The meeting of the Board of Directors of the Turlock Irrigation District was called to order at 9:00 a.m. in regular session on the 21st day of May 2019. Present were: Directors Rob Santos (Vice-President), Michael Frantz (Secretary), Joe Alamo and Ron Macedo, and Executive Secretary to the Board Tami Wallenburg. Absent were: Director Charles Fernandes and General Manager Casey Hashimoto.

SALUTE TO THE FLAG

MOTION APPROVING CONSENT CALENDAR

Moved by Director Frantz, seconded by Director Macedo, that the consent calendar consisting of the following be approved:

A. Minutes of the regular meeting of May 14, 2019.
B. Demands against the District represented by check numbers 383684 to 383914, inclusive, in the amount of $9,914,977.87.

All voted in favor with none opposed (Director Fernandes was absent). The Vice-President declared the motion carried.

PUBLIC COMMENT PERIOD

There was none.

PUBLIC HEARING

INCLUSION INTO ID NO. 00520
KNOWN AS THE DELHI STATE LAND SETTLEMENT

A public hearing was opened at 9:02 a.m. to receive comments from the public regarding the proposed inclusion into ID No. 00520, known as the Delhi State Land Settlement. Hearing no comments from the public, the hearing was closed at 9:03 a.m. and the following action was taken:
RESOLUTION NO. 2019 - 26

RESOLUTION OF FINAL ORDER OF THE BOARD OF DIRECTORS OF THE TURLOCK IRRIGATION DISTRICT APPROVING INCLUSION OF ADDITIONAL LAND INTO IMPROVEMENT DISTRICT NO. 00520, KNOWN AS DELHI STATE LAND SETTLEMENT

WHEREAS, the Board of Directors of the Turlock Irrigation District on May 21, 2019 at 9:00 a.m., held a public hearing on the petition for inclusion of additional land into Improvement District No. 00520, known as Delhi State Land Settlement, under the provisions of Part 7, Division 11, of the California Water Code.

Based upon the evidence presented at the public hearing, the Board finds:

1. All of the landowners of the parcel described in attached Exhibit A to be included have signed a petition for inclusion and have properly filed the petition with the Board. The petition is incorporated herein by reference.

2. The District's Water Resources Administration, in accordance with a Board resolution, has properly prepared a Report of Survey of the proposed inclusion, an Estimate of the Cost of the Inclusion, and the Statement of Proposed Charge for inclusion into the improvement district.

3. Proper and timely notice of the public hearing was given in accordance with California Water Code Section 23646 and/or the California Constitution.

4. The land, which the Board finds should be included, is described in the attached Exhibit A and incorporated herein by reference.

5. The land to be included within the improvement district will be benefited by the improvement district facilities.

6. Fifteen Thousand, Four Hundred Ninety-Four and 38/100 dollars ($15,494.38) is a just charge, which the landowner must pay as a prerequisite for the land being included into the improvement district, and that land title holder will deposit that amount of money with the Executive Secretary of the Board for payment of that charge before recordation of the Final Order.

7. The Board tabulated the ballots submitted and determined no majority protest exists.

8. The landowners have agreed to pay all future assessments levied upon the land by the Turlock Irrigation District for the maintenance and operation of the improvement district.

9. It will be in the best interests of the Turlock Irrigation District and the improvement district to allow the land described in Exhibit A to be included in the improvement district.

NOW, THEREFORE BE IT HEREBY ORDERED AND DECREED by the Board of Directors of the Turlock Irrigation District that the petition for the inclusion of additional land into Improvement District No. 00520 is hereby approved, and that the lands described in Exhibit A is hereby included within the improvement district.

Moved by Director Frantz, seconded by Director Macedo, that the foregoing resolution be adopted.
Upon roll call the following vote was had:

Ayes:    Directors Frantz, Alamo, Macedo, Santos
Noes:    Directors - None
Absent:  Director Fernandes

The Vice-President declared the resolution adopted.

