



Las Virgenes – Triunfo Joint Powers Authority
4232 Las Virgenes Road, Calabasas, CA 91302
818.251.2100



Call and Notice of Special Meeting of the Governing Board of the
Las Virgenes – Triunfo Joint Powers Authority

A Special Meeting of the Governing Board of the Las Virgenes – Triunfo Joint Powers Authority (JPA) is hereby called, and notice of said Special Meeting is hereby given for **5:00 p.m. on Wednesday, September 5, 2018**, at Oak Park Library, 899 N. Kanan Road, Oak Park, California 91377, to consider the following:

PLEDGE OF ALLEGIANCE

1. Call to Order and Roll Call
2. Special Meeting of September 5, 2018 (Agenda attached)
3. Adjourn

By Order of the Board of Directors
GLEN PETERSON, Chair

A handwritten signature in blue ink that reads "David W. Pedersen".

David W. Pedersen, P.E.
Deputy Secretary

Dated: August 29, 2018

c: Each Director

Glen Peterson
Chair, Las Virgenes-Triunfo
Joint Powers Authority
President, Las Virgenes Municipal Water District
Board of Directors

Michael Paule
Vice Chair, Las Virgenes-Triunfo
Joint Powers Authority
Chair, Triunfo Sanitation District
Board of Directors

**LAS VIRGENES - TRIUNFO
JOINT POWERS AUTHORITY
AGENDA**

899 Kanan Road, Oak Park, CA 91377

CLOSING TIME FOR AGENDA IS 8:30 A.M. ON THE TUESDAY PRECEDING THE MEETING. GOVERNMENT CODE SECTION 54954.2 PROHIBITS TAKING ACTION ON ITEMS NOT ON POSTED AGENDA UNLESS AN EMERGENCY, AS DEFINED IN GOVERNMENT CODE SECTION 54956.5 EXISTS OR UNLESS OTHER REQUIREMENTS OF GOVERNMENT CODE SECTION 54954.2(B) ARE MET.

5:00 PM

September 5, 2018

PLEDGE OF ALLEGIANCE

1 CALL TO ORDER AND ROLL CALL

2 APPROVAL OF AGENDA

3 PUBLIC COMMENTS

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

4 CONSENT CALENDAR

A Minutes: Regular Meeting of August 6, 2018 (Pg. 4)
Approve.

5 ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A Pure Water Project Las Virgenes-Triunfo: Update

6 ACTION ITEMS

A Tapia Process Air Pipeline Repair: Award (Pg. 11)

Waive the formal bidding process; find that WEKO-SEAL must be designated by specific trade name to obtain the necessary items and services that are only available from one source; and authorize the Administering Agent/General Manager to execute a contractual service agreement with Miller Pipeline, in the amount of \$94,550, to complete the repair of the Tapia process air pipeline.

B Rancho Lighting Efficiency Upgrade Project: Award (Pg. 30)

Accept the proposal from Retro-Tek Energy Services, Inc.; authorize the Administering Agent/General Manager to execute a contractual services agreement,

in the amount of \$299,971; and appropriate \$362,968 for the Rancho Lighting Efficiency Upgrade Project.

7 **BOARD COMMENTS**

8 **ADMINISTERING AGENT/GENERAL MANAGER REPORT**

9 **FUTURE AGENDA ITEMS**

10 **INFORMATION ITEMS**

A State and Federal Legislative Update (Pg. 33)

B Digester No. 1 Rehabilitation Project: Final Acceptance (Pg. 48)

11 **PUBLIC COMMENTS**

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

12 **CLOSED SESSION**

A Conference with Legal Counsel – Existing Litigation (Government Code Section 54956.9(a)):

Zusser Construction, Inc. v. Las Virgenes Municipal Water District

13 **ADJOURNMENT**

Pursuant to Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and applicable federal rules and regulations, requests for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting, should be made to the Executive Assistant/Clerk of the Board in advance of the meeting to ensure availability of the requested service or accommodation. Notices, agendas, and public documents related to the Board meetings can be made available in appropriate alternative format upon request.

**LAS VIRGENES – TRIUNFO
JOINT POWERS AUTHORITY
MINUTES
REGULAR MEETING**

5:00 PM

August 6, 2018

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by John Mathews.

1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at **5:00 p.m.** by Chair Peterson in the Board Room at Las Virgenes Municipal Water District headquarters at 4232 Las Virgenes Road in Calabasas, California. Josie Guzman, Clerk of the Board, conducted the roll call.

Present: Directors Caspary, Lewitt, Orkney, Pan, Paule, Peterson, Polan, and Tjulander

Absent: Directors Renger (arrived at 5:26 p.m.) and Wall

2. APPROVAL OF AGENDA

Director Caspary moved to approve the agenda. Motion seconded by Director Paule. Motion carried by the following vote:

AYES: Caspary, Lewitt, Orkney, Pan, Paule, Peterson, Polan, Tjulander

NOES: None

ABSTAIN: None

ABSENT: Renger, Wall

3. PUBLIC COMMENTS

None.

4. CONSENT CALENDAR

A Minutes: Special Meeting of July 11, 2018

Director Orkney moved to approve the Consent Calendar. Motion seconded by Director Caspary. Motion carried by the following vote:

AYES: Caspary, Lewitt, Orkney, Pan, Paule, Peterson, Polan, Tjulander
NOES: None
ABSTAIN: None
ABSENT: Renger, Wall

5. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A Recognition of Director Michael L. Paule's Service to the JPA

Chair Peterson presented a proclamation to Director Michael L. Paule in recognition of his 10 years of service to the JPA.

Director Paule thanked the Board for the opportunity to serve on the JPA, and stated that he was looking forward to new opportunities in Texas.

B Pure Water Project Las Virgenes-Triunfo: Public Outreach Plan Update

Receive and file an update on the public outreach plan for the Pure Water Project Las Virgenes-Triunfo and provide staff with direction on whether to modify the logo associated with the project.

Joe McDermott, Director of Resource Conservation and Public Outreach, presented the report. He noted that staff would seek assistance from the JPA Board in selecting the 50 most influential people as part of the Utility Branding Network outreach efforts.

Director Orkney suggested that JPA Board members attend Calleguas Municipal Water District's MWD Tours to share information regarding the Pure Water Project Las Virgenes-Triunfo. She also suggested that staff conduct outreach to the Westlake Village Joint Homeowners' Association. Administering Agent/General Manager David Pedersen stated that staff would follow-up.

Director Polan requested that the Pure Water Demonstration Project Orientation video be as lively and entertaining as possible and similar to the Pure Water Monterey orientation video.

A discussion ensued regarding the color scheme and design of the current logo. The Board concurred that the preference was Alternate Logo #2 with one arrow in the middle and keeping the green lettering for "Pure Water Project."

Director Polan moved to approve Item 5B. Motion seconded by Director Caspary. Motion carried by the following vote:

AYES: Caspary, Lewitt, Orkney, Pan, Paule, Peterson, Polan, Tjulander
NOES: None

ABSTAIN: None
ABSENT: Renger, Wall

6. ACTION ITEMS

**A Rancho Amendment Bin and Conveyance Modifications Project:
Purchase Order for Biosolids Disposal during Construction**

Accept the proposal from New Earth USA, and authorize the General Manager/Administering Agent to issue a purchase order, in the amount of \$175,000, for biosolids disposal during construction of the Rancho Amendment Bin and Conveyance Modifications Project.

Administering Agent/General Manager David Pedersen presented the report.

Director Caspary moved to approve Item 6A. Motion seconded by Director Pan.

Director Renger arrived at 5:26 p.m.

Director Caspary requested that staff review the permitting status of New Earth USA's processing facility, as well as maintain contact with the associated regulatory agencies during the duration of this contract.

Administering Agent/General Manager David Pedersen responded to a question regarding whether the composting facility would realize a cost savings during the shutdown period by stating that there would be a cost savings with not having to use amendment; however, maintenance work would take place that would not normally be done when the facility is in operation and there would be no cost savings due to continued staffing costs. David Lippman, Director of Facilities and Operations, added that half of the facilities would remain in operation during the shutdown and staff would continue to send biosolids from the Tapia Water Reclamation Facility to the digesters to digest and dewater the sludge.

A discussion ensued regarding concerns with shutting down the compost giveaway program during the shutdown period, exploring ways to keep this program open for the public such as accumulating additional compost and restricting and rationing the amount of compost given away, and restricting compost to commercial clients.

Motion carried by the following vote:

AYES: Caspary, Lewitt, Orkney, Pan, Paule, Peterson, Polan, Renger, Tjulander
NOES: None
ABSTAIN: None
ABSENT: Wall

B Pure Water Project Las Virgenes-Triunfo: Findings of National Water Research Institute Independent Advisory Panel

Accept the proposal from Trussell Technologies, Inc.; and authorize the General Manager/Administering Agent to execute a professional services agreement, in the amount of \$79,062, for additional modeling and probabilistic analysis of Las Virgenes Reservoir and to provide a step-by-step framework of necessary actions required by the State Water Resources Control Board to receive regulatory approval for the Pure Water Project Las Virgenes-Triunfo.

Administering Agent/General Manager David Pedersen presented the report.

Director Caspary moved to approve Item 6B. Motion seconded by Director Lewitt.

Administering Agent/General Manager David Pedersen responded to a question regarding the operating parameters that may require discharge to Malibu Creek under the most adverse meteorological conditions by stating that the NPDES permit renewal for the Tapia Water Reclamation Facility included provisions to allow for discharge under certain circumstances, such as storm events when there is more water to be processed than can be handled and due to operational issues at the treatment plant. He stated that the goal would be to design the system in order to maintain full operational flexibility at the Westlake Filtration Plant. He also stated that the purpose of looking at a submerged outlet and a diffuser is to demonstrate that the plant can meet 100 percent of the regulations at all times.

