

# **BIG BEAR AREA REGIONAL WASTEWATER AGENCY**

## **Regular Board Meeting Agenda**

August 25, 2021 at 5:00 p.m.

Due to Executive Order N-25-20 and N-29-20, there will be no physical location for members of the public to participate. Members of the public may listen and provide public comments telephonically during the Public Forum (Item 4).

The public may participate in this meeting by:

Joining the Zoom Meeting:

<https://us06web.zoom.us/j/85116179855?pwd=MlpvaUFwanRWdHpXSVpOS1R6K0t5Zz09>

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1. **CALL TO ORDER**
2. **PLEDGE OF ALLEGIANCE**
3. **APPROVAL OF AGENDA**
4. **PUBLIC FORUM**

Public testimony is permitted at this time only on consent calendar items and other matters not listed on the posted agenda that are within the subject matter jurisdiction of the Agency. State law prohibits the Agency from taking action on any items not listed on the posted agenda. Public comment on items listed on the posted agenda will be taken at the time each item is called for discussion.

Please note that the Governing Board is making efforts to follow the spirit and intent of the Brown Act and other applicable laws regulating the conduct of public meetings, in order to maximize transparency and public access. It would be appreciated if communications of public comments related to items on the agenda, or items not on the agenda, are emailed to [bburton@bbarwa.org](mailto:bburton@bbarwa.org) on or before Tuesday, August 24, 2021, at 5:00 p.m. Please include in the email's subject line "Public Comment Item # (insert the number relevant to your comment)" or "Public Comment Non-Agenda Item". If you wish to submit a public comment on more than one agenda item, please send a separate email for each item you are commenting on.

If it is not possible to submit an email by 5:00 p.m., and comments are submitted by email after that time or thru the Zoom chat feature during the meeting, every effort will be made to attempt to review emails and Zoom chats during the course of the meeting. The Chair will endeavor to take a brief pause before Governing Board action is taken on agenda items to allow the Board Secretary time to review the public's electronic communications. Every effort will be made during the meeting to read aloud all electronically submitted comments. Please note, all electronically submitted correspondence relating to this meeting will become part of the meeting record and will be cited within the meeting minutes. Please limit written comments to 300 words or less. In addition, prior to the close of public comment portions of the meeting, the Chair will provide the public an opportunity to verbally state their comment live via Zoom teleconference.

At meetings of the Governing Board, each individual speaker will be limited to five minutes or less of public testimony on each item on the agenda and three minutes or less on each item not on the agenda. In addition, public testimony on non-agenda items shall be limited to thirty minutes for all speakers. Further, the cumulative time which any individual may provide public testimony during a meeting is 15 minutes. The Chair of the Governing Board by majority vote may waive these time limitations. Whenever a group of persons wishes to address the Governing Board on the same item, the Chair or the Governing Board by majority vote may request a spokesperson be chosen for the group or limit the number of such persons addressing the Governing Board. The Chair or the Governing Board by majority vote may rule out of order testimony that is unduly repetitious or irrelevant.

**5. PRESENTATION AND INTRODUCTION**

- 5.A.** Brent Berg 15-year recognition
- 5.B.** Sonja Kawa 10-year recognition
- 5.C.** California Water Environmental Association Desert and Mountain Section 2020 Small Plant Safety Award
- 5.D.** California Water Environmental Association Desert and Mountain Section 2020 Plant of the Year Small Award (Less than 5 MGD)
- 5.E.** California Water Environmental Association 2020 Plant of the Year Small Award (Less than 5 MGD) Third Place
- 5.F.** Government Finance Officers Association of the United States and Canada (GFOA) Certificate of Achievement for Excellence in Financial Reporting for Fiscal Year Ended June 30, 2020

**6. INFORMATION/COMMITTEE REPORTS**

- 6.A.** General Manager's Report

**7. CONSENT CALENDAR**

All matters listed on the Consent Calendar will be enacted by one motion at the appropriate time. There will be no separate discussion of these items. If a detailed discussion is necessary, any Governing Board Member may request that an item be removed from the Consent Calendar and considered separately.

**7.A.** Approval of the Meeting Minutes from the May 26, 2021 Regular Meeting, June 16, 2021 Special Meeting Replenish Big Bear Workshop, and the June 23, 2021 Special Meeting Replenish Big Bear Workshop

**7.B.** Monthly Disbursements Report for May, June, and July - Informational

**7.C.** Investment Report Identifying Agency Investments and Reporting Interest Income for May, June, and July - Informational

**7.D.** Resolution No. R.09-2021, A Resolution of the Governing Board of the Big Bear Area Regional Wastewater Agency Adopting the Annual Statement of Investment Policy - Approve

**8. ITEMS REMOVED FROM CONSENT CALENDAR**

**9. OLD BUSINESS**

None

**10. CLOSED SESSION**

**10.A.** Conference with Legal Counsel – Anticipated Litigation  
Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Section 54956.9: (1)

**11. NEW BUSINESS – DISCUSSION/ACTION ITEMS**

**11.A.** Replenish Big Bear Funding Options

**11.B.** Appropriate \$43,650 for a New Rate Study Covering Current Rates, Rates Associated with Replenish Big Bear, Waste Hauler Fees, and Connection Fees

**11.C.** Replenish Big Bear Project Benefits, Memorandum of Understanding

**11.D.** Sale of BBARWA Renewable Energy Credits

**12. COMMENTS AND ANNOUNCEMENTS**

**12.A.** General Manager Comments

**12.B. Governing Board Member Comments**

**13. ADJOURNMENT**

In compliance with the Americans with Disabilities Act and Government Code Section 54954.2, if you need special assistance to participate in an Agency meeting or other services offered by the Agency, please contact the Agency at (909) 584-4018. **Please address requests under the ADA for reasonable modification and accommodation related to the implementation of Executive Order N-29-20 to Bridgette Burton.** Notification at least 48 hours prior to the meeting or time when services are needed will assist Agency staff in assuring that reasonable arrangements can be made to provide accessibility to the meeting or service.

Copies of staff reports or other written documentation relating to each item of business referred to on this agenda are on file in the office of the Big Bear Area Regional Wastewater Agency and are available for public inspection during normal business hours.

Visit [www.bbarwa.org](http://www.bbarwa.org) to view and/or print the Agenda Package.



Big Bear Area Regional  
Wastewater Agency  
*Jim Miller – Chair*  
*Rick Herrick – Vice-Chair*  
*Karyn Oxandaboure – Director*  
*John Green – Director*  
*Bynette Mote – Director*

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## AGENDA ITEM: 6.A.

**MEETING DATE:** August 25, 2021

**TO:** Governing Board of the Big Bear Area Regional Wastewater Agency

**FROM:** David Lawrence, P.E., General Manager

**REVIEWED BY:** Jennifer McCullar, Finance Manager; and John Shimmin, Plant Manager

**SUBJECT:** General Manager's Report

### **DISCUSSION:**

#### Administration

##### *AB 361 (Rivas) – Brown Act: Remote Meetings During Emergencies*

This bill passed out of the Senate Judiciary Committee on a 10-0 vote. It had previously passed out of the Senate Governance and Finance Committee after having received significant amendments which, among other things, removed the ability for local agencies to transition to remote meetings based upon a local emergency declaration by a county while adding a two-year sunset to the bill.

##### *SB 278 (Leyva) - Public Employees' Retirement System: Disallowed Compensation: Benefit Adjustments*

A hearing was held on July 7, 2021, and the bill was once again placed on the APPR suspense file.

#### Operations

##### *BBARWA Solar Project*

There has been a delay due to ongoing issues with material procurement. It is expected for the system to be operational in September and completion of the carports in the Administration parking lot in October. A ribbon cutting will be scheduled.

##### *Headworks Project*

Plan revisions are in development with re-bid expected in late September/early October.

##### *Division & Mountain View Vault Lid Replacement for the CBBL Flow Meter and Software Project*

The lid to the underground vault which houses flow meters and related electrical equipment will be replaced due to wear and tear and ongoing snowplow issues related to its current above-grade placement.

### 2021 Treatment Plant Data

There were no reportable violations during May, June, or July 2021. The influent flow (MG) chart is attached to this report.

Flow Percentages			
Member Agency	May	June	July
City of Big Bear Lake	47.10%	47.61%	50.18%
Big Bear City	49.44%	48.46%	46.01%
County of San Bernardino	3.46%	3.92%	3.81%

### Connections

MONTH	FYE 6/30/2022									
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CITY-BBL	CSD	CSA-53B
July	8	3	4	3	7	3	11	2	9	0
August	5	12	6	10	2	12	0	0	0	0
September	6	4	6	3	7	3	0	0	0	0
October	10	9	8	3	5	10	0	0	0	0
November	6	5	11	5	2	2	0	0	0	0
December	8	4	2	3	1	2	0	0	0	0
January	1	0	0	1	1	2	0	0	0	0
February	0	1	0	0	1	0	0	0	0	0
March	3	2	0	3	1	3	0	0	0	0
April	10	3	0	3	7	12	0	0	0	0
May	10	4	0	5	5	6	0	0	0	0
June	2	16	0	6	6	13	0	0	0	0
TOTAL	69	63	37	45	45	68	11	2	9	0

### Other

#### Replenish Big Bear

Congressman Obernolte secured \$960,000 for the Replenish Big Bear Project. His office sent a press release to local media outlets.

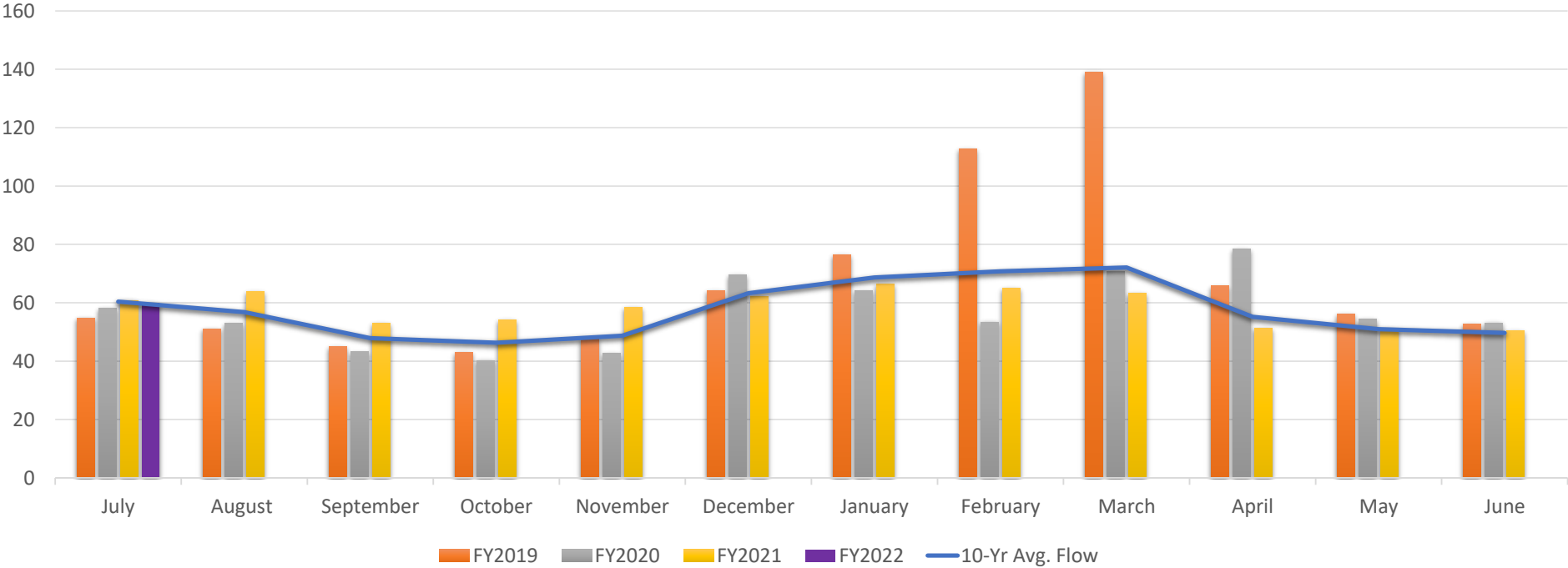
We received notification that Replenish Big Bear has been recommended for \$1.7M in funding for the 2021 WaterSMART: Title XVI WIIN Water Reclamation and Reuse Program. Funding can only be provided after appropriations legislation is enacted designating funding to the Project identified by the Bureau of Reclamation by name. Reclamation may also adjust the award amount in order to ensure that the project remains in compliance with statutory requirements as further information about the Project is developed.

We recently began a social media campaign to inform the public about the project. We will use Facebook (<https://www.facebook.com/ReplenishBigBear/>) and Instagram

(<https://www.instagram.com/replenishbigbear/>) to notify the public about upcoming meetings, project status, and project facts. Both social media accounts have reached approximately 4,597 people since the first post on July 16, 2021. These accounts will supplement the Replenish Big Bear Newsletter which can be subscribed to at the bottom of the Replenish Big Bear homepage (<https://www.replenishbigbear.com/>). Currently we have 393 subscribers to the newsletter.

The new Memorandum of Understanding among the project partners for the cost-sharing of future Replenish Big Bear expenses subject to SAWPA grant reimbursements (under the Prop 1 Round 1 Integrated Regional Water Management Implementation Grant) is under negotiation and will be brought back to the Governing Board for consideration once completed.

