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

Turlock, California
3 July 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 3rd day of July 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 Alamo, seconded by Director Santos, that the consent calendar consisting of the following be approved:

A. Minutes of the regular meeting of June 26, 2018.
B. Demands against the District represented by check numbers 374978 to 375196, inclusive, in the amount of $9,623,716.56.

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

PUBLIC COMMENT PERIOD

There was none.

Director Alamo left the board room due to a conflict of interest on the following proposed action item.

PUBLIC HEARING – INCLUSION INTO ID NO. 12430 KNOWN AS THE GRAVELLE-GOMES

A public hearing was opened at 9:02 a.m. to receive comments from the public regarding the proposed inclusion into ID No. 12430, known as the Gravelle-Gomes. Director Frantz questioned if any objections were received from other members of the improvement district and Water Distribution Department Manager Mike Kavarian stated there were none. Hearing no further comments, the hearing was closed at 9:03 a.m. and the following action was taken:
RESOLUTION NO. 2018 - 27

RESOLUTION OF FINAL ORDER OF THE BOARD OF DIRECTORS OF THE
TURLOCK IRRIGATION DISTRICT APPROVING INCLUSION OF ADDITIONAL
LAND INTO IMPROVEMENT DISTRICT NO. 12430,
KNOWN AS THE GRAVELLE-GOMES

WHEREAS, the Board of Directors of the Turlock Irrigation District on July 3, 2018 at
9:00 a.m., held a public hearing on the petition for inclusion of additional land into Improvement
District No. 12430, known as the Gravelle-Gomes, 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. Two Thousand, Three Hundred Forty-Three and 66/100 dollars ($2,343.66) 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. 12430 is hereby approved, and that the lands described in Exhibit A is
hereby included within the improvement district.

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

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

The President declared the resolution adopted.

Director Alamo returned to the meeting.

WEEKLY UPDATES

Utility Analyst/Hydrologist Jason Carkeet introduced new employee, Olivia Cramer, Utility Analyst/Hydrologist, who joined the District on July 2. Ms. Cramer will be working with the District’s Chief Hydrologist Wes Monier and will also periodically present the weekly reports to the Board. Mr. Carkeet then reported on current water conditions and precipitation forecast. Accumulated precipitation measured at the three mountain stations in the Tuolumne River watershed from September 1, 2017 to present total 30.85 inches, or 86 percent of normal to date. Computed natural flow is averaging 2,560 cfs. San Francisco reservoirs contain 639,815 acre-feet. Don Pedro contains 1,841,495 acre-feet. Average combined releases are at 2,608 cubic feet per second with 1,735 cfs going to TID, 774 cfs to Modesto Irrigation District, and the remaining 100 cfs going to the Tuolumne River. Don Pedro Water Bank is at 581,857 acre-feet of credit and Turlock Lake contains 28,068 acre-feet of water.

Water Distribution Department Manager Mike Kavarian reviewed a summary of irrigation activity for the month of June. Turlock Lake releases through June totaled 82,612 acre-feet (af), or 12,612 above projections. Water orders taken during the month totaled 10,114, with 2,638 coming in the previous week. Activity for the period of June 25 – July 1 show flows ranged between 1,720 to 1,445 cfs. Daily releases from Turlock Lake averaged 1,445 acre-feet, or 269 af above projections. Mr. Kavarian also reported that pumping increased on several laterals within the District, and the spill rate shows approximately 8,100 af of water was released in June, a nine percent increase when compared to last year. He noted a couple of canal overtopping issues which occurred on Lateral 8 on June 28, and a second incident between Laterals 5 and 6 on July 2, both with minimal damage. Mr. Kavarian reported that approximately 3,600 letters will go out to irrigation customers regarding potential cost changes to their billing related to implementation of SBX7-7. Of those, over 2,900 will see increases of less than $100, some over $100, and the remaining with no change in irrigation costs. Customers with no changes will not receive letters though projected costs will be covered in the water user newsletter which goes out in November. He asked board members to direct questions they may receive from customers to himself or Supervising Civil Engineering Technician Wes Miller.

RESOLUTION NO. 2018 - 28

RESOLUTION APPROVING THE WESTLEY/WALNUT/PARKER 230 KV TRANSMISSION LINE PAINTING PROJECT DEVELOPMENT AND MAINTENANCE AGREEMENT
WHEREAS, the steel poles supporting the 230 kV transmission lines connecting Westley, Parker, and Walnut have significant corrosion and need to be sandblasted and painted; and

WHEREAS, some of these poles are jointly owned by Modesto Irrigation District (‘MID’) and Turlock Irrigation District (‘TID’) and some of these poles are solely owned by each District; and

WHEREAS, the Districts have developed a process and technical specification for sandblasting and painting these poles and are ready to request bids for this work; and

WHEREAS, the Districts have developed an agreement for co-project management and cost sharing of this painting project.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Turlock Irrigation District that the Westley/Walnut/Parker 230 kV Transmission Line Painting Project Development and Maintenance Agreement is hereby approved, and the Assistant General Manager of Electrical Engineering and Operations is authorized to execute this agreement of behalf of TID.

Moved by Director Macedo, seconded by Director Frantz, 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.

GENERAL MANAGER’S REPORT

General Manager Casey Hashimoto had no items to report.

BUSINESS OF THE BOARD

There was none.

CRITICAL INFRASTRUCTURE PROTECTION WORKSHOP

Water and Energy Management System Supervisor Dave Arounsack, Control System Cybersecurity Analyst Mike Cole, and Control System Cybersecurity Analyst Dan Lourenco presented an overview of the NERC Critical Infrastructure Protection (CIP) Program at the District. TID is one of eight Balancing Authorities in California with the California ISO covering the majority of the state. Functions registered with the North American Electric Reliability Corporation (NERC) include Balancing Authority, Transmission Operator/Owner, Generator Operator/Owner and Distribution Provider. Enforceable NERC Reliability Standards total 100 with requirements totaling 549, and an additional 1,100 sub-requirements/parts. TID falls under the Western Area Coordinating Council (WECC) and they conduct regular audits with approximately 20 auditor’s onsite. They review several areas including Operation and Planning.
Standards with the main focus on CIP Standards. The 2017 WECC audit of the District, as well as past audits, resulted in no findings or violations with Mr. Arounsack emphasizing “most entities do not have TID’s successful track record and the District definitely stands out.” They also reviewed several enforcement and penalty actions against other entities with the highest fine at $2.7 million against one energy firm due to a data security incident that resulted in the exposure of more than 30,000 records including critical cyber assets, IP addresses, and server hosts name which were then made available online (a clear violation of NERC Standards) for 70 days. The system management team then reviewed the District’s CIP program which includes monthly, quarterly and annual personnel and system tasks looking for vulnerabilities, verifying system backups, security patches and employee awareness training among many other tasks.

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. The President declared the motion carried.

Tami Wallenburg
Executive Secretary to the Board of Directors