



BOTTLE BAY
RECREATIONAL WATER & SEWER DISTRICT



**REGULAR
BOARD OF DIRECTORS
MEETING**

Via Zoom

October 17, 2023

4:00 pm

MEETING AGENDA

October 17, 2023 4 p.m.

Meeting is via Zoom

Link is available on District website: bottlebaydistrict.org

1. Call to Order (Behrens)
2. Announce Quorum Present
3. Introduce Attendees
4. General Public Comments to Board, limited to three minutes per comment
5. Approval of Written Minutes of September 19, 2023 regular meeting (Shearer) – **Action Item**
6. Treasurer’s Report (Davis)
 - Review Actual to Budget.
 - General Ledger (attached to agenda email)
 - Status of checking accounts & accounts in Local Government Investment Pool
 - Funds transfer from LGIP account.
 - FY 2023 Audit (final audit & management letter attached to agenda email)
 - **Resolution to Amend Capitalization Policy – Action Item**
 - Review paid invoices (invoices attached to agenda email)
7. Operations Report (Hansen)
8. Collections Report (Binnall)
 - Status report on capital and other construction projects
9. Permit and Compliance Matters (Behrens, Binnall)
 - Marina deck built over main line (Berg to write encroachment permit?) – **Action Item**
10. General Administrative Matters
 - Next meeting, Tuesday, November 21, 2023, 4pm via Zoom
11. Adjourn



**BOTTLE BAY RECREATIONAL
WATER AND SEWER DISTRICT REGULAR BOARD MEETINGS
September 19, 2023**

The Bottle Bay Recreational Water and Sewer District (BBRWSD) Annual & Regular Board meeting held by Zoom, was called to order at 4:03 p.m. by Chair Bill Berg, after verifying the required quorum. Board members present were: Bill Berg, Rob Behrens, Jon Davis and Steve Shearer. Also in attendance were Bob Hansen and Brent Bennall, RuthAnn Zigler, Recording Secretary. Absent: Jack Lensing. Guest Rick and Tammy Atteberry.

PUBLIC COMMENTS

There were no public comments.

CONSENT AGENDA

Steve Shearer made a motion to approve the August 14, 2023 regular Board meeting as presented. Rob Behrens seconded and the motion carried.

REPORTS

Treasurers Report

Status of checking accounts and accounts in Local Government Investment Pool: The Mt. West Bank (2094) account balance is \$47,782.45, Mt. West Bank (8384) account balance is \$14,222.44, LGIP1 account balance is \$84,138.76 and LGIP2 account balance is \$166,894.09.

Public Hearing – Amended Ordinances and Amended Rules & Regulations

There were no public comments.

Public Hearing Closed

2023-25 Rob Behrens made a motion to adopt Resolution 2023-25 to amend the General Ordinance No. 2021 “A”, Revision 1 as presented. Steve Shearer seconded and the motion carried.

2023-26 Rob Behrens made a motion to make a further amendment to the rules that require hookups to RV pads shall be a sealed system. Steve Shearer seconded and the motion carried.

2023-27 Rob Behrens made a motion to adopt Resolution 2023-26 as amended to the second revision of the Rules & Regulations. Steve Shearer seconded and the motion carried.

Operations Report

Status report on irrigation system maintenance: We have a lot of capacity. We have put out 5 million gallons of land application this season which is more than we put out in 2021 and 2022. At this time we are just maintaining the lagoons at empty status.

With the improvements we have been making, we have eliminated some of the main sources of I & I.

Collections Report

Capital improvement program: Overflow basin pump upgrades have been completed; nine (9) pump control upgrades have been completed with one (1) remaining; six (6) Airvac upgrades with main line connection have been completed with one (1) remaining; 17 main line connections upgrades have been completed; waiting on budget reconciliation before moving forward on tank replacements. There are four (4) tanks on hold at Bonner Concrete for delivery on October 2nd.

At 47 Pond Drive, Brent reported that he discovered that the garage was built over our main line. A letter will be sent to the homeowner that they will be responsible to move our main line if/when necessary.

Permit & Compliance Matters

Hookup #211 (Oakley) – determination of requirements: Application has been submitted and will be given to Brent to proceed.

Hookup #321 (Atteberry) – Hookup to RV pad: We have the application for the Atteberry's. Brent and Rob will walk the property to look at the proposed location for the tank.

Discussion

New website: Steve reported that the new website is up and functional. There are a few sections that we still need to update.

General Administrative Matters

Next meeting: The next meeting is scheduled for Tuesday, October 17, 2023 at 4:00 p.m. by Zoom.

ADJOURNMENT

The meeting was adjourned at 5:16 p.m.

Bottle Bay Water & Sewer District
Operational Income/Expenses - Budget vs. Actual
(unaudited)