Influent Flow (MG)



**BIG BEAR AREA REGIONAL WASTEWATER AGENCY**

**REGULAR BOARD MEETING MINUTES**

May 26, 2021

**1. CALL TO ORDER**

A Regular Meeting of the Governing Board of the Big Bear Area Regional Wastewater Agency was called to order by Chair Miller at 5:01 p.m. on May 26, 2021 at 121 Palomino Drive, Big Bear City, California.

**BOARD MEMBERS PRESENT**

Jim Miller, Chair

Rick Herrick, Vice-Chair

Karyn Oxandaboure, Secretary

David Caretto, Director

John Green, Director

**STAFF MEMBERS PRESENT**

David Lawrence, General Manager

John Shimmin, Plant Manager

Bridgette Burton, Management Analyst

Nikki Crumpler, Senior Laboratory Analyst

Kim Booth, Operations Administrative/Laboratory Assistant

Sam Essex, Plant Operator II

Tyler Westplat, Operator-in-Training

**2. PLEDGE OF ALLEGIANCE**

Vice-Chair Herrick

**3. APPROVAL OF THE AGENDA**

Upon motion by Director Caretto, seconded by Vice-Chair Herrick and carried, the Governing Board approved the agenda as presented.

Ayes: Caretto, Green, Herrick, Oxandaboure, Miller

Noes: None

Absent: None

Abstain: None

**4. PUBLIC FORUM**

No comments

**5. PRESENTATIONS AND INTRODUCTIONS**

The General Manager recognized the following employees for their dedication and years of service to the Agency.

**5.A.** Nikki Crumpler 20-year recognition

**5.B.** Kim Booth 10-year recognition

**5.C.** Sam Essex 5-year recognition

5.D. John Shimmin 1-year recognition

5.E. Tyler Westplat 1-year recognition

6. **INFORMATION/COMMITTEE REPORTS**

6.A. General Manager's Report

The General Manager highlighted items that occurred during the previous month and discussed details regarding the Replenish Big Bear Workshop being held in the Agency Boardroom on June 23, 2021 from 1:00 p.m. to 4:00 p.m.

7. **CONSENT CALENDAR**

7.A. Approval of the Meeting Minutes from the April 28, 2021 Regular Meeting

7.B. Monthly Disbursements Report

7.C. Investment Report Identifying Agency Investments and Reporting Interest Income

7.D. Operations Flow Characteristics and Connections Report

7.E. Third Quarter Financial Report for the Nine Months Ended March 31, 2021, Presentation of Financial Performance and Discussion - Informational

7.F. Revisions to the Governing Board Handbook that Reflect Modifications During the Year - Informational

7.G. Sewer System Management Plan Two-Year Audit and Revisions - Informational

7.H. Approval of Pay Schedule with Cost-of-Living Adjustment

Upon motion by Director Caretto, seconded by Secretary Oxandaboure and carried, the Governing Board approved the Consent Calendar as presented.

Ayes: Caretto, Green, Herrick, Oxandaboure, Miller

Noes: None

Absent: None

Abstain: None

8. **ITEMS REMOVED FROM THE CONSENT CALENDAR**

None

9. **OLD BUSINESS**

None

**10. NEW BUSINESS**

- 10.A.** Resolution No. R. 07-2021, A Resolution of the Governing Board of the Big Bear Area Regional Wastewater Agency Approving the Proposition 1 Integrated Regional Water Management Implementation Sub-Grant Agreement, Authorizing a Memorandum of Understanding, and Finding the Approval of the Sub-Grant Agreement and Memorandum of Understanding Exempt from Review Under the California Environmental Quality Act

The General Manager discussed the Prop 1 Grant including information regarding repayment of BBARWA's share of the grant funds that have been disbursed should the project not be completed. The General Manager clarified that the Agency would not submit expenses for reimbursement until further direction from the Governing Board. SAWPA requested two minor changes on May 25, 2021 which included revising "IRWMP" to "IRWM" throughout the document and changing the third quarter reporting period to July – September in Section 17. Discussion ensued between the Governing Board and staff.

Upon motion by Vice-Chair Herrick, seconded by Director Caretto and carried, the Governing Board approved Resolution No. R. 07-2021 and found that the Sub-Grant Agreement and MOU are exempt from the California Environmental Quality Act pursuant to State CEQA Guidelines sections 15060, subd. (c)(3), 15378, subd. (b)(4), & 15061 subd. (b)(3), directed staff to file a CEQA Notice of Exemption; authorized the General Manager to execute the Sub-Grant Agreement with the Santa Ana Watershed Project Authority with the minor changes noted during the discussion but not submit expenses for reimbursement until further direction from the Governing Board; and authorized the General Manager to negotiate and execute the Memorandum of Understanding.

Ayes: Caretto, Green, Herrick, Oxandaboure, Miller  
Noes: None  
Absent: None  
Abstain: None

- 10.B.** Reject All Bids for the Headworks Grit System Rehabilitation Project and Re-Bid the Project

The General Manager explained that the bids received for the project exceeded the project budget and proposed to reduce the scope of work. The H<sub>2</sub>S recovery system and the bar screen compactor will be deferred to a future fiscal year. Discussion ensued between the Governing Board and staff.

Upon motion by Director Caretto, seconded by Vice-Chair Herrick and carried, the Governing Board authorized the General Manager to reject all bids received for the

Headworks Grit System Rehabilitation Project and directed the General Manager to re-bid the Project.

Ayes: Caretto, Green, Herrick, Oxandaboure, Miller  
Noes: None  
Absent: None  
Abstain: None

**10.C. Appointment of Secretary to the Governing Board**

The General Manager clarified the Secretary to the Governing Board responsibilities include document attestation and any action taken by the Secretary to the Governing Board will be within Agency policy or according to direction given by the Governing Board. Discussion ensued between Governing Board and staff.

Upon motion by Vice-Chair Herrick, seconded by Director Green and carried, the Governing Board appointed the Management Analyst to serve as Secretary to the Governing Board.

Ayes: Caretto, Green, Herrick, Oxandaboure, Miller  
Noes: None  
Absent: None  
Abstain: None

**10.D. General Manager Employment Agreement Amendment**

The General Manager presented the Employment Agreement Amendment details: The Governing Board and Employee agree that, during the term of the Agreement, Employee shall receive an annual salary increase for a cost-of-living adjustment (COLA) based on the change in the consumer price index (the CPI). The method used to calculate the change in the CPI shall be the same as that used by the Agency to calculate a cost-of-living adjustment for all employees. The COLA adjustment for Employee shall occur on an annual basis and be effective on the first day of the first full pay period in July each year.

Upon motion by Vice-Chair Herrick, seconded by Secretary Oxandaboure and carried, the Governing Board authorized the Governing Board Chair to execute an Employment Agreement Amendment with the approved changes.

Ayes: Caretto, Green, Herrick, Oxandaboure, Miller  
Noes: None  
Absent: None  
Abstain: None

**10.E. FY 2021 Other Post-Employment Benefits (OPEB) Lump-Sum Contribution**

The General Manager discussed the proposed excess contribution and detailed the process of determining the excess amount. The Governing Board requested the Agency consider an additional contribution in the next fiscal year. Discussion ensued between the Governing Board and staff.

Upon motion by Director Caretto, seconded by Secretary Oxandaboure and carried, the Governing Board approved an excess OPEB contribution of up to \$50,000 for FY 2021.

Ayes:	Caretto, Green, Herrick, Oxandaboure, Miller
Noes:	None
Absent:	None
Abstain:	None

**11. ADJOURNMENT**

With no further business to come before the Governing Board, Chair Miller adjourned the meeting at 6:01 p.m.

ATTEST: \_\_\_\_\_  
Bridgette Burton, Secretary to the Governing Board  
Big Bear Area Regional Wastewater Agency

**BIG BEAR AREA REGIONAL WASTEWATER AGENCY**

Special Meeting Replenish Big Bear Workshop Minutes

June 16, 2021 at 5:00 p.m.

121 Palomino Drive, Big Bear City, California

**1. CALL TO ORDER**

A Special Meeting of the Governing Board of the Big Bear Area Regional Wastewater Agency was called to order by Chair Miller at 5:00 p.m. on June 16, 2021, at 121 Palomino Drive, Big Bear City, California.

**BOARD MEMBERS PRESENT**

Jim Miller, Chair

Rick Herrick, Vice-Chair

Karyn Oxandaboure, Director

John Green, Director

**BOARD MEMBERS ABSENT**

David Caretto, Director

**STAFF MEMBERS PRESENT**

David Lawrence, General Manager

Jennifer McCullar, Finance Manager

John Shimmin, Plant Manager

Sonja Kawa, Human Resources Coordinator/Accounting Technician

**OTHERS**

Michael Perry, Visit Big Bear

Kathy Portie, Big Bear Grizzly

**2. PLEDGE OF ALLEGIANCE**

John Green, Director

**3. PUBLIC FORUM**

None

**4. PRESENTATIONS AND INTRODUCTIONS**

**4.A.** Resolution No. R. 08-2021, A Resolution of the Governing Board of the Big Bear Area Regional Wastewater Agency Expressing Appreciation to David A. Caretto for Dedicated Service as a Member of Said Governing Board

Upon motion by Vice-Chair Herrick, seconded by Director Oxandaboure and carried, the Governing Board commended and congratulated David A. Caretto for his 8 years of service as a member of the Governing Board and for his dedicated leadership.

Ayes: Green, Herrick, Oxandaboure, Miller  
Noes: None  
Absent: Caretto  
Abstain: None

**4.B. Replenish Big Bear Project Update, Costs, and Funding**

The General Manager and Finance Manager presented the Replenish Big Bear Project update, costs, and funding. Discussion ensued between the Governing Board and staff regarding the cost-benefit analysis, the need for participation from other agencies, identification of additional project partners, and an MOU.

**5. ADJOURNMENT**

With no further business to come before the Governing Board, Chair Miller adjourned the meeting at 7:13 p.m.

ATTEST: \_\_\_\_\_  
Bridgette Burton, Secretary to the Governing Board  
Big Bear Area Regional Wastewater Agency

**BIG BEAR AREA REGIONAL WASTEWATER AGENCY  
BIG BEAR CITY COMMUNITY SERVICES DISTRICT  
CITY OF BIG BEAR LAKE DEPARTMENT OF WATER AND POWER  
BIG BEAR MUNICIPAL WATER DISTRICT**

Special Meeting Replenish Big Bear Workshop Minutes  
June 23, 2021 from 1:00 p.m. to 4:00 p.m.  
121 Palomino Drive, Big Bear City, California

**1. CALL TO ORDER**

A Special Meeting of the Governing Board of the Big Bear Area Regional Wastewater Agency, Big Bear City Community Services District, City of Big Bear Lake Department of Water and Power, and the Big Bear Municipal Water District was called to order by Chair Miller at 1:03 p.m. on June 23, 2021, at 121 Palomino Drive, Big Bear City, California.

**BOARD MEMBERS PRESENT**

Jim Miller, Chair, Big Bear Area Regional Wastewater Agency & Representative, San Bernardino County Service Area 53B  
Rick Herrick, Vice-Chair, Big Bear Area Regional Wastewater Agency & Mayor Pro-Tem, City of Big Bear Lake  
Karyn Oxandaboure, Director, Big Bear Area Regional Wastewater Agency & Director, Big Bear City Community Services District  
John Green, Director, Big Bear Area Regional Wastewater Agency & Director, Big Bear City Community Services District  
Bynette Mote, Temporary Director, Big Bear Area Regional Wastewater Agency & Council Member, City of Big Bear Lake  
Al Ziegler, Vice-President, Big Bear City Community Services District  
Larry Walsh, Director, Big Bear City Community Services District  
Bob Tarras, Chair, City of Big Bear Lake Department of Water and Power  
Barbara Willey, Vice-Chair, City of Big Bear Lake Department of Water and Power  
Craig Hjorth, Treasurer, City of Big Bear Lake Department of Water and Power  
Joe Cylwik, Commissioner, City of Big Bear Lake Department of Water and Power  
Jim Smith, Commissioner, City of Big Bear Lake Department of Water and Power  
Tom Bradford, President, Big Bear Municipal Water District  
Bob Ludecke, Vice-President, Big Bear Municipal Water District  
Bob Rehfuß, Director, Big Bear Municipal Water District  
John Eminger, Director, Big Bear Municipal Water District

**BOARD MEMBERS ABSENT**

John Russo, President, Big Bear City Community Services District  
Charlie Brewster, Director, Big Bear Municipal Water District

**STAFF MEMBERS PRESENT**

David Lawrence, General Manager, Big Bear Area Regional Wastewater Agency  
Jennifer McCullar, Finance Manager, Big Bear Area Regional Wastewater Agency  
John Shimmin, Plant Manager, Big Bear Area Regional Wastewater Agency  
Sonja Kawa, Human Resources Coordinator/Accounting Technician, Big Bear Area Regional Wastewater Agency  
Troy Bemisdarfer, Plant Supervisor, Big Bear Area Regional Wastewater Agency (Zoom)

