

RECLAMATION DISTRICT NO. 1601

306 Second Street
Isleton, CA 95641

Minutes of the Board of Trustees Regular Meeting July 20, 2021

Meeting held by teleconference consistent with Executive Order N-29-20.

1. CALL MEETING TO ORDER.

President Mercado called the regular meeting of the Board of Trustees to order on July 20, 2021, at 8:02 a.m. ROLL CALL: In attendance: President Juan Mercado, Trustee Barry Sgarrella, Trustee Dave Huston, District Superintendent Mr. Ricky Carter (left at 8:03 am), District's engineer Mr. Chris Neudeck, District's attorney Mr. Jesse Barton, District's accountant Mrs. Perla Tzintzun-Garibay with Butterfield and Company. Also, in attendance Mr. Marvis McBride (left at 8:03 am and went back to work), Mr. Richard Silva (left at 8:03 am). Attending by conference call, District secretary Mrs. Linda Carter, Ms. Otome Lindsey, and Mr. Chris Carlson.

2. CLOSED SESSION: PUBLIC EMPLOYEE PERFORMANCE EVALUATION TITLES: SUPERINTENDENT, LABORER, AND SECRETARY.

Board went into closed session at 8:03 am, and opened the meeting at 9:06 am. President Mercado called the regular meeting back to order: Roll Call: President Mercado, Trustee Sgarrella, Trustee Dave Huston, Mr. Ricky Carter, Mr. Chris Neudeck, Mr. Jesse Barton and Mrs. Perla Tzintzun-Garibay. Also, in attendance Mr. Richard Silva. Attending by conference call, Mrs. Linda Carter, Ms. Otome Lindsey, and Mr. Chris Carlson.

Mr. Jesse Barton reported that no action was taken, the Board of Trustees has requested another Closed Special Board of Trustee meeting to be held on July 29, 2021 at 8:00 am, with Mr. Ricky Carter and Mr. Marvis McBride present at the meeting.

3. PUBLIC COMMENT: ANY PERSON MAY SPEAK ON ANY TOPIC INCLUDING ANY AGENDA ITEM LISTED BELOW, PROVIDED IT IS WITHIN THE JURISDICTION OF RD 1601.

President Mercado told the Board that on Tuesday, July 27, 2021, at 12:00 pm, DWR will be holding a meeting at the Bell Vie Vineyard on Sherman Island. The topic of the meeting will be "Water Issues," which will concern the farmers on Sherman Island and Twitchell Island.

4. MINUTES REGULAR MEETING.

President Mercado entertained a motion to approve the June 15, 2021, regular meeting minutes as written, motion was seconded by Trustee Barry Sgarrella VOTE: AYES: President Mercado, Trustee Sgarrella and Trustee Huston NOES: None ABSTAIN: None ABSENT: None, motion carried.

5. ACCOUNTS PAYABLE.

Mrs. Perla Tzintzun-Garibay went over the accounts payable, accounting notes and financial statements with the Board. She also noted the following payments made between meetings:

On June 16, 2021, AT&T mobility payment of \$108.62 with check 11804, due to timing of due date.

On July 9, 2021, EFT payment to PERS for \$4,241.07, due to timing of due date.

On July 16, 2021, deposited \$15,212.65, DWR Trust reimbursement (\$10,212.65) Mr. Richard Silva for Tiger side mower (\$5,000).

Mrs. Perla Tzintzun-Garibay went over the accounts payable with the Board. She told the Board that the final invoice from W.M. Schauer & Sons. Inc. (for replacing two sectional doors at the Chevron Point barn), was for \$7,690.00. The first estimate provided was for \$3,564, for repairing one door, and was much lower than the final invoice. The first estimate was sent to the District's insurance to file a claim for the door damage done during a wind storm. Mr. Rick Carter explained that after the claim was sent in, later it was noticed that a second door needed to have some repairs done to it as well which he authorized and resulted in the higher final invoice. Mrs. Perla Tzintzun-Garibay has contacted the insurance company to find out if the additional amount can be added to the original claim file with the District's policy. She is waiting for a response from the insurance adjuster. The District received an invoice from PG&E for \$10,337.24, for labor costs to repair PG&E electrical wires damaged at the District's pump station last year. This happened while Mr. Marvis McBride was cleaning around the pump station with the District's excavator. After some discussion it was decided that Mrs. Perla Tzintzun-Garibay will contact the District's insurance rep and ask if this is a covered expense under the District's policy. Mrs. Perla Tzintzun-Garibay requested approval to pay total accounts payable of \$227,242.93, General Fund Warrant No. 3362 for \$215,000, transfers and special project invoices as noted. See detailed accounting reports under separate cover.