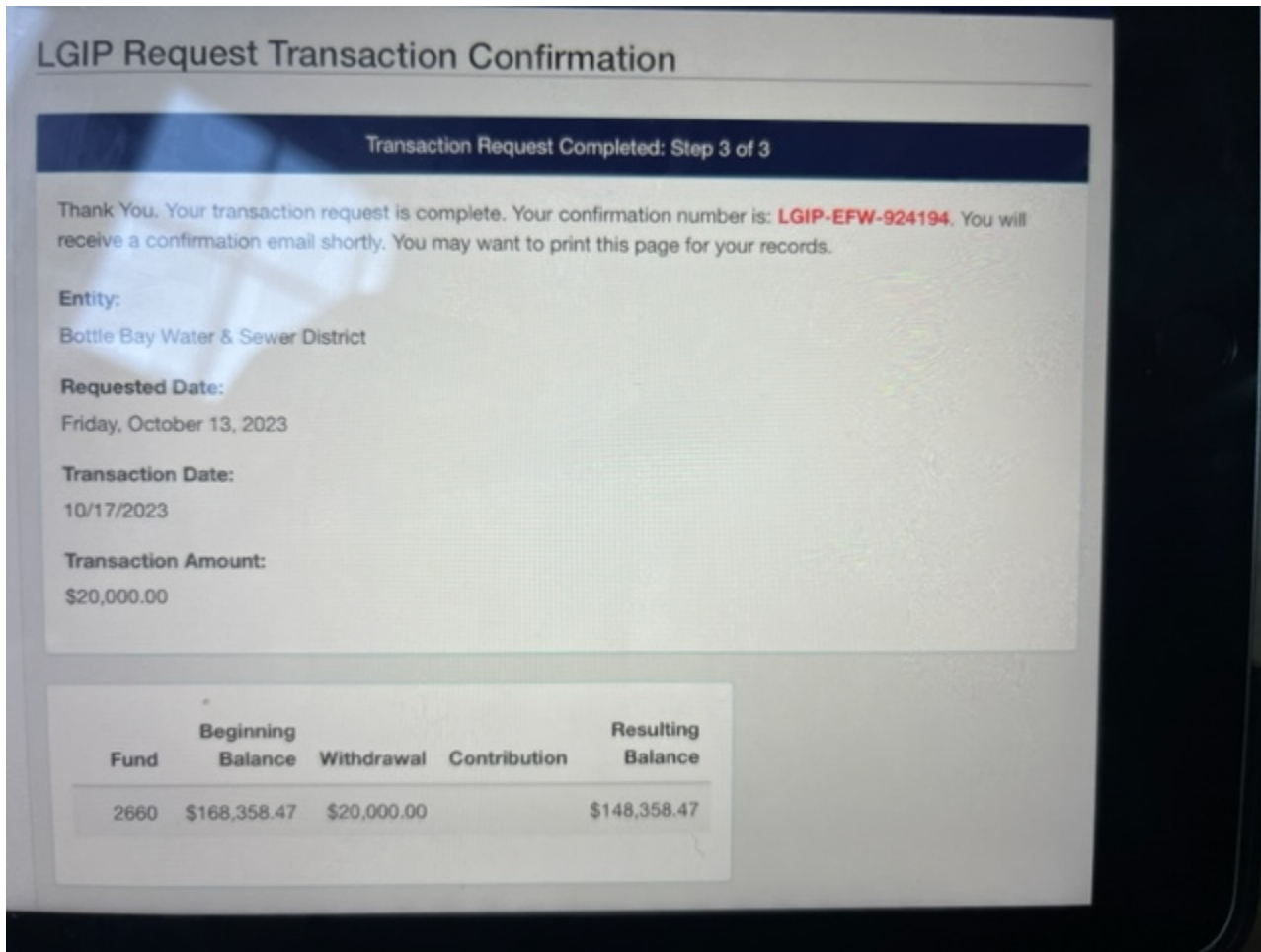
	Dec '22 - Nov 23	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
Non-Operating Revenue				
Interest Income	8,728.73	500.00	8,228.73	1,745.75%
Property Tax Levy	35,218.67	35,000.00	218.67	100.63%
WEP Sinking Fund	60,975.23	73,200.00	-12,224.77	83.3%
Total Non-Operating Revenue	104,922.63	108,700.00	-3,777.37	96.53%
Operating Revenues				
County Certified Payments	436.12	1,300.00	-863.88	33.55%
Permit Fees & Other Charges	1,873.46	4,100.00	-2,226.54	45.69%
System Operation Fees-Serviced	89,497.32	98,300.00	-8,802.68	91.05%
System Maintenance Fees-Basic	62,381.04	80,500.00	-18,118.96	77.49%
Total Operating Revenues	154,187.94	184,200.00	-30,012.06	83.71%
Total Income	259,110.57	292,900.00	-33,789.43	88.46%
Gross Profit	259,110.57	292,900.00	-33,789.43	88.46%
Expense				
Administration				
Information Services	0.00	5,000.00	-5,000.00	0.0%
Recording Sec	1,850.00	5,000.00	-3,150.00	37.0%
Accounting	14,253.60	8,300.00	5,953.60	171.73%
Legal Services	142.50	1,000.00	-857.50	14.25%
Audit Services	6,500.00	7,000.00	-500.00	92.86%
Insurance	2,069.00	2,100.00	-31.00	98.52%
Administration - Other	3,785.83	3,900.00	-114.17	97.07%
Total Administration	28,600.93	32,300.00	-3,699.07	88.55%
System Repairs & Replacement				
Supplies & Equipment	12,903.41	22,500.00	-9,596.59	57.35%
Capital Improvements	35,149.61	66,100.00	-30,950.39	53.18%
Tank Replacement & Capital Proj	30,220.57	44,000.00	-13,779.43	68.68%
Other Repairs	51,663.90	35,400.00	16,263.90	145.94%
Total System Repairs & Replacement	129,937.49	168,000.00	-38,062.51	77.34%
System Operation				
Utilities	3,636.19	7,200.00	-3,563.81	50.5%
Operating Chemicals	5,319.01	4,000.00	1,319.01	132.98%
Licensed Operator Contractor	68,425.00	82,200.00	-13,775.00	83.24%
License Compliance & Testing	4,525.00	9,100.00	-4,575.00	49.73%
Vehicle Expense	3,089.23	5,626.00	-2,536.77	54.91%
System Operation - Other	1,352.00	2,200.00	-848.00	61.46%
Total System Operation	86,346.43	110,326.00	-23,979.57	78.27%
Other Expenses				
White Property Expenses	16,500.00	18,000.00	-1,500.00	91.67%
Hook-up Buy Back	11,684.99			
Total Other Expenses	28,184.99	18,000.00	10,184.99	156.58%
Total Expense	273,069.84	328,626.00	-55,556.16	83.09%

