MINUTES

REGULAR MEETING OF THE BOARD OF DIRECTORS

January 21, 2020

A regular meeting of the Board of Directors of the Yuba County Water Agency was held on the above date, commencing at 9:01 A.M. within the Yuba County Government Center, 915 8th Street, Marysville, California.

ROLL CALL

<table>
<thead>
<tr>
<th>Directors</th>
<th>Present</th>
<th>Absent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Randy Fletcher (Chair)</td>
<td>☒</td>
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<tr>
<td>Brent Hastey (Vice Chair)</td>
<td>☐</td>
<td>☒</td>
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<tr>
<td>Gary Bradford</td>
<td>☒</td>
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<tr>
<td>Mike Leahy</td>
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<tr>
<td>Doug Lofton</td>
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<tr>
<td>Charlie Mathews</td>
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<tr>
<td>Andy Vasquez</td>
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Staff in Attendance
Curt Aikens, General Manager
Willie Whittlesey, Assistant General Manager
Terri Daly, Administrative Manager
Scott Matyac, Water Resources Manager
DeDe Cordell, Communications Manager
Avi Sandher, Compliance Manager
Kurtis Crawford, Finance Manager
Jack Winship, Accounting Supervisor
Alex Boesch, Public Information Specialist
Jackie Sillman, Community Impact Specialist
Jacob Vander Meulen, Environmental Compliance Officer
John James, Water Operations Project Manager

Ryan Bezzera, Agency Counsel.
PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Director Leahy

PUBLIC COMMENT
None

PUBLIC HEARING

1. Hearing to consider adoption of a Groundwater Sustainability Plan (GSP) under the Sustainable Groundwater Management Act. The Board was provided with information regarding the GSP at their Special Meeting of January 14, 2020.

The Chair opened the public hearing and at the conclusion of the public comment period, closed the public hearing.

Scott Matyac provided the Board with an overview of the GSP.

Public Comment:
Al Lassaga shared his support of the GSP on behalf of the GSP Committee.

Mike Filice shared his support of the GSP on behalf of the Yuba Groundwater Sustainability Committee.

Bill Simmons shared his support of the GSP on behalf representing the GSA for the City of Marysville and mentioned the City Council will be considering adoption on February 4th.

Keith Davis shared his support of the GSP on behalf of the Cordua Irrigation District and stated their engineers are comfortable with the Plan.

Curt Aikens expressed his gratitude to Scott Matyac and all parties who participated in the GSP effort. The GSP is two years ahead of schedule.

Director Lofton expressed his thanks to staff and the GSC for their tireless efforts to bring this plan forward.

The Board discussed the 75 foot trigger point threshold and opportunities for modifications to the plan in the future.

A motion was made by Director Lofton, seconded by Director Leahy, to adopt the GSP as presented.

Vote:
YES: Bradford, Fletcher, Leahy, Lofton, Vasquez
NO: Mathews
ABSENT: Hastey
APPROVAL OF CONSENT ITEMS

A motion was made by Director Vasquez, seconded by Director Lofton, to approve all Consent items shown on the agenda and duplicated below for reference purposes.

YES: Bradford, Fletcher, Leahy, Lofton, Mathews, Vasquez
ABSENT: Hastey


3. Consider approval of a grant for up to $100,000 to the City of Marysville Fire Department for a quick attack vehicle suitable for search, rescue, and patrol during flood conditions. This matter was recommended for approval by the Project Operations and Development Committee at their meeting of January 7, 2020.

4. Consider approval of a grant for up to $700,000 to the City of Wheatland for a Comprehensive Drinking Water Project to include water accounting/conservation and water storage improvements. This matter was recommended for approval by the Project Operations and Development Committee at their meeting of January 7, 2020.

5. Consider approval of a Bill Shaw grant for up to $10,000 to the Loma Rica/Browns Valley Community Services District (Fire Protection) for swift water rescue gear. This matter was recommended for approval by the Project Operations and Development Committee at their meeting of January 7, 2020.

6. Chair appointments to the following committees and associations: Project Operations and Development Committee; Administration, Budget, and Personnel Committee; Policy Review Committee; Communication Committee; Ellis Lake Ad Hoc Committee; History of the Agency Ad Hoc Committee; and the Water Supply & Member Units Committee; Northern California Water Association (NCWA); Mountain Counties Water Resources Association (MCWRA); and Past President of the Association of County Water Agencies (ACWA).