Bryan Trussell, representing Trussell Technologies, Inc., concurred that the goal would be to ensure operation of the Westlake Filtration Plant at all times. He summarized the findings of the modeling results, including changes in wind conditions that pushed water from the discharge point along the surface of the reservoir to the inlet of the filter plant. He stated that a possible solution could include a submerged diffuser. He responded to questions related to the Advanced Water Treatment Facility Discharge Diffuser Assessment, the Reservoir Modeling Probabilistic Analysis, and meeting the Los Angeles Regional Water Quality Control Board's regulations.

Director Renger suggested putting buoyed and anchored curtains in the reservoir to block the surface flow when wind blows in the wrong direction, consider using floating solar cells for power to cut the interaction between the wind and water surface, and consider using Solar Bees that use sunlight to generate power to mix the water. Bryan Trussell responded that the Independent Advisory Panel believed that Solar Bees might not provide sufficient mixing. He stated that he believed modeling alone with the diffuser would likely be successful, but if not perhaps Director Renger's suggestions would be worthy of consideration.

Motion carried by the following vote:

AYES: Caspary, Lewitt, Orkney, Pan, Paule, Peterson, Polan, Renger, Tjulander
NOES: None
ABSTAIN: None
ABSENT: Wall

C State and Federal Legislative and Regulatory Advocacy: Contract Renewal

Authorize the Administering Agent/General Manager to execute a one-year renewal of the professional services agreement with Best Best & Krieger LLP, in the amount of \$130,000, for state and federal legislative and regulatory advocacy services.

Administering Agent/General Manager David Pedersen presented the report.

Director Lewitt moved to approve Item 6C. Motion seconded by Director Tjulander. Motion carried by the following vote:

AYES: Caspary, Lewitt, Orkney, Pan, Paule, Peterson, Polan, Renger, Tjulander
NOES: None
ABSTAIN: None
ABSENT: Wall

7. BOARD COMMENTS

Director Polan reported that he was invited to attend Administering Agent/General Manager David Pedersen's presentation at the Westlake Village City Council Meeting regarding the progress of the Pure Water Project Las Virgenes-Triunfo. He noted they informed the City Council that the project was on schedule and the Pure Water Demonstration Project would begin in 2019.

Director Pan inquired whether the JPA had applied for MWD's Future Supply Actions Grant, where each member agency may apply for up to \$500,000. Administering Agent/General Manager David Pedersen responded that staff is looking into this grant program, which was formerly known as the Foundational Actions Program. He stated that there are elements under which the Pure Water Project Las Virgenes-Triunfo may qualify.

8. ADMINISTERING AGENT/GENERAL MANAGER REPORT

Administering Agent/General Manager David Pedersen reminded the Board that the next JPA Board Meeting would be held on Wednesday, September 5, 2018, at 5:00 p.m., at Oak Park Library.

9. FUTURE AGENDA ITEMS

None.

10. INFORMATION ITEMS

A Federal Legislative Update

B Tapia Water Reclamation Facility Chloride Study: Evaluation of Options Report

11. PUBLIC COMMENTS

None.

12. CLOSED SESSION

A Conference with Legal Counsel – Existing Litigation (Government Code Section 54956.9(a)):

Zusser Construction, Inc. v. Las Virgenes Municipal Water District

The Board recessed to Closed Session at **6:00 p.m.**, and reconvened to Open Session at **6:19 p.m.**

Authority Counsel Keith Lemieux announced there was no reportable action.

13. ADJOURNMENT

Seeing no further business to come before the Board, the meeting was duly adjourned at **6:19 p.m.**

Glen Peterson, Chair

ATTEST:

Janna Orkney, Vice Chair

September 5, 2018 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject : Tapia Process Air Pipeline Repair: Award

SUMMARY:

On July 11, 2018, the JPA Board authorized a Call for Bids for the Tapia Process Air Improvements Project, which includes replacement of the existing blowers and aeration basin air diffusers that have reached the end of their useful life. The new blowers and diffusers will improve energy efficiency and increase oxygen transfer for the biological treatment process and filter backwashing. During design of the project, a section of the process air pipeline was found to be leaking due to water that bubbled through the asphalt above it during a rain event early 2017. The leaking air pipeline will compromise the efficiency of the new blowers, clog the fine bubbler diffusers with particulates and erode the expected operational cost-savings.

To address the issue, staff researched repair methods and identified Miller Pipeline as the sole proprietor of WEKO-SEAL, a high-temperature resistant ethylene propylene diene monomer (EPDM) rubber that can seal joints and pinholes within large pipelines. On June 27, 2018 Miller Pipeline inspected 180 feet of the 42-inch carbon steel air pipeline to evaluate its condition and determine if the use of WEKO-SEAL would be a viable solution. The inspection report highlighted rust and soils accumulating around the pipe joints, as well as pinholes and thinning walls at isolated locations. Miller Pipeline concluded that the use of WEKO-SEAL would provide an effective repair.

As a result, staff recommends that the Board make a finding pursuant to Public Contract Code Section 3400 that WEKO-SEAL be designated by particular brand or trade name to obtain the necessary item that is only available from one source. In addition, staff recommends the execution of a contractual services agreement with Miller Pipeline for the work.

RECOMMENDATION(S):

Waive the formal bidding process; find that WEKO-SEAL must be designated by specific trade name to obtain the necessary items and services that are only available from one source; and authorize the Administering Agent/General Manager to execute a contractual service agreement with Miller Pipeline, in the amount of \$94,550, to complete the repair of the Tapia process air pipeline.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The total cost of the work is estimated to be \$125,205, which includes the cost of the pipeline inspection, materials, labor and a 10% contingency. Sufficient funds are available in the adopted Fiscal Year 2018-19 JPA Budget for the work. The cost will be allocated 70.6% to LVMWD and 29.4% to Triunfo Sanitation District.

Following is a summary of the total estimated cost.

<u>Description</u>	<u>Cost</u>
Inspection of Air Line:	\$21,200
<u>Contractual Services:</u>	
Miller Pipeline Proposal:	\$94,550
Contingency (10%):	\$9,455
Total Cost:	\$125,205

DISCUSSION:

During design of the Tapia Process Air Improvements Project, air was found bubbling from the asphalt during a rain event on January 16, 2017. After investigation, it was determined that the air that was leaking from a section of a 42-inch carbon steel process air pipeline. It was believed that the rubber gaskets on the pipe's couplings may have deteriorated over the years, allowing air to escape from the pipeline. Staff evaluated a variety of possible solutions to rehabilitate the pipeline, such as the use of cured-in-place pipe, slip-lining and pipe replacement; however, the maximum temperature of 235 degrees F within the pipeline significantly limited the options. The alternatives were also found to be costly, disruptive to the operation of Tapia for an extended period of time and/or unable to be installed before the start of the Tapia Process Air Improvements Project. WEKO-SEAL, an internal joint seal made out of high-temperature resistant (250 degrees F) EPDM rubber and a proprietary item of Miller Pipeline, was determined to be the only product capable of withstanding the maximum temperature within the air pipeline that could be installed within a short period of time without disrupting Tapia's operations or delaying construction of the Tapia Process Air Improvements Project.

Further investigation was needed to provide insight on selection of a pipeline repair method, and the ability to access the pipeline was limited due to operational constraints. As a result, on June 27, 2018, Miller Pipeline was hired to inspect the pipeline, provide a condition assessment and determine if the use of WEKO-SEAL would provide a viable solution. The inspection report (copy attached) highlighted that sand, silt, and rust had accumulated around the pipeline joints, an indicator that the coupling's rubber gaskets had deteriorated and allowed sand and debris to enter the pipe and air to leak. The findings also included pinholes, approximately 30 linear feet of thinning pipe wall and staining around the pipe laterals. The loss of air and the sand and silt entering the pipeline can compromise the integrity of the

new process air system by clogging the fine bubbler diffusers and decreasing the overall efficiency of the system.

Miller Pipeline proposes a solution using five WEKO-SEALS to seal the pipe joints, high-temperature resistant epoxy around the laterals, 30 linear feet of WEKO-SEAL band with a stainless steel backing for the thinning pipe section and a bonding wire between pipe joints for corrosion protection. The total cost of furnishing the materials with labor is \$94,550. The process will seal all current pinholes, slow the corrosion process and increase the structural integrity of the thinning wall pipe. The work is estimated to require five days to complete. Staff recommends proceeding with the work to ensure the success of the Process Air Improvements Project.

