MINUTES OF THE  
BOARD OF DIRECTORS MEETING  
OF THE TURLOCK IRRIGATION DISTRICT

Turlock, California  
9 October 2018

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 9th day of October 2018. Present were: Directors Charles Fernandes (President), Rob Santos (Vice-President), Michael Frantz (Secretary), Joe Alamo and Ron Macedo, General Manager Casey Hashimoto and Executive Secretary to the Board Tami Wallenburg.

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 October 9, 2018.
B. Demands against the District represented by check numbers 377691 to 377874, inclusive, in the amount of $5,854,516.89.

All voted in favor with none opposed. The President declared the motion carried.

PUBLIC COMMENT PERIOD

There was none.

WEEKLY UPDATES

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 0.78 inches, or 71 percent of normal to date. (Precipitation data is reset every year on September 1 and the water year figures are reset every year on October 1). San Francisco reservoirs contain 530,377 acre-feet and the Water Bank is at 570,000 acre-feet of credit. Don Pedro contains 1,495,676 acre-feet. Computed natural flow is averaging 222 cfs. Average combined releases are at 1,031 cubic feet per second with 697 cfs to Turlock Irrigation District, 123 cfs to Modesto Irrigation District, and the remaining 211 cfs to the Tuolumne River. Turlock Lake contains 30,284 acre-feet of water.

Chief Hydrologist Wes Monier and Utility Analyst-Hydrology Olivia Cramer then presented information on the NASA Airborne Snow Observatory (ASO) program used by the District. The purpose of the program is to measure snow depth and albedo, gather data in remote and high-elevation areas, and to decrease uncertainty of snowpack values. In 2013, NASA ASO
began demonstration flights over the Tuolumne River Basin, Main Stem, during snow-melt season. In 2017 there was a transition from NASA research to an operational program, and in 2018, the Districts began contributing financially to a flight. Since the onset of the program in 2013, the program has made 48 flights using a Spectrometer (collects snow albedo information) and LIDAR (collects elevation values and snow depth). TID secured funding for six flights through an amendment to its Department of Water Resources F-CO Grant and look forward to an expansion and continuation of the program. The District is also working with various agencies to lobby for a state-funded program. Board members asked several questions on how the program will change the way staff determines short and long term planning in the watershed, flood control and drought projections, as well as real-time forecasts and modeling for future events.

Water Distribution Department Manager Mike Kavarian provided a summary of irrigation activity for the period of October 1-7. Orders received during this period totaled 899, with an additional 200 orders the previous day. Flows ranging between 790 and 435 cfs. Turlock Lake releases averaged 631 cfs, or 182 cfs below projection. Staff is preparing the system for final irrigations with the last day to place orders on October 28. He also reported on one incident the previous weekend which resulted in a washout on the bank of the Ceres Main. Crews began repair work on Saturday morning.

RESOLUTION NO. 2018 - 45
RESOLUTION APPROVING ABANDONMENT FROM IMPROVEMENT DISTRICT

WHEREAS, the holders of title to land named in attached Exhibit A desires to abandon their rights in one improvement district within the Turlock Irrigation District and has signed the Agreement to Abandon Use of Improvement District Facility, which agreement is incorporated into this resolution by reference.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Turlock Irrigation District, acting as trustees for the improvement district named in attached Exhibit A, do hereby approve the Agreement to Abandon Use of Improvement District Facility signed by the holders of title to land.

BE IT FURTHER RESOLVED that the Executive Secretary or Deputy Secretary of the Board of Directors is authorized and directed to sign the agreement on behalf of the District and to record said agreement with the appropriate County Recorder.

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

Upon roll call the following vote was had:

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

The President declared the resolution adopted.
RESOLUTION NO. 2018 - 46

RESOLUTION AUTHORIZING SURVEY AND PREPARATION OF CHARGES FOR PROPOSED ASSESSMENT OF PROPOSED INCLUSION INTO IMPROVEMENT DISTRICT NO. 00520, KNOWN AS THE DELHI STATE LAND SETTLEMENT

WHEREAS, a petition for the inclusion of additional land into Improvement District No. 00520, having been received by the Board of Directors of the Turlock Irrigation District, which petition was properly filed and signed by all the owners of the additional land in accordance with California Water Code Section 23875-23876.

NOW, THEREFORE BE IT HEREBY ORDERED that the Turlock Irrigation District's Water Resources Administration make a survey of the proposed inclusion. If, upon completion of such survey, the Water Resources Administration finds that the proposed inclusion is feasible, the Water Resources Administration is further ordered to prepare a statement of the proposed charge for such inclusion according to the benefits that will accrue to each parcel of land proposed to be included into the improvement district.

IT IS FURTHER ORDERED that any survey and statement of proposed charge prepared pursuant to this resolution be filed with the Executive Secretary of the Turlock Irrigation District and said documents shall be subject to the inspection of all interested parties.