Mary Reeves, General Manager, Big Bear City Community Services District  
Morgan Szabad, Human Resources Manager/Board Secretary, Big Bear City Community Services District (Zoom)  
Reggie Lamson, General Manager, City of Big Bear Lake Department of Water and Power  
Dani McGee, Chief Financial Officer, City of Big Bear Lake Department of Water and Power  
Sierra Orr, Water Conservation & Public Information Supervisor, City of Big Bear Lake Department of Water and Power  
Mike Stephenson, General Manager, Big Bear Municipal Water District  
Brittany Lamson, Office Manager/Executive Assistant, Board Secretary, Big Bear Municipal Water District  
Frank Rush, City Manager, City of Big Bear Lake  
Steve Samaras, Division Manager, San Bernardino County Department of Public Works, Special Districts, Water and Sanitation Division

**OTHERS**

Ward Simmons, Best Best & Krieger  
Michael Perry, CEO, Visit Big Bear  
Sarah Mendoza, Field Representative for Senator Ochoa Bogh (Zoom)  
Steve Foulkes, SBTF  
Jana Bryant, Sugarloaf Property Owners Association  
Georgia Coalson, Big Bear City resident  
Jim Eakin, Big Bear City resident  
Crisann Conroy, Big Bear Lake resident  
Sharon Shiflett, resident  
Chris Pennington, resident  
Jerry Strain, resident  
Richard Stanton, Big Bear City resident  
Ken Discenza  
Greg Mote (Zoom)  
Frank Forbes (Zoom)  
Bruce Wood (Zoom)  
Sean Sullivan (Zoom)  
B. Hammer (Zoom)  
M. Bailey (Zoom)  
Ken Simonds (Zoom)  
Chuiner (Zoom)  
John Kosmatka (Zoom)  
Robert Hendricks (Zoom)  
Dimas Diaz (Zoom)  
Dolores Cherpin Kriley (Zoom)  
S. Jacques (Zoom)  
Kaylyn Johnson (Zoom)

**2. PLEDGE OF ALLEGIANCE**

Rick Herrick, Vice-Chair, Big Bear Area Regional Wastewater Agency

### 3. **PUBLIC FORUM**

Steve Foulkes, SBTF, indicated support for the project and commented that MWD is obligated to keep water up here or buy water to make up losses. He encouraged the project team to develop a rate structure that makes sense and is transparent and supported a pass-through to beneficiaries or assessment districts.

Crisann Conroy, a resident of the City of Big Bear Lake, commented that we need to do whatever it takes to make this happen. She encouraged the project team to be creative.

Richard Stanton, a resident of Big Bear City, commented that the project team should look at less-than-pristine water for the ski slopes or figure out a way for the ski slopes to contribute financially.

Georgia Coalson, a resident of Big Bear City, indicated support for the project and commented that drinkable water is not needed for fighting fires and suggested putting less treated water in Baldwin Lake for fire use.

Ken Discenza indicated support for the project.

Sierra Orr indicated support for the project and commented that the charts shown where demand will exceed supply may be a best-case scenario. She voiced concern over climate change and that the evaporation of rain happens so quickly that it may not make it to Big Bear Lake. The financial aspect of the project is a worst-case scenario with no additional grant funding. Project costs will come down with additional grant funding.

Sarah Mendoza, Field Representative for Senator Ochoa Bogh, commented that on April 14, 2021, Senator Ochoa Bogh sent two letters to two different commissioners in Congress in support of BBARWA's application for federal grant funding and will notify BBARWA once an update is available.

Al Ziegler (as a member of the public) commented that replenishing the groundwater is important and that he is unsure if the project is on the right track.

### 4. **PRESENTATIONS AND INTRODUCTIONS**

#### 4.A. Replenish Big Bear Project Update, Costs, and Funding

The Big Bear Area Regional Wastewater Agency General Manager presented information regarding the Replenish Big Bear Project including project goals, an updated timeline, the treatment process, estimated project costs and funding, benefits, and beneficiaries. Discussion ensued between Agency Boards and staff regarding transparency of project costs and financial burden to ratepayers, development of an MOU, completion of the cost-benefit analysis, and possible grant funding and federal funding opportunities. The next steps include development of an MOU among beneficiaries which establishes the framework for

the funding structure, and the ongoing pursuit of grant opportunities to increase affordability.

**5. ADJOURNMENT**

With no further business to come before the Governing Board, Chair Miller adjourned the meeting at 2:47 p.m.

ATTEST: \_\_\_\_\_  
Bridgette Burton, Secretary to the Governing Board  
Big Bear Area Regional Wastewater Agency



Big Bear Area Regional  
Wastewater Agency  
*Jim Miller – Chair*  
*Rick Herrick – Vice-Chair*  
*Karyn Oxandaboure – Director*  
*John Green – Director*  
*Bynette Mote – Director*

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**AGENDA ITEM: 7.B.**

**MEETING DATE:** August 25, 2021

**TO:** Governing Board of the Big Bear Area Regional Wastewater Agency

**FROM:** David Lawrence, P.E., General Manager

**PREPARED BY:** Jennifer McCullar, Finance Manager

**SUBJECT:** Monthly Disbursements Report

**BACKGROUND:**

Attached are the Agency's May, June and July check registers which reflect accounts paid during the period.

**FINANCIAL IMPACT:**

There is no financial impact. The funds have previously been appropriated.

**RECOMMENDATION:**

Informational

**Big Bear Area Regional Wastewater Agency**  
**Check Register**  
**For the Period From May 1, 2021 to May 31, 2021**

Filter Criteria includes: 1) Accounts Payable only. Report order is by Date.

Check #	Date	Payee	Cash Account	Amount
CASH 23106	5/3/21	CALPERS RETIREMENT	1000-20	2,862.30
CASH 23107	5/3/21	THE LINCOLN NAT'L LIFE INS CO	1000-20	3,608.21
CASH 23108	5/3/21	CA PERS 457 PROGRAM	1000-20	3,619.68
CASH 23109	5/3/21	CALPERS RETIREMENT	1000-20	7,746.06
CASH 23110	5/4/21	PAYA	1000-20	19.99
CASH 23111	5/4/21	EMPLOYMENT DEVELOPMENT DE	1000-20	1,949.63
CASH 23112	5/4/21	PRINCIPAL FINANCIAL GROUP	1000-20	3,621.76
CASH 23113	5/4/21	INTERNAL REVENUE SERVICE	1000-20	6,816.40
CASH 23114	5/4/21	CALPERS HEALTH	1000-20	32,611.58
CASH 23115	5/5/21	VISION SERVICE PLAN	1000-20	328.35
21271	5/7/21	ACCENT COMPUTER SOLUTIONS,	1000-20	2,508.70
21272	5/7/21	NANCY SANTILLAN	1000-20	225.00
21273	5/7/21	AG TECH LLC	1000-20	30,401.61
21274	5/7/21	ALLISON MECHANICAL, INC.	1000-20	13,150.00
21275	5/7/21	AMAZON CAPITAL SERVICES	1000-20	279.36
21276	5/7/21	ARAMARK UNIFORM SERVICES	1000-20	1,140.50
21277	5/7/21	BEST BEST & KRIEGER LLP	1000-20	3,397.15
21278	5/7/21	BIG BEAR CITY COMMUNITY SER	1000-20	1,309.07
21279	5/7/21	BIG BEAR PAINT CENTER	1000-20	127.04
21280	5/7/21	BUTCHER'S BLOCK & BUILDING	1000-20	198.36
21281	5/7/21	BEAR VALLEY ELECTRIC	1000-20	6,759.28
21282	5/7/21	BEAR VALLEY PAVING, INC.	1000-20	1,613.00
21283	5/7/21	CAR QUEST OF BIG BEAR	1000-20	941.98
21284	5/7/21	CLINICAL LAB OF SAN BERNARDI	1000-20	545.00
21285	5/7/21	JOHN CONNELLY	1000-20	275.00
21286	5/7/21	CWEA TCP/MEMBERSHIP	1000-20	192.00
21287	5/7/21	UNDERGROUND SERVICE ALERT	1000-20	104.91
21288	5/7/21	DIRECT TV	1000-20	39.99
21289	5/7/21	DEPARTMENT OF WATER & POW	1000-20	60.10
21290	5/7/21	ENDURA STEEL	1000-20	64.65
21291	5/7/21	EVANTEC CORPORATION	1000-20	609.33
21292	5/7/21	FEDEX	1000-20	12.67
21293	5/7/21	FERGUSON WATERWORKS #1083	1000-20	73.36

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Check #	Date	Payee	Cash Account	Amount
21294	5/7/21	FLYERS ENERGY	1000-20	948.05
21295	5/7/21	FRONTIER COMMUNICATIONS	1000-20	879.51
21296	5/7/21	GRAINGER	1000-20	272.56
21297	5/7/21	HUGHESNET	1000-20	102.33
21298	5/7/21	KAMAN INDUSTRIAL TECHNOLOG	1000-20	201.93
21299	5/7/21	NAPA AUTO PARTS	1000-20	159.03
21300	5/7/21	CONSTANCE M. ALVARADO	1000-20	55.00
21301	5/7/21	PHENOVA	1000-20	168.66
21302	5/7/21	PHIL'S AUTOMOTIVE	1000-20	1,157.16
21303	5/7/21	POLYDYNE INC	1000-20	6,874.17
21304	5/7/21	QUILL	1000-20	353.32
21305	5/7/21	REBEL OIL CO., INC.	1000-20	2,038.53
21306	5/7/21	SAFETY-KLEEN SYSTEMS, INC.	1000-20	348.67
21307	5/7/21	SOUTH COAST AQMD	1000-20	412.89
21308	5/7/21	RYAN R. ABELN	1000-20	1,496.25
21309	5/7/21	SPECTRUM BUSINESS	1000-20	1,008.93
21310	5/7/21	TOTAL AIR ANALYSIS, INC	1000-20	9,125.00
21311	5/7/21	TWIN BEAR EQUIPMENT RENTAL,	1000-20	168.31
21312	5/7/21	USA BLUEBOOK	1000-20	944.86
21313	5/7/21	VALLEY POWER SYSTEMS, INC	1000-20	770.28
21314	5/7/21	VIKING MAINTENANCE SERVICES	1000-20	1,190.00
21315	5/7/21	JON E. WREESMAN	1000-20	750.00
21316	5/7/21	KIMBERLY BOOTH	1000-20	125.05
21317	5/7/21	BRIDGETTE BURTON	1000-20	50.00
21318	5/7/21	RICHARD T. HERRICK	1000-20	150.00
21319	5/7/21	SONJA KAWA	1000-20	50.00
21320	5/7/21	DAVID LAWRENCE	1000-20	50.00
21321	5/7/21	JENNIFER MCCULLAR	1000-20	50.00
21322	5/7/21	JAMES J. MILLER	1000-20	150.00
21323	5/7/21	JOHN SHIMMIN	1000-20	50.00
CASH 23116	5/11/21	DAVID A. CARETTO	1000-20	150.00
CASH 23117	5/11/21	JOHN GREEN	1000-20	150.00
CASH 23118	5/11/21	KARYN K. OXANDABOURE	1000-20	150.00

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Check #	Date	Payee	Cash Account	Amount
CASH 23119	5/14/21	COMPASS BANK	1000-20	75,157.33
CASH 23120	5/14/21	COMPASS BANK	1000-20	179,553.7
CASH 23121	5/17/21	CALIFORNIA STATE DISBURSEME	1000-20	126.00
CASH 23122	5/17/21	AMERICAN FIDELITY ASSURANCE	1000-20	469.98
CASH 23123	5/17/21	CALPERS RETIREMENT	1000-20	2,862.30
CASH 23124	5/17/21	THE LINCOLN NAT'L LIFE INS CO	1000-20	3,538.21
CASH 23125	5/17/21	CA PERS 457 PROGRAM	1000-20	3,619.68
CASH 23126	5/17/21	CALPERS RETIREMENT	1000-20	7,746.06
CASH 23127	5/18/21	EMPLOYMENT DEVELOPMENT DE	1000-20	1,906.30
CASH 23128	5/18/21	INTERNAL REVENUE SERVICE	1000-20	6,740.45
21324	5/24/21	ALLISON MECHANICAL, INC.	1000-20	5,889.00
21325	5/24/21	ALL PROTECTION ALARM	1000-20	997.64
21326	5/24/21	AMAZON CAPITAL SERVICES	1000-20	3,094.14
21327	5/24/21	ANTHEM LIFE INSURANCE COMP	1000-20	3,719.20
21328	5/24/21	ARROWHEAD	1000-20	198.21
21329	5/24/21	BIG BEAR BODYTEK	1000-20	480.00
21330	5/24/21	BUSINESS CARD	1000-20	611.33
21331	5/24/21	ROBIN A. BRADLEY	1000-20	120.00
21332	5/24/21	CALOLYMPIC SAFETY	1000-20	666.90
21333	5/24/21	SAN BERNARDINO COUNTY	1000-20	50.00
21334	5/24/21	COUNTY OF SAN BERNARDINO S	1000-20	294.90
21335	5/24/21	CWEA TCP/MEMBERSHIP	1000-20	384.00
21336	5/24/21	FEDEX	1000-20	16.61
21337	5/24/21	BEAR VALLEY BASIN GSA	1000-20	133.10
21338	5/24/21	HACH COMPANY	1000-20	349.26
21339	5/24/21	HD INDUSTRIES	1000-20	529.82
21340	5/24/21	JUST ENERGY SOLUTIONS INC.	1000-20	15,481.82
21341	5/24/21	MITEL	1000-20	355.87
21342	5/24/21	RANDY J. SPITZ	1000-20	118.99
21343	5/24/21	NATIVESCAPES INC	1000-20	841.00
21344	5/24/21	PHIL'S AUTOMOTIVE	1000-20	499.66
21345	5/24/21	QUILL	1000-20	3.63
21346	5/24/21	REBEL OIL CO., INC.	1000-20	1,019.27