WEEKLY UPDATE

Line Division Manager Denver Hodges presented the report for the Electrical Engineering and Line Department for the month of April. The SAIDI (System Average Interruption Duration Index) year-to-date figure is 12. (SAIDI totals the duration of each outage then divides it by the customer base, and is considered a commonly used formula in the industry). The monthly average for customers without power was 4.8 minutes. Major outage contributors in April show third-party at 71 percent, equipment failure at 12 percent, unknown causes at 5 percent, and interference at 11 percent. A car/pole incident affected 433 customers after a delivery truck hit a power pole. Electrical Engineering Design received 58 customer job requests with 36 requests sent to the Line Department for completion. Construction lead time for contracted crews was one week for customer jobs. The crew structure remains at one 2-person crew, three 5-person crews, one 6-person crew and one 4-person contract crew.

Energy Trader Wes Kellison reviewed operations for the month of April. The daily system peak, including partial required sales, reached 465 megawatts on April 25. The load was met with TID hydro, thermal generation, wind exchange, short and long-term firm, renewables and spot purchases. The Tuolumne Wind Project (TWP) generated 39,887 MWh’s during the month of April at the Willis Substation, averaging at 41 percent of capacity. Natural gas prices at Pacific Gas & Electric Company’s Citygate averaged out at $3.23/mmBTU. Mr. Kellison also reviewed Powerdex pricing for the month of April using the hour-ahead market index and CAISO’s day-ahead and hour-ahead market selling prices. Electric operations for this period show all of Walnut Energy Center was offline due to a scheduled spring outage; Almond was online the entire month for operations and economics; Don Pedro Unit 1 was out of service through May 7, Unit 2 was out of service for inspection March 27-28 and May 14, Unit 2 and 3 ran to meet river requirements and irrigation demand, and Unit 4 remains out of service until further notice.

Utility Analyst-Hydrology Olivia Cramer reported on current water conditions and forecast. Accumulated precipitation measured at the three mountain stations in the Tuolumne River watershed from September 1, 2018 to present total 42.9 inches, or 122.7 percent of normal to date. San Francisco reservoirs contain 497,813 acre-feet and the Water Bank is at 640,951 acre-feet of credit. The 7-day average for CCSF releases is 8,807 cfs with diversions averaging 376 cfs. Don Pedro contains 1,831,901 acre-feet with average combined releases at 7,784 cubic feet per second. Ms. Cramer noted that since yesterday, releases have been decreased by 500 cfs, and staff plans to continue decreasing releases through the weekend dependent on the forecast. Computed natural flow is averaging 10,432 cfs for this period, with computed natural flow to date at 126.8 percent of average. Turlock Lake contains 25,687 acre-feet of water. The updated weekly watershed report shows Don Pedro has increased approximately 2-feet since this time last week, but is 6.5 feet lower in elevation when compared to this time last year.
Water Distribution Department Manager Mike Kavarian reviewed irrigation activity for the period of May 13-19. Water orders taken during this period totaled 971 with an additional 50 orders received the previous day. Of the 971 orders received, 58.4 percent utilized flood irrigation, 31.9 percent micro-drip irrigation and 9.2 percent solid set (Rainbird-type sprinklers). Flows ranged between 1,145 to 575 cfs. Daily releases from Turlock Lake averaged 879 cfs, or 97 cfs below projections. Mr. Kavarian noted that the City of Turlock ran a lot of water through their pumps due to the unexpected precipitation so spills in the lower laterals have been increasing due to the storm runoff. Director Alamo asked if the spill numbers could be broken into different categories such as when it is caused by an act of nature and Mr. Kavarian said he would work on breaking those figures apart in future presentations. A customer asked if the city keeps track of how much water they dump into District canals and Mr. Kavarian responded stating the city does not keep track but there are measuring points District staff can use to determine those measurements. He also reported on two separate incidents of vehicles ending up in the canal system.

MOTION CANCELING THE TURLOCK IRRIGATION DISTRICT
REGULAR BOARD MEETING OF MAY 28, 2019

Moved by Director Macedo, seconded by Director Frantz, that the regular meeting of the Board of Directors of the Turlock Irrigation District scheduled for May 28, 2019, be canceled.