After some discussion President Mercado entertained a motion to approve the transactions requested and motion was seconded by Trustee Sgarrella VOTE: AYES: President Mercado, Trustee Sgarrella and Trustee Huston NOES: None ABSTAIN: None ABSENT: None, motion carried.

6. BOARD TO HEAR INFORMATION AND DISCUSS CHANGING FROM SACRAMENTO COUNTY HANDLING THE DISTRICT'S FINANCIALS TO A BANK SUCH AS BANK OF STOCKTON.

Mrs. Perla Tzintzun-Garibay reminded the Board at last month's meeting she told the Board that it is taking Sacramento County a month to process a warrant. She had to hold invoices due to Sacramento County not processing the warrant in the 10 days they have to process the warrant. She also told the Board that Sherman Island was having the same problem, and that they have moved their Treasurer responsibilities to Perla. She told the Board it was about a six-month process, but after all the paperwork was completed and funds were moved to a regular bank things have been much more efficient and ultimately save the District time and costs. Things are running much smoother and payments are going out much earlier. Sherman Island is happy with the change. Mr. Jesse Barton told the Board that under the Water Code it states that there is

a procedure to follow. There will be a list of documents that will need to be submitted to the County for their consent to approve a Board appointed independent Treasurer i.e. an insurance certificate or bond and Board resolution appointing a new treasurer. Once approval is received, the new bank will require signature cards and similar documentation. Mr. Barton will bring the information needed to start the process to next month's meeting for the Board to review and possibly approve a change in Treasurer.

7. BOARD TO DISCUSS ASSESSMENT CALL 29 (FOR 2020-2021 ASSESSMENT).

Mrs. Linda Carter reported to the Board that all of the Assessment Call 29 invoices have been sent out to the property owners and copies to Sacramento County have been delivered. Mrs. Perla Tzintzun-Garibay reported that Fagundes Dairy (\$3,354.16) had paid their portion of Assessment Call 29.

8. BOARD TO DISCUSS AND POSSIBLY APPROVE THE DISTRICT'S BUDGET FOR 2021-2022.

Mrs. Perla Tzintzun-Garibay went over with the Board a draft copy of the budget for 2021-2022. After some discussion it was decided \$60,000 would be taken out of the Canal Cleaning budget line item. \$25,000 will be allocated to the Pump Station repair account, the remaining \$35,000 will be added to the District's Contingency Reserve account line item, leaving the Canal Cleaning line item with zero budgeted for the year. After reviewing the draft budget and some discussion, President Mercado entertained a motion to approve the budget for 2021-2022 with the mentioned changes to the budget, motion seconded by Trustee Huston. VOTE: AYES: President Mercado, Trustee Sgarrella and Trustee Huston NOES: None ABSTAIN: None ABSENT: None, motion carried.

9. BOARD TO HEAR AN UPDATE ON THE DISTRICT'S WEBSITE.

Mrs. Linda Carter reported to the Board that the website is in the process of entering information to the website. After some discussion it was decided that the agenda, minutes, and engineers report would be placed on the website each month. The annual audit will be put on the website as well each year. The agenda will still be posted at the office in Isleton, copies will be sent by email on the agenda email list.

10. DISTRICT STAFF: BOARD TO DISCUSS THE HIRING OF ADDITIONAL FULL TIME DISTRICT STAFF.

Mr. Jesse Barton told the Board Sherman Island has decided that Sherman Island will be the one to hire a new employee and this person will do habitat maintenance on Sherman Island and Twitchell Island for the SMFA (Habitat Project). They will be paid with DWR funds under Sherman Island's payroll. This person will manage the wetland projects on both islands.

Mr. Chris Carlson told the Board that the berms and siphons need to be tended. It just seems to be better to hire an individual than to go out to a contractor.