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Check #	Date	Payee	Cash Account	Amount
21347	5/24/21	ROI ENGINEERING LLC	1000-20	1,650.00
21348	5/24/21	SOUTHERN CALIFORNIA EDISON	1000-20	41.32
21349	5/24/21	SCHRODER & SON, INC.	1000-20	775.00
21350	5/24/21	SOUTHWEST GAS CORP	1000-20	10,881.53
21351	5/24/21	SOUTHWEST GAS	1000-20	516.98
21352	5/24/21	SWRCB - DRINKING WATER PRO	1000-20	6,401.00
21353	5/24/21	THINGS REMEMBERED	1000-20	114.20
21354	5/24/21	USA BLUEBOOK	1000-20	1,454.46
21355	5/24/21	VERIZON WIRELESS	1000-20	241.66
21356	5/24/21	JON E. WREESMAN	1000-20	210.00
21357	5/24/21	BRIDGETTE BURTON	1000-20	1,039.02
21358	5/24/21	MOUNTAIN TROPHY & AWARDS	1000-20	51.84
CASH 23129	5/27/21	LEGALSHIELD	1000-20	67.80
CASH 23130	5/27/21	TEXAS LIFE INSURANCE COMPAN	1000-20	213.00
CASH 23131	5/27/21	AMERICAN FIDELITY ASSURANCE	1000-20	625.48
CASH 23132	5/27/21	PAYA	1000-20	13,006.22
CASH 23133	5/27/21	CALIFORNIA STATE DISBURSEME	1000-20	126.00
<b>Total</b>				<b><u>512,752.4</u></b>

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Check #	Date	Payee	Cash Account	Amount
CASH 23134	6/1/21	PAYA	1000-20	43.87
CASH 23135	6/1/21	AMERICAN FIDELITY ASSURANCE	1000-20	469.98
CASH 23136	6/1/21	EMPLOYMENT DEVELOPMENT DE	1000-20	2,325.69
CASH 23137	6/1/21	CALPERS RETIREMENT	1000-20	2,862.30
CASH 23138	6/1/21	THE LINCOLN NAT'L LIFE INS CO	1000-20	3,538.21
CASH 23139	6/1/21	CA PERS 457 PROGRAM	1000-20	4,049.02
CASH 23140	6/1/21	INTERNAL REVENUE SERVICE	1000-20	7,775.84
CASH 23141	6/1/21	CALPERS RETIREMENT	1000-20	7,879.30
CASH 23142	6/2/21	PAYA	1000-20	19.99
CASH 23143	6/2/21	PRINCIPAL FINANCIAL GROUP	1000-20	3,539.64
CASH 23144	6/2/21	CALPERS HEALTH	1000-20	32,611.58
CASH 23145	6/3/21	VISION SERVICE PLAN	1000-20	328.35
21359	6/8/21	ACCENT COMPUTER SOLUTIONS,	1000-20	2,499.96
21360	6/8/21	NANCY SANTILLAN	1000-20	135.00
21361	6/8/21	AG TECH LLC	1000-20	24,021.72
21362	6/8/21	AMAZON CAPITAL SERVICES	1000-20	216.84
21363	6/8/21	ARAMARK UNIFORM SERVICES	1000-20	1,443.78
21364	6/8/21	BEST BEST & KRIEGER LLP	1000-20	6,108.84
21365	6/8/21	BIG BEAR CITY COMMUNITY SER	1000-20	415.55
21366	6/8/21	BEAR LAKE PROFESSIONALS, IN	1000-20	130.00
21367	6/8/21	BDP INDUSTRIES, INC.	1000-20	216.74
21368	6/8/21	BUTCHER'S BLOCK & BUILDING	1000-20	177.39
21369	6/8/21	BEAR VALLEY ELECTRIC	1000-20	6,740.30
21370	6/8/21	CAR QUEST OF BIG BEAR	1000-20	100.88
21371	6/8/21	DADDY'S PEST CONTROL	1000-20	150.00
21372	6/8/21	UNDERGROUND SERVICE ALERT	1000-20	218.76
21373	6/8/21	DIY HOME CENTER-BIG BEAR	1000-20	43.74
21374	6/8/21	DIRECT TV	1000-20	39.99
21375	6/8/21	DEPARTMENT OF WATER & POW	1000-20	55.10
21376	6/8/21	EVANTEC CORPORATION	1000-20	256.20
21377	6/8/21	FLYERS ENERGY	1000-20	1,348.84
21378	6/8/21	FRONTIER COMMUNICATIONS	1000-20	879.51
21379	6/8/21	BIG BEAR CITY CSD	1000-20	10,743.08

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Check #	Date	Payee	Cash Account	Amount
21380	6/8/21	DEPARTMENT OF WATER & POW	1000-20	10,743.08
21381	6/8/21	BIG BEAR MUNICIPAL WATER DIS	1000-20	10,743.08
21382	6/8/21	HAZ MAT TRANS, INC.	1000-20	618.00
21383	6/8/21	HOUSTON & HARRIS PCS, INC	1000-20	50,425.00
21384	6/8/21	HUGHESNET	1000-20	102.33
21385	6/8/21	J.G. TUCKER & SON, INC.	1000-20	354.20
21386	6/8/21	MCR TECHNOLOGIES, INC.	1000-20	7,484.43
21387	6/8/21	MOUNTAIN TROPHY & AWARDS	1000-20	323.25
21388	6/8/21	NATIVESCAPES INC	1000-20	198.00
21389	6/8/21	CONSTANCE M. ALVARADO	1000-20	55.00
21390	6/8/21	PHENOVA	1000-20	145.77
21391	6/8/21	PITNEY BOWES GLOBAL FINANCI	1000-20	128.22
21392	6/8/21	NICANOR M. LAUREL	1000-20	6,300.00
21393	6/8/21	SOUTH COAST AQMD	1000-20	924.15
21394	6/8/21	SMARTCOVER SYSTEMS	1000-20	5,343.32
21395	6/8/21	SPECTRUM BUSINESS	1000-20	1,023.93
21396	6/8/21	WATER SYSTEMS CONSULTING, I	1000-20	137,666.5
21397	6/8/21	BRIDGETTE BURTON	1000-20	50.00
21398	6/8/21	RICHARD T. HERRICK	1000-20	150.00
21399	6/8/21	SONJA KAWA	1000-20	50.00
21400	6/8/21	DAVID LAWRENCE	1000-20	50.00
21401	6/8/21	JENNIFER MCCULLAR	1000-20	50.00
21402	6/8/21	JAMES J. MILLER	1000-20	150.00
21403	6/8/21	JOHN SHIMMIN	1000-20	50.00
CASH 23146	6/10/21	JOHN GREEN	1000-20	150.00
CASH 23147	6/10/21	DAVID A. CARETTO	1000-20	150.00
CASH 23148	6/10/21	KARYN K. OXANDABOURE	1000-20	150.00
CASH 23149	6/14/21	CALIFORNIA STATE DISBURSEME	1000-20	126.00
CASH 23150	6/14/21	AMERICAN FIDELITY ASSURANCE	1000-20	469.98
CASH 23151	6/14/21	CALPERS RETIREMENT	1000-20	2,932.78
CASH 23152	6/14/21	THE LINCOLN NAT'L LIFE INS CO	1000-20	3,538.21
CASH 23153	6/14/21	CA PERS 457 PROGRAM	1000-20	4,049.02
CASH 23154	6/14/21	CALPERS RETIREMENT	1000-20	7,879.30

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Check #	Date	Payee	Cash Account	Amount
CASH 23155	6/14/21	EMPLOYMENT DEVELOPMENT DE	1000-20	1,917.30
CASH 23156	6/15/21	INTERNAL REVENUE SERVICE	1000-20	6,573.74
CASH 23157	6/15/21	CALIFORNIA STATE DISBURSEME	1000-20	126.00
CASH 23158	6/15/21	AMERICAN FIDELITY ASSURANCE	1000-20	469.98
21404	6/23/21	ALLISON MECHANICAL, INC.	1000-20	1,792.00
21405	6/23/21	AMAZON CAPITAL SERVICES	1000-20	1,572.60
21406	6/23/21	ARROWHEAD	1000-20	214.48
21407	6/23/21	RICK M. BOWERS	1000-20	453.09
21408	6/23/21	BUSINESS CARD	1000-20	2,256.53
21409	6/23/21	CANON SOLUTIONS AMERICA, IN	1000-20	1,018.65
21410	6/23/21	CALIF ARB / PERP	1000-20	735.00
21411	6/23/21	CLINICAL LAB OF SAN BERNARDI	1000-20	260.00
21412	6/23/21	COUNTY OF SAN BERNARDINO S	1000-20	541.95
21413	6/23/21	CWEA TCP/MEMBERSHIP	1000-20	192.00
21414	6/23/21	DADDY'S PEST CONTROL	1000-20	150.00
21415	6/23/21	TOM DODSON & ASSOCIATES	1000-20	300.00
21416	6/23/21	ENVIRONMENTAL EXPRESS, INC	1000-20	454.99
21417	6/23/21	EVANTEC CORPORATION	1000-20	347.96
21418	6/23/21	FEDEX	1000-20	16.73
21419	6/23/21	GRAINGER	1000-20	848.81
21420	6/23/21	BEAR VALLEY BASIN GSA	1000-20	988.60
21421	6/23/21	HACH COMPANY	1000-20	416.28
21422	6/23/21	JUST ENERGY SOLUTIONS INC.	1000-20	14,617.86
21423	6/23/21	MITEL	1000-20	357.26
21424	6/23/21	RANDY J. SPITZ	1000-20	103.40
21425	6/23/21	POLYDYNE INC	1000-20	10,311.25
21426	6/23/21	RHONDA E. MURPHY	1000-20	325.00
21427	6/23/21	PREFERRED AERIAL & CRANE TE	1000-20	375.00
21428	6/23/21	QUILL	1000-20	103.49
21429	6/23/21	R.I.C. CONSTRUCTION CO., INC.	1000-20	3,824.22
21430	6/23/21	SOUTHERN CALIFORNIA EDISON	1000-20	45.94
21431	6/23/21	SOUTHWEST GAS CORP	1000-20	9,421.51
21432	6/23/21	SOUTHWEST GAS	1000-20	361.60

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Check #	Date	Payee	Cash Account	Amount
21433	6/23/21	SWRCB-WWOC	1000-20	310.00
21434	6/23/21	USA BLUEBOOK	1000-20	523.78
21435	6/23/21	VERIZON WIRELESS	1000-20	241.66
21436	6/23/21	VIKING MAINTENANCE SERVICES	1000-20	1,190.00
21437	6/23/21	WINZER CORP	1000-20	815.16
CASH 23159	6/28/21	CALPERS RETIREMENT	1000-20	2,862.30
CASH 23160	6/28/21	THE LINCOLN NAT'L LIFE INS CO	1000-20	3,538.21
CASH 23161	6/28/21	CA PERS 457 PROGRAM	1000-20	4,049.02
CASH 23162	6/28/21	CALPERS RETIREMENT	1000-20	7,879.30
CASH 23163	6/29/21	LEGALSHIELD	1000-20	67.80
CASH 23164	6/29/21	TEXAS LIFE INSURANCE COMPAN	1000-20	213.00
CASH 23165	6/29/21	AMERICAN FIDELITY ASSURANCE	1000-20	625.48
CASH 23166	6/29/21	EMPLOYMENT DEVELOPMENT DE	1000-20	3,836.19
CASH 23167	6/29/21	PAYA	1000-20	12,593.94
CASH 23168	6/29/21	INTERNAL REVENUE SERVICE	1000-20	13,946.94
CASH 23169	6/30/21	PAYA	1000-20	42.84
<b>Total</b>				<b><u>488,188.4</u></b>