Prepared by: Mercedes Acevedo, E.I.T, Assistant Engineer

ATTACHMENTS:

Miller Pipeline Tapia Air Pipeline Inspection Report

Miller Pipeline Proposal

WEKO-SEAL™

BY MILLER PIPELINE

www.weko-seal.com

WEKO-SEAL Inspection 7/10/18 With Recommendations

WS-2442

Overall Score 100%

Tests Completed 5

Actions Required 0

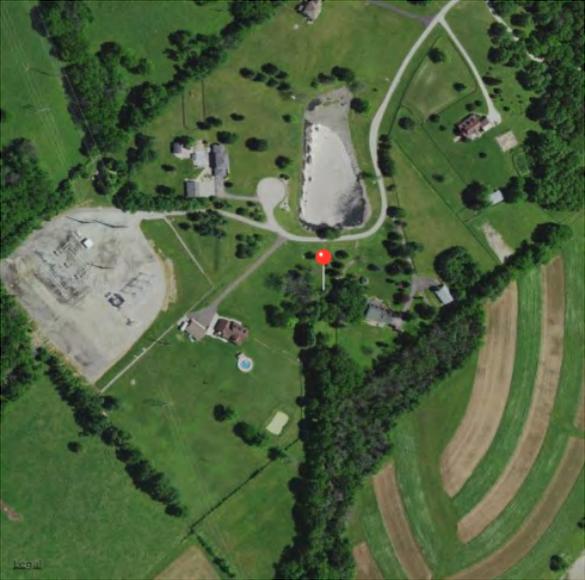
Audit Company Miller Pipeline

Auditor Daniel Watters

Created Jul 20, 2018 at 4:51 PM

Last Updated Jul 20, 2018 at 5:53 PM

Location



1 Project Information

1.1 Client Contact Information

N/A

Eric Schlageter or Mercedes Acevedo
4332 Las Virgenes Road
Calabasas, CA 91302
818-251-2147

1.2 Owner Contact Information

N/A

1.3 Project Site/Entrance Photos

N/A



1.3 A

15:03 - Jul 10, 2018



1.3 B

15:04 - Jul 10, 2018



1.3 C

15:04 - Jul 10, 2018

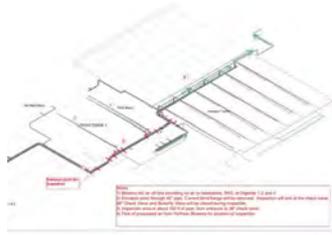
2 Pre-Job Inspection

2.1 Daily Safety Meetings

Pass

2.2 Lock Out - Tag Out Review

Pass



2.2 A

20:46 - Jul 10, 2018

2.3 Confined Space Entry Permit

Pass

Entry permit completed as required prior to entry.

2.4 Confined Space Rescue Plan Review

Pass

Jerry Briner assigned as rescue attendant. Rescue equipment available and onsite, including body harness, rescue cart, wrist/ankle harness, 15 minute escape packs, tag lines and man rated rope.

2.5 Ventilation Plan Review

Pass

One way ventilation required use of ventilation hose in pipe.
Properly sized electric blower used along with 180' of ventilation hose.
4 Gas monitor used by entrant for constant atmospheric monitoring.

3 Pipe Inspection Notes

3.1 Inspection Note 1

N/A

Joint No. 1 location 8'2"

Joint separation larger on joint 1 compared to the other joints, approximately 1.5 inches.



3.1 A

17:07 - Jul 10, 2018

3.2 Inspection Note 2

N/A

Joint No. 2 location 55'8".

The joint is located in the middle of 45 degree bend. Welded joints on both sides of joint number 2 , in the 45 degree bend look good and do not show signs of corrosion or leakage.



3.2 A

17:15 - Jul 10, 2018

3.3 Inspection Note 3

N/A

Pipe corrosion between joints 2-3.

Corrosion starts approximately 4 feet after the 45 degree fitting and continues through to joint 3. Approximately 30'. Pipe wall has severe pipe wall thinning and pinholes throughout.

Picture 3a. Holes located on The side of the pipe.

Picture 3b. Holes located on the side of the pipe.

Picture 3c. Holes located on the top of the pipe.

Picture 3d. Holes located on the side of the pipe.



3.3 A 17:21 - Jul 10, 2018



3.3 B 17:21 - Jul 10, 2018



3.3 C 18:54 - Jul 10, 2018



3.3 D 19:00 - Jul 10, 2018

3.4 Inspection Note 4

N/A

Joint No. 3 location 93'5"



3.4 A 18:58 - Jul 10, 2018

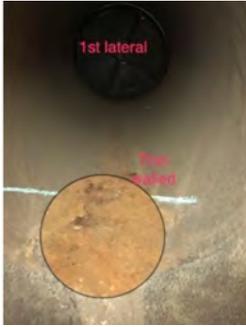
3.5 Inspection Note 5

N/A

Lateral Number 1 location 96'

The pipe wall was thin and corrosion was observed near connection with 42" Pipe.

Little to no debris found in lateral number 1.



3.5 A

19:25 - Jul 10, 2018

3.6 Inspection Note 6

N/A

Lateral Number 2 Location 99'

Staining around the entire circumference of lateral number 2 from apparent leakage.

Debris buildup heavier on the 42 pipe side of the joint, than the valve side which would possibly indicate joint leakage. We are unable to determine for certain if debris was coming from joint or further up the line. Debris buildup found in 42" pipe was a consistent mix of sand, rust particulate, and dust fines.



3.6 A

19:26 - Jul 10, 2018

3.7 Inspection Note 7

N/A

Joint No. 4 location 101'6"

Recommendation - install 2 42" Standard WEKO-SEAL with 2 304 SS Retaining Bands and sleeve to cover corrosion area and joint.

Holes near Joint #4 circled in photo

42" Pipe between joint 3 & 4 appeared ok, through wall corrosion noticed in between joint 4 & 5.



3.7 A 19:27 - Jul 10, 2018

3.8 Inspection Note 8

N/A

Corrosion between joints 4 & 5. Through wall holes noticed between joints 4 & 5.

The pinholes were found in 3 locations in this section. The first location is near Joint (101'6"), the second is 10 feet into the joint (111'6"), and the third 4 feet from there (115'6").



3.8 A 19:30 - Jul 10, 2018



3.8 B 19:30 - Jul 10, 2018



3.8 C 21:20 - Jul 10, 2018

3.9 Inspection Note 9

N/A

Joint No. 5 location 155'6"



3.9 A 19:31 - Jul 10, 2018

3.10 Inspection Note 10

N/A

Lateral Number 3 location 158'6"

Staining from apparent leakage also observed debris buildup in 42" below the lateral.

Debris buildup heavier on the 42 pipe side of the joint, than the valve side which would possibly indicate joint leakage. We are unable to determine for certain If debris was coming from joint or further up the line. Debris buildup found in 42" pipe was a consistent mix of sand, rust particulate, and dust fines.



3.10 A

19:37 - Jul 10, 2018

3.11 Inspection Note 11

N/A

Lateral Number 4 location 161'6"

Staining from apparent leakage also observed debris buildup in 42" below the lateral.

Debris buildup heavier on the 42 pipe side of the joint, than the valve side which would possibly indicate joint leakage. We are unable to determine for certain If debris was coming from joint or further up the line. Debris buildup found in 42" pipe was a consistent mix of sand, rust particulate, and dust fines.



3.11 A

19:39 - Jul 10, 2018

3.12 Inspection Note 12

N/A

Joint No. 6 location 163'6"

Through wall holes found near Joint 6.



3.12 A

19:54 - Jul 10, 2018



3.12 B

19:54 - Jul 10, 2018

3.13 Inspection Note 13

N/A

Joint No. 7 location 173'



3.13 A

20:30 - Jul 10, 2018

3.14 Inspection Note 14

N/A

Start pipe diameter transition from 42" pipe to 36". 177'6"

3.15 Inspection Note 15

N/A

End of Inspection at 36" check valve located at 181'6".

3.16 Inspection Note 16

N/A

3.17 Inspection Note 17

N/A

3.18 Inspection Note 18

N/A

3.19 Inspection Note 19

N/A

3.20	Inspection Note 20	N/A
3.21	Inspection Note 21	N/A
3.22	Inspection Note 22	N/A
3.23	Inspection Note 23	N/A
3.24	Inspection Note 24	N/A
3.25	Inspection Note 25	N/A

Final Comments

Background -

Las Virgenes Municipal Water District operates the Tapia Water Reclamation plant located in Los Angeles County, CA. The plant utilizes air process pipes in the treatment of the water. Leakage of air has been observed on a 42" carbon steel process line by LVMWD. Miller Pipeline performed a confined space entry inspection of the line to determine the source of the leaks. The Inspection was performed on June 28, 2018 and covered approximately 180 LF.

Inspection summary -

Miller Pipeline's Inspection found significant corrosion and through wall pipe pinholes in two sections of pipe located between joints 2-3 and 4-5. Signs of corrosion and leakage were found in all 4 lateral connections. Debris buildup from lateral leakage was found in the 42" pipe below the laterals. Through wall pinholes were also found near pipe joint number 6.

Repair Recommendations -

To address the defects observed in the 42" waterline, Miller Pipeline recommends the following approach:

1. Install WEKO SEALS at all 42" mechanical joint locations. The WEKO SEAL will provide a long term solution to leakage encountered at any failed mechanical joint locations.
2. Install WEKO SEAL/Sleeve Combination System with 16 Gauge Stainless Steel Backing Band. The Sleeve/Seal Combination is a 4' long EPDM tube (Sleeve) with WEKO SEALS located on each end.

The stainless steel backing band is placed between the Sleeve and the steel pipe wall to provide structural support of the sleeve across the pinhole locations. We recommend installing 30' of continuous sleeve between Joint Number 2-3 . We also recommend installing 3 each 4' Sleeves and seals between Joint Number 4-5.

3. Install Belzona Epoxies in the 14" laterals from the connection to the 42" pipe up to and including the first joint. The epoxy work would include surface preparation of the areas to be coated, application of a flexible elastomeric epoxy at the joint locations, and application of a high strength structural epoxy on the entire surface of the lateral. The structural epoxy would be applied at approximately 0.125" thickness. These epoxies will provide a full structural repair in these locations as well as flexible leak sealant at the joint locations.

4. Another optional service being offered is the installation of continuity bonding wires across the joints of the 42" Steel Pipe. This would allow for the installation of cathodic protection systems to this section of pipe in the future.

Other Repair Methods Investigated -

1. Carbon/Glass Fiber Repair- Carbon/Glass Fiber was investigated as a potential repair option. This type of repair methods requires extensive surface preparation including, sand blasting. The current condition of the pipe could not withstand this type of surface preparation so welded steel plates would need to be installed to patch over areas of significant structural deterioration. The time required for this repair is 2-3 times longer than required for the recommended method (10-15 days vs. 5 days).