Bottle Bay Water & Sewer District
Operational Income/Expenses - Budget vs. Actual
(unaudited)

	<u>Dec '22 - Nov 23</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
Net Ordinary Income	-13,959.27	-35,726.00	21,766.73	39.07%
Other Income/Expense				
Other Expense				
Non-Operating Expenses				
Interest Expense	23,777.57			
Total Non-Operating Expenses	<u>23,777.57</u>			
Total Other Expense	<u>23,777.57</u>			
Net Other Income	<u>-23,777.57</u>			
Net Income	<u><u>-37,736.84</u></u>	<u>-35,726.00</u>	<u>-2,010.84</u>	<u>105.63%</u>

William Berg

From: Jon Davis <snowfish1223@hotmail.com>
Sent: Friday, October 13, 2023 12:08 PM
To: Susan (accountant Sewer District) Shea; William Berg
Subject: LGIP transfer



Sent from my iPhone



OFFICE OF THE IDAHO STATE TREASURER

Julie A. Ellsworth, State Treasurer

LGIP Monthly Statement

Bottle Bay Water & Sewer District

Jon Davis
P.O. Box 304
Sagle, Idaho 83860

Statement Period

9/1/2023 through 9/30/2023

Summary

Beginning Balance	\$166,894.09	Fund Number	2660
Contributions	\$732.63	Distribution Yield	0.0000 %
Withdrawals	\$0.00	September Accrued Interest	\$0.00
Ending Balance	\$167,626.72	Average Daily Balance	\$0.00

Detail

Date	Activity	Status	Type	Amount	Balance
09/01/2023	Beginning Balance				\$166,894.09
09/01/2023	Contribution	Processed	August Reinvestment	\$732.63	\$167,626.72
09/30/2023	Ending Balance				\$167,626.72

Although every effort is made by the Idaho State Treasurer's Office to supply current and accurate information on this monthly statement, it is the responsibility of your agency to verify the enclosed information and report any discrepancies to the Fund Administrator. Please review your statement and report discrepancies within thirty days of the date of this statement.

An investment in the LGIP is not insured or guaranteed by the Federal Deposit Insurance Corporation (FDIC) or any other government agency. Although the LGIP seeks to preserve the value of your investment at \$1.00 per share, it is possible to lose money by investing in the LGIP.



OFFICE OF THE IDAHO STATE TREASURER

Julie A. Ellsworth, State Treasurer

LGIP Monthly Statement

Bottle Bay Water & Sewer District

Jon Davis
P.O. Box 304
Sagle, Idaho 83860

Statement Period

9/1/2023 through 9/30/2023

Summary

Beginning Balance	\$84,138.76	Fund Number	3613
Contributions	\$369.35	Distribution Yield	0.0000 %
Withdrawals	\$0.00	September Accrued Interest	\$0.00
Ending Balance	\$84,508.11	Average Daily Balance	\$0.00

Detail

Date	Activity	Status	Type	Amount	Balance
09/01/2023	Beginning Balance				\$84,138.76
09/01/2023	Contribution	Processed	August Reinvestment	\$369.35	\$84,508.11
09/30/2023	Ending Balance				\$84,508.11

Although every effort is made by the Idaho State Treasurer's Office to supply current and accurate information on this monthly statement, it is the responsibility of your agency to verify the enclosed information and report any discrepancies to the Fund Administrator. Please review your statement and report discrepancies within thirty days of the date of this statement.

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BOTTLE BAY RECREATIONAL WATER & SEWER
 DISTRICT
 PO BOX 304
 SAGLE ID 83860-0304

***** CHECKING ACCOUNTS *****

Account Title: BOTTLE BAY RECREATIONAL WATER & SEWER
 DISTRICT

TOTALLY FREE BUSINESS CHECKING		Number of Enclosures	6
Account Number	@XXXXXXXXXXXX@2094	Statement Dates	9/01/23 thru 10/01/23
Previous Balance	55,254.41	Days in the statement period	31
5 Deposits/Credits	7,952.60	Average Ledger	46,346.53
9 Checks/Debits	29,463.48	Average Collected	46,346.53
Service Charge	.00		
Interest Paid	.00		
Ending Balance	33,743.53		

Deposits and Additions

Date	Description	Deposits
9/01	BOTTLE BAY REC PAYMENTS PPD	378.00
	Bottle Bay	
9/08	DDA Regular Deposit	3,066.67
9/15	DDA Regular Deposit	756.00
9/15	DDA Regular Deposit	850.00
9/29	DDA Regular Deposit	2,901.93

Debits and Withdrawals

Date	Description	Withdrawals
9/01	Bill Paid-JAMES WHITE Conf #12 8	1,500.00-
9/05	CHECK 500029 VISA	51.25-
9/08	AVISTA COM AUTOP BILL PAY CCD 19161939741 031101117462971	421.78-
9/15	Bill Paid-BONNER COUNTY DAILY BEE Conf #137	170.93-
9/15	Bill Paid-CONSOLIDATED SUPPLY COMPANY Conf #139	2,002.55-
9/20	BOTTLE BAY REC WEP Xfr PPD	9,252.85-