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Check #	Date	Payee	Cash Account	Amount
CASH 23170	7/2/21	PAYA	1000-20	19.99
CASH 23171	7/2/21	PRINCIPAL FINANCIAL GROUP	1000-20	3,539.64
CASH 23172	7/2/21	CALPERS HEALTH	1000-20	32,610.59
CASH 23173	7/6/21	VISION SERVICE PLAN	1000-20	328.35
21438	7/8/21	AG TECH LLC	1000-20	25,363.64
21439	7/8/21	AMAZON CAPITAL SERVICES	1000-20	1,621.34
21440	7/8/21	ARAMARK UNIFORM SERVICES	1000-20	877.82
21441	7/8/21	BEST BEST & KRIEGER LLP	1000-20	3,642.70
21442	7/8/21	BIG BEAR CITY COMMUNITY SERVIC	1000-20	1,013.87
21443	7/8/21	BUTCHER'S BLOCK & BUILDING	1000-20	355.55
21444	7/8/21	BEAR VALLEY ELECTRIC	1000-20	6,546.99
21445	7/8/21	CALIFORNIA TOOL & WELDING SUPP	1000-20	228.24
21446	7/8/21	CALOLYMPIC SAFETY	1000-20	1,332.90
21447	7/8/21	CAR QUEST OF BIG BEAR	1000-20	31.69
21448	7/8/21	JOHN CONNELLY	1000-20	210.00
21449	7/8/21	UNDERGROUND SERVICE ALERT	1000-20	147.81
21450	7/8/21	DIY HOME CENTER-BIG BEAR	1000-20	84.32
21451	7/8/21	DEPARTMENT OF WATER & POWER	1000-20	55.10
21452	7/8/21	ENDURA STEEL	1000-20	407.30
21453	7/8/21	ENERGY LINK INDUSTRIAL SERVICE	1000-20	1,698.28
21454	7/8/21	EVANTEC CORPORATION	1000-20	156.30
21455	7/8/21	FLYERS ENERGY	1000-20	478.83
21456	7/8/21	BEAR VALLEY BASIN GSA	1000-20	70.72
21457	7/8/21	DEPARTMENT OF WATER & POWER	1000-20	46.50
21458	7/8/21	NAPA AUTO PARTS	1000-20	81.77
21459	7/8/21	PETTY CASH	1000-20	307.59
21460	7/8/21	QUILL	1000-20	10.44
21461	7/8/21	ROI ENGINEERING LLC	1000-20	5,022.58
21462	7/8/21	RYAN R. ABELN	1000-20	6,968.79
21463	7/8/21	TWIN BEAR EQUIPMENT RENTAL, IN	1000-20	143.22
21464	7/8/21	USA BLUEBOOK	1000-20	2,314.42
21465	7/8/21	VALERO	1000-20	158.82
21466	7/8/21	WATER SYSTEMS CONSULTING, INC.	1000-20	31,080.35

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21467	7/8/21	ACCENT COMPUTER SOLUTIONS, IN	1000-20	2,499.96
21468	7/8/21	BIG BEAR FIRE DEPARTMENT	1000-20	75.00
21469	7/8/21	COSTCO MEMBERSHIP	1000-20	60.00
21470	7/8/21	DIRECT TV	1000-20	39.99
21471	7/8/21	ECS IMAGING, INC.	1000-20	2,835.00
21472	7/8/21	FRONTIER COMMUNICATIONS	1000-20	879.51
21473	7/8/21	HUGHESNET	1000-20	102.33
21474	7/8/21	INTERNATIONAL INSTITUTE OF MUNI	1000-20	300.00
21475	7/8/21	CONSTANCE M. ALVARADO	1000-20	55.00
21476	7/8/21	SOUTH COAST AQMD	1000-20	7,961.35
21477	7/8/21	SDRMA	1000-20	192,466.6
21478	7/8/21	SPECTRUM BUSINESS	1000-20	1,023.93
21479	7/8/21	BRIDGETTE BURTON	1000-20	50.00
21480	7/8/21	RICHARD T. HERRICK	1000-20	300.00
21481	7/8/21	SONJA KAWA	1000-20	50.00
21482	7/8/21	DAVID LAWRENCE	1000-20	50.00
21483	7/8/21	JENNIFER MCCULLAR	1000-20	50.00
21484	7/8/21	JAMES J. MILLER	1000-20	300.00
21485	7/8/21	JOHN SHIMMIN	1000-20	50.00
CASH 23174	7/12/21	CALIFORNIA STATE DISBURSEMENT	1000-20	126.00
CASH 23175	7/12/21	AMERICAN FIDELITY ASSURANCE C	1000-20	469.98
CASH 23176	7/12/21	JOHN GREEN	1000-20	300.00
CASH 23177	7/12/21	KARYN K. OXANDABOURE	1000-20	300.00
CASH 23178	7/12/21	EMPLOYMENT DEVELOPMENT DEPA	1000-20	656.83
CASH 23179	7/12/21	INTERNAL REVENUE SERVICE	1000-20	2,145.16
CASH 23180	7/12/21	CA PERS 457 PROGRAM	1000-20	4,049.02
CASH 23181	7/12/21	CALPERS RETIREMENT	1000-20	2,835.10
CASH 23182	7/12/21	THE LINCOLN NAT'L LIFE INS CO	1000-20	3,538.21
CASH 23183	7/12/21	CALPERS RETIREMENT	1000-20	7,822.23
CASH 23184	7/13/21	EMPLOYMENT DEVELOPMENT DEPA	1000-20	1,929.25
CASH 23185	7/13/21	INTERNAL REVENUE SERVICE	1000-20	6,482.18
21486	7/22/21	CLINICAL LAB OF SAN BERNARDINO	1000-20	1,287.50
21487	7/22/21	COUNTY OF SAN BERNARDINO SOLI	1000-20	544.87

**Big Bear Area Regional Wastewater Agency**  
**Check Register**  
**For the Period From Jul 1, 2021 to Jul 31, 2021**

Filter Criteria includes: 1) Accounts Payable only. Report order is by Date.

Check #	Date	Payee	Cash Account	Amount
21488	7/22/21	JUST ENERGY SOLUTIONS INC.	1000-20	15,060.05
21489	7/22/21	NATIVESCAPES INC	1000-20	420.00
21490	7/22/21	ROGERS, ANDERSON, MALODY & SC	1000-20	6,150.00
21491	7/22/21	SOUTHWEST GAS CORP	1000-20	10,629.11
21492	7/22/21	USA BLUEBOOK	1000-20	787.64
21493	7/22/21	WATER SYSTEMS CONSULTING, INC.	1000-20	13,755.15
21494	7/22/21	A-PERFORMANCE TOWING INC.	1000-20	100.00
21495	7/22/21	AMAZON CAPITAL SERVICES	1000-20	156.21
21496	7/22/21	ARROWHEAD	1000-20	345.77
21497	7/22/21	BDP INDUSTRIES, INC.	1000-20	172.07
21498	7/22/21	BIG BEAR BODYTEK	1000-20	480.00
21499	7/22/21	BUSINESS CARD	1000-20	1,878.95
21500	7/22/21	CWEA TCP/MEMBERSHIP	1000-20	480.00
21501	7/22/21	EVANTEC CORPORATION	1000-20	88.12
21502	7/22/21	GRAINGER	1000-20	363.68
21503	7/22/21	INLAND BOBCAT, INC	1000-20	236.47
21504	7/22/21	MITEL	1000-20	359.26
21505	7/22/21	RANDY J. SPITZ	1000-20	78.84
21506	7/22/21	NORTHERN TOOL & EQUIPMENT	1000-20	459.14
21507	7/22/21	PARMA	1000-20	150.00
21508	7/22/21	PHENOVA	1000-20	489.75
21509	7/22/21	QUILL	1000-20	148.32
21510	7/22/21	SOUTHERN CALIFORNIA EDISON	1000-20	43.71
21511	7/22/21	SOUTHWEST GAS	1000-20	145.99
21512	7/22/21	VERIZON WIRELESS	1000-20	241.58
21513	7/22/21	VIKING MAINTENANCE SERVICES, LL	1000-20	1,190.00
21514	7/22/21	WIN-911 SOFTWARE	1000-20	660.00
21515	7/22/21	WINZER CORP	1000-20	15.12
21516	7/22/21	BRENT BERG	1000-20	491.58
21517	7/22/21	SAMUEL ESSEX	1000-20	491.58
CASH 23186	7/26/21	CALIFORNIA STATE DISBURSEMENT	1000-20	126.00
CASH 23187	7/26/21	AMERICAN FIDELITY ASSURANCE C	1000-20	469.98
CASH 23188	7/26/21	CALPERS RETIREMENT	1000-20	3,020.00

**Big Bear Area Regional Wastewater Agency**  
**Check Register**  
**For the Period From Jul 1, 2021 to Jul 31, 2021**

Filter Criteria includes: 1) Accounts Payable only. Report order is by Date.

Check #	Date	Payee	Cash Account	Amount
CASH 23189	7/26/21	THE LINCOLN NAT'L LIFE INS CO	1000-20	3,611.06
CASH 23190	7/26/21	CA PERS 457 PROGRAM	1000-20	4,531.19
CASH 23191	7/26/21	CALPERS RETIREMENT	1000-20	8,171.78
CASH 23192	7/27/21	EMPLOYMENT DEVELOPMENT DEPA	1000-20	2,055.32
CASH 23193	7/27/21	INTERNAL REVENUE SERVICE	1000-20	6,912.49
CASH 23194	7/28/21	LEGALSHIELD	1000-20	67.80
CASH 23195	7/28/21	TEXAS LIFE INSURANCE COMPANY	1000-20	213.00
CASH 23196	7/28/21	AMERICAN FIDELITY ASSURANCE C	1000-20	625.48
CASH 23197	7/28/21	PAYA	1000-20	12,593.94
CASH 23198	7/30/21	PAYA	1000-20	42.75
<b>Total</b>				<b><u>467,100.3</u></b>



Big Bear Area Regional  
Wastewater Agency  
*Jim Miller – Chair*  
*Rick Herrick – Vice-Chair*  
*Karyn Oxandaboure – Director*  
*John Green - Director*  
*Bynette Mote – Director*

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**AGENDA ITEM: 7.C.**

**MEETING DATE:** August 25, 2021

**TO:** Governing Board of the Big Bear Area Regional Wastewater Agency

**FROM:** David Lawrence, P.E., General Manager

**PREPARED BY:** Jennifer McCullar, Finance Manager

**SUBJECT:** Investment Report Identifying Agency Investments and Reporting Interest Income

**BACKGROUND:**

Attached are the May, June and July Monthly Investment Reports pursuant to the Agency's Investment Policy.

**FINANCIAL IMPACT:**

There is no financial impact.

**RECOMMENDATION:**

Informational

BBARWA  
Monthly Investment Report  
May 2021

<u>INVESTMENT TYPE</u>	<u>COST</u>	<u>FAIR MARKET VALUE (1)</u>	<u>YEAR TO DATE INTEREST(2)</u>	<u>INTEREST RATE</u>	<u>MATURITY DATE</u>
LOCAL AGENCY INVESTMENT FUND	\$ 6,334,606	\$ 6,342,650	42,887	0.315%	DAILY
TOTAL	\$ 6,334,606	\$ 6,342,650	42,887		

The Investment Portfolio of the Big Bear Area Regional Wastewater Agency is in compliance with the investment policy approved in Sept 2020. The Agency will be able to meet its expenditure requirements for the next six months.

(1) LOCAL AGENCY INVESTMENT FUND (LAIF) IS A STATE-RUN INVESTMENT POOL PROVIDED FOR PUBLIC AGENCIES. THE LAIF MARKET VALUE SHOWN ON THIS TREASURER'S REPORT REPRESENTS BBARWA'S SHARE OF THE **LIQUID VALUE** OF LAIF'S PORTFOLIO IF IT WAS LIQUIDATED AS OF THE END OF THE REPORTED MONTH. THIS NUMBER SERVES AS AN INDICATOR OF WHETHER OR NOT THE **MARKET VALUE** OF LAIF'S INVESTMENTS IS ABOVE OR BELOW THE **COST** OF THOSE INVESTMENTS.

(2) Interest paid quarterly on LAIF investment. Amount reflects interest income received at the reporting date during FY 2021 and excludes accrued interest.

Attachment (s): Monthly LAIF Statement

# California State Treasurer

## *Fiona Ma, CPA*



Local Agency Investment Fund  
P.O. Box 942809  
Sacramento, CA 94209-0001  
(916) 653-3001

July 19, 2021

[LAIF Home](#)  
[PMIA Average Monthly Yields](#)

BIG BEAR AREA REGIONAL WASTEWATER AGENCY

FINANCE MANAGER  
P.O. BOX 517  
BIG BEAR CITY, CA 92314

[Tran Type Definitions](#)

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**Account Number:**

May 2021 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
5/26/2021	5/26/2021	RW	1675705	N/A	JENNIFER MCCULLAR	-500,000.00

### Account Summary

Total Deposit:	0.00	Beginning Balance:	6,834,606.47
Total Withdrawal:	-500,000.00	Ending Balance:	6,334,606.47

BBARWA  
Monthly Investment Report  
June 2021

<u>INVESTMENT TYPE</u>	<u>COST</u>	<u>FAIR MARKET VALUE (1)</u>	<u>YEAR TO DATE INTEREST(2)</u>	<u>INTEREST RATE</u>	<u>MATURITY DATE</u>
LOCAL AGENCY INVESTMENT FUND	\$ 6,334,606	\$ 6,335,132	42,887	0.262%	DAILY
TOTAL	\$ 6,334,606	\$ 6,335,132	42,887		

The Investment Portfolio of the Big Bear Area Regional Wastewater Agency is in compliance with the investment policy approved in Sept 2020. The Agency will be able to meet its expenditure requirements for the next six months.

(1) LOCAL AGENCY INVESTMENT FUND (LAIF) IS A STATE-RUN INVESTMENT POOL PROVIDED FOR PUBLIC AGENCIES. THE LAIF MARKET VALUE SHOWN ON THIS TREASURER'S REPORT REPRESENTS BBARWA'S SHARE OF THE **LIQUID VALUE** OF LAIF'S PORTFOLIO IF IT WAS LIQUIDATED AS OF THE END OF THE REPORTED MONTH. THIS NUMBER SERVES AS AN INDICATOR OF WHETHER OR NOT THE **MARKET VALUE** OF LAIF'S INVESTMENTS IS ABOVE OR BELOW THE **COST** OF THOSE INVESTMENTS.