The cost of this type of repair is significantly more than the recommend repair method. The estimated cost of to repair 45 feet of 42" Steel pipe in this condition is estimated at \$125,00-\$150,000.

2. Cured-In-Place Pipelining (CIPP) - CIPP was investigated as another potential option. This method would require excavation and cutting of an access opening into the 42" pipe to facilitate installation. Total cost of this method including the excavation , CIPP installation, connection to existing system at the location, back fill, and perform lateral repairs as recommended above is approximately \$175,000-\$195,000. The method would require the system to be out of service for approximately 10 days.

Signatures



Signee

Daniel Watters

Position



July 20, 2018

Mercedes Acevedo
Las Virgenes MWD

Quote No: 1008-2039

Phone:
Fax:
E-Mail: macevedo@lvmwd.com

RE: **Proposal for WEKO-SEAL**
42" Steel Airline Piping Repair in Calabasas, CA

Dear Ms. Acevedo:

General

Thank you for contacting Miller Pipeline for your pipeline rehabilitation needs. We are pleased to submit our proposal for providing materials and services for the above referenced project.

Since the project requires man-entry of the pipelines, it will be necessary to shut down, de-water, and safely isolate the pipe to protect the safety of our confined-space trained installation technicians. Please note that our WEKO-SEAL® technicians are trained, certified, and equipped to comply with all requirements of 29 CFR 1910.146 Federal OSHA's Permit Required Confined-Space Regulations.

To safely complete the sealing operations, it is our understanding that access to enter the pipe will be reasonably close to the installation points.

Scope of Service

1. Provide WEKO-SEAL® custom manufactured to the specifications for the pipe size and special conditions provided.
2. Mobilize crew and equipment to and from project site.
3. Inspect all safety procedures including lockout/tagout and pipeline ventilation.
4. Test atmosphere within the confined space for entry. Continue monitoring and maintain ingress/egress log.
5. Provide our Confined Space Entry Equipment.
6. Provide normal light cleaning of the pipe around the joint area(s).
7. Install the WEKO-SEAL® at specified locations.
8. Perform leakage test on WEKO-SEAL® per specifications.
9. Prepare surface are and install Belzona Epoxies in the lateral connections up to and including the first joint.
10. Project cleanup and demobilization.
11. Provide Miller Pipeline's Standard 1 Year Limited Warranty

Proposal (Warranted Installation)

Item	Description	Qty	U/M	Unit Price	Amount
1	Mobilize/Demobilize required crew & equipment to jobsite	1	LS	\$22,180.00	\$22,180.00
2	Furnish & Install 42" Extra-Wide EPDM WEKO-SEAL w/ (2) type 304-SS Retaining bands, shims, wedges, and lubricant.	5	EA	\$1,940.00	\$9,700.00
3	Install 30' of WEKO SEAL EPDM Sleeve System with 304SS Retaining Bands and 16GA SS backing band between Joints 2-3 And 3 EA 4 Ft Sleeves between Joints 4-5	1	LS	\$44,735.00	\$44,735.00
4	Epoxy Repair of 14" Steel pipe laterals from connection with 42" to the first joint - Clean and prepare surface, apply Belzona MP Fluid and Elastomer Conditioner at the joint locations, and apply Belzona Smoothing Metal Epoxy at 1/8" thick around the interior of the 14" Steel lateral	4	EA	\$3,670.00	\$14,680.00
5	Install Continuity Bonding Wires across the 42" pipe joints prior to installation of WEKO SEALS	7	EA	\$465.00	\$3,255.00
Total					\$94,550.00

CONDITIONS SURROUNDING THIS PROPOSAL

- 1) All purchaser prerequisites must be disclosed before acceptance of this proposal. Items including, but not limited to, background checks, safety or facility orientations, testing (drug/background or otherwise), engineering or any other activity influencing preparation or productivity. Price modifications may be required depending on duration and expense associated with disclosed activities.

- 2) In order to eliminate material over-runs and excess inventory, all WEKO-SEAL materials requested at the direction of the purchaser, shall become property of others and billed accordingly. Restocking fees will apply for all pre-arranged returns.

Responsibility of Others

1. All required pipeline shutdowns and lockout/tagout.
2. Access to include but not limited to, opening and closing access openings, plus vehicle and equipment roadway and staging at the access point(s), including indemnification for valid easements to the work area.

3. De-watering (or evacuation) of the pipe.
4. By-pass pumping (if required to continue flow around work site.) Method to be approved by Miller Pipeline to ensure safety for man entry.
5. Excavation (if required for any reason including opening access.)
6. Cutouts (if required)
7. Cleaning of debris or extraordinary pipe wall build-ups. (Normal light cleaning of the joint area is expected and included in our scope.)
8. Provide all traffic control services including signage, flagging, pilot car etc. and public safety for all items and phases of the project (if required).
9. It is our expectation that all materials removed from the pipe will be delivered to a designated site. If alternative disposal is required, then others shall be responsible for providing and managing all sampling, testing, collection, handling, storage, transportation, and disposal of any and all debris collected and removed from the said pipeline. Others shall provide a convenient location in the project area to enable Miller Pipeline to offload and temporarily store the debris pending re-handling by others.
10. Provide all QC/QA services (if required).
11. Provide all project permits, street use permits, and/or other local licenses, exclusive of business and contracting licenses required by Miller Pipeline.

Extra Work

If requested, and mutually agreed, Miller Pipeline can provide additional services beyond our scope of work quoted herein at time and material rates. These rates would also apply in case of stand-by time derived from causes not the fault of Miller Pipeline.

Classification	Hourly Pay/Straight Time
Foreman	\$125.00
Technician	\$120.00
Truck	\$12.00
Tools	\$24.00

General Conditions

1. Dates for installation will be finalized at time of acceptance notification.
2. **The proposal pricing does not include sales taxes. All applicable taxes will be added to the pricing unless Miller Pipeline is provided with a tax-exempt statement from the buyer.**
3. No hazardous materials exist in the pipeline.
4. This proposal will expire in thirty (30) days without a signed contractual agreement. Furthermore, this proposal will become part of any contractual agreement. After expiration of this proposal, our pricing is subject to adjustment or can be withdrawn. This proposal pricing is subject to adjustment if the actual job site conditions or quantities differ from the requirements and conditions presented to us at the time of this proposal.
5. Payment shall be made within thirty (30) days after the date of invoice submitted by Miller Pipeline.
6. ***This proposal is based on Miller Pipeline's standard wages. Pricing is subject to change if prevailing wage requirements apply to this work.***

Closing

We thank you for the opportunity to offer this firm proposal and look forward to providing this service. If you have any need for further assistance, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Daniel Watters". The signature is fluid and cursive, with a long horizontal stroke at the end.

Daniel Watters
Miller Pipeline
Phone: 317.653.5298
E-Mail: daniel.watters@millerpipeline.com

September 5, 2018 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject : Rancho Lighting Efficiency Upgrade Project: Award

SUMMARY:

As a part of the JPA's continuing effort to improve energy efficiency, staff has been working with The Energy Network (TEN) to develop projects to systematically replace aging, inefficient lighting fixtures. The lighting fixtures have been replaced at the Tapia Water Reclamation Facility and Headquarters with new energy efficient LED fixtures. The last major JPA facility to be upgraded is the Rancho Las Virgenes Composting Facility where 787 fixtures require replacement. Many of these fixtures are required to be explosion proof because of the potential exposure to digester gas and dust particles.

A Request for Proposals was issued on June 25, 2018 for the Rancho Lighting Efficiency Upgrade Project, and eight proposals were received. Retro-Tek Energy Services, Inc., submitted the lowest responsible proposal, in the amount of \$299,971, which is 14% below the Engineer's Estimate. Staff recommends accepting the proposal from Retro-Tek Energy Services.

RECOMMENDATION(S):

Accept the proposal from Retro-Tek Energy Services, Inc.; authorize the Administering Agent/General Manager to execute a contractual services agreement, in the amount of \$299,971; and appropriate \$362,968 for the Rancho Lighting Efficiency Upgrade Project.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

No

FINANCIAL IMPACT:

During Fiscal Year 2017-18, the Tapia and Headquarters Lighting Efficiency Upgrade Project was completed under budget by \$123,414. The intent was to complete the Rancho Lighting Efficiency Upgrade Project in Fiscal Year 2018-19; however, it was inadvertently left out of the

budget. As a result, an appropriation of \$362,968 is required to fund the project, including a 10% contingency, staff time and general and administrative costs. The project cost will be allocated 70.6% to LVMWD and 29.4% to Triunfo Sanitation District. Following is a summary of the total project cost.

Construction Cost	\$299,971.00
10% Contingency	\$29,997.00
Staff Time (4%)	\$12,000.00
G&A (7%)	\$21,000.00
TOTAL	\$362,968.00

The estimated annual energy savings resulting from the project is 228,152 kWh, which correlated to \$31,983.03. Staff also estimates an annual maintenance cost-savings of \$11,529.42 due to the durable nature of the modern LED lighting fixtures. In addition, staff anticipates receiving an incentive of \$50,000 to \$60,000 from SCE for the project. After accounting for both the incentive and savings in energy and maintenance costs, the payback period for the project is estimated to be 5.7 years.

DISCUSSION:

For the last few years, staff has been working with The Energy Network (TEN) and its specialty energy consultants to identify and implement energy-saving projects. TEN is funded by the California Energy Commission to help public agencies take action to save energy. Together with TEN, the JPA and LVMWD have completed a number of successful energy-saving projects: the Westlake Filter Plant LED Lighting Project, Rancho Sump Pump Upgrade, Westlake Pump Station Variable Frequency Drive and Electrification Projects, and Tapia and Headquarters Lighting Efficiency Upgrade Project. The Rancho Lighting Efficiency Upgrade Project was identified as the next feasible energy-saving project for implementation because the existing lighting fixtures are at the end of their useful life, replacement parts are not readily available and significant cost-savings can be realized from the upgrades coupled with lower maintenance costs resulting from the modern, durable LED lighting fixtures.