TOTALLY FREE BUSINESS CHECKING @XXXXXXXXXXXX@2094 (Continued)

Debits and Withdrawals

Date	Description	Withdrawals
9/20	Bottle Bay Operation BOTTLE BAY REC AP	15,461.46-
	PPD	
9/22	Bottle Bay Operating CHECK 500030	590.66-
9/29	CO-OP SUPPLY Cash Management Monthly Fee	12.00-

Checks in Number Order

9/05 500029 51.25 9/22 500030 590.66

* Denotes missing check numbers

Daily Balance Information

Date	Balance	Date	Balance	Date	Balance
9/01	54,132.41	9/15	56,158.57	9/29	33,743.53
9/05	54,081.16	9/20	31,444.26		
9/08	56,726.05	9/22	30,853.60		

Date 9/29/23 Page 1
 Primary Account @XXXXXXXXXXXX@8384

BOTTLE BAY RECREATIONAL WATER & SEWER
 DISTRICT WASTEWATER EXPANSION PROJECT
 PO BOX 304
 SAGLE ID 83860-0304

***** CHECKING ACCOUNTS *****

Account Title: BOTTLE BAY RECREATIONAL WATER & SEWER
 DISTRICT WASTEWATER EXPANSION PROJECT

TOTALLY FREE BUSINESS CHECKING		Number of Enclosures	0
Account Number	@XXXXXXXXXXXX@8384	Statement Dates	9/01/23 thru 10/01/23
Previous Balance	14,222.44	Days in the statement period	31
1 Deposits/Credits	9,252.85	Average Ledger	16,028.77
1 Checks/Debits	18,345.90	Average Collected	16,028.77
Service Charge	.00		
Interest Paid	.00		
Ending Balance	5,129.39		

Deposits and Additions

Date	Description		Deposits
9/20	BOTTLE BAY REC	WEP Xfr	9,252.85
		PPD	
	Bottle Bay WEP		

Debits and Withdrawals

Date	Description		Withdrawals
9/29	Bill Paid-WELLS FARGO BANK, NA		18,345.90-
	Conf #28		

Daily Balance Information

Date	Balance	Date	Balance	Date	Balance
9/01	14,222.44	9/20	23,475.29	9/29	5,129.39



ACCOUNT SUMMARY

Credit Limit	\$5,000.00
Credit Available	\$5,000.00
Statement Closing Date	September 28, 2023
Days in Billing Cycle	31
Previous Balance	\$51.25
- Payments & Credits	\$51.25
+ Purchases & Other Charges	\$0.00
+ FEE CHARGED	\$0.00
+ INTEREST CHARGED	\$0.00
= New Balance	\$0.00

PAYMENT INFORMATION

New Balance	\$0.00
Minimum Payment Due	\$0.00
Payment Due Date	October 23, 2023

Questions? Call Card Support 833-996-1461
Or write: PO Box 21077, Billings MT 59104-1077
Or Email: Inquiry@BusinessCardSupport.com

Notice: SEE REVERSE SIDE FOR MORE IMPORTANT INFORMATION

TRANSACTIONS

Tran Date	Post Date	Reference Number	Transaction Description	Amount
			FEE'S	
			TOTAL FEES FOR THIS PERIOD	0.00
			INTEREST CHARGED	
			TOTAL INTEREST FOR THIS PERIOD	0.00
			TOTAL XXXXXXXXXXXX 2094	\$51.25-
09/05	09/05	74966567T00XV31R3	PAYMENT - THANK YOU	51.25-

Totals 2023 Year-to-Date	
Total fees charged in 2023	\$35.00-
Total interest charged in 2023	\$0.00

Please detach bottom portion and submit with payment using enclosed envelope



Mountain West Bank
PO Box 2360
Omaha NE 68103-2360

PAYMENT INFORMATION

Account number ending in	2934
Payment Due Date	October 23, 2023
New Balance	\$0.00
Minimum Payment Due	\$0.00
Past Due Amount	\$0.00

Make Check
Payable to:

Amount Enclosed:

\$

BOTTLE BAY W AND S BL ACCT
PO BOX 304
SAGLE ID 83860-0304

Visa
PO Box 17350
Denver CO 80217-7350

INTEREST CHARGE CALCULATION

Type of Balance	ANNUAL PERCENTAGE RATE (APR)	Balance Subject to Interest Rate	Days in Billing Cycle	Interest Charge
Purchases	20.50% (v)	\$0.00	31	\$0.00

Your Annual Percentage Rate (APR) is the annual interest rate on your account.

(v) = variable (f) = fixed

IMPORTANT MESSAGES

LOST OR STOLEN CARDS:

To report a lost or stolen card 24 hours a day, 7 days a week, call the toll-free Card Support number listed on the front of this statement.

PAYMENT OPTIONS***Electronic Payments***

Set up automatic monthly payments or make a one-time payment by:

- Accessing your credit card account in Online Banking.
- Calling the toll-free Card Support number listed on the front of this statement.

Our Card Support line also provides a self-service pay-by-phone feature.

Mailed Payments

Mail your payments to the payment address specified on this statement. Use the enclosed envelope and include the payment coupon from the bottom of this statement with your check. Payments received by 3:00 p.m. Mountain Time on any business day will be effective as of the date of receipt. Payments received after 3:00 p.m. Mountain Time or on non-business days will be credited as of the next business day. Please note that Saturdays, Sundays, and federal holidays are considered non-business days. Payments made at other locations may not be credited for up to five days.