(2) Interest paid quarterly on LAIF investment. Amount reflects interest income received at the reporting date during FY 2021 and excludes accrued interest.

Attachment (s): Monthly LAIF Statement

California State Treasurer  
**Fiona Ma, CPA**



Local Agency Investment Fund  
P.O. Box 942809  
Sacramento, CA 94209-0001  
(916) 653-3001

July 19, 2021

[LAIF Home](#)  
[PMIA Average Monthly Yields](#)

BIG BEAR AREA REGIONAL WASTEWATER AGENCY

FINANCE MANAGER  
P.O. BOX 517  
BIG BEAR CITY, CA 92314

[Tran Type Definitions](#)

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**Account Number:**

June 2021 Statement

**Account Summary**

Total Deposit:	0.00	Beginning Balance:	6,334,606.47
Total Withdrawal:	0.00	Ending Balance:	6,334,606.47

BBARWA  
Monthly Investment Report  
July 2021

<u>INVESTMENT TYPE</u>	<u>COST</u>	<u>FAIR MARKET VALUE (1)</u>	<u>YEAR TO DATE INTEREST(2)</u>	<u>INTEREST RATE</u>	<u>MATURITY DATE</u>
LOCAL AGENCY INVESTMENT FUND	\$ 5,339,375	\$ 5,339,818	4,768	0.221%	DAILY
TOTAL	\$ 5,339,375	\$ 5,339,818	4,768		

The Investment Portfolio of the Big Bear Area Regional Wastewater Agency is in compliance with the investment policy approved in Sept 2020. The Agency will be able to meet its expenditure requirements for the next six months.

(1) LOCAL AGENCY INVESTMENT FUND (LAIF) IS A STATE-RUN INVESTMENT POOL PROVIDED FOR PUBLIC AGENCIES. THE LAIF MARKET VALUE SHOWN ON THIS TREASURER'S REPORT REPRESENTS BBARWA'S SHARE OF THE **LIQUID VALUE** OF LAIF'S PORTFOLIO IF IT WAS LIQUIDATED AS OF THE END OF THE REPORTED MONTH. THIS NUMBER SERVES AS AN INDICATOR OF WHETHER OR NOT THE **MARKET VALUE** OF LAIF'S INVESTMENTS IS ABOVE OR BELOW THE **COST** OF THOSE INVESTMENTS.

(2) Interest paid quarterly on LAIF investment. Amount reflects interest income received at the reporting date during FY 2022 and excludes accrued interest.

Attachment (s): Monthly LAIF Statement

# California State Treasurer

## Fiona Ma, CPA



Local Agency Investment Fund  
P.O. Box 942809  
Sacramento, CA 94209-0001  
(916) 653-3001

August 03, 2021

[LAIF Home](#)  
[PMIA Average Monthly Yields](#)

BIG BEAR AREA REGIONAL WASTEWATER AGENCY

FINANCE MANAGER  
P.O. BOX 517  
BIG BEAR CITY, CA 92314

[Tran Type Definitions](#)

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**Account Number:**

July 2021 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
7/9/2021	7/8/2021	RW	1678328	N/A	JENNIFER MCCULLAR	-500,000.00
7/15/2021	7/14/2021	QRD	1679812	N/A	SYSTEM	4,768.40
7/30/2021	7/29/2021	RW	1682287	N/A	JENNIFER MCCULLAR	-500,000.00

### Account Summary

Total Deposit:	4,768.40	Beginning Balance:	6,334,606.47
Total Withdrawal:	-1,000,000.00	Ending Balance:	5,339,374.87



Big Bear Area Regional  
Wastewater Agency  
*Jim Miller – Chair*  
*Rick Herrick – Vice-Chair*  
*Karyn Oxandaboure – Director*  
*John Green – Director*  
*Bynette Mote – Director*

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## **AGENDA ITEM: 7.D.**

**MEETING DATE:** August 25, 2021

**TO:** Governing Board of the Big Bear Area Regional Wastewater Agency

**FROM:** David Lawrence, P.E., General Manager

**PREPARED BY:** Jennifer McCullar, Finance Manager

**SUBJECT:** Resolution No. R.09-2021, A Resolution of the Governing Board of the Big Bear Area Regional Wastewater Agency Adopting the Annual Statement of Investment Policy

### **BACKGROUND:**

The Annual Statement of Investment Policy is attached as Exhibit A to Resolution No. R.09-2021. The state legislature encourages local agencies to review the investment policy annually to ensure that public funds are being invested in safe and liquid vehicles. The investment policy and resolution remain unchanged from the prior year.

### **FINANCIAL IMPACT:**

There is no financial impact.

### **RECOMMENDATION:**

Approve

### **ATTACHMENT:**

Resolution No. R. 09-2021

**RESOLUTION NO. R. 09-2021**

**A RESOLUTION OF THE GOVERNING BOARD OF THE  
BIG BEAR AREA REGIONAL WASTEWATER AGENCY  
ADOPTING THE ANNUAL STATEMENT OF INVESTMENT POLICY**

**WHEREAS**, the Governing Board has heretofore established general funds from which monies may be expended for general operating purposes; and

**WHEREAS**, the Governing Board has, in addition, established designated funds from which monies may be expended for specific purposes only; and

**WHEREAS**, the Big Bear Area Regional Wastewater Agency has on hand in the general and designated funds, from time to time, monies that are not required for immediate expenditure; and

**WHEREAS**, it has been determined to be in the public interest to invest such monies in a manner that seeks to ensure the preservation of capital while meeting the liquidity needs of the Agency;

**NOW, THEREFORE, BE IT RESOLVED**, by the Governing Board of the Big Bear Area Regional Wastewater Agency that the Agency's Annual Statement of Investment Policy, attached hereto as Exhibit "A," is hereby approved and adopted and all prior resolutions or portions thereof that conflict with this resolution are rescinded and all prior resolutions or portions thereof that are repeated by this resolution are replaced.

**ADOPTED** this 25th day of August 2021.

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Jim Miller, Chair of the Governing Board  
Big Bear Area Regional Wastewater Agency

ATTEST:

I, Bridgette Burton, Secretary to the Governing Board of the Big Bear Area Regional Wastewater Agency, DO HEREBY CERTIFY that the foregoing Resolution of the Governing Board of the Big Bear Area Regional Wastewater Agency Adopting the Annual Statement of Investment Policy, being Resolution No. R. 09-2021, was adopted at a regular meeting on August 25, 2021, of said Agency by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

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Bridgette Burton, Secretary to the Governing Board  
Big Bear Area Regional Wastewater Agency

## **EXHIBIT “A”**

### **BIG BEAR AREA REGIONAL WASTEWATER AGENCY BOARD POLICY INVESTMENT**

#### **I. Policy Statement**

The Big Bear Area Regional Wastewater Agency (“Agency”) has been entrusted with a special privilege and a unique responsibility to manage and protect public dollars. When managing public funds, the Agency understands that investment success can not be measured in terms of achieving the highest possible return but must be measured in terms of prudent investing that utilizes uncommitted dollars in safe, short-term instruments to earn the Agency reasonable returns with the least amount of risk and to maintain adequate liquidity.

#### **II. Scope**

This investment policy applies to all financial assets of the Agency which include:

1. Idle short-term operating cash.
2. Deposits held by fiscal agents, in accordance with the provisions of the applicable debt agreements, not necessarily limited to the specific investment types authorized under Section IV, Authorized Investments, set forth in this policy.
3. Restricted designated funds.

#### **III. Objective**

The primary objectives, in priority order, of the Agency’s investment activities shall be:

1. **Safety:** Safety of principal is the foremost objective of the investment program. Investments of the Agency shall be undertaken in a manner that seeks to ensure the preservation of capital.

2. **Liquidity:** The Agency's investment portfolio will remain sufficiently liquid to meet all operating requirements.
3. **Yield:** The investment portfolio shall be designed with the objective of attaining a rate of return commensurate with the Agency's investment risk constraints and liquidity needs. Return on investment is of least importance compared to the safety and liquidity objectives described above.

#### **IV. Authorized Investments**

The following investments will be permitted by this policy and are authorized pursuant to California Government Code 53600 et seq.:

1. The Local Agency Investment Fund (LAIF) managed by the Treasurer of the State of California.
2. Certificates of Deposit insured by the Federal Deposit Insurance Corporation. Maturities are not to exceed two years from the date of purchase. Purchases may not exceed 30 percent of the Agency's surplus money.
3. United States Treasury Bills, Notes and Bonds for which the full faith and credit of the United States are pledged for the payment of principal and interest. Maturities are not to exceed two years from the date of purchase.
4. Triple-A rated money market mutual funds regulated by the Securities and Exchange Commission and whose portfolios consist only of United States Treasury securities.

**V. Delegation of Authority**

Management responsibility for the investment program is hereby delegated to the Finance Manager and the General Manager of the Agency, who may invest the Agency's funds consistent with this investment policy and who shall establish procedures and a system of controls for the operation of the investment program consistent with this investment policy.

**VI. Reporting**

The Finance Manager shall render an investment report to the General Manager and the Governing Board of the Agency on a monthly basis.

1. The investment report shall include the type of investment, institution, date of maturity, par and dollar amount invested on all securities, interest rate, share of the liquid value, investments and monies held by the Agency, and shall additionally, include a description of any of the Agency's funds, investments or programs, that are under the management of contracted parties, including lending programs. With respect to all securities held by the Agency, and under management of any outside party that is not also a local agency or the State of California Local Agency Investment Fund, the report shall also include a current market value as of the date of the report.
2. The investment report shall include a statement denoting the ability of the local agency to meet its expenditure requirements for the next six months or an explanation as to why sufficient money will not or may not be available.

**VII. Standards of Care****1. Prudence**

The Governing Board, General Manager and Finance Manager of the Agency are trustees and therefore fiduciaries subject to the prudent investor standard. When investing, reinvesting, purchasing, acquiring, exchanging, selling and managing public funds, a trustee shall act with care, skill, prudence and diligence under the circumstances then prevailing, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the Agency.

**2. Ethics and Conflicts of Interest**

In the manner required by applicable law, Officers and Employees involved in the investment process shall refrain from personal business activity that could conflict with the proper execution and management of the investment program, or that could impair their ability to make impartial decisions.

**VIII. Policy Adoption**

The Governing Board shall adopt the Agency's investment policy on an annual basis at a public meeting. Any modifications to the policy shall also be considered at a public meeting.



Big Bear Area Regional  
Wastewater Agency  
*Jim Miller – Chair*  
*Rick Herrick – Vice-Chair*  
*Karyn Oxandaboure – Director*  
*John Green – Director*  
*Bynette Mote – Director*

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**AGENDA ITEM: 11.A.**

**MEETING DATE:** August 25, 2021

**TO:** Governing Board of the Big Bear Area Regional Wastewater Agency

**FROM:** David Lawrence, P.E., General Manager

**PREPARED BY:** Jennifer McCullar, Finance Manager

**SUBJECT:** Replenish Big Bear Funding Options

**BACKGROUND:**

During the June 23, 2021 special meeting and workshop for the Replenish Big Bear Project (RBB), there was some discussion related to the potential options to raise revenue for RBB. The attached table has been prepared by Lutfi Kharuf, special counsel Best Best and Krieger, to inform the Board of the available revenue-raising options and aid in future decision making.

**FINANCIAL IMPACT:**

There is no financial impact.

**RECOMMENDATION:**

This material is for informational purposes only.

**ATTACHMENT:**

Replenish Big Bear Funding Options Table

## Replenish Big Bear Funding Options

<b><i>Funding Source</i></b>	<b><i>Voter Approval Requirements</i></b>	<b><i>Timing</i></b>	<b><i>Notes</i></b>	<b><i>Should BBARWA pursue this option?</i></b>
Existing Fee Authority	N/A	With next budget cycle.	The Operating Agreement, as amended and supplemented, authorizes BBARWA to include costs for operating the regional sewerage system (including certain collection, treatment and disposal costs) in the budget. The budget is passed through to the Collecting Agencies.	This option is possible. It continues to pass through the cost of treatment and disposal to the existing collecting agencies. This option may require an amendment to the Agency's operating agreement with the Collecting Agencies.
Benefit Assessment	Majority landowner approval, with ballots weighted based on the amount of the assessment for the parcel.	Minimum of 3 months, however it may take much longer to conduct a rate study and produce an engineer's report, as well as conduct sufficient property owner education.	A benefit assessment is limited to the "special benefit" conferred on each parcel. This means that a benefit assessment can only recover costs associated with improvements that provide a benefit to each paying parcel that is particular and distinct, and is different from the benefits enjoyed by the public at large.	This option is unlikely. Under this method, BBARWA would need to identify a specific benefit from the project that only accrues to certain parcels and not to any other parcels. Understanding that neither the proximity to the lake nor the enhancement of property values qualify as a special benefit, it is difficult to identify a special benefit that would apply. Further, the project benefits may change over time with the possibility of a change in project water uses.
Community Facilities District	Majority protest proceeding of registered voters, followed by a special tax election. Two-thirds voter approval of the registered voters.	Minimum of 120 days, but may take between 9 to 15 months (or more) to put together a fair tax methodology, conduct voter education, and hold the election.	A "community facilities district" levies a special parcel tax, more commonly known as a "Mello-Roos Tax." The tax can be structured with significant flexibility based on benefits or any other approach, except assessed value.	This option is possible; however it may be the least favorable compared to the other possible options due to the negative public perception associated with a Mello-Roos tax.
Special Parcel Tax	Two-thirds voter approval of the registered voters	The election can be held a minimum of 88 days after it is called, but we recommend between 9 to 15 months to ensure that the tax is properly structured to meet BBARWA's needs and proper outreach.		This option is possible. This method applies a flat rate across all parcels and should be considered compared to the first option, or the existing fee authority.