A Request for Proposals was issued on June 25, 2018 for the Rancho Lighting Efficiency Upgrade Project, and eight proposals were received. Following is a summary of the eight proposals received for the project as compared to the Engineer's Estimate:

Name of Firm	Proposal Cost	% Over/below Estimate
<i>Engineering Estimate</i>	\$350,000.00	
Retro-Tek	\$299,971.00	-14.3%
Clear Blue Energy	\$321,961.67	-8.0%
ABS	\$359,299.47	17.2%
Baker Electric	\$402,141.11	2.7%

OSRAM	\$407,946.47	16.6%
Regreen	\$495,763.38	41.6%
Delta Electric	\$535,742.48	53.1%
Optima Energy	\$595,053.79	70%

After reviewing the proposals, including checking the references and qualifications, staff determined that the proposal from Retro-Tek best meets the project requirements and submitted the lowest responsible proposal. Retro-Tek successfully completed the Tapia and Headquarters Lighting Efficiency Upgrade Project, and staff was satisfied with their performance. As result, staff recommends accepting the proposal from Retro-Tek.

Prepared by: John Zhao, P.E., Principal Engineer



Memorandum

To: Las Virgenes-Triunfo Joint Powers Authority
From: Syrus Devers, Best Best & Krieger
Date: August 23, 2018
Re: Monthly State Political Report

Legislative Report

In General:

The final, and least enjoyable, act of the two-year legislative cycle began this week. The last two weeks of session mark the transition from bills piling up in the fiscal committees to bills piling up on the floors. There are over 1,000 bills outstanding, which means each house needs to average about 150 bills per floor session to avoid a time crunch on midnight, August 31st.

Highlights so far include the Legislature passing a highly controversial bail reform bill authored by Senator Hertzberg, SB 10. The opposition was loud and personal. One bail bond company parked a large, pink SUV in front of the Capitol with Hertzberg's picture next to "Stop the Abuse" and "#MeToo" emblazoned on the sides. Ouch.

PG&E, and to a lesser extent the Governor, were pressing for liability reform to shield utilities from some or most of the costs of the record-setting fires this year. The major opponent was the insurance companies who have the political clout to hit back. PG&E's effort to shift liability to shareholders failed, as did the Governor's proposal to require a showing of negligence in order to impose liability. Other secondary issues are still being debated, but the issue will likely return. PG&E did, after all, go bankrupt not all that long ago with financial consequences for its customers.

The wildfires have also ignited¹ another issue over Internet policy. Firefighters using Verizon's "unlimited" data plans ran into communication barriers when their data plans hit their caps and Verizon "throttled," or slowed down, their Internet connections. That hampered urgent communications to coordinate firefighting efforts. In response, the Assembly policy committee that had held a bill opposed by Verizon on Net Neutrality returned the bill to its original language and passed it out.

¹ Sorry, couldn't resist.

The session ends at midnight on the 31st. The Governor has until September 30th to act on any bill sent to him during the last three weeks of session. California does not have a “pocket veto” law. If the Governor does nothing, a bill becomes law on October 1st.

Legislation:

SB 2050 (Caballero-Small district consolidation): The water industry’s answer to the water tax and the problems of disadvantaged water districts. It’s pretty much a wrap in the Legislature with a solid, bipartisan vote on the Senate Floor. Seven Republicans joined Democrats to give it 34 votes that sent it back to the Assembly for a final vote.

SB 998 (Dodd-Water shut off prohibitions): This bill requires water service providers to offer reduced reconnection fees to customers under 200% of the federal poverty line, or outright prohibitions on disconnection for nonpayment, among other requirements. The major issues that remain are violations of Prop. 218 due to restrictions on reconnection fees and interest charges for overdue bills, and the burden placed on water districts to determine if a customer is below the income levels specified in the bill. As previously reported, this bill has been treated to very little scrutiny by legislators. The focus now shifts to the Governor’s staff to ask for a veto. BB&K is actively involved with that effort.

SB 845 (Monning—water tax(ish), sort of.): By now everyone is aware that the administration is taking another run at permanent funding to address the issue of substandard drinking water in disadvantaged water districts. This was the subject of SB 623 by Sen. Monning, but SB 845 imposes a “voluntary remittance” instead of a mandatory tax. The idea has merit, but the proponents failed to include any of the safeguards written into SB 623 to limit the growth of the program to the actual needs of disadvantaged communities. There is widespread opposition from water districts. The main complaint is that administering an “opt-out” payment system would be unworkable for all but the most sophisticated, and expensive, billing systems.

State Bills of Interest
Updated 8/21/18

0	Bill	Author	Description	Status	District Position
1	AB 1529	(Thurmond)	Cross-Connections and Backflow Prevention Device Inspectors - Certification	2 year bill amended and ordered to 3rd reading on 8/15/18.	None taken
2	AB 2042	(Steinorth-R)	Residential graywater reuse systems: incentives. Financial incentives for residential graywater reuse systems.	In Assembly Appropriations Committee. Held under submission as of 5/25/18.	None taken
3	AB 2050	(Caballero-D)	Small System Water Authority Act of 2018. Creation of small system water authorities that can absorb non-compliant water systems.	Seen in both Houses and passed Senate Appropriations Committee. Ordered to 3rd reading 8/20/18.	Support
4	AB 2064	(Gloria)	Integrated regional water management plans - Advanced Payment	Heard in both houses and read second time in Appropriations Committee. Ordered to 3rd reading on 8/17/18.	None taken
5	AB 2072	(Quirk-D)	State Water Resources Control Board: contaminants of emerging concern. Establishes a program to research contaminants of emerging concern (CECs) that can enter drinking water supplies.	Passed Assembly Environmental Safety and Toxic Materials Committee. Held in Assembly Appropriations Committee and held under submission as of 5/25/18.	None taken
6	AB 2241	(Rubio-D)	Sustainable water use and demand reduction: legislative findings and declarations. Non-substantive changes to the law, which requires urban water use statewide to be reduced by 20% (20x2020).	Passed Assembly Water, Parks and Wildlife Committee. Referred to Assembly Appropriations Committee and held under submission as of 5/25/18.	None taken
7	AB 2242	(Rubio-D)	Urban water management planning. Non-substantive changes to the law.	Passed Assembly Water, Parks and Wildlife Committee. Ordered to inactive file on 6/4/18.	None taken
8	AB 2266	(Bigelow-R)	Urban water management planning. Non-substantive changes to the law.	Amended and re-referred to Assembly Water, Parks and Wildlife Committee as of 3/19/18.	None taken
9	AB 2283	(Holden-D)	Income taxes: exclusion: turf removal water conservation program. Would allow for dollar amounts received in rebates to be excluded from gross income for the purpose of calculating personal income tax.	In Assembly Appropriations Committee. Held under submission as of 5/25/18.	None taken
10	AB 2341	(Mathis-R)	California Environmental Quality Act: aesthetic impacts. Would establish that under certain conditions, aesthetics do not have impacts on the environment.	Heard in both Houses and passed on Assembly Floor 8/20/18.	None taken
11	AB 2353	(Frazier-D)	Construction defects: requires that in the case of disputes related to construction defects, the inspector needs to be a licensed contractor in the same field as the work in dispute.	Passed by the Senate Judiciary Committee. Ordered to inactive file as of 8/16/18.	None taken
12	AB 2371	(Carillo-D)	Water use sustainability: irrigation. Refinements to the Water Conservation in Landscaping Act, which requires the Department of Water Resources to update its model water-efficient landscape ordinance.	Heard in both Houses and ordered to 3rd reading in the Senate on 8/20/18.	None taken