ADDRESS AND EMAIL CHANGES

Your company's Program Administrator can update your contact information online using our card management portal, which is accessible through Online Banking. We can also make these changes for you. Please call the toll-free Card Support number listed on the front of this statement to speak to a customer support representative, or email us at inquiry@businesscardsupport.com.

BILLING RIGHTS SUMMARY***In Case of Errors or Questions About Your Bill***

If you think your bill is wrong, or if you need more information about a transaction on your bill, write us (on a separate sheet) at: PO Box 21077 Billings, MT 59104-1077 as soon as possible. We must hear from you no later than 60 days after we sent you the first bill on which the error or problem appeared. You can call us at the toll-free Card Support number listed on the front of this statement, but doing so will not preserve your rights. In your letter, we will need the following information:

- Your name and account number.
- The dollar amount of the suspected error.
- Describe the error and explain, if you can, why you believe there is an error. If you need more information, describe the item you are not sure about.

You do not have to pay any amount in question while we are investigating, but you are still obligated to pay the parts of your bill that are not in question. While we investigate your question, we cannot report you as delinquent or take any action to collect the amount you question.

Special Rule for Credit Card Purchases

If you have a problem with the quality of goods or services that you purchased with a credit card, and you have tried in good faith to correct the problem with the merchant, you may not have to pay the remaining amount due on the goods or services. You have this protection only when the purchase price was more than \$50 and the purchase was made in your home state or within 100 miles of your mailing address (if we own or operate the merchant, or if we mailed you the advertisement for the goods or services, all purchases are covered regardless of amount or location of purchase).

O1AC1178 - 09/29/2022

BALANCE COMPUTATION METHOD***Average Daily Balance Method (Including Current Transactions)***

We figure the interest charge on your account by applying the periodic rate to the "average daily balance" of your account. To get the "average daily balance" we take the beginning balance of your account each day, add any new transactions, and subtract any fees, unpaid interest charges, other finance charges, payments or credits. This gives us the daily balance. Then, we add up all the daily balances for the billing cycle and divide the total by the number of days in the billing cycle. This gives us the "average daily balance."

2:42 PM

10/13/23

Bottle Bay Water & Sewer District
Check Detail
September 21 through October 17, 2023

Type	Num	Date	Name	Account	Paid Amount
Check		09/30/2023		Mountain West Bank	
				Administration	-12.00
TOTAL					-12.00
Bill Pmt -Check	BILLP...	09/22/2023	A Vierra Contracting Inc	Mountain West Bank	
Bill	762	08/17/2023		Tank Replacement & Capital Proj	-5,247.00
Bill	764	08/17/2023		Capital Improvements	-2,685.00
Bill	767	09/01/2023		Other Repairs	-1,090.00
Bill	771	09/01/2023	Augustin, Evelyn	Tank Replacement & Capital Proj	-857.50
				System Repairs & Replacement	-857.50
TOTAL					-10,737.00
Bill Pmt -Check	BILLP...	10/17/2023	A Vierra Contracting Inc	Mountain West Bank	
Bill	775	09/21/2023		Capital Improvements	-1,868.00
				Other Repairs	-467.00
Bill	776	09/21/2023		Other Repairs	-470.00
TOTAL					-2,805.00
Bill Pmt -Check	ACH	10/16/2023	Andrew T. Platte, CPA	Mountain West Bank	
Bill	10704	09/30/2023		Accounting	-1,218.75
				Administration	-0.66
TOTAL					-1,219.41
Check	AUTO	10/10/2023	Avista Utilities	Mountain West Bank	
				Utilities	-341.43
TOTAL					-341.43
Bill Pmt -Check	BILLP...	10/17/2023	Bonner County Daily Bee	Mountain West Bank	
Bill	13983...	09/09/2023		Administration	-66.21
Bill	14804...	09/27/2023		Administration	-56.20
TOTAL					-122.41
Bill Pmt -Check	BILLP...	09/22/2023	Clean Water Pump	Mountain West Bank	
Bill	091523	09/15/2023		Tank Replacement & Capital Proj	-1,310.00
TOTAL					-1,310.00
Bill Pmt -Check	BILLP...	10/11/2023	Clean Water Pump	Mountain West Bank	
Bill	08162...	08/16/2023		Capital Improvements	-1,347.00
Bill	08242...	08/24/2023		Capital Improvements	-709.00
Bill	08312...	08/31/2023		Capital Improvements	-735.00
TOTAL					-2,791.00

2:42 PM

10/13/23

Bottle Bay Water & Sewer District
Check Detail
September 21 through October 17, 2023

Table with 6 columns: Type, Num, Date, Name, Account, Paid Amount. It lists multiple transactions including bill payments and checks to various vendors like Co-Op Supply, Consolidated Supply Co., and James, Vernon & Weeks, PA.

Bottle Bay Water & Sewer District
Check Detail
 September 21 through October 17, 2023

Type	Num	Date	Name	Account	Paid Amount
Bill Pmt -Check	ACH	10/16/2023	Scott Hoover	Mountain West Bank	
Bill	2023-36	10/11/2023		Audit Services	-6,500.00
TOTAL					-6,500.00
Bill Pmt -Check	ACH	10/16/2023	Water Systems Management,...	Mountain West Bank	
Bill	112909	10/01/2023		Licensed Operator Contractor License Compliance & Testing	-6,875.00 -450.00
TOTAL					-7,325.00
Check	BILLP...	09/27/2023	Whitaker, Lynne	Mountain West Bank	
				Inspection Deposits Permit Fees & Other Charges	-2,000.00 800.00
TOTAL					-1,200.00
Check	EFT	10/01/2023	White Living Trust	Mountain West Bank	
				White Property Expenses	-1,500.00
TOTAL					-1,500.00
Bill Pmt -Check	ACH	10/16/2023	William Berg	Mountain West Bank	
Bill	MS365	10/03/2023		Administration	-612.00
TOTAL					-612.00

Resolution Number _____

WHEREAS the District auditor suggests the District increase the threshold for capitalization from \$1,000 to \$2,500; now, therefore,

RESOLVED, Board Policy 005 shall be amended to increase the threshold for capitalization from \$1,000 to \$2,500.