The Vice-President declared the motion carried.

RESOLUTION NO. 2019 - 27

RESOLUTION DELEGATING AUTHORITY TO APPROVE PAYMENT OF TURLOCK IRRIGATION DISTRICT WARRANTS FROM MAY 22 THROUGH MAY 28, 2019

WHEREAS, because the Board of Directors will not hold its regular meeting on May 28, 2019; and

WHEREAS, Water Code Section 24600 states “No claim shall be paid by the treasurer until allowed by the board, and only upon a warrant signed by the president and countersigned by the secretary”; and

WHEREAS, it is in the best interests of the District that the District pay vendors in a timely manner.

NOW, THEREFORE BE IT HEREBY RESOLVED by the Board of Directors of the Turlock Irrigation District as follows:

1. For the period of May 22 through May 28, 2019 only, the Board of Directors delegates to the President and Vice President of the District’s Board of Directors and either of them, the authority to approve claims under Water Code Section 24600 for payment.
2. At the Board of Directors’ regular meeting on June 4, 2019, the Treasurer or the Accounting Department Manager shall report to the Board all claims paid during that period pursuant to this resolution.

Moved by Director Frantz, seconded by Director Alamo, that the foregoing resolution be adopted.

Upon roll call the following vote was had:

Ayes: Directors Frantz, Alamo, Macedo, Santos
Noes: Directors - None
Absent: Director Fernandes

The Vice-President declared the resolution adopted.

WATER RESOURCES ADMINISTRATION REPORT

Assistant General Manager Water Resources Tou Her presented an overview of groundwater statistics within the Districts Subbasin. Groundwater is utilized by many public agencies and private individuals primarily used for agricultural, municipal and industrial use. Within the Turlock Subbasin, TID and Merced ID are the only agencies with access to surface water with TID utilizing groundwater with surface water conjunctively by maximizing use of surface water during normal and wet years (provides groundwater recharge) and then supplement surface water deliveries with groundwater during dry years. The Turlock Subbasin is made up of two groundwater sustainability agencies (GSA), the East Turlock and West Turlock GSAs. Mr. Her then reviewed changes in groundwater elevations since 1960 compared to 2010. Since 1992, there have been numerous legislative actions to encourage coordination at the local level for groundwater management. The Turlock Groundwater Basin Agency was formed and basin-wide groundwater management plan was developed and updated over time. In 2009, SBX7-7 and AB 1152 were passed which established the California Statewide Groundwater Elevation Monitoring. In 2011, AB 359 required local agencies to identify recharge areas within the groundwater management plan and in 2014 the Sustainable Groundwater Management Act (SGMA) was passed. The SGMA required local agencies to develop plans and implement strategies to sustainably manage ground water resources. The District has implemented several groundwater management activities including supplying replenishment water to growers east of Trulock, water quality monitoring for both surface and groundwater supplies, development of a groundwater model, partnership with Eastside Water District in piloting recharge basin projects as well as partnering with the SRWA on a regional drinking water supply project. The District also maintains over 200 shallow groundwater monitoring wells through the service area and monitors an additional 54 drainage and private wells. Data is utilized to understand overall groundwater levels and inform TID pump rental operations. He then reviewed the District’s mission to provide reliable and competitively priced water and electric service while being good stewards of our resources. Board members were asked how often they would like to be updated on groundwater and they stated they would like to be updated on any critical changes or movement that needs to be addressed so they have accurate and up-to-date information available for customers. Director Alamo also reminded the board that current groundwater information is available on the GSA website https://turlockgroundwater.org/.
BUSINESS OF THE BOARD

There was no new business of the board.

MOTION TO ADJOURN

Moved by Director Macedo, seconded by Director Alamo, that the regular meeting of the Board of Directors be adjourned.

All voted in favor with none opposed (Director Fernandes was absent). The Vice-President declared the motion carried.

Tami Wallenburg
Executive Secretary to the Board of Directors