHP	HMO	HMO	PPO	HMO	PPO
Status							
Employee Cost							
EE	\$ 84.51	\$ -	\$ 79.71	\$ -	\$ -	\$ -	\$ -
EE+1	\$ 169.03	\$ -	\$ 159.42	\$ 126.43	\$ -	\$ -	\$ -
Family	\$ 223.96	\$ -	\$ 211.23	\$ 178.19	\$ -	\$ -	\$ -
TVMWD Cost							
EE	\$ 760.63	\$ 676.11	\$ 717.38	\$ 640.65	\$ 33.72	\$ 29.19	\$ 17.21
EE+1	\$ 1,521.25	\$ 1,352.22	\$ 1,434.76	\$ 1,137.87	\$ 69.09	\$ 45.36	\$ 17.21
Family	\$ 2,015.66	\$ 1,791.70	\$ 1,901.06	\$ 1,603.74	\$ 122.90	\$ 64.72	\$ 17.21
HSA/HRA Benefit							
	HRA	HSA	HRA	HRA	Full-time staff and elected officials provided \$1,000 each calendar year to HSA/HRA.		
EE	\$ 1,000.00	\$ 1,400.00	\$ 1,000.00	\$ 1,000.00			
EE+1	\$ 1,000.00	\$ 1,800.00	\$ 1,000.00	\$ 1,000.00			
Family	\$ 1,000.00	\$ 1,800.00	\$ 1,000.00	\$ 1,000.00			

Employee Cost - 10% of medical premium, with the following exceptions:


- Single employee enrolled in lowest cost medical plan (JPIA requirement).
- Employee hired before 12/31/10 subject to allowance for med/den/vis (\$550 EE; \$1,230 EE+1; \$1,450 Family)
- Employee in CDHP pays no premium and receives additional contribution to HSA (\$400 EE; \$800 EE+1 or Family)

Medical Opt Out - Employee may opt themselves and/or family members out of medical coverage during open enrollment with proof of comparable alternative medical coverage. The opt out amount is 70% of the average plan cost (based on status). JPIA requires medical coverage for 75% of TVMWD employees. Cash back is not available for elected officials.

<u>Opt Out Cash Back</u>	
EE	\$ 518
EE+1	\$ 1,033
Family	\$ 1,387



Board of Directors Staff Report

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: September 4, 2019
Subject: **Capital Projects Status Report**

<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:

No Action Necessary – Informational Item Only

Discussion:

A brief status report for each project is provided below. Staff will provide a brief PowerPoint presentation on the current status of active construction projects:

TVMWD Grand Avenue Well Equipping Project – Project No. 58446

The general contractor, E.J. Meyer Company (“EJM”) began on site mobilization in early June and began construction of the pipeline at the Miramar Plant in mid-June. This pipeline and the tie-in to the reservoir was completed in late August. EJM began construction of the 8-inch diameter discharge pipeline, at the south end of Grand Avenue, on July 22nd and completed installation north to Miramar Avenue on August 21st.

Staff anticipates construction of the remaining pipeline east on Miramar Avenue and north on Padua Avenue will be completed by late September and the on-site well equipping construction will be completed by late February 2020.

TVMWD Baseline Road Well Project – Project No. 58458

No new information to report.

JWL Control Valve – Project No. 58462

Construction began on June 17th and was completed in early August. The equipment will allow the District to expand efficient use of its transmission line by incorporating the Fulton reservoir for better flow control to supply water through its JWL connection without over-pressurizing the JWL’s concrete pipe.

The recent completion of this project will allow a new residual chloramination station to be installed at the Fulton Reservoir sometime in late 2019 or early 2020 to continue supplying high quality potable water to its member agencies.

Miragrand Well PDR Request For Proposals – Project No. 51992

The completed Preliminary Design Report (“PDR”) will be the basis for the pending CEQA documentation and environmental permitting process. The PDR has created the framework for the direction to complete the CEQA process and permit approvals.

Miragrand Well CEQA Request For Proposals – Project No. 51992

The selected consultant (Jericho Systems) will reference the PDR in preparation of the environmental documentation (i.e. Initial Study & Negative Declaration) before receiving permit approval per the California Environmental Quality Act and the State of California Department of Water Resources, Division of Drinking Water (“DDW”).

Strategic Plan Objective(s):

- 1.3 – Maintain diverse sources of water supplies and storage, and increase extractable water storage supplies to 10,000 AF.
- 1.4 – Capable of delivering 10,000 AFY from local sources in case of drought or catastrophe.
- 1.5 – Maintain water infrastructure to assure 100% reliability.
- 2.1 – Utilize 10,000 AF of well production to meet annual demands.
- 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:

Board Meeting – March 06, 2019