

MINUTES OF REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE PALMDALE WATER DISTRICT, JUNE 24, 2019:

A regular meeting of the Board of Directors of the Palmdale Water District was held Monday, June 24, 2019, at 2029 East Avenue Q, Palmdale, California, in the Board Room of the District office. President, Vincent Dino, called the meeting to order at 6:00 p.m.

1) Pledge of Allegiance/Moment of Silence.

At the request of President Dino, Director Alvarado led the pledge of allegiance followed by a moment of silence.

2) Roll Call.

Attendance:

Vincent Dino, President
Kathy Mac Laren, Vice President
Gloria Dizmang, Treasurer
Don Wilson, Secretary
Robert Alvarado, Assistant
Secretary

Others Present:

Adam Ly, Assistant General Manager
Eric Dunn, General Counsel
Mike Williams, Finance Manager
Jim Riley, Engineering/Grant Manager
Peter Thompson II, Deputy Water & Energy Res. Dir.
Dawn Deans, Executive Assistant
2 members of the public

3) Adoption of Agenda.

It was moved by Director Alvarado, seconded by Director Wilson, and unanimously carried by all members of the Board of Directors present at the meeting to adopt the agenda, as written.

4) Public Comments for Non-Agenda Items.

There were no public comments.

5) Presentations:

5.1) None at This Time.

There were no presentations.

6) Action Items – Consent Calendar: (The Public Shall Have an Opportunity to Comment on Any Action Item on the Consent Calendar as the Consent Calendar is Considered Collectively by the Board of Directors Prior to Action Being Taken.)

6.1) Approval of Minutes of Regular Meeting Held June 10, 2019.

6.2) Payment of Bills for June 24, 2019.

President Dino announced the items included in the Consent Calendar after which it was moved by Director Dizmang, seconded by Director Mac Laren, and unanimously carried by all members of the Board of Directors present at the meeting to approve those items included in the Consent Calendar.

7) Action Items - Action Calendar (The Public Shall Have an Opportunity to Comment on Any Action Item as Each Item is Considered by the Board of Directors Prior to Action Being Taken.)

7.1) Consideration and Possible Action on Approving Resolution No. 19-10 Being a Resolution of the Board of Directors of the Palmdale Water District Authorizing the District's Application for Funding from the Bureau of Reclamation WaterSMART: Title XVI Water Recycling Projects Under the WIIN Act for Federal Fiscal Year 2019 for the Palmdale Regional Groundwater Recharge and Recovery Project. (\$1,101,015.00 Potential Revenue – Engineering/Grant Manager Riley)

Engineering/Grant Manager Riley provided an overview of potential grant funding available from the Bureau of Reclamation, and after a brief discussion of the grant, it was moved by Director Mac Laren, seconded by Director Alvarado, and unanimously carried by all members of the Board of Directors present at the meeting to approve Resolution No. 19-10 being a Resolution of the Board of Directors of the Palmdale Water District Authorizing the District's Application for Funding from the Bureau of Reclamation WaterSMART: Title XVI Water Recycling Projects Under the WIIN Act for Federal Fiscal Year 2019 for the Palmdale Regional Groundwater Recharge and Recovery Project; approve the grant application requesting \$1,101,015.00 in grant funds to complete the final design of the Palmdale Regional Groundwater Recharge and Recovery Project; and authorize General Manager LaMoreaux to sign and transmit the grant application to the U.S. Bureau of Reclamation.

Resolution No. 19-10 is hereby made a portion of the minutes of this meeting.

7.2) Consideration and Possible Action on Candidates to Fill the Public Water Supplier Seat on the Antelope Valley Watermaster Board of Directors. (No Budget Impact – Deputy Water and Energy Resources Director Thompson II)

Deputy Water and Energy Resources Director Thompson II stated that the Public Water Suppliers Group recommends Mr. Leo Thibault, Littlerock Creek Irrigation District Director, and Director Mac Laren retain their seats on the Antelope Valley Watermaster Board of Directors after which it was moved by Director Dizmang, seconded by President Dino, and unanimously carried by all members of the Board of Directors present at the meeting that Mr. Leo Thibault, Littlerock Creek Irrigation District Director, and Director Mac Laren retain their seats on the Antelope Valley Watermaster Board of Directors.

7.3) Consideration and Possible Action on Authorization of the Following Conferences, Seminars, and Training Sessions for Board and Staff Attendance Within Budget Amounts Previously Approved in the 2019 Budget:

a) None at This Time.

There were no conferences, seminars, and training sessions to consider.

8) Information Items:

8.1) Reports of Directors:

a) Meetings/General Report.