State Bills of Interest
Updated 8/21/18

	Bill	Author	Description	Status	District Position
13	AB 2379	(Bloom-D)	Requires that certain clothing items include warning labels and washing instructions at point of sale to help prevent the introduction of plastic microfibers into the environment when they are washed.	Not seen by the Senate. Ordered to inactive file on 6/4/18.	Support via CASA
14	AB 2447	(Reyes)	Requires notification to residents of scoping meetings for projects within 1/2 mile radius.	Heard in both houses and ordered to 3rd reading in the Senate on 8/14/18.	None taken
15	AB 2501	(Chu-D)	Drinking water: consolidation and extension of service. Provides a definition for "disadvantaged communities" for the purposes of requiring small public water systems to be consolidated.	Passed Senate Appropriations Committee and ordered to 3rd reading on 8/17/18.	None taken
16	AB 2692	(Arambula-D)	Water: infrastructure funding. Would provide a permanent source of water infrastructure funding.	Amended in Assembly Environment, Safety and Toxic Materials Committee. First hearing cancelled at request of author on 4/24/18.	None taken
17	AB 2957	(Gallagher-R)	Safe and reliable water supplies. Offers incentives to encourage innovation to ensure Californians have access to safe a reliable water supplies.	Has not been heard in the Senate. Last heard in the Assembly Appropriations Committee and held under submission on 5/25/18.	None taken
18	AB 3045	(Gallagher-R)	Natural Resources Agency: Division of Safety of Dams. Would transfer authority and the Division of Safety of Dams from the Department of Water Resources to the Natural Resources Agency.	Has not been heard in the Senate. Last heard in the Assembly Appropriations Committee and held under submission on 5/25/18.	None taken
19	AB 3056	(Harper-R)	Desalinated water. Supports desalination to bolster California's water supply.	No activity and has not been heard in any committees.	None taken
20	AB 3155	(Cooper-D)	Expands the meaning of the term "public works" to include warranty work, which would also require the payment of prevailing wages.	Referred to Committee on Labor and Employment on 3/12/18.	None taken
21	SB 1215	(Hertzberg-D)	Drinking water systems and sewer systems: consolidation and extension of service. Establishes timelines and performance measures.	Heard in both houses. Passed Assembly Appropriations Committee and ordered to 2nd reading on 8/20/18.	None taken
22	SB 1263	(Portantino-D)	Calls for studying and making funds available for the study of sources of plastic microfibers in the environment.	Heard in both houses. Passed Assembly Appropriations Committee and ordered to 3rd reading on 8/20/18.	Support via CASA
23	SB 1301	(Beall-D)	State permitting: environment: processing times. Requires several state agencies to track and disclose permit processing times.	Heard in both houses. Passed Assembly Appropriations Committee and ordered to 3rd reading on 8/20/18.	None taken
24	SB 1422	(Portantino-D)	California Safe Drinking Water Act: microplastics. Testing and reporting requirements for microplastics.	Assembly Appropriations Committee and ordered to 3rd reading on 8/20/18.	Oppose
25	SB 1498	(Stern-D)	Modifies language to existing law that would not exclude reservoir augmentation projects from receiving grant funds that are provided under certain bond measures.	Dead	Support
26	SB 606/AB 1668 (2017)		Conservation as a California Way of Life. Establishes new criteria for water conservation. Potentially updates/revises criteria associated with the 20% by 2020 water conservation target mandated by SB 7 (Steinberg).	Signed into law by the Governor on 5/31/18.	Support

State Bills of Interest
Updated 8/21/18

	Bill	Author	Description	Status	District Position
27	SB 623 (2017)	(Monning-D)	Safe and Affordable Drinking Water Fund. Imposes a water tax on individual water service connections.	Last heard by Assembly Appropriations Committee and referred to Rules Committee on 9/19/17. (See SB 845)	Oppose
28	SB 831	(Wieckowski-D)	Prevents the ability for utilities to charge connection fees for water and sewer services to accessory dwelling units.	In Assembly Committee on Local Government and held in Committee w/out recommendation on 6/27/18.	Oppose
29	SB 845	(Monning-D)	Safe and Affordable Drinking Water Fund.	SB 845 was gutted and amended to include language from SB 623. Referred to Committee on Rules in Assembly on 8/20/18.	Oppose
30	SB 952	(Anderson-R)	Water conservation: local water supplies. Gives credit to water agencies for investments made in local water supply projects toward water efficiency and conservation mandates.	Referred to Committee on Rules 2/8/18.	None taken
31	SB 998	(Dodd-D)	Water shutoffs: urban and community water systems. Imposes strict requirements on water utilities before a water service can be turned off for non-payment.	Heard in both houses. Read 2nd time in Assembly Appropriations Committee and ordered to 3rd reading 8/16/18.	Oppose



To: Las Virgenes – Triunfo JPA Board of Directors
From: John Freshman and Ana Schwab
Date: August 20, 2018
RE: Federal Report

Federal Budget

The Senate is gearing up to debate the Defense Appropriations Act. There are a number of outlying issues that may hold up the passage of the bill. If the Senate successfully passes this appropriation bill, they will have completed nine of the 12 appropriation bills.

The House of Representatives is out of D.C. and will be working in their districts for the month of August. Upon their return, they will take up the remainder of the appropriation bills. Both Chambers need to complete the 12 appropriation bills and they need to be signed by the President by September 30th. It is likely that a stopgap measure will have to be passed to cover any of the appropriations that remain unfinished.

Water Resources Development Act

The Senate Water Resources Development Act was being held up by Senator Burr. Environment and Public Works Chairman John Barrasso expects the issues have been resolved and the measure will be voted on before September.

WOTUS

The Obama-era Clean Water Rule became the law in 26 states after a federal judge in South Carolina issued a nationwide injunction on the Trump administration's delay of the regulation that defines what wetlands and waterways get federal protection. The injunction targets the suspension of the rule while the EPA and Army Corps are developing a new rule. WOTUS is now applicable in California, Connecticut, Delaware, Hawaii, Illinois, Iowa, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, New Hampshire, New Jersey, New York, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, Tennessee, Texas, Vermont, Virginia, and Washington.

Legislation Recently Introduced

Please let us know if you would like us to track any of the below, or anything in the Legislative Matrix for you

S. 3265 – Waterfront Community Revitalization and Resiliency Act of 2018

To require the Secretary of Commerce to undertake certain activities to support waterfront community revitalization and resiliency, and for other purposes.



S. 3303 – Water Quality Certification Improvement Act of 2018

To amend the Federal Water Pollution Control Act to make changes with respect to water quality certification, and for other purposes.

S. 3312 – EPA Act of 2018

To suspend proposed rulemaking signed by former Administrator of the Environmental Protection Agency Scott Pruitt, and for other purposes.

H.R. 6644 – EPA Act of 2018

To suspend proposed rulemaking signed by former Administrator of the Environmental Protection Agency Scott Pruitt, and for other purposes.

S. 3341 – IMAGINE Act

To encourage the research and use of innovative materials and associated techniques in the construction and preservation of the domestic transportation and water infrastructure system, and for other purposes.

H.R. 6653 – IMAGINE Act

To encourage the research and use of innovative materials and associated techniques in the construction and preservation of the domestic transportation and water infrastructure system, and for other purposes.

**LAS VIRGENES-TRIUNFO - HIGH PRIORITY LEGISLATION IN THE 115TH CONGRESS
AUGUST 2018**

Legislation	Summary	Status	Position
<p><u>H.R. 23 – Gaining Responsibility on Water Act of 2017</u></p>	<p>This legislation will allow for more water conveyance while protecting the water rights of users, as well. Additionally, the legislation reforms the Central Valley Project Improvement Act and the San Joaquin River Restoration Settlement Act. This legislation would reduce the cost of water delivery contracts and would give users more authority over how restoration funds are spent. The bill purports to expand on a compromise reached between Sen. Dianne Feinstein (D-CA) and House Majority Leader Kevin McCarthy (R-CA) during last year’s Water Infrastructure Improvements for the Nation Act discussion. The compromise directed more water to farms by tweaking the way rules meant to protect endangered fish are interpreted when operating the State’s waterways.</p>	<p>Introduced by Rep. David Valadao – January 3, 2017</p> <p>Passed the House of Representatives on July 12, 2017.</p> <p>This measure has not been taken up in the Senate yet.</p>	
<p><u>H.R. 434 – New Water Available to Every Reclamation State Act or the New WATER Act</u></p>	<p>This legislation authorizes the Department of the Interior to provide financial assistance, such as loans and guarantees, to entities that contract under federal reclamation law to carry out water projects within the 17 western states served by the Bureau of Reclamation, and Alaska and Hawaii.</p> <p>Eligible Projects include:</p> <ul style="list-style-type: none"> • non-federal water infrastructure projects that would contribute to a safe, adequate water supply for domestic, agricultural, environmental, or municipal and industrial use; • projects for enhanced energy efficiency in the operation of a water system; • projects for accelerated repair and replacement of aging water distribution facilities; • brackish or sea water desalination projects; and • the acquisition of real property or an interest therein for water storage, reclaimed or recycled water, or wastewater that is integral to such a project. 	<p>Introduced by Rep. Jeff Denham – January 11, 2017</p>	

Legislation-con't	Summary-con't	Status-con't	Position-con't
<p><u>H.R. 448 – Water Conservation Rebate Tax Parity Act</u></p>	<p>This bill amends the Internal Revenue Code to expand the tax exclusion for energy conservation subsidies provided by public utilities to exclude from gross income subsidies provided (directly or indirectly): (1) by a public utility to a customer, or by a state or local government to a resident of such state or locality, for the purchase or installation of any water conservation or efficiency measure; and (2) by a storm water management provider to a customer, or by a state or local government to a resident of such state or locality, for the purchase or installation of any storm water management measure.</p>	<p>Introduced by Rep. Jared Huffman and Rep. Dana Rohrabacher – January 11, 2017</p>	
<p><u>S. 32 – California Desert Protection and Recreation Act of 2017</u></p>	<p>This bill amends the California Desert Protection Act of 1994 to, among other things:</p> <ul style="list-style-type: none"> • establish or designate wilderness areas, a special management area, off-highway vehicle recreation areas, and a national scenic area; • release specified wilderness study areas; • adjust national park and preserve boundaries; and • specify land withdrawals and conveyances. <p>Specified federal land shall be taken into trust for the Lone Pine Paiute-Shoshone Tribe.</p> <p>Lands and interests in land, including improvements, outside the boundary of Joshua Tree National Park in California may be acquired for the purpose of operating a visitor center.</p> <p>The bill makes amendments to the California Desert Protection Act of 1994 regarding the California State School lands.</p> <p>The bill amends the Wild and Scenic Rivers Act to designate specified segments of rivers and creeks as components of the National Wild and Scenic Rivers System.</p> <p>The bill establishes the Renewable Energy Resource Conservation Fund for use in regions impacted by the development of wind or solar energy.</p>	<p>Introduced by Sen. Dianne Feinstein – January 5, 2017</p> <p>Committee on Energy and Natural Resources held a hearing on the legislation on July 26, 2017</p>	