Big Bear Area Regional  
Wastewater Agency  
*Jim Miller – Chair*  
*Rick Herrick – Vice-Chair*  
*Karyn Oxandaboure – Director*  
*John Green – Director*  
*Bynette Mote – Director*

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## **AGENDA ITEM: 11.B.**

**MEETING DATE:** August 25, 2021

**TO:** Governing Board of the Big Bear Area Regional Wastewater Agency

**FROM:** David Lawrence, P.E., General Manager

**PREPARED BY:** Jennifer McCullar, Finance Manager

**SUBJECT:** Appropriate \$43,650 for a New Rate Study Covering Current Rates, Rates Associated with Replenish Big Bear, Waste Hauler Fees, and Connection Fees

### **BACKGROUND & DISCUSSION:**

Funding the Replenish Big Bear Project (RBB), including the pre-construction costs associated with engineering, design, and environmental work requires an increase in BBARWA's rates. The Agency's current rates are structured to cover current operations and planned capital expenditures and do not include costs associated with RBB. Continuing to fund expenses associated with RBB under the Agency's current rate structure would ultimately result in a crowding out of BBARWA's capital and operating needs.

To establish and structure the necessary rate increases needed to fund RBB, a new rate study is required. The costs associated with RBB will ramp up over time as we move from preliminary engineering and design to final design, and then to construction and operation. The expected rate schedule will need to reflect this ramp up and as a result, the new rate study will establish rates over a longer period of 10 years, compared to a normal five-year rate schedule.

The new rate study will include a comprehensive review covering the Agency's current rates, rates associated with RBB, waste hauler fees, and connection fees.

### **FINANCIAL IMPACT:**

There are adequate funds available in the Contingency Fund to make the \$43,650 appropriation. The initial rate study with HDR Engineering, Inc. (HDR) in 2010 was approximately \$49,000, and the most recent study in 2018 was approximately \$40,000. The current proposal of up to \$43,650 seems reasonable considering the additional work and analysis related to RBB and the 10-year time horizon involved.

### **RECOMMENDATION:**

Appropriate \$43,650 for the new rate study from the Contingency Fund and authorize the General Manager to execute an agreement with HDR in an amount not to exceed \$43,650.



Big Bear Area Regional  
Wastewater Agency  
*Jim Miller – Chair*  
*Rick Herrick – Vice-Chair*  
*Karyn Oxandaboure – Director*  
*John Green – Director*  
*Bynette Mote – Director*

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**AGENDA ITEM: 11.C.**

**MEETING DATE:** August 25, 2021

**TO:** Governing Board of the Big Bear Area Regional Wastewater Agency

**FROM:** David Lawrence, P.E., General Manager

**REVIEWED BY:** Jennifer McCullar, Finance Manager

**SUBJECT:** Replenish Big Bear Project Benefits, Memorandum of Understanding

**BACKGROUND & DISCUSSION:**

On May 26, 2021, the Governing Board directed staff to develop a benefits memorandum of understanding (MOU) that identified the beneficiaries and related benefits of the Replenish Big Bear Project (the Project). The goal of the MOU is to identify users of the Project water and any other parties that may receive value from the Project water (together, the “Beneficiaries”). It is anticipated that the Beneficiaries may contribute toward the costs of the Project water in a manner that is relative to the benefits or direct use of the Project water.

Attached is a draft MOU for Governing Board consideration. Beneficiaries may submit comments after the Governing Board’s review.

**FINANCIAL IMPACT:**

There is no financial impact.

**RECOMMENDATION:**

Authorize the General Manager to negotiate and execute the Replenish Big Bear Project Benefits, Memorandum of Understanding.

**ATTACHMENT:**

Draft Replenish Big Bear Project Benefits, Memorandum of Understanding

## **Replenish Big Bear Project Benefits**

### **Memorandum of Understanding**

This Memorandum of Understanding (MOU) is dated September 1, 2021 and is made by and among the Big Bear Area Regional Wastewater Agency (BBARWA) and the Beneficiaries identified as signatories hereto and as defined below.

**WHEREAS**, BBARWA currently discharges Big Bear Valley's treated wastewater and thus, extracted groundwater to Lucerne Valley and is now considering the Replenish Big Bear Project (the Project) to return this water back to the Big Bear Valley primarily to improve water quality and groundwater sustainability for today and tomorrow, to provide ecological benefits, and to enhance the human welfare and economic well-being of the community. Protecting the community's drinking water and preserving opportunities for future generations is at the forefront of this effort and is critical for Big Bear Valley, where alternative water supplies are not available and the scarcity of water is increasingly imminent with recent rainfall fluctuations and climate change projections. This situation drives the high value associated with securing this water today.

**WHEREAS**, the Project as currently structured will return approximately 650 million gallons or 2,000 AF (acre feet) of water on average each year to the Big Bear Valley (the Project Water). The Project Water has been allocated for the following uses: 1) groundwater recharge to provide drinking water and other municipal or commercial uses, 2) to contribute to habitat for endangered species and the preservation of wildlife, and 3) to increase the level of Big Bear Lake.

**WHEREAS**, to provide the water uses as outlined above the water quality will be high and BBARWA will incur costs — pre-construction, construction, and ongoing operational and maintenance costs. It is BBARWA's intention to allocate the Project Water costs as equitably as possible among its ratepayers and potential project beneficiaries.

**WHEREAS**, through this MOU users of the Project Water and any other parties that may receive value from the Project Water (together, the "Beneficiaries") will be identified. It is anticipated that the Beneficiaries may contribute toward the costs of the Project Water in a manner that is relative to the benefits or direct use of the Project Water.

The difficulty in valuing the Project Water for groundwater and ecological uses, cannot be overstated. There are multiple limitations and uncertainties along with a lack of knowledge related to physical, biological and hydrological relationships. Valuing Project Water for commercial and economic use is also challenging. It is understood that any contributions provided by the Beneficiaries will likely be based on estimates and assumptions used by each Beneficiary to estimate their specific benefit. These contributions may only be "reasonable" in nature and not necessarily supported by specific economic information. The Beneficiaries' willingness to contribute to the Project, including that of BBARWA's ratepayers, will be the cornerstone of the Project's feasibility going forward. This MOU is an attempt to identify the

Beneficiaries and ultimately to understand their ability, desire and willingness to contribute to this momentous project.

**NOW, THEREFORE**, to facilitate this Project, the Beneficiaries and related Project Water uses and benefits, are agreed to as follows:

**The Big Bear Area Regional Wastewater Agency (a wastewater agency)**

BBARWA was formed by a Joint Exercise of Powers Agreement on March 22, 1974, that stated as part of its purpose “to include facilities for the reclamation of wastewater[.]” BBARWA’s mission is to efficiently collect, treat and beneficially reuse wastewater and biosolids in an environmentally and fiscally responsible manner. BBARWA has three member agencies: San Bernardino County Service Area 53B, Big Bear City Community Services District, and the City of Big Bear Lake.

BENEFICIARIES: Agency Ratepayers

**PROJECT WATER USES AND BENEFITS:**

The Project is consistent with BBARWA’s mission statement and strategic goal of water reclamation. BBARWA will not have a specific use of the Project Water but will allocate the water for specific uses. BBARWA’s ratepayers will broadly benefit from the Project including access to increased groundwater supplies (today and future generations), the maintenance and restoration of habitat for wildlife and endangered species, sustaining the economic well-being of the community and the continued delivery of goods and services as currently provided, the visual amenities associated with a fuller Big Bear Lake and a healthy mountain environment, preservation of and access to a recreational lake, and increased fire protection capacity associated with an increase in municipal water supplies.

**City of Big Bear Lake Department of Water and Power (DWP) (a municipal water agency)**

The DWP provides water service to approximately 15,520 customers in the Big Bear Valley including the City of Big Bear Lake, located along the south side of the Lake, as well as unincorporated communities of Fawnskin, Sugarloaf, Erwin Lake, and Lake Williams areas. Water is supplied to customers by pumping groundwater from local aquifers. The DWP focuses on service, quality, community, and their mission is to cost-effectively deliver quality water to meet the needs of their current and future customers.

BENEFICIARIES: DWP and Customers

**PROJECT WATER USES AND BENEFITS:**

The DWP will have access to lake water to recharge its Sand Canyon aquifer up to 380 AF annually. If Big Bear Resorts (BBR) purchases lake water from the Municipal Water District for mountain operations rather than pumping this water from its well, the DWP may benefit from an “in-lieu” groundwater recharge of up to 120 AF annually.

There is economic value to the DWP and its customers to increased groundwater and access to groundwater supplies today and in the future. This value is driven by factors associated with hydrologic and recharge information, economic estimates of water demand (and how it might be affected by economic, climate or social forces), the availability of water supply substitutes and how these factors impact labor, capital and material.

**Big Bear City Community Services District (CSD) (a municipal water agency)**

The CSD provides water, wastewater collection, fire protection and emergency medical services, solid waste collection, and street lighting services. The CSD's water service area includes Big Bear City and portions of San Bernardino County. Its wastewater collection includes Big Bear City and portions of the unincorporated communities of Sugarloaf, Erwin Lake, Whispering Forest, and Moonridge. The CSD's mission is to serve its customers with clean and safe water, and to provide collection of solid waste and wastewater in a fiscally responsible manner.

BENEFICIARIES: CSD and Customers

**PROJECT WATER USES AND BENEFITS:**

It is estimated that the CSD will use up to approximately 80 AF of Project Water annually to benefit the endangered Unarmored Threespined Stickleback Fish habitat in Shay Pond. This Project Water will be used instead of groundwater and thus will provide an "in lieu" recharge of up to 80 AF annually to the CSD. Also, through an interconnect with the DWP, the CSD will benefit from the DWP's recharge of its Sand Canyon aquifer up to 380 AF annually.

There is economic value to the CSD and its customers to increased groundwater and access to groundwater supplies today and in the future. This value is driven by factors associated with hydrologic and recharge information, economic estimates of water demand (and how it might be affected by economic, climate or social forces), the availability of water supply substitutes and how these factors impact labor, capital, and material.

**Big Bear Lake Municipal Water District (MWD) (a lake management agency)**

The MWD was formed in 1964 as a special district responsible for the overall management of Big Bear Lake (the Lake). The primary responsibilities of the MWD are stabilization of the Lake level by purchasing water in-lieu of releases to Bear Valley Mutual Water Company, watershed/water quality management, recreation management, wildlife habitat preservation and enhancement, and Bear Valley Dam and Reservoir maintenance.

BENEFICIARIES: MWD and Customers

**PROJECT WATER USES AND BENEFITS:**

Approximately 1,920 AF of Project Water will flow into the Lake each year, of which 380 AF will be available to the DWP for groundwater recharge and 120 AF will be available to BBR for purchase to provide water for mountain operations.

There is an economic impact to the MWD and its customers as a result of a fuller lake. This economic impact is driven by 1) how lake levels affect (a) lake management agreements and how these agreements impact in-lieu water purchases, (b) lake management and maintenance and how these changes are reflected in labor, capital and material costs, (c) the recreational use of the lake, such as higher revenues associated with higher use permits and higher variable costs associated with higher lake use, (d) wildlife habitat preservation, (e) lake water quality and (f) enhancement activities and 2) the sale of water to BBR for mountain operations.

The MWD will also provide economic benefits to the Project by 1) serving as a reservoir for groundwater until such time as the water is recharged to the Sand Canyon aquifer and 2) performing regulatory lake offset requirements if needed.

**City of Big Bear Lake (a municipal government agency)**

The City of Big Bear Lake (CBBL) is a small city in the San Bernardino mountains located along the south shore of Big Bear Lake. It is a popular year-round resort destination, with the population surging to over 100,000 during many weekends of the year. Key industries include tourism and outdoor recreation, health and wellness, and real estate and construction. Top regional assets include ski resorts, Big Bear Lake, the San Bernardino National Forest, and hiking and biking trails.

BENEFICIARIES: CBBL and Constituents

**PROJECT WATER USES AND BENEFITS:**

The CBBL will not have a specific use of the Project Water but its constituents will broadly benefit from the Project including access to increased groundwater supplies (today and future generations), the maintenance and restoration of habitat for wildlife and endangered species, sustaining the economic well-being of the community and the continued delivery of goods and services as currently provided, the visual amenities associated with a fuller Big Bear Lake and a healthy mountain environment, preservation of and access to a recreational lake, and increased fire protection capacity associated with an increase in municipal water supplies.