7. Consider adoption of Resolution 2020-01 declaring two Agency vehicles as surplus to the needs of the Agency and authorizing the General Manager to dispose of the property.

8. Consider approving a General Fund budget increase of $45,000 to procure a replacement vehicle to serve as a fleet pool vehicle for the Agency's Marysville office.
DISCUSSION ITEMS


Jacob Vander Meulen, Environmental Compliance Officer, provided the Board with an overview of the item.

Curt Aikens expressed his appreciation for Jacob’s efforts in bringing this plan forward.

*A motion was made by Director Vasquez, seconded by Director Leahy, to approve this matter as presented.*

**Vote:**
- **YES:** Bradford, Fletcher, Leahy, Lofton, Mathews, Vasquez
- **ABSENT:** Hastey

10. Receive a briefing from staff on the New Bullards Bar secondary spillway physical model constructed by the Utah Water Research Laboratory at Utah State University.

John James provided the Board with an overview of the visit to the Utah Water Research Laboratory and shared a short video of the spillway model in action.

*No formal action taken.*

11. Receive a presentation and consider entering into an agreement with the Association of California Water Agencies Joint Powers Insurance Authority (ACWA/JPIA) Commitment to Excellence best practices program for implementing effective preventive measures that work to achieve loss reductions.

Avi Sandher provided the Board with an overview of the item.

*No formal action was initially taken. Upon conclusion of item 12, and at the recommendation of Counsel, the Chair recalled item 11 to entertain a vote to affect the formal consideration of this matter.*

*A motion was made by Director Lofton, seconded by Director Bradford to approve this matter as presented.*

**Vote:**
- **YES:** Bradford, Fletcher, Leahy, Lofton, Mathews, Vasquez
- **ABSENT:** Hastey
12. Receive information on proposed updates to the Yuba Water Agency Strategic Plan. At this time, the proposed updates are intended for information sharing purposes only.

Terri Daly led the discussion regarding proposed changes to the Strategic Plan. Informed the Board of the plan to bring a Grants Policy to the Board at their regular meeting of February 4th, followed by a Board retreat in late February for an in-depth review the Strategic Plan. Thereafter the Board would consider approval of updates to the Strategic Plan.

Director Bradford commended staff on the proposed inclusion of security and cybersecurity in particular.

Director Vasquez thanked staff for their efforts.

Curt Aikens thanked Terri Daly for her efforts.

Willie Whittlesey thanked Terri Daly and provided the Board with and mentioned how the Plan has aided the Agency in their recent growth.

No formal action taken.
MANAGER’S REPORT

Project Operations: The project continues to operate within compliance.

Start Date: 00:00 01/20/2020 Printed on: 01/21/2020
End Date: 00:00 01/21/2020

Storage data are instantaneous values at the end of the period; flow data are average values for the period.

<table>
<thead>
<tr>
<th>New Bullards Bar Reservoir</th>
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<tbody>
<tr>
<td>Elevation (Ft):</td>
<td>1,874.06</td>
<td></td>
</tr>
<tr>
<td>Storage (AF):</td>
<td>622,919</td>
<td></td>
</tr>
<tr>
<td>% Total Capacity:</td>
<td>64</td>
<td></td>
</tr>
<tr>
<td>% Usable Capacity:</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>Flood Space Req'd (AF):</td>
<td>170,000</td>
<td>Critical Storage Line (AF): 0</td>
</tr>
<tr>
<td>Flood Space Avail (AF):</td>
<td>343,184</td>
<td>Target Storage Line (AF): 0</td>
</tr>
<tr>
<td>Excess Flood Space (AF):</td>
<td>173,184</td>
<td></td>
</tr>
</tbody>
</table>

Englebright Reservoir

Englebright Outflow: 1,354
Narrows 1 Gen\Bypass Flow: 0
Narrows 2 Gen\Bypass Flow: 1,186
Spill: 0

<table>
<thead>
<tr>
<th>Stream Flows</th>
<th></th>
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<tbody>
<tr>
<td>Marysville:</td>
<td>1,078</td>
</tr>
<tr>
<td>North Irrig. Diversion:</td>
<td>107</td>
</tr>
<tr>
<td>South Irrig. Total Flow:</td>
<td>55</td>
</tr>
<tr>
<td>Total Diversion:</td>
<td>162</td>
</tr>
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NERC / WECC: The Agency continues to operate in compliance with NERC/WECC Electricity Reliability Standards established for the bulk electric system.

