



# PALMDALE WATER DISTRICT

A CENTURY OF SERVICE

## BOARD OF DIRECTORS

W. SCOTT KELLERMAN  
Division 1

DON WILSON  
Division 2

GLORIA DIZMANG  
Division 3

KATHY MAC LAREN-GOMEZ  
Division 4

VINCENT DINO  
Division 5

July 7, 2022

## AGENDA FOR A MEETING OF THE RESOURCE AND FACILITIES COMMITTEE OF THE PALMDALE WATER DISTRICT TO BE HELD AT 2029 EAST AVENUE Q, PALMDALE OR VIA TELECONFERENCE

Committee Members: Vincent Dino-Chair, Scott Kellerman

**FOR THE PUBLIC: VIA TELECONFERENCE ONLY**

**DIAL-IN NUMBER: 571-748-4021 ATTENDEE PIN: 534-413-684#**

**Submit Public Comments at: <https://www.gomeet.com/534-413-684>**

**THURSDAY, JULY 14, 2022**

**7:00 a.m.**

DENNIS D. LaMOREAUX  
General Manager

ALESHIRE & WYNDER LLP  
Attorneys

**NOTE:** To comply with the Americans with Disabilities Act, to participate in any Board meeting please contact Dawn Deans at 661-947-4111 x1003 at least 48 hours prior to a Board meeting to inform us of your needs and to determine if accommodation is feasible.

Agenda item materials, as well as materials related to agenda items submitted after distribution of the agenda packets, are available for public review at the District's office located at 2029 East Avenue Q, Palmdale (Government Code Section 54957.5). Please call Dawn Deans at 661-947-4111 x1003 for public review of materials.

**PUBLIC COMMENT GUIDELINES:** The prescribed time limit per speaker is three-minutes. Please refrain from public displays or outbursts such as unsolicited applause, comments, or cheering. Any disruptive activities that substantially interfere with the ability of the District to carry out its meeting will not be permitted, and offenders will be requested to leave the meeting. (PWD Rules and Regulations, Appendix DD, Sec. IV.A.)

Each item on the agenda shall be deemed to include any appropriate motion, resolution, or ordinance to take action on any item.

- 1) Roll call.
- 2) Adoption of agenda.
- 3) Public comments for non-agenda items.
- 4) Action Items: (The public shall have an opportunity to comment on any action item as each item is considered by the Committee prior to action being taken.)



- 4.1) Consideration and possible action on approval of minutes of meeting held October 21, 2021.
- 5) Reports.
  - 5.1) Resource and Analytics Director Thompson II:
    - a) 2022 State Water Project allocation use and potential 2023 allocation.
    - b) Implementation of Stage 2 of the Water Shortage Contingency Plan.
    - c) Water Conservation and Education Garden.
  - 5.2) Engineering Manager Rogers:
    - a) Littlerock Reservoir Sediment Removal Project.
    - b) Water Main Replacement Projects.
    - c) Palmdale Regional Water Augmentation Project.
      - 1) Demonstration Plan layout options.
      - 2) Process to find Advanced Water Treatment Plant property.
      - 3) Overview of upcoming activities.
  - 5.3) Facilities Manager Bligh:
    - a) Well Rehabilitations.
    - b) Palmdale Ditch.
- 6) Board members' requests for future agenda items.
- 7) Date of next Committee meeting.
- 8) Adjournment.