There is economic value to the CBBL resulting from the economic impact of 1) the Project Water on Big Bear Lake and 2) water sustainability on the local economy. The economic value to the CBBL is driven by factors associated with how a fuller lake impacts the economy and tourism and how water sustainability impacts tourism, recreation, real estate values, commercial activity and new development and overall economic activity.

**County of San Bernardino (the County) (a municipal government agency)**

The County of San Bernardino governs certain unincorporated areas of the Big Bear Valley. The County of San Bernardino believes that water is one of our greatest natural resources and is developing a comprehensive countywide strategy for water management that encourages collaboration among businesses, residents, municipal governments, and water agencies that will address multiple watersheds and water agencies, build institutional and organizational capacity for future countywide planning efforts, and create mutually beneficial investment opportunities

to ensure adequate water supplies and quality to support future population growth within the County.

BENEFICIARIES: County and Constituents

PROJECT WATER USES AND BENEFITS:

The County will not have a specific use of the Project Water but its constituents will broadly benefit from the Project including access to increased groundwater supplies (today and future generations), the maintenance and restoration of habitat for wildlife and endangered species, sustaining the economic well-being of the community and the continued delivery of goods and services as currently provided, the visual amenities associated with a fuller Big Bear Lake and a healthy mountain environment, preservation of and access to a recreational lake, and increased fire protection capacity associated with an increase in municipal water supplies.

There is economic value to the County resulting from the economic impact of 1) the Project Water on Big Bear Lake and 2) water sustainability on the local economy. The economic value to the County is driven by factors associated with how a fuller lake impacts the economy and tourism and how water sustainability impacts tourism, recreation, real estate values, commercial activity and new development and overall economic activity.

**Visit Big Bear (a marketing agency)**

Visit Big Bear is the official destination marketing organization for Big Bear Lake and is funded through community partnership and the Tourism Business Improvement District (TBID). Its destination goal is to be the internationally recognized Southern California Mountain Lake Escape, offering visitors a year-round transformational experience. Its organization goal is to act as a catalyst for destination-wide cooperation to enhance the region's brand awareness, event calendar and the positive impacts that visitors will provide in the region.

BENEFICIARIES: Visit Big Bear Partners and Visitors

PROJECT WATER USES AND BENEFITS:

While Visit Big Bear Partners will not have specific uses of the Project Water, there is an economic benefit to Visit Big Bear Partners (the Partners) resulting from the economic impact of 1) the Project Water on Big Bear Lake and 2) water sustainability on tourism. The economic value to the Partners is driven by factors associated with how a fuller lake impacts the economy and tourism and how water sustainability impacts tourism, recreation, and overall economic activity.

The Visitors, similar to residents, will broadly benefit from the Project which will maintain the Visitor's "destination experience", including access to increased groundwater supplies, the maintenance and restoration of habitat for wildlife and endangered species, sustaining the economic well-being of the Big Bear Lake destination and the continued delivery of goods and services as currently provided, the visual amenities associated with a fuller Big Bear Lake and a

healthy mountain environment, preservation of and access to a recreational lake and other recreational opportunities, and increased fire protection capacity associated with an increase in municipal water supplies.

### **The Project Benefits - Quantifying Benefits and Contributions**

This MOU, as outlined above, includes the Project Water users and the most direct beneficiaries of the Project. It should be recognized that any Beneficiary contributions that may result from the Project benefits will likely be based the Beneficiary's estimated economic benefit and the Beneficiary's willingness to pay. It should also be recognized that the Project has social and environmental benefits that are difficult to quantify, such as a reliable, convenient and safe source of water and the environmental benefits from ecosystem improvements. While these benefits are extremely valuable, especially during a period of water scarcity, they are difficult to quantify and to incorporate into a cost and benefit analysis in an attempt to economically justify the Project. The following is a comprehensive list of benefits by category that captures the broader scope of improvements related to the Project.

*Water Sustainability:* The Project will create opportunities for future beneficial reuse, provide a reliable and sustainable water supply by increasing natural groundwater recharge and in-lieu recharge, increase resiliency to drought by reducing stress to the water supply infrastructure that can be impacted by severe droughts and climate change, and provide a drought resistant source of water that results in widespread benefits despite changing weather patterns and reduced rainfall.

*Environmental Stewardship:* The Project will create an opportunity for ecosystem restoration, protect ecological assets by providing a consistent water source to sustain 145 acres of wetland habitat at Stanfield Marsh, create a new inflow to Big Bear Lake, improve aquatic and riparian habitat by maintaining wetted habitat for over 300 acres of Lake edge, sustain 10 acres of habitat for the Unarmored Three-spined Stickleback Fish at Shay Pond, provide a consistent and drought-proof water source to restore wetland habitat and sustain our area's diverse species, improve management of downstream releases to lessen the impact to fish and wildlife in Bear Creek and the Santa Ana River, reduce the water demand from the State Water Project and could make more water available to support federally endangered and protected fish species in the Bay-Delta. Improved water levels at Stanfield Marsh will increase educational opportunities for the community and visitors and will establish community involvement in environmental stewardship and education of recycled water production.

*Economic Development, Growth and Sustainability:* The Project will protect investments in the community from the negative impacts of long-term drought and unreliable water supplies and will contribute to sustained economic activity and growth by improving access to recreation, increasing Lake usability, sustaining quality goods and services to the tourism industry, and sustaining and driving real estate values, employment, commercial activity, new development and overall economic activity.

*Protection and Public Safety:* The Project will increase public protection and safety by increasing municipal water supplies for fire protection.

**COUNTERPARTS.** This MOU may be executed in counterparts, each of which shall have the effect of and be considered as an original of this MOU.

**IN WITNESS WHEREOF**, this Memorandum of Understanding has been executed by the Project Beneficiaries.

BIG BEAR AREA REGIONAL WASTEWATER AGENCY

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

CITY OF BIG BEAR LAKE, DEPARTMENT OF WATER AND POWER

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

BIG BEAR CITY COMMUNITY SERVICES DISTRICT

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

BIG BEAR MUNICIPAL WATER DISTRICT

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

CITY OF BIG BEAR LAKE

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

COUNTY OF SAN BERNARDINO

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

VISIT BIG BEAR

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



Big Bear Area Regional  
Wastewater Agency  
*Jim Miller – Chair*  
*Rick Herrick – Vice-Chair*  
*Karyn Oxandaboure – Director*  
*John Green – Director*  
*Bynette Mote – Director*

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## **AGENDA ITEM: 11.D.**

**MEETING DATE:** August 25, 2021

**TO:** Governing Board of the Big Bear Area Regional Wastewater Agency

**FROM:** David Lawrence, P.E., General Manager

**REVIEWED BY:** Jennifer McCullar, Finance Manager

**SUBJECT:** Sale of BBARWA Renewable Energy Credits

### **BACKGROUND:**

On December 4, 2019, the Governing Board authorized the Agency to enter into a solar power purchase agreement (the Agreement), whereby the seller would install, own and operate a solar panel system on Agency property and lease such property from the Agency, and whereby the Agency would purchase power generated from the solar panel system from the seller. The full project entailed (1) the installation of solar photovoltaic panels, which generate up to 1.676 megawatts of power to support BBARWA facilities and operations; (2) the regrading of one of BBARWA's existing storage ponds, Pond 5, to support the installation of the solar photovoltaic panels; (3) the installation of a carport (with a proper foundation and a roof) at the BBARWA Administration Building for additional solar panels; and (4) the periodic maintenance of the solar facility, including washing of the panels.

### **DISCUSSION:**

As part of the Agreement, BBARWA maintains ownership of any environmental attributes related to the production of electrical energy from the solar panel system, which in this case, includes renewable energy credits (RECs). An REC is a market-based instrument that represents rights to the environmental attributes of renewable electricity generation and are issued when one megawatt-hour of electricity is generated and delivered to the electricity grid from a renewable energy source. RECs trade in a private market and are typically bundled by brokers in a large amount (10 megawatts and higher) and sold to large corporations to offset their environmental impact.

BBARWA desires to sell the RECs generated from the production of the new solar panel system. The Agency was approached by Verdant Energy Services, LLC, who is interested in BBARWA's credits to bundle. Based on information we have gathered, the price offered for BBARWA's RECs is reasonable. This agreement is for three (3) years at which time renewing or looking for other opportunities may be considered. Based on the expected annual RECs of 3,247 and the \$5 rate per REC, the annual revenue is expected to be approximately \$16,000 per year.

The attached agreement has been reviewed by Agency counsel.

**FINANCIAL IMPACT:**

Execution of the agreement is expected to result in approximately \$16,000 per year in additional revenue for each of the next three years.

**RECOMMENDATION:**

Authorize the General Manager to negotiate and execute the Solar REC Purchase Agreement with Verdant Energy Services, LLC, to sell the renewable energy credits.

**ATTACHMENT:**

Draft Solar REC Purchase Agreement



## Solar REC Purchase Agreement

This Agreement is made and entered into as of \_\_\_\_\_, by and between Verdant Energy Services LLC ("VES"), a Florida Limited Liability Company, and the Big Bear Area Regional Wastewater Agency ("Company"), each of which may be referred to herein individually as a "Party" or collectively as the "Parties."

**Definitions:** The following terms have the respective meanings set forth below:

1. **"Renewable Energy Source"** means a solar, wind, biomass, geothermal, landfill, gas, or wave, tidal and thermal ocean technologies.
2. **"Renewable Energy Facility"** means an electric generation unit or other facility or installation that produces electric energy using a Renewable Energy Source.
3. **"Environmental Attribute"** means an aspect, claim, characteristic, or benefit associated with the generation of a quantity of electricity by a Renewable Energy Facility, other than the Energy produced, and that is capable of being measured, verified or calculated.
4. **"WREGIS"** means the Western Renewable Energy Generation Information System, an independent, renewable energy tracking system for the region covered by the Western Electricity Coordinating Council (WECC).
5. **"Renewable Energy Credit" ("REC")** means a certificate of proof, issued through WREGIS, and is associated with the generation of one (1) megawatt hour ("MWh") of electricity from one or more Renewable Energy Sources by a Renewable Energy Facility. . REC shall include all Environmental Attributes associated with the generation of such electricity as well as all related Product Reporting Rights. A REC is separate from the energy produced and may be separately transferred or conveyed.

**Terms:**

1. **Purchase and Sale.** Under this Agreement, Company agrees to sell and VES agrees to purchase the listed number of **RECs per year** (unit contingent) according to the basic commercial terms table below. The photovoltaic solar system (the "PV System") from which the RECs will be generated is installed / to be installed by Company at the location identified below and is located within the State of California.
2. **Purchase Price.** The purchase price for the RECs hereunder shall be expressed in dollars per megawatt hour (MWh), in the basic commercial terms table below, with one REC being generated for each MWh of power generated by the PV System. VES shall pay Customer the price provided in the basic commercial terms table below for RECs purchased hereunder. Such purchase price shall be payable in quarterly installments, based upon VES's receipt of RECs generated by the PV System in the immediately preceding quarter.
3. **Delivery Obligations.** Company's obligation to deliver the RECs herein is "Unit Contingent" where it will be excused to the extent the Renewable Energy Facility is not able to generate Environmental Attributes in the specified time period for any reason. In no event will Company have any liability to VES for the failure of the Renewable Energy Facility to generate RECs.
4. **Applicable Tracking System.** Company shall deliver to VES, and VES shall receive, the RECs by the Delivery Deadline via WREGIS, such that all rights, title to and interest in the RECs shall transfer from Company to VES upon such delivery and in accordance with the rules of WREGIS.
5. **Registration and Reporting.** Company agrees to assign VES all the Generating Unit rights associated with the RECs under this agreement. This includes registration, reporting, and all the rights associated with a Generating Unit and associated Certificates. Upon the termination of this Agreement for any reason, such assignment shall terminate and VES will execute all documents with WREGIS that may be necessary to return control of Generating Unit Rights to Company.



6. **Term.** The initial term of this agreement shall be listed in the basic commercial terms table below from the start date of the RECs generation in WREGIS or this agreement execution date whichever comes later.
7. **Company Obligations.** Company agrees to allow VES, or one of its service providers, to collect all the necessary information related to the PV system at the Company's Renewable Energy Facility to facilitate the registration and reporting of the RECs covered under this Agreement including but not limited to signing all required registration documents, PV system specifications and drawings, EIA number if applicable, utility interconnection and operation agreements, as well as registering the Renewable Energy Facility with a Qualified Reporting Entity (QRE) if required. For the avoidance of doubt, nothing contained herein grants VES the right to contract any liability or obligation for or on behalf of Company.
8. **Applicable Tracking System.** All the RECs covered under this Agreement shall be reported and tracked by WREGIS.

**Basic Commercial Terms:**

Term	36 months
Renewable Energy Facility Address	
Size of PV System (DC kW):	1,659.9 kW
Number of Annual RECs Generated	3,247 (Unit Contingent)
Contract Price (\$/REC):	5 USD

**For Verdant Energy Services LLC:**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Khalid Rustom

Title: \_\_\_\_\_

Managing Partner

Date: \_\_\_\_\_

**Company Name ("Company"):** \_\_\_\_\_

Big Bear Area Regional Wastewater Agency (BBARWA)

**EIN Number:** \_\_\_\_\_

Company Address: \_\_\_\_\_

121 Palomino Dr, Big Bear, CA 92314

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

David Lawrence

Title: \_\_\_\_\_

General Manager

Date: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_