Legislation-con't	Summary-con't	Status-con't	Position-con't
<p>S. 692 – Water Infrastructure Flexibility Act</p>	<p>To provide for integrated plan permits, to establish an Office of the Municipal Ombudsman, to promote green infrastructure, and to require the revision of financial capability guidance.</p>	<p>Introduced by Sen. Deb Fischer – March 21, 2017 Passed the Senate on October 5, 2017 This action has not yet been taken up by the House</p>	
<p>H.R. 5596 – Water Infrastructure Resiliency and Sustainability Act of 2018</p>	<p>To authorize the Administrator of the Environmental Protection Agency to establish a program of awarding grants to owners or operators of water systems to increase resiliency or adaptability of the systems to any ongoing or forecasted changes to the hydrologic conditions of a region of the United States.</p>	<p>Introduced by Rep. Salud Carbajal – April 24, 2018</p>	
<p>H.R. 5609 – Water Affordability, Transparency, and Equity, and Reliability Act of 2018</p>	<p>To establish a trust fund to provide for adequate funding for water and sewer infrastructure, and for other purposes.</p>	<p>Introduced by Rep. Keith Ellison – April 25, 2018</p>	
<p>S. 2771 – Residential Decentralized Wastewater System Improvement Act</p>	<p>To amend the Federal Water Pollution Control Act to require the Administrator of the Environmental Protection Agency to provide grants for the construction, refurbishing, and servicing of individual household decentralized wastewater systems to individuals with low or moderate income.</p>	<p>Introduced by Sen. Cory Booker – April 26, 2018</p>	

Legislation-con't	Summary-con't	Status-con't	Position-con't
<p>S. 2772 – A bill to amend the Consolidated Farm and Rural Development Act to modify provisions relating to the household water well system grant program.</p>	<p>To amend the Consolidated Farm and Rural Development Act to modify provisions relating to the household water well system grant program.</p>	<p>Introduced by Sen. Cory Booker – April 26, 2018</p>	
<p>H.R. 2510 – Water Quality Protection and Job Creation Act of 2017</p>	<p>To amend the Federal Water Pollution Control Act to authorize appropriations for State water pollution control revolving funds, and for other purposes.</p>	<p>Introduced by Rep. Peter DeFazio – May 18, 2017</p>	
<p>S. 2800 – America's Water Infrastructure Act of 2018</p>	<p>To provide for the conservation and development of water and related resources, to authorize the Secretary of the Army to construct various projects for improvements to rivers and harbors of the United States, and for other purposes.</p>	<p>Introduced by Sen. John Barrasso – May 8, 2018</p> <p>Passed the Senate Environment and Public Works Committee on May 22, 2018</p>	
<p>H.R. 8 – Water Resources Development Act of 2018</p>	<p>To provide for improvements to the rivers and harbors of the United States, to provide for the conservation and development of water and related resources, and for other purposes.</p>	<p>Introduced by Rep. Bill Shuster – May 18, 2018</p> <p>Passed the House on June 6, 2018</p>	

Legislation-con't	Summary-con't	Status-con't	Position-con't
S. 2969 – Rural Water Infrastructure Improvement Act of 2019	To amend the Consolidated Farm and Rural Development Act to improve water or waste disposal grants or direct or guaranteed loans, and for other purposes.	Introduced by Sen. Tammy Baldwin – May 24, 2018	
H.Res. 923 – Providing for further consideration of the bill (H.R. 5895)	Providing for further consideration of the bill (H.R. 5895) making appropriations for energy and water development and related agencies for the fiscal year ending September 30, 2019, and for other purposes, and providing for consideration of the bill (H.R. 3) to rescind certain budget authority proposed to be rescinded in special messages transmitted to the Congress by the President on May 8, 2018, in accordance with title X of the Congressional Budget and Impoundment Control Act 1974.	Introduced by Rep. Michael Burgess – June 6, 2018 Passed the House on June 7, 2018	
S. 3012 – Water Technology Acceleration Act	To establish an innovative water technology grant program and to amend the Safe Drinking Water Act and the Federal Water Pollution Control Act to encourage the use of innovative water technology, and for other purposes.	Introduced by Sen. Tammy Baldwin – June 6, 2018	
S. 3015 – Water Affordability Act	To amend the Federal Water Pollution Control Act to establish a low-income sewer and drinking water assistance pilot program, and for other purposes.	Introduced by Sen. Kamala Harris – June 6, 2018	
S. 3001 – Contra Costa Canal Transfer Act	To authorize the Secretary of the Interior to convey certain land and facilities of the Central Valley Project.	Introduced by Sen. Diane Feinstein – June 6, 2018	
H.R. 6040 – Contra Costa Canal Transfer Act	To authorize the Secretary of the Interior to convey certain land and facilities of the Central Valley Project.	Introduced by Rep. Mark DeSaulnier – June 7, 2018 Hearing held in House Natural Resources Subcommittee on Water and Power	

Legislation-con't	Summary-con't	Status-con't	Position-con't
<p>S. 3087 – Living Shorelines Act of 2018</p>	<p>To direct the Administrator of the National Oceanic and Atmospheric Administration to make grants to State and local governments and nonprofit organizations for purposes of carrying out shoreline stabilization projects utilizing natural materials that support natural habitats and ecosystem functions, and for other purposes.</p>	<p>Introduced by Sen. Kamala Harris – June 19, 2018</p>	
<p>S. 3121 – Water Infrastructure Transparency Act</p>	<p>To amend the Federal Water Pollution Control Act, the Safe Drinking Water Act, and the Water Infrastructure Finance and Innovation Act of 2014 to require maximum open and free competition in procurement for projects receiving assistance under those Acts, and for other purposes.</p>	<p>Introduced by Sen. Rand Paul – June 25, 2018</p>	
<p>H.R. 6267 – COAST Research Act</p>	<p>To amend the Federal Ocean Acidification Research and Monitoring Act of 2009 to establish an Ocean Acidification Advisory Board, to expand and improve the research on Ocean Acidification and Coastal Acidification, to establish and maintain a data archive system for Ocean Acidification data and Coastal Acidification data, and for other purposes.</p>	<p>Introduced by Rep. Suzanne Bonamici – June 28, 2018</p>	
<p>S. 3192 – Contaminant and Lead Electronic Accounting and Reporting Requirements (CLEARR) for Drinking Water Act of 2018</p>	<p>To amend the Safe Drinking Water Act to update and modernize the reporting requirements for contaminants, including lead, in drinking water, and for other purposes.</p>	<p>Introduced by Sen. Ed Markey – July 11, 2018</p>	
<p>H.R. 6354 – STORAGE Act of 2018</p>	<p>To amend the Endangered Species Act of 1973 to prohibit designation as critical habitat of certain areas in artificial water diversion or delivery facilities.</p>	<p>Introduced by Rep. Paul Gosar – July 12, 2018</p>	

Legislation-con't	Summary-con't	Status-con't	Position-con't
S. 3265 – Waterfront Community Revitalization and Resiliency Act of 2018	To require the Secretary of Commerce to undertake certain activities to support waterfront community revitalization and resiliency, and for other purposes.	Introduced by Sen. Tammy Baldwin – July 25, 2018	
S. 3303 – Water Quality Certification Improvement Act of 2018	To amend the Federal Water Pollution Control Act to make changes with respect to water quality certification, and for other purposes.	Introduced by Sen. John Barrasso – July 31, 2018	
S. 3312 – EPA Act of 2018	To suspend proposed rulemaking signed by former Administrator of the Environmental Protection Agency Scott Pruitt, and for other purposes.	Introduced by Sen. Jeff Merkley – July 31, 2018	
H.R. 6644 – EPA Act of 2018	To suspend proposed rulemaking signed by former Administrator of the Environmental Protection Agency Scott Pruitt, and for other purposes.	Introduced by Rep. Gerald Connolly – July 31, 2018	
S. 3341 – IMAGINE Act	To encourage the research and use of innovative materials and associated techniques in the construction and preservation of the domestic transportation and water infrastructure system, and for other purposes.	Introduced by Sen. Sheldon Whitehouse – August 1, 2018	
H.R. 6653 – IMAGINE Act	To encourage the research and use of innovative materials and associated techniques in the construction and preservation of the domestic transportation and water infrastructure system, and for other purposes.	Introduced by Rep. Elizabeth Etsy – August 3, 2018	

FY2019 Appropriations

Legislation	Summary	Status	Position
H.R. 5895 – Energy and Water Development and Related Agencies Appropriations Act, 2019	Funding for the Army Corps of Engineers , the Department of the Interior – Bureau of Reclamation, and the Department of Energy	Introduced by Rep. Michael Simpson – May 21, 2018 Passed the House on June 8, 2018	
S. 2975 – Energy and Water Development and Related Agencies Appropriations Act, 2019	Funding for the Army Corps of Engineers , the Department of the Interior – Bureau of Reclamation, and the Department of Energy	Introduced by Sen. Lamar Alexander – May 24, 2018 Passed the Senate Jun 25, 2018	
House Interior, Environment, and Related Agencies Appropriations Act, 2019	Funding for the Department of the Interior, the Environmental Protection Agency, the Forest Service, the Indian Health Service, and various independent and related agencies.	Introduced by Rep. Ken Calvert Passed the Senate on August 1, 2018	
Senate Interior, Environment, and Related Agencies Appropriations Act, 2019	Funding for the Department of the Interior, the Environmental Protection Agency, the Forest Service, the Indian Health Service, and various independent and related agencies.	Introduced by Sen. Lisa Murkowski Passed the Senate on August 1, 2018	

INFORMATION ONLY

September 5, 2018 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject : Digester No. 1 Rehabilitation Project: Final Acceptance

The Las Virgenes-Triunfo Joint Powers Authority approved funding for this matter in the Joint Powers Authority Budget. On August 28, 2018, the LVMWD Board, acting as the Administering Agent of the Joint Powers Authority, approved the execution of a Notice of Completion by the Secretary of the Board and had the same recorded, extended the contract duration by 182 calendar days due to material delivery delays, appropriated \$77,257.48 in additional funds; and in the absence of claims from subcontractors and others, authorized the release of the retention in the amount of \$63,935.99 within 30 days after filing the Notice of Completion for the Digester No. 1 Rehabilitation Project.