ADOPTED BY THE BOARD ON OCTOBER 17, 2023

William M. Berg, President

**BOTTLE BAY RECREATIONAL WATER & SEWER DISTRICT
OPERATION REPORT – SEPTEMBER 2023 -**

LAND APPLICATION - INFORMATION

7,454,000	Actual volume (gal.) of wastewater land applied in 2012.
7,891,000	Actual volume (gal.) of wastewater land applied in 2013.
7,100,000	Actual volume (gal.) of wastewater land applied in 2014.
6,201,000	Actual volume (gal.) of wastewater land applied in 2015.
5,569,000	Actual volume (gal.) of wastewater land applied in 2016.
7,787,000	Actual volume (gal.) of wastewater land applied in 2017.
4,904,000	Actual volume (gal.) of wastewater land applied in 2018.
3,688,000	Actual volume (gal.) of wastewater land applied in 2019.
5,844,000	Actual volume (gal.) of wastewater land applied in 2020.
4,906,000	Actual volume (gal.) of wastewater land applied in 2021.
4,879,000	Actual volume (gal.) of wastewater land applied in 2022.
18,385,416	Maximum target permitted volume (gal.) of wastewater available for land application in 2023.
April – Oct.	Growing season (GS) available for land application of wastewater.

2023 LAND APPLICATION LOADING ACTIVITY

OLD PERMIT PRIOR TO IRRIG. EXPANSION	MONTH	IWR*(W/NEW SB) TARGET LOADING	IWR*(W/NEW SB) CALCULATED LOADING	ACTUAL TOTAL LOADING
396,208	April	960,978	960,978	0
1,154,574	May	2,333,399	2,333,399	0
1,838,652	June	3,297,110	4,224,941	1,481,000
2,699,166	July	4,876,631	5,246,658	2,319,000
2,250,337	August	3,984,693	4,147,621	1,261,000
1,241,245	September	2,314,053	2,407,940	808,000
328,110	October	615,797	0	0
9,908,292	TOTALS	18,382,661	19,321,537	5,869,000

*Irrigation Water Requirement

COMPARATIVE INFLUENT FLOW DATA

See attached influent flow data summary chart.