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DENNIS D. LaMOREAUX,  
General Manager

DDL/dd



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# Resource and Facilities Committee Meeting

7-14-2022

Chris Bligh



# Recent Well Rehab Projects

- Rehab with liner
- Rehab with redevelopment and VFD
- Vertical turbine and submersible pumps
- Motor rebuild only

| Well #  | Pump Type            | GPM   | Setting | Note         | Cost              |
|---------|----------------------|-------|---------|--------------|-------------------|
| Well 7  | 10" Verticle Turbine | 700   | 700'    | Eng Proj.    | 2021<br>\$330,000 |
| Well 14 | 10" Verticle Turbine | 800   | 700'    |              | 2022<br>\$158,000 |
| Well 8  | 12" Verticle Turbine | 1,900 | 760'    |              | 2022<br>\$295,800 |
| Well 3  | Verticle Turbine     | 1,100 | 700'    | Motor Only   | 2022<br>\$12,800  |
| Well 32 | Submersible          | 250   | 460'    |              | 2022<br>\$178,150 |
| Well 26 | Submersible          | 250   | 400'    | Pull & Video | 2022<br>\$13,300  |
|         |                      |       |         |              | 2021 \$330,000    |
|         |                      |       |         |              | 2022 \$658,050    |
|         |                      |       |         |              | Total \$988,050   |



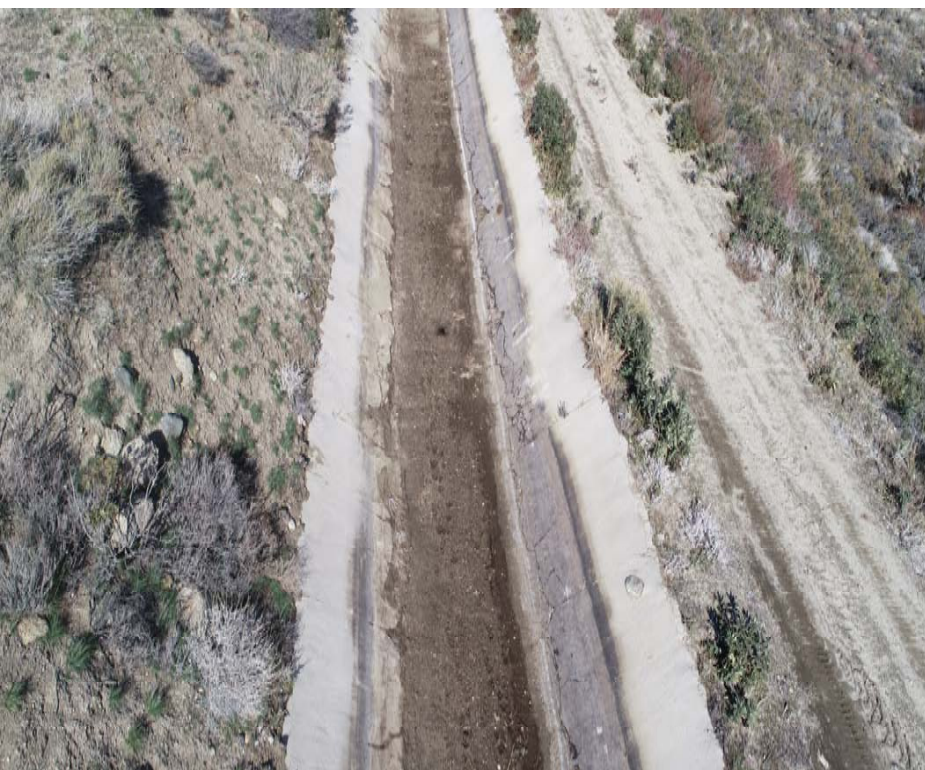
# Palmdale Ditch Algae Explosion

- Start 20 cfs flow at LRD on 2-14-2022, at level of 2' from spill
- Algae and debris growth at levels that we had never seen before
- Had to clean screens twice a day and lower flow to 15 cfs, in early June
- Shut ditch flow down in mid June, due to not being able to keep up
- Equipment and an average of six staff, for two weeks, to clean out
- Restart ditch flow at 20 cfs and dosing with Earth Tec at 1.5 ppm or 40 ml/min





# Palmdale Ditch Typical Conditions





# Palmdale Ditch Typical Conditions



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# Algae Explosion



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# Algae Explosion



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# Algae Explosion



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Thank you!