Director Wilson reported that on June 4 - 7, he attended the Bay-Delta Tour in Sacramento; that on June 7, he attended Social Media Training with Public Affairs and I.T. staff; that on June 10, he attended the Regular Board Meeting; that on June 11, he attended the Financial Health and Stability Committee meeting; that also on June 11, he attended a Board briefing regarding the Financial Health and Stability Committee meeting; that on June 12, he attended a Palmdale Water District facilities tour with Director Dizmang, General Manager LaMoreaux, and Assistant General Manager Ly; and that on June 17, he attended a Board briefing with Finance Manager Williams for a detailed overview of Financial Health and Stability Committee reports.

Director Dizmang reported that on June 10, she attended the Regular Board Meeting; that on June 11, she attended the Financial Health and Stability Committee meeting; that on June 14, she attended a facilities tour with Director Wilson, General Manager LaMoreaux, and Assistant General Manager Ly – a detailed written report on this tour is hereby made a portion of the minutes of this meeting; that on June 17, she attended Social Media Training with Public Affairs and I.T. staff; that on June 19, she attended a Board briefing with Assistant General Manager Ly regarding tonight's Board Meeting; and that also on June 19, she attended the Air Force Plant 42 Environmental Restoration Advisory Board meeting – a detailed written report on this meeting is hereby made a portion of the minutes of this meeting.

Director Mac Laren reported that on June 17, she attended Social Media Training with Public Affairs and I.T. staff; that also on June 17, she attended the Palmdale Recycled Water Authority meeting; that on June 18, she attended the Antelope Valley Watermaster Public Water Supplier meeting; and that on June 20, she attended a Board briefing with Assistant General Manager Ly regarding tonight's Board Meeting and to discuss brainstorming ideas.

Director Alvarado reported that on June 12, he attended his Coffee With a Director event, and this event was well-attended and informative; that on June 13, he attended Social Media Training with Public Affairs and I.T. staff; and that on June 20, he attended a telephone Board briefing with Assistant General Manager Ly regarding tonight's Board Meeting.

President Dino reported that on May 30, he attended an agenda review and approval meeting; that on June 11, he attended an AVEK Board meeting; that on June 13, he attended an agenda review and approval meeting; that on June 17, he attended Social Media Training with Public Affairs and I.T. staff; that also on June 17, he attended the Palmdale Recycled Water Authority meeting; that on June 19, he attended the Air Force Plant 42 Environmental Restoration Advisory Board meeting as an Alternate for Director Wilson; that on June 20, he attended a Board briefing with Assistant General Manager Ly regarding tonight's Board Meeting; that on June 24, he is attending the Palmdale Water District Regular Board Meeting; and that on June 25, he will be attending an AVEK Board meeting.

b) Standing Committee/Assignment Reports (Chair):

1) Financial Health and Stability Committee.

2) Palmdale Recycled Water Authority.

3) Environmental Restoration Advisory Board.

There were no further reports on Standing Committee/Assignments.

8.2) Report of General Manager.

Assistant General Manager Ly stated that he has no report.

8.3) Report of General Counsel.

General Counsel Dunn reported that a judge ruled that the referendum process does not apply to the Proposition 218 process in the recent Amador Water Agency case.

9) Public Comments on Closed Session Agenda Matters.

There were no public comments on closed session agenda matters.

10) Closed Session Under:

10.1) Conference with Legal Counsel – Existing Litigation: A Closed Session Will be Held, Pursuant to Government Code §54956.9 (d)(1), to Confer With Special Litigation Counsel Regarding Existing Litigation to Which the District is a Party. The Title of Such Litigation is as Follows: *Antelope Valley Ground Water Cases*.

At 6:37 p.m., President Dino called for a closed session pursuant to Government Code §54956.9 (d)(1), to confer with Special Litigation Counsel regarding existing litigation to which the District is a party, the title of such litigation being: *the Antelope Valley Ground Water Cases*. He reconvened the Regular Board Meeting at 6:47 p.m.

11) Public Report of Any Action Taken in Closed Session.

President Dino stated that a closed session was held pursuant to Government Code §54956.9 (d)(1), to confer with Special Litigation Counsel via teleconference regarding existing litigation to which the District is a party, the title of such litigation being: *the Antelope Valley Ground Water Cases*, but that no reportable action was taken in closed session.

12) Board Members' Requests for Future Agenda Items.

Director Dizmang requested an agenda item for "Update on security for Palmdale Lake and Palmdale Ditch."

There were no further requests for future agenda items.

13) Adjournment.

There being no further business to come before the Board, the meeting was adjourned at 6:48 p.m.

A handwritten signature in dark ink, appearing to read "D. O. W. I.", is written over a horizontal line.