SUMMARY:

On August 7, 2017, the JPA Board awarded a construction contract to Pacific Hydrotech Corporation, in the amount of \$1,272,240, for the Digester No. 1 Rehabilitation Project. There were five change orders issued during construction and one scope change for design services during construction. These changes were approved by the Administering Agent/General Manager, as they were within the authorized approval limits. In addition, the Administering Agent/ General Manager authorized the execution of a Professional Service Agreement during construction for coating inspection services, in the amount of \$7,600, to CSI Services Inc. The work has been completed, and there are no outstanding issues to prevent acceptance of the project. As a result, staff recommends filing a Notice of Completion, extending the contract duration by 182 calendar days due to material delivery delays, appropriating \$77,257.48 in additional funds, and releasing the retention as stipulated in the contract documents.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The total cost of the project was \$1,866,751.48. Funding for the project is available in the adopted Fiscal Year 2017-18 JPA Budget, including an additional appropriation of \$709,788, approved by the JPA Board on August 7, 2017. The total appropriation for the project to-date is \$1,789,494, compared to the total project cost of \$1,866,751.48. Due to an increase in the project duration, additional staff time and general and administrative expenses were required to complete the project. Miscellaneous services during construction include purchase orders for Toro Enterprises Inc., and Herc Rentals to remove residual sludge that was trapped within piping inside the Digester and not removed during the cleaning process. To reconcile all project-related costs, staff recommends an additional appropriation of \$77,257.48.

Following is a summary of the total project cost:

Description	Cost
<u>Professional Services:</u>	
Design & Construction Support	\$53,694
Scope Change #1	\$10,158
Coating Inspection Services	\$7,600
<u>Construction:</u>	
Digester Cleaning	\$196,952
Construction Award	\$1,272,240
Change Order #1	\$17,631.25
Change Order #2	\$7,115.42
Change Order #3	\$0
Change Order #4	\$4,033.06
Change Order#5	(\$22,300)
Air Gas - Nitrogen Gas Delivery	\$5,780.75
Misc.ServicesDuring Construction	\$19,429
<u>Administrative</u>	
District Labor	\$81,390
G&A	\$213,028
Total Project Cost	\$1,866,751.48
Existing Appropriation	\$1,789,494
Additional Appropriation (proposed)	\$77,257.48

DISCUSSION:

Background:

The three digesters at the Rancho Las Virgenes Composting Facility process biosolids from the Tapia Water Reclamation Facility before dewatering and composting. Digester Nos. 1 and 2 were constructed in the early 1990s and have been in continuous service since that time. In 2015, Digester No. 3 was constructed to provide redundancy and allow for the older Digesters Nos. 1 and 2 to be temporarily taken out of service (one at a time) for maintenance purposes. In 2017 staff took Digester No. 1 off-line to perform cleaning and allow for an interior inspection and development of scope for the Digester 1 Rehabilitation Project. Scope

items for the project included:

- Removal and replacement of existing concrete construction joint seals.
- Removal and replacement of all interior mechanical piping systems.
- Modifications of existing level control instrumentation and implementation of additional instrumentation.
- Replacement of existing exterior valves and actuators (feed, circulation and gas systems).
- Removal of obsolete equipment (e.g. steam lances).
- Modifications to the existing gas withdrawal piping system.
- Rehabilitation of existing roof penetrations and viewports.

Change Orders:

There were five change orders issued during construction that were administratively approved by the General Manager. The total, net construction change order amount was \$6,479.73, or 0.5%, of the construction award. Below is a summary of the project Change Orders:

Change Order No. 1: \$17,631.25, Add bevel gears to knife gate valves for actuation at ground level. Add 4 AUMMA remote control panels to operate the new actuators.

Change Order No. 2: \$7,115.42, Sludge precipitate inside digester needed to be removed in some areas for new caulking to be applied. Additional caulking was required when contractor removed precipitate and revealed previously unseen joints.

Change Order No. 3: \$0, Contractor proposed field application of pipe coating with better product in lieu of shop applied coating.

Change Order No. 4: \$4,033.06, Recalibration of pressure relief valves due to plan discrepancy.

Change Order No. 5: (\$22,300), Deductive change order for unused bid items for isolated structural concrete repair inside of Tank. Upon inspection no repairs were required.

Contract Extension:

It was discovered during construction that one of the listed actuation manufacturers no longer manufactures these units for a Class 1 Div. 1 zone. Through coordination with the contractor, the Design Engineer (PACE) located a suitable alternative that was rated for the zone. This redesign extended the lead time on the actuators, plug valves, and pipe since the material was to be glass lined and the plug valves mated to the actuators by the manufacturer. The contractor worked diligently with the District to expedite the project and delivery, but the construction exceeded the original contract duration by 182 days.

Additional Appropriation:

On August 7, 2017, the JPA Board awarded a construction contract to Pacific Hydrotech Corporation, in the amount of \$1,272,240, for the Digester No. 1 Rehabilitation Project and approved an appropriation of 709,788. Administrative costs for District labor and G&A were estimated at 4% and 7%, respectively, of construction amount. However, due to the extended contract duration, additional staff time and overhead were accumulated. An additional

appropriation of \$77,257.48 is recommended to account for the increased administrative costs.

Prepared by: Coleman Olinger, P.E., Associate Engineer

ATTACHMENTS:

Notice of Completion

RECORDING REQUESTED BY

Las Virgenes Municipal Water District

AND WHEN RECORDED MAIL TO

Name Susan Brown
Street Address Las Virgenes Municipal Water District
4232 Las Virgenes Road
City & State Zip Calabasas, CA 91302

SPACE ABOVE THIS LINE FOR RECORDER'S USE

T 420 LEGAL (9-94)

Notice of Completion

NOTICE IS HEREBY GIVEN THAT:

- 1. The undersigned is the owner of the interest or estate stated below in the property hereinafter described.
2. The full name of the undersigned is Las Virgenes Municipal Water District (NAME).
3. The full address of the undersigned is 4232 Las Virgenes Road, Calabasas CA 91302
4. The nature of the title of the undersigned is OWNER IN FEE
5. The full names and full addresses of all persons, if any, who hold title with the undersigned as joint tenants or as tenants in common are:
6. The names of the predecessors in interest of the undersigned, if the property was transferred subsequent to the commencement of the work of improvement herein referred to are (OR IF NO TRANSFER WAS MADE, INSERT THE WORD "none"):
7. A work of improvement on the property hereinafter described was completed on August 28, 2018 (DATE).
8. The name of the original contractor, if any, for the work of improvement was Pacific Hydrotech Corporation
9. The property on which the work of improvement was completed is in the City of Los Angeles, County of Los Angeles, State of California, and is described as follows:
10. The street address of the said property is 3700 Las Virgenes Road

Dated: August 28, 2018 Las Virgenes Municipal Water District
Jay Lewitt, Secretary of the Board

VERIFICATION

I, the undersigned, say:
I am the person who signed the foregoing notice. I have read the above notice and know its contents, and the facts stated therein are true of my own knowledge.
I declare under penalty of perjury that the foregoing is true and correct.
Executed at Calabasas, California, this 28th day of August, 2018
Jay Lewitt, Secretary of the Board

DO NOT RECORD

Recommended Procedure in the Preparation of a Notice of Completion

A notice of completion must be filed for record *within 10 days* after completion of the work of improvement (to be computed exclusive of the day of completion), as provided in section 3093, Civil Code.

The "owner" who must file for record a notice of completion of a building or other work of improvement means the owner (or his successor in interest at the date of notice is filed) on whose behalf the work was done, though his ownership is less than the fee title. For example, if A is the owner in fee, and B, lessee under a lease, causes a building to be constructed, then B, or whoever has succeeded to his interest at the date the notice is filed, must file the notice.

If the ownership is in *two or more persons as joint tenants or tenants in common*, the notice may be signed by any one of the co-owners (in fact, the foregoing form is designed for giving of the notice by only one co-tenant), but the names and addresses of the other co-owners must be stated in paragraph 5 of the form.

In paragraphs 3 and 5, the full address called for should include street number, city, county and state.

As to paragraph 6, insert the date of completion of the work of improvement as a *whole* if applicable. However, if the notice is to be given only of completion of a particular contract, where work of improvement is made pursuant to two or more original contracts, strike the words "a work of improvement" and insert a general statement of the kind of work done or materials furnished pursuant to such contract (e.g. "The foundations for the improvements").

If the notice is to be given as a notice of completion of the work of improvement as a *whole*, insert the name of the prime contractor, if any, in paragraph 7. No contractor's name need be given if there is no general contractor, e.g., on so-called "owner-builder jobs". However, if the notice is to be given only of completion of a particular contract, where work of improvement is made pursuant to two or more original contracts, insert the name of the contractor who performed that particular contract.

Paragraph 8 should be completed only where the notice is signed by a successor in interest of the owner who caused the improvement to be constructed.

In paragraph 9, insert the *full legal* description, not merely a street address or tax description. Refer to deed or policy of title insurance. If the space provided for description is not sufficient, a rider may be attached.

In paragraph 10, show the street address, if any, assigned to the property by any competent public or governmental authority.

**NOTICE
OF COMPLETION**

CHICAGO TITLE COMPANY



WESTERN DIVISION HEADQUARTERS
245 S. LOS ROBLES AVENUE, SUITE 105
PASADENA, CALIFORNIA 91101-2820
(818) 432-7600

CHICAGO TITLE COMPANY