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

Upon roll call the following vote was had:

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

The President declared the resolution adopted.

MOTION CANCELING THE TURLOCK IRRIGATION DISTRICT REGULAR BOARD MEETING OF OCTOBER 16, 2018

Moved by Director Macedo, seconded by Director Santos, that the regular meeting of the Board of Directors of the Turlock Irrigation District scheduled for October 16, 2018, be canceled.

All voted in favor with none opposed. The President declared the motion carried.

RESOLUTION NO. 2018 - 47

RESOLUTION DELEGATING AUTHORITY TO APPROVE PAYMENT OF TURLOCK IRRIGATION DISTRICT WARRANTS FROM OCTOBER 10 THROUGH OCTOBER 16, 2018
WHEREAS, because the Board of Directors will not hold its regular meeting on October 16, 2018; 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 October 10 through October 16, 2018 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 October 23, 2018, 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 Macedo, seconded by Director Santos, that the foregoing resolution be adopted.

Upon roll call the following vote was had:

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

The President declared the resolution adopted.

WATER RESOURCES ADMINISTRATION REPORT

Interim Construction and Maintenance Department Manager Chris Hardin presented an update on work performed along the canal system and future winter projects. Crews stayed busy throughout the summer with numerous jobs including 327 pipeline projects, 180 District-owned pump maintained, 168 Rubicon’s rotated to other locations, 95 canal chaining jobs and 6 miles of ditch banks re-established among other work. Winter work is currently being scheduled and will include gunite application to several laterals, patching leaks/cracks along 250 miles of canal, grading of 500 miles of canal bank as well as spraying pre-emergent. Staff will also automate three drops at the heads of CD1, L5 and L5.5 and will include demo of the existing facility, rebuild and installation of Rubicon gates. Crews will continue ongoing maintenance of 1,600 gates. This winter, crews are also scheduled to resurface 5,737 feet of canal starting November 1st with brushing and washing Upper Lateral 4 with gunite work beginning on November 13. The cleaning crew pushes every foot of concrete lined canals with a Bobcat, and scoops sediment with an excavator (sediment restricts flow and creates an environment for aquatic growth). Mr. Hardin also
wished to thank the Board for the opportunity to serve as the District’s current interim Construction and Maintenance Manager over the past few months as the regular manager would be returning in the next few weeks. The Board thanked Mr. Hardin for his work and for the excellent presentations.

GENERAL MANAGER’S REPORT

General Manager Casey Hashimoto reported on a recent trip to Washington D.C. with representatives from Modesto Irrigation District and City and County of San Francisco to discuss issues impacting the Districts including the relicensing of Don Pedro. Staff met with several key legislators including Senator Feinstein who has written several letters on the Districts behalf regarding Tuolumne River issues.

BUSINESS OF THE BOARD

Board President Charles Fernandes reported on the APPA Leadership conference he attended recently in Orlando.

MOTION TO ADJOURN TO CLOSED SESSION

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

1. Conference with Legal Counsel – Anticipated Litigation
   California Government Code Section 54956.9(d)
   Anticipated litigation: one potential case
   - Michael Clipper, Risk & Investment Analyst
   - Sara Lima, Assistant General Counsel

2. Conference with Legal Counsel – Anticipated Litigation
   California Government Code Section 54956.9(d)
   Anticipated litigation: one potential case
   - Art Godwin, Legal Counsel

All voted in favor with none opposed. The President declared the motion carried.

REPORT OF ANY ACTION TAKEN IN CLOSED SESSION

The President reported the following action was taken in closed session:

Moved by Director Alamo, seconded by Director Santos, that the claim of Rocky Tavernier be approved in the requested amount of $3,692.71. All voted in favor with none opposed.

Director Santos left the meeting.

CAPITAL BUDGET WORKSHOP

CFO/AGM Brian Stubbert presented an overview of the proposed 2019 capital budget including the Commercial Paper (CP) Program. The District and Walnut Energy Center (WECA) have refunding options in October 2019 and an opportunity to time CP conversion to long term
debt with a refunding of Economics of Scale as reimbursements typically lags more than six months behind. He also reviewed the District’s 5-Year Financial Plan covering Revenue financed and Bond financed. Next steps include assessing the 2019 Capital and Operations and Maintenance budgets using current limits and staff will continue to work with PFM (Public Financial Management advisors) regarding comprehensive long range planning. Staff will hold another board workshop in early 2019 to obtain direction from the Board based on analysis and recommendations prior to the 2020 budget with periodic progress reports throughout the year.

MOTION TO ADJOURN

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

All voted in favor with none opposed. The President declared the motion carried.

Tami Wallenburg
Executive Secretary to the Board of Directors