11. BOARD TO HEAR AN UPDATE AND DISCUSS EXPLORING A SOLAR POWER ALTERNATIVE TO POWER THE RD 1601 PUMP STATION.

Trustee Sgarrella reported to the Board last week ENGEO installed 4CPT's (one at each corner of the generation site). They were going to try for 100 feet, but hit refusal at 40 feet.

Mr. Wong told Trustee Sgarrella that the easement language is still being reviewed, once completed, DWR will send the easement back to the District for final approval, then the easement will go back to DWR to be signed off by the state.

12. PROJECT FUNDING AGREEMENT TW-14-1.1-PROJECT FUNDING AGREEMENT FOR A HABITAT ENHANCEMENT PROJECT ON TWITCHELL ISLAND (EXPIRES 12/31/2021). THE BOARD WILL HEAR A STATUS UPDATE AND DISCUSS.

Ms. Otome Lindsey reported to the Board that they will be trimming weeds and spraying weeds with herbicides at the Elderberry, Meadow and Pocket sites.

13. BOARD TO HEAR AN UPDATE ON THE TWITCHELL ISLAND MITIGATION ENHANCEMENT (TIME) PROJECT. BOARD TO DISCUSS THE POSSIBILITY ENTERING INTO A PFA (TW-21-1.0) AND RESOLUTION, FOR THE PLANNING, ENGINEERING, INITIAL LAND AND CONSTRUCTION OF THE PROJECT, AND 2) AGREEING TO BE THE CONSERVATION EASEMENT HOLDER FOR THE MITIGATION PORTION OF THE TIME PROJECT.

Ms. Otome Lindsey reported to the Board that after last month's meeting the Project Funding Agreement for planning, engineering, and, construction of the Twitchell Island Mitigation and Enhancement Site Project Agreement No. TW-21-1.0 was sent to the DWR legal department for Andrea and Robin to review and approve the addition of staff and legal time that had been done prior of the approval of the PFA. Ms. Lindsey told the Board that the request for payment has been denied. After some discussion it was decided that in the future no work will be done by any of the District's staff, until the District has a final approved PFA in hand. Ms. Lindsey told the Board that she and Jennifer wanted to thank the Board and staff for all the work and information that was provided to them.

14. DWR AGREEMENT "SUBSIDENCE MITIGATION FUNDING AGREEMENT" UNDER THIS AGREEMENT, DWR WILL FUND HABITAT CONSTRUCTION AT THE EAST END OF TWITCHELL ISLAND AND REALIGN THE LEVEE AT CHEVRON POINT AND THE RICE PROJECT (SMFA EXPIRES 12/31/2024). THE BOARD WILL HEAR A STATUS UPDATE AND DISCUSS.

Nothing to report on the project.

Mr. Chris Carlson told the Board that on August 12, 2021, they will be coming out to evaluate the Setback Levee (along the San Joaquin River) and examine the site. They will try to determine why some of the trees are dying, what's causing erosion and the weed problem. Afterwards Mr. Carlson will give the Board a report of his findings.

15. PROJECT FUNDING AGREEMENT TW-18-1.0-SP-DELTA LEVEES SPECIAL FLOOD CONTROL PROGRAM FIVE YEAR AGREEMENT (EXPIRES 12/31/2021). THE BOARD WILL HEAR A STATUS UPDATE AND DISCUSS.

Nothing to report.

16. ENGINEER'S REPORT: Mr. Chris Neudeck's engineering report is attached to the minutes.

I. Plan Review –USGS Seismograph Installation Summaries

A. Mr. Neudeck reviewed with the Board the possible sites for an Encroachment Permit from USGS for installation of seismic monitoring equipment.

Exhibit A: Google Earth Site Map showing potential sites for Seismograph.

Exhibit B: Email Correspondence from Jemile Erdem regarding Draft Sites and request for Soil Boring Logs from RD 1601 Dated 7/12/2021.

Exhibit C: Email Correspondence from KSN Inc. to Jemile Erdem with USGS transmitting Soil Boring Logs for the District dated 7/13/2021.

Mr. Chris Neudeck told the Board he sent the Soil Boring Logs information from the 5 year plan.