Dispersive Technology: YWA was a pioneer in moving from twisted pair copper wire communications to Dispersive Technology to improve communication reliability of our powerhouses to the California ISO. The Dispersive Technology has reliability issue and is no longer an authorized communications vendor for the CAISO. All Dispersive customers, including Yuba Water, will migrate to a different communication path by February 1st. Yuba Water has this migration scheduled for January 28th.

Generator Availability Quarter 4, 2019 – NERC GADS (Generator Availability Data System): Availability for the Colgate 1, Colgate 2 and Narrows 2 was 70.57%, 70.79% and 90.60% respectively for Quarter 4 of 2019. Colgate 1 and Colgate 2 availability was low during this period due to annual scheduled maintenance. All three units remain at a high availability for the rolling 12-month average, 88.89% compared to the 2017 NERC availability of 82.94% for large hydro.
<table>
<thead>
<tr>
<th>Availability Quarter 4 2019</th>
<th>Availability Factor</th>
<th>Scheduled Outage Factor</th>
<th>Forced Outage Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colgate 1</td>
<td>70.57%</td>
<td>27.42%</td>
<td>2.01%</td>
</tr>
<tr>
<td>Colgate 2</td>
<td>70.79%</td>
<td>26.05%</td>
<td>3.16%</td>
</tr>
<tr>
<td>Narrows 2</td>
<td>90.60%</td>
<td>1.81%</td>
<td>7.59%</td>
</tr>
<tr>
<td><strong>Unweighted Average</strong></td>
<td>77.32%</td>
<td>18.43%</td>
<td>4.25%</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Availability Jan 1, 2019 - Dec 31, 2019</th>
<th>Availability Factor</th>
<th>Scheduled Outage Factor</th>
<th>Forced Outage Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colgate 1</td>
<td>86.46%</td>
<td>12.89%</td>
<td>0.65%</td>
</tr>
<tr>
<td>Colgate 2</td>
<td>91.73%</td>
<td>6.72%</td>
<td>1.55%</td>
</tr>
<tr>
<td>Narrows 2</td>
<td>88.48%</td>
<td>8.84%</td>
<td>2.68%</td>
</tr>
<tr>
<td><strong>Yuba Water Agency (3 Units)</strong></td>
<td>88.89%</td>
<td>9.48%</td>
<td>1.63%</td>
</tr>
<tr>
<td>NERC 2017 Large Hydro</td>
<td>82.94%</td>
<td>13.51%</td>
<td>3.55%</td>
</tr>
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**Yuba Water Agency Power Systems vs. NERC 2017 All Large Generators**

January 1, 2019 – December 31, 2019

**Agency data is for the period October 1, 2018 through September 30, 2019 and includes maintenance outages for all three Agency owned generating units. NERC data is for the full calendar year 2017, the latest published. All values presented are unweighted (megawatts).**
Recruitment: Applications are being accepted and screened for the Electrical Technician, Information Systems Network Analyst, Information Security Administrator, Administrative Assistant - Hydro Power Contracts and Senior Public Information Officer Positions. Interviews were held for the Utility Worker position on January 16th and 17th.

Organizational Assessment: MRG is wrapping up the Organizational Human Resources Assessment surveys evaluating functions and services from our Human Resources team. The survey will provide feedback, recommendations and areas to focus for the upcoming year. Also, as a result of the recommendations gathered from the Organizational Assessment, MRG will be conducting a three-day Management Training Workshop on February 11-13th for all managers and supervisors at Yuba Water.