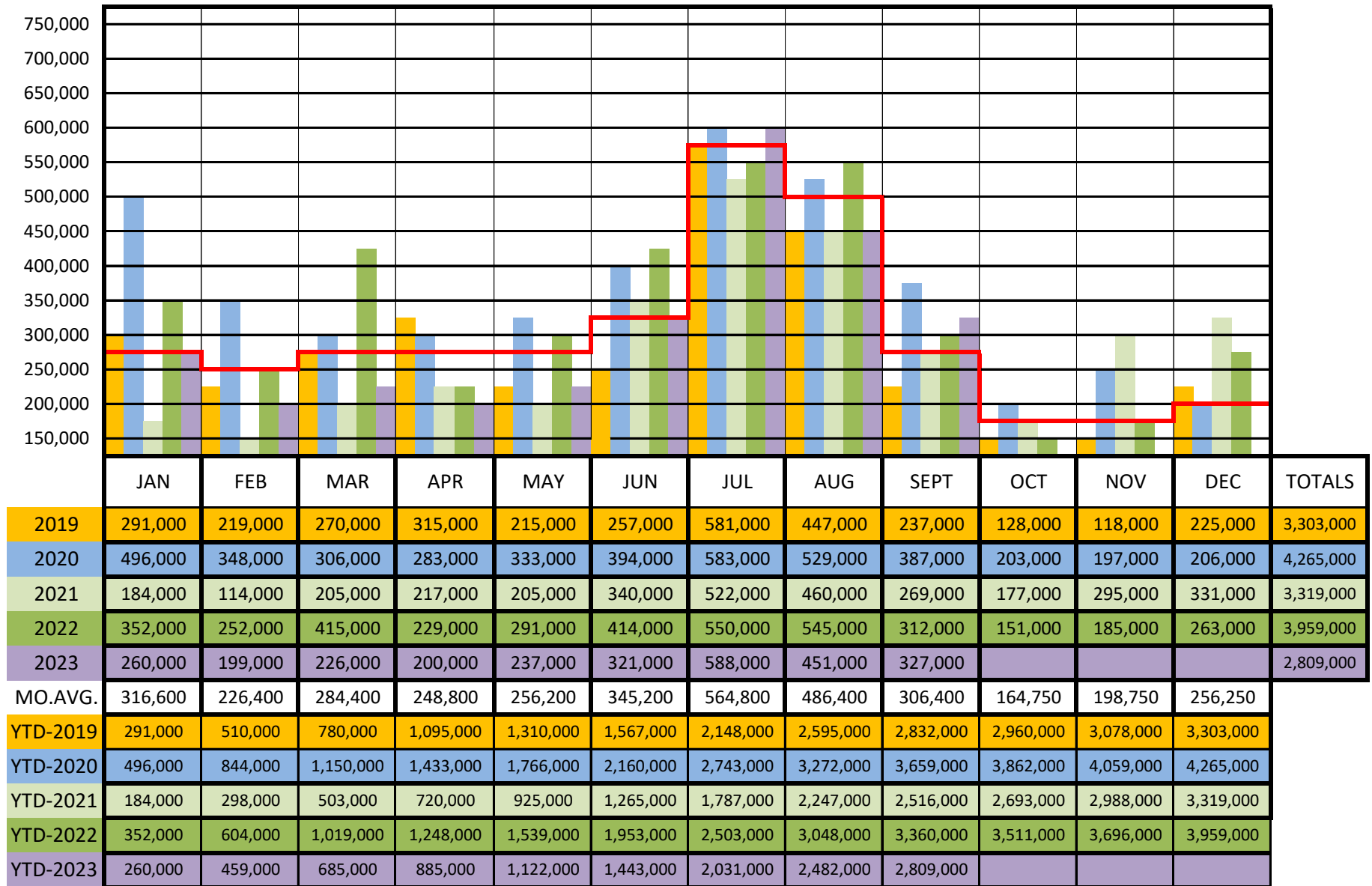
LAGOON STATUS

4,060,000 gallons =	Total <u>usable</u> storage volume in aeration lagoon.	5.36	1.3 MG
5,530,000 gallons =	Total <u>usable</u> storage volume in polishing lagoon.	7.73	2.2 MG
9,590,000 gallons =	TOTAL combined available storage volume	13.09	3.5 MG
500,000 gallons =	Estimated volume in aeration lagoon = approx.	12.3%	
400,000 gallons =	Estimated volume in polishing lagoon = approx.	7.2%	
8,690,000 gallons =	TOTAL estimated <u>available</u> storage volume	90.6%	

SUMMARY

- Lagoon storage volume appears to be sufficient to handle all influent, including precipitation, through the non-growing season (November through March).
- Land application area appears to be sufficient to handle estimated lagoon storage volume and influent from the growing season (April through October), including precipitation.

BOTTLE BAY RECREATIONAL WATER AND SEWER DISTRICT COMPARATIVE INFLUENT FLOW DATA



**BOTTLE BAY RECREATIONAL WATER & SEWER DISTRICT
WASTEWATER LAND APPLICATION LOG - SEPTEMBER 2023**

DAILY										WK. TOTAL	MONTHLY								DAILY		
DATE	METER READING	TOTAL VOLUME	VOLUME to:(10.19 ac) MU-01501	VOLUME to: (5.93 ac) MU-01502	VOLUME to: (4.22 ac) MU-01503	Total CL2	FREE CL2	TEMP.			COLIF.	August through October Depth to GW (3' min)								Avg. Prec.	1.67
START	0	0						HIGH	LOW			MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	DAY	Prec. Inch
1	29544000	49000	49000	0	0	30	1.3	71	49		130	83	71	dry	dry	90	dry	dry	1	0.00	1.67
2	0	0	0	0	0														2	0.00	1.67
3	0	0	0	0	0														3	0.00	1.67
4	29601000	57000	57000	0	0	30	1.3	73	55										4	0.00	1.67
5	29644000	43000	43000	0	0	30	1.3	73	57	2									5	0.00	1.67
6	29689000	45000	0	26000	19000	30	1.3	70	64										6	0.00	1.67
7	29722000	33000	0	19000	14000	30	1.3	73	68										7	0.00	1.67
8	29743000	21000	21000	0	0	30	1.3	73	72										8	0.00	1.67
9	0	0	0	0	0														9	0.00	1.67
10	0	0	0	0	0														10	0.00	1.67
11	29785000	42000	42000	0	0	30	1.3	74	47	ND									11	0.00	1.67
12	0	0	0	0	0														12	0.00	1.67
13	29826000	41000	41000	0	0	30	1.3	75	50										13	0.00	1.67
14	29888000	62000	62000	0	0	30	1.3	80	40										14	0.00	1.67
15	29934000	46000	0	26000	20000	30	1.3	71	41										15	0.00	1.67
16	0	0	0	0	0														16	0.00	1.67
17	0	0	0	0	0														17	0.00	1.67
18	30016000	82000	82000	0	0	30	1.3	75	47	ND									18	0.00	1.67
19	0	0	0	0	0														19	0.00	1.67
20	0	0	0	0	0														20	0.00	1.67
21	30090000	74000	74000	0	0	30	1.3	74	48										21	0.00	1.67
22	0	0	0	0	0														22	0.00	1.67
23	0	0	0	0	0														23	0.00	1.67
24	0	0	0	0	0														24	0.00	1.67
25	30161000	71000	0	41000	30000	30	1.3	71	53	ND									25	0.00	1.67
26		0	0	0	0														26	0.40	1.27
27	30232000	71000	0	43000	28000	30	1.3	58	43										27	0.70	0.57
28	30303000	71000	0	41000	30000	30	1.3	62	47										28	0.40	0.17
29		0				30	1.3		44										29		0.17
30		0																	30		0.17
31		0																	31		0.17
TOTAL GALLONS	808000	471000	196000	141000				72	52	See Revised Plan of Operation - HYDRAULIC LOADING								Total Adjust	0.17		
TOTAL ACRE INCHE	1.46	1.70	1.22	1.23				AVG.	AVG.	TARGET HYDRAULIC LOADING, MU-01501								1,159,302			
Total Nitrogen - LBS/Acre/mo.	6.96	4.98	5.03							Mo. End Precip. Adjustment								47,036			
Total Nitrogen - LBS/Acre/YTD	27.91	31.15	20.92							Calculated Total Actual IWR								1,206,338			
Total Phos. - LBS/Acre/mo.	1.53	1.10	1.11							TARGET HYDRAULIC LOADING, MU-01502								674,648			
Total Phos. - LBS/Acre/YTD	9.42	11.00	11.14							Mo. End Precip. Adjustment								27,372			
										Calculated Total Actual IWR								702,020			
pH (Monthly)								7.28		TARGET HYDRAULIC LOADING, MU-01503								480,103			
Nitrate + Nitrite Nitrogen (Monthly) - mg/L - PQL = 0.1/ea (0.05 @ 50%)								0.05		Mo. End Precip. Adjustment								19,479			
Total Kjeldahl Nitrogen (Monthly) - mg/L - PQL = 0.09 (0.045 @ 50%)								18		Calculated Total Actual IWR								499,582			
Total Phosphorus (Monthly) - mg/L - PQL = 0.016 (0.008 % 50 %)								3.980		Mo. End Precip. Adj. =27,152.4 x Acres. x Total Adjust											