II. Pump Station

A. Mr. Neudeck reviewed with the Board the pump station issues.

On July 9th Mr. Bill Power from Power Hydrodynamics was onsite at the District Pump Station to perform pump testing for all three District Drainage pumps. Current pump station status was documented (water elevation, pump horsepower, pump make and model, etc.), along with other pertinent site data. Pump testing commenced after initial data collection. Pumps #1 and #3 were within range when compared to current flowmeter values and these two pumps were producing the desired flow rates. During the testing Pump #2 was only pumping approximately 50% of the anticipated flow rate. It is highly likely that Pump #2 is experiencing a mechanical issue that is affecting its performance and output. While onsite, during pump testing KSN Inc. noted that the temperature inside the pump house was quite hot due to the outside ambient temperature. Forecasted high temperatures for July 9th- July 12th were to exceed 100 degrees, with 109 degrees being the highest temperature expected. At this time, KSN Inc. suggested that an exhaust fan be installed on the north side of the pump house. In the meantime a simple box fan was suggested to be installed over one of the louvered vents, directed outward, in order to create more air flow through the pump house. Another observation made during this time was the overwhelming amount of water hyacinth covering the area of the C-1 canal. Water flow was being restricted at both trash racks and water flow was observed flowing under each rack and boiling up on the downstream side. Our final observation of note was that the valves located on the discharge pipes were very hard to operate. The valve located on the discharge pipe to the east (Pump#2) was impossible to operate by hand and required a 24" pipe wrench to open/close the valve. The operating mechanism for this valve may need to be disassembled and serviced and/or replaced. The

other two valves are difficult to turn but can still be operated by hand with now tool required.

Exhibit D: Pump No. 1 test reports for 7/9/2021 pump test event

Exhibit E: Pump No. 2 test reports for 7/9/2021 pump test event

Exhibit F: Pump No. 3 test reports for 7/9/2021 pump test event

- B. On July 10th Mr. Jack Wilbur of KSN Inc. received a call from Mr. Rick Carter Superintendent which he was unable to answer. In the voicemail from Mr. Carter, he stated that Pump #1 was only producing roughly 70% of the Desired/rated flow and that Pump #3 had a “fail to start alarm “. Mr. Wilbur Then checked the station via remote access to the Human Machine Interface (HMI) and verified that Pump #1 flow as low and Pump #3 was in an alarm State. Mr. Wilbur suggested corrective action via text message. Mr. Wilbur Suspected that due to the overwhelming amount of vegetation in the canal Pump #1 flow was restricted at the inlet/bowl resulting in low flow. Regarding Pump #3 Mr. Wilbur believed that the electric motor experienced thermal Overload due to extreme ambient temperature and high temperature in the pump House, number of starts and stops due to restricted flow at the trash racks and restricted flow at the pump inlet/bowl due to vegetation.

Suggested remedies for these issues are as follows:

- Clear all aquatic vegetation from the C-1 Canal and develop a routing PM (Preventive Maintenance) program for regular removal of vegetation that develops in the canal.
 - Install a permanent exhaust fan, or two at the pump house to purge hot air from the building and draw fresh air in. This will help with operating temps of the electric motors as well as keep electrical cabinets at a lower operating temperance. For the interim a simple box fan, or two installed as suggested previously will be acceptable means to increase fresh air flow.
 - Pump #2 will need to be taken out of service, pulled and inspected. Currently the District has Pump #2 out of service and isolated. Pump #1 and #3 are in service with an alternating schedule with a led/lag configuration.
- C. Pump Station level setpoints diagram has been updated and final document drafted. Mr. Neudeck reviewed with the Board the pump station issues.
Exhibit G: RD 1601 Pump Station level setpoints chart for Peak and Non-Peak control
KSN will be putting together a binder, the binder will be placed in the pump house and there will be items that will need to be sign off on daily by either Mr. Ricky Carter or Mr. Marvis McBride.
- D. The delivery and placement of fill on the east bank of C-1 canal started up again Friday morning July 2, 2021 at around 8 AM.
1. Mr. Chris Koenig of ASTA Construction was operating one of ASTA’s CAT D-6 Dozer to spread and place the delivered fill. Mr.

Marvis McBride was on vacation and Mr. Rick Carter was nursing recent hand surgery.