Community Relations: Over the weekend, we sponsored the Wild and Scenic Film Festival. Friday night, after a session viewing several films about forest health and the connection to water, two of which we were featured heavily in, Willie participated on a panel discussion with many other experts in forest and watershed health. He represented us so well, that most of the questions after were directed toward us and the audience really shared their appreciation for our efforts leading the way on this important issue. Prior to the film session, Randy, Willie, DeDe and other staff members shared dinner with five of SYRCL’s staff members that we work closely with. Then on Sunday, Curt participated in a panel discussion on water in the age of climate change with several environmental groups and other water agency representatives. Once again most of the questions directed to the panel were responded to by Curt. I can’t overstate what a remarkable transformation has taken place in the last three years when it comes to our relationship with SYRCL and to see the great work we are doing together now is truly remarkable.

This weekend, we sponsored Chuck Smith’s play marking the 170th birthday of Marysville. Our flood mission video was shown at the beginning of the evening to a full house of about 120 people. Our logo was on the tickets and a banner in the theater.

Media Relations: In the last few weeks, we’ve been a lot in the local press for our changing of the guard with Randy taking over as chair, and in advance of the Wheatland water supply grant your board approved today, among other things. But, I want to point out one from last week in the daily clips DeDe sends out that you might not have noticed. The Hill is a Capitol Hill newspaper that has a reach of 17 million people. They ran a story last week called “An ounce of prevention: Australia and California could benefit from forest management.” Yuba Water Agency specifically, and our efforts with Blue Forest to increase the pace and scale of forest management projects in the watershed was called out as a positive example of a private/public partnership that is bringing solutions to the table.

Water Education: The water education program is really starting to take off. The curriculum work group has come up with a proposal for how we can best create multi-disciplinary curriculum that ties to our mission areas, and get it implemented in the schools as soon as next fall. That group is finalizing the proposal and will be running it through the advisory committee that we have and will be bringing that proposal to your board sometime in the next couple of months. Additionally, this week will mark the launch of the Science through Art education program that you approved a few months ago, with Yuba Sutter Arts. We have a handful of staff members that are actively
participating in that program, teaching Yuba County’s 2\textsuperscript{nd} graders about our watershed in a fun, interactive way. The program also reaches 3\textsuperscript{rd} graders, but with other people providing the curriculum.

**Voluntary Agreements:** There has been a flurry of VA meetings and work since the start of the new year. The focus has been on modeling, adequacy of the VAs and trying to get an understanding on where the State team is headed.

**Ellis Lake:** Water quality and sediment sampling are scheduled for this Thursday by HDR. The purpose of this sampling is to establish baseline conditions within the lake to drive an effective remediation project. Sampling will begin at the groundwater well site, located at the southeast end of the lake. Beymer Well will meet us there assist with the sampling. The balance of the day will be devoted to water and sediment samples taken directly from the lake. We will utilize a small boat to navigate the main lake and north lake. Work will likely end my 3pm to allow the team to promptly deliver the samples to their lab to begin analysis. The team may return Friday (1/24) morning to gather additional sediment samples, if needed. We should have a technical report describing their findings in about 2 weeks.

**Atmospheric River Webinar:** On January 30th from 11:30-1:00 Yuba Water Agency is planning to host a viewing of Scripps Webinar - “Predicting and Planning for Extreme Precipitation” hosted by Dr. Anna Wilson. Dr. Wilson is the lead Field Research Manager, Center for Western Weather and Water Extremes (CW3E) and Data Observation Lead for the Yuba Feather FIRO project. Her team is working closely with Yuba Water installing meteorological and hydrologic data collection in the watershed. In addition, an update on Yuba Feather FIRO progress and the current water year conditions will precede the viewing of the webinar.
DIRECTORS’ COMMENTS AND REPORTS

Director Bradford reported on the following:
Thanked the Board for the Wheatland Grant approved today.
Commented on his appreciation to staff on the GSP.

Director Mathews reported on the following:
Commented on his appreciation to staff on the GSP.
Attendance at BVID meetings.
Shared concerns

Director Lofton reported on the following:
Appreciated staff as a whole, in particular all contributions to today’s agenda.

Director Leahy reported on the following:
ACWA/JPIA Safety culture is important.

Director Fletcher reported on the following:
Appreciated the great team that is Yuba Water Agency.
Attendance at a dinner engagement last Friday and recognized Willie Whittlesey for his participation on the panel.

No report was received from Director Vasquez.

ADJOINED AT: 10:34 A.M

Minutes Approved: Randy Fletcher, Chair
Date signed: 2/18/2020

ATTEST: James Mitrisin
Clerk of the Board of Directors