Monitor four (4) monitoring wells #1, #2, #3, & #4 April & September including field testing of pH, temp, conductivity and turbidity.

MONTHLY

WATER SYSTEMS MANAGEMENT
67 WILD HORSE TRAIL
SANDPOINT, IDAHO 83864
DATE: 10/13/2023

BBRWSD COLLECTIONS REPORT FOR SERVICES PROVIDED SEPTEMBER 2023:

COLLECTION SYSTEM

SERVICE CALLS

PUMP: 1 REPLACEMENTS

PLUMBING: 2 BROKEN LINE / FITTINGS

CONTROLS/ ELECTRICAL:

FLOAT:

TANK:

ORDER CONTROL DEVICES INSTALLED AT AIRVACS : 7 INSTALLED (COMPLETED)

NEW CONSTRUCTION / INSTALLATION INSPECTIONS MANAGEMENT:

HU #293 ALEX LITTLE BRAVE (NO ACTIVITY)
HU #123 HIGH (IN PROCESS)
HU #211 OAKLEY (IN PROCESS)
HU #265 SALADIN (NO ACTIVITY)
HU #38 ANGLE OF REPOSE / OLSON (NO ACTIVITY)
HU# 100 PETERSON (ON GOING)
HU #005 ATTEBERRY (IN PROCESS)

INSTALLATION INSPECTIONS :

HIGH: IN PROCESS (FINAL INSPECTION PENDING)
PETERSON: IN PROCESS (TANK SET COMPLETE)
ATTEBERRY: IN PROCESS (SITE REVIEW COMPLETE)

ESCROW INSPECTIONS: 3

ISOLATIONS: AS OF 10/13/23
15 MAIN LINE UPGRADES
7 AIRVAC UPGRADES

EEP:
5 EEP INSTALLS

OTHER:
DISCOVERED THAT DECK AT RESORT LAUNDRY BUILDING IS BUILT OVER MAIN LINE

ALARM
(NUMBEROUS)

OPERATION & MAINTENANCE

AIRVAC: (SEE CAPITAL IMPROVEMENT PROJECT)

ISOLATION VALVE INSTALL/ REPAIR / REPLACE: (SEE CAPITAL IMPROVEMENT PROJECTS)

MAIN LINE CONNECTIONS: (SEE CAPITAL IMPROVEMENTS PROJECTS)

CONTRACTOR / PROPERTY OWNER MANAGEMENT:

TELE CONS: MULTIPLE

LOCATES: 6

I&I RESEARCH & MITIGATION: ON GOING

EXERCISE ISOLATION VALVES / AIRVAC VALVES: ON GOING

FACILITIES / EQUIPMENT MAINTENANCE: ON GOING

INVENTORY MANAGEMENT: ON GOING

PERMIT / SITE REVIEW :

POWER OUTAGE RESPONSE:

MAINTENANCE INSPECTIONS: 10 COMPLETED (ALL SCHEDULED FOR 2023 ARE COMPLETED)

LOCATING SITES FOR MAIN LINE UPGRADE, AIRVAC REPLACEMENT (SEE C. I. P BELOW),

OWNER / CONTRACTOR CONSULTATIONS / SITE VISIT: (MULTIPLE, ON GOING)

MANAGERIAL / FILING ON GOING

CAPITAL IMPROVEMENT PROGRAM: AS OF 10/13/ 2023

OVERFLOW BASIN PUMP UPGRADE: (COMPLETED)

PUMP CONTROL UPGRADES COMPLETED: 9 COMPLETE (1 REMAINING)

AIRVAC UPGRADE (WITH MAIN LINE CONNECTION)

7 AIRVAC (COMPLETED)*

MAINLINE CONNECTION UPGRADE

10 SCHEDULED, 15 COMPLETED : (COMPLETED)**

**NOTE: WHILE FINALIZING THE LAST AV INSTALL AT THE BB RESORT, 4 MAIN LINE CONNECTIONS WERE DISCOVERED ADJACENT TO THE PLANNED AV REPLACEMENT (WITH MINIMAL ADDITIONAL WORK) AND WERE COMPLETED.

TANK REPLACEMENT PROGRAM

2 STEEL TANKS ARE PLANNED FOR REPLACEMENT IN OCTOBER / NOVEMBER. (COORDINATING WITH PROPERTY OWNER TO PROCEED.)

RECONCILIATION OF C.I.P BUDGET / INVOICES. (ON GOING)