2. It was reported by Manni of Rapid Trans, LLC that 10 mega dump trucks were in operation today with the delivery of fill materials from the stockpile located on Grant Street in Concord, CA.
3. The fill materials were dumped into the ditch bank area and the D-6 dozer was used to push and orientate the material next to the canal. The thickness of fill material at the location of placement was approximately 3 to 4 feet thick X 20 feet wide. This material will eventually be pushed along the length of the canal bank areas to a thickness of approximately 2 to 3 feet thick. The material was being placed with a slope of 10%[^] towards the water in the canal.
4. Fill material was found to be light brown sandy silty clay type of material. This material was consistent with the material observed at the Grant Street stockpile located in Concord. The fill was clean of debris and relatively free of organic material. This material is suitable for use as levee fill material. The moisture content of the deliver fill material was observed to be approximately 2 to 4 percent over optimum water content per ASTM D-1557-this is ideal for placement and compaction.

III. Annual Tide Calendars

- A. Mr. Neudeck reviewed with the Board the status of check in with Matt Boring from Control Point to verify additional electrical service users Running through RD 1601's PG&E meter.

Exhibit I: Correspondence from KSN Inc. transmitting the Tide Calendars to Calendars to the District dated July 2021 to December 2022
Under Separated Cover.

Trustee Sgarrella reported to the Board that the P.G. &E. bill for this month was \$13,034.66 last month the charges were \$8,091.98. Trustee Sgarrella handed out copy of the P.G. &E. invoice for the electric charges from June 1, 2021-June 29, 2021. The peak charges have increased: 19.4 cents, off peak charges are 13.5 cents. Still using a little power used at peak. The peak charges for this time period is \$698.44, off peak \$8,324.81. Demand charge max peak \$1,437.45 and max demand \$2,519.75. Trustee Sgarrella told the Board there is no way of getting around paying for the demand charges. P.G. & E. has changed the hours of usage. After some discussion it was decided to change the rate the NOAA trailer was being charged, the charges will now be at 20 cents per hour, due to the electric rates going up. Trustee Sgarrella also handed out a spread sheet of the District's electric bills for 2019/2020 -2020-2021 and a graph of peak demanded. Trustee Sgarrella and the Board had a discussion of installing a bank of batteries for storage, to help with the peak issue. The demand charges will continue, at this time there is no getting around P.G. & E. charging the District for this service.

17. SUPERINTENDENT REPORT: Mr. Ricky Carter.

- Routine levee patrols daily.

- Checked pumps and oil in the pumps at station daily.
- Check water in the canal.
- Crew came and installed two new doors at the Chevron Point barn.
- Met with Mr. Jack Wilbur (KSN) and Moorman Pumps about the District's number 2 pump.
- Delivered Assessment Call 29, paperwork to Sacramento County.
- High Tide at 2:30am, 7.6 at Rio Vista on June 22, 2021.
- Trucks delivered dirt to C-1 (80) loads, Mr. Rick Toy (KSN) was here. Along with ASTA Construction to spread the dirt.
- Signs were tagged on Twitchell.
- ENGO came and drilled CPT Wells at the District's future Solar Array site.
- Another delivery of dirt to C-1, on July 2, 2021.
- Worked on Subvention Claim for 2020-2021.
- Met with USGS for seismic sites.
- Met with Mr. Bill Powers for the testing of all of the District's pumps.
- Had new tires put on the 2016 Ford pick truck.
- Purchased toner for the District's laser printer at the Isleton office.
- Delivered account payables and Mr. Richard Silva's check for the Tiger side mower to Mrs. Perla Tzintzun-Garibay.
- Pulled the District's Kubota tractor and the bush hog chopper from being stuck on Twitchell Island Road.
- The District's bush hog chopper seized up, drove it to Dolk Tractor for repairs.
- Obtained the paperwork for the Tiger mower.
- Pulled numbers from the NOAA trailer, for Perla.
- Mr. Rick Carter reported to the Board that the Chevron Point barn is listing in one of the corners by 3 inches. Will be attempting to get rid of the pig weed in C-1. Put the long reach stick on the District's excavator and mowed the weeds. The sheep went along Threemile Slough, weeds are still high, will need to take the District's chopper and go through to chop the stems left behind from the sheep.

18. ADJOURN:

The next regular meeting of the Board of Trustees will be called to order August 17, 2021, at 9:00 am, the regular meeting was adjourned at 11:17 am.



 Presiding Trustee of the Regular Meeting July 20, 2021, certified the above minutes.



 Secretary