

NEVADA IRRIGATION DISTRICT

BOARD OF DIRECTORS

MINUTES

April 11, 2023

The Board of Directors of the Nevada Irrigation District convened in special session at the District's main office located at 1036 W. Main Street, Grass Valley, on the 11th day of April 2023, at 4 p.m.

Present were Karen Hull, President (Division III) and Rich Johansen, Vice President (Division V), and Directors Chris Bierwagen, (Division II); and Trevor Caulder (Division IV).

Director Ricki Heck (Division I) was absent.

Staff members present included Jennifer Hanson, General Manager; Greg Jones, Assistant General Manager; Doug Roderick, Director of Engineering; Chip Close, Director of Water Operations; Keane Sommers, Director of Power Systems; Steve Prosser, Director of Maintenance; Sandra Dunlap, Director of Finance; Monica Reyes, Director of Recreation; Naomi Schmitt, Director of Human Resources; Dustin Cooper, District Counsel; Joanne Phillips, Engineering Management Assistant, and Katie Kemp, Office Assistant II.

**STANDING ORDERS**

- Call to Order: President Hull called the meeting to order
- President Hull led the Pledge of Allegiance
- Roll Call: 4 Members Present and 1 Member Absent

**WORKSHOP ITEMS**

**PLAN FOR WATER MATRIX AND PROCESS CHECK-IN**

Jennifer Hanson, General Manager, provided a process check-in.

Board discussion ensued regarding the smaller stakeholder group, who has reviewed today's topic for input, and receiving feedback while going through the process.

Public Comment:

- Ricki Heck, attending as a member of the public, requested the audio be louder for those attending remotely

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PLAN FOR WATER WORKSHOP - STAGE 7, 8, AND 9: HYDROLOGY AND HYDROGRAPHY HEC-HMS DEVELOPMENT

Doug Roderick, Director of Engineering, introduced Jeff Harris, with West Consultants, who provided a presentation on the following:

- HEC-HMS (Hydrologic Engineering Center-Hydrologic Modeling System)  
Description
- Model Calibration
  - o Snow
  - o Runoff
  - o Validation
- Application

Board Discussion ensued regarding drought, dry soil, humidity, groundwater recharge, baseflow, data collection and validating data, data sets,

Public Comment:

- Beth Lawson, California Department of Fish and Wildlife, requested data shared with stakeholders be shared in dss format
- Ottis Wollan, resident of Colfax:
  - o Inquired how confident that model will accommodate “hot drought” condition, as validated for the Sierra at UC Merced and if those teams use the same modeling software, and if the consultant has interacted with them
  - o Inquired if there are any conflicts with modeling approaches they have developed to recalibrate evaporation, transpiration, etc.
- Ricki Heck, attending as a member of the public, inquired how water years are defined
- Peter Burnes, member of the public, inquired about determining the balance based on the delta between data observed and data computed

Jennifer Hanson, General Manager, recognized a student, Bailey, observing and learning about all things agriculture, who also had the opportunity to spend time at Director Johansen’s farm.

MEETING ADJOURNED at 5:15 p.m., to reconvene in regular session on Wednesday, April 12, 2023, at 9:00 a.m. at the District’s Business Center located at 1036 West Main Street, Grass Valley, California.

Submitted By

Kris Stepanian, Board Secretary