Secretary

RESOLUTION 19-10

RESOLUTION OF THE BOARD OF DIRECTORS OF THE PALMDALE WATER DISTRICT AUTHORIZING THE DISTRICT'S APPLICATION FOR FUNDING FROM THE BUREAU OF RECLAMATION WATERSMART: TITLE XVI WATER RECYCLING PROJECTS UNDER THE WIIN ACT FOR FEDERAL FISCAL YEAR 2019 FOR THE PALMDALE REGIONAL GROUNDWATER RECHARGE AND RECOVERY PROJECT

WHEREAS, Palmdale Water District is a municipal water district established pursuant to Section 71000 et seq. of the California Water Code.

WHEREAS, water supply in the Palmdale area is facing a growing list of challenges associated with reductions in allowed groundwater pumping due to groundwater adjudication, regulatory cutbacks on State Water Project deliveries, Bay-Delta instability, climate change, aging infrastructure, and growing population; and

WHEREAS, the United States Department of the Interior, Bureau of Reclamation under the WaterSMART: Title XVI Water Recycling Projects under the WIIN Act makes funding available to qualifying applicants; and

WHEREAS, the Board of Directors of the Palmdale Water District has identified a project that exemplifies the objectives of the WaterSMART Grant in the Palmdale Regional Groundwater Recharge and Recovery Project; and

WHEREAS, Palmdale Water District agrees to the administration and cost sharing requirements of the WaterSMART Grant criteria.

NOW, THEREFORE, LET IT BE RESOLVED by the Board of Directors of the Palmdale Water District as follows:

SECTION 1. Palmdale Water District is hereby authorized to receive, if awarded, the WaterSMART: Title XVI Water Recycling Project Program grant funding in an amount up to \$1,101,015 million and will make a good faith effort to enter into a cooperative agreement with Reclamation for the receipt and administration of said grant funds.

SECTION 2. The General Manager, Dennis LaMoreaux, or his designee, is hereby authorized to take any and all action which may be necessary for the completion and execution of the project agreement and to take any and all other action which may be necessary for the receipt and administration of the grant funding in accordance with the requirements of the Bureau of Reclamation.

SECTION 3. This resolution officially becomes a component part of the Palmdale Water District's grant application.

SECTION 4. The Board of Directors has reviewed and supports the application to be submitted.

SECTION 5. Palmdale Water District is capable of providing the amount of funding and/or in-kind contributions specified in the grant application funding plan.

SECTION 6. This Resolution shall be effective as of the date of adoption.

CERTIFICATION

PASSED, APPROVED and ADOPTED this 24th day of June 2019.



Vincent Dino, President
Board of Directors
Palmdale Water District



Don Wilson, Secretary
Board of Directors
Palmdale Water District

Approved as to form:



Aleshire & Wynder, LLP
District Legal Counsel

REPORT ON TOUR TAKEN JUNE 12TH, 2019 OF PWD FACILITIES AND PROJECTS

Submitted by Director G. Dizmang, District 3

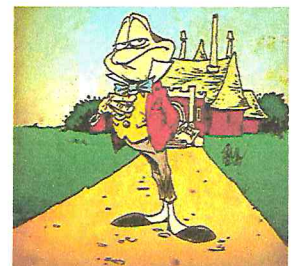
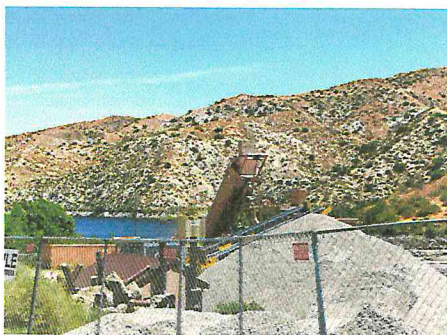
On June 13th, 2019, General Manager Lamaroux and Asst. General Manager Ly were gracious enough to take Director Wilson and myself on a tour of some of the land and facilities that comprise the Palmdale Water District. We travelled from 25th Street West to 105th Street East and checking on the progress of the sediment removal at Littlerock Dam project and the Armagosa Creek Recharge Project, the Littlerock Recharge Project and the Treatment Plant.



The Palmdale Water District comprises more than just areas in the City of Palmdale. It is responsible for maintaining Littlerock Dam and includes many small sub sections throughout the High Desert. Much of the undeveloped land is being prepared for percolation sites whereby surface water can be stored as ground water.

One of the first things that struck me the first time I took on the job as director was how farseeing the district was in using new technology and looking to improve what was already being used. Their efforts have saved the District large amounts of money. For instance, when PWD needed a new water truck, the mechanics and maintenance people converted an old flatbed truck into a water truck, saving thousands of dollars.

One of the big projects has been the removal of sediment from Littlerock Dam. This is to increase the water-holding capabilities of the structure. However, some problems arose when an endangered species of toad was discovered at the south end of the dam. To save the TOAD and yet clear out the sediment, the original plan had to be altered. We were able to preserve the area with an underwater structure carved out to protect the TOAD and help decrease the build up of sediment for the future. (A note to No. California—we are environmentally conscious too.) The completion of this project is still ten years away.



In the second part of our trip we followed the Palmdale Ditch, which moves the water from the Littlerock Dam to Palmdale Lake. This ditch was originally built in the 1880s and still serves to bring the water to the Lake. About 10% of water used by Palmdale comes from the Dam through the Ditch. PWD is working on using a clay based material to line the Ditch to prevent erosion and minimize seepage. Again, this is a new innovation.



When we arrived at the Lake we went in to see the changes in the Treatment Plant on Avenue S. The treatment plant processes water from the Ditch and from the Aqueduct.. Here water is collected and treated and then filtered through charcoal for consumption. Palmdale is the ONLY public agency in the Valley that filters its water through charcoal. This means fewer chemicals are used to produce clean drinking water. In the laboratory water from all over the district is constantly being tested for purity .

In the Control Room are computers that monitor all of the water systems intake and distribution. The Plant processes about 6.7 billion gallons of clean water each year. It monitors over 400 miles pipe (about the distance from Palmdale to San Francisco), about 25 wells, 20 storage tanks, and the two previously mentioned reservoirs. In the control room are series of large computer screens which report to the operator the up-to-date flow of all of the water in the system. Here we can turn off water anywhere in the system. Mr. Henrie, the gentleman working there showed us the system and answered many questions.



This treatment. Plant is one of the best in the state.

We visited the site of the Armagosa Creek Recharge Project which we are developing with the City of Palmdale, the Antelope Valley East Kern Water Agency ,and the Los



Angeles County Waterworks. This project will increase the amount of groundwater and will be a public park. This project is located near 25th Street West. When completed, it could bring in around 1500 to 2300 acre feet of water per year.

For our final part of the tour we journeyed to 105th Street East to a site where some monitoring wells have been drilled. This is the future site of the Littlerock Recharge and Recovery Project. In this project for



groundwater recharge, water would be obtained from the Aqueduct and from the Los Angeles County Sanitation District. When completed it could provide 15,000 to 25,000 AFY.



During the course of the tour I also was informed of the methods that have been in place in case an earthquake or some other catastrophe breaks the dam. This methods will prevent the City of Palmdale from being flooded.

Much of the Palmdale Water District is secure and placed under the jurisdiction of Homeland Security.

That concluded the tour. There are still some things I to see, but maybe when the temps are a little lower.

Report on ERAB meeting of June 19, 2019
G. Dizmang, District 3 Director

There was some confusion at the beginning of the meeting because no one had been informed that Kathy MacLaren was no longer on the committee, as well as Joe Estes. President Dino, Asst. General Manager Ly, and I attempted to explain the nature of membership and service in the PWD Board. While I was accepted, Mr. Blanco seemed to think that Joe Estes was still a community member. We tried to explain that Mr. Estes represented the PWD during his service and was no longer with us. I am not certain that message "got through."

We each received a Charter for the ERAB. The purpose of the Environmental Restoration Advisory Board is to inform the community of clean up and restoration projects on military bases (in this case, Plant 42). It allows the public to comment and ask questions regarding the military (in this case, the Air Force) program and its effectiveness in improving and maintaining the environment of the installation. Representatives from the facility, military and civilian, along with community members and representatives of interested agencies (like the PWD) are present.

Mr. Juan Blanco assumed the position of civilian co-chair and guided the rather raucous meeting for 2 1/2 hours. A power point presentation was made by Mr. George Walters, Air Force Civil Engineer Center Restoration Branch Chief. (I would like to see his business card!). During the presentation issues were brought up that were concerns of the committee members. The main issue centered around a TCE plume in the base area and the growth of two spheres of high concentration.

The concerns were twofold. First, this plume has been present since 2011, and the second concern was why the plume hasn't been eradicated.

First, plume is still present but has changed shape and become more elongated. This is caused by the flow of groundwater. Some possible causes were usage of ground water by LA County Waterworks, and the failure of a Plant 42 pump. The concern was

that the plume could affect drinking water. So far, there hasn't been a problem with that. This answer also takes care of the problem of why the new concentration is in existence. The pump failed.

I could possibly relate more information about the meeting but it was a 2 1/2 hour meeting. Truthfully, I have much to learn to understand everything. Hopefully my next report will be more accurate.