



BOTTLE BAY
RECREATIONAL WATER & SEWER DISTRICT



**REGULAR
BOARD OF DIRECTORS
MEETING**

Via Zoom

September 10, 2024

4:00 pm

MEETING AGENDA

Tuesday, September 10, 2024 4 p.m.

Meeting is via Zoom

Invitation is available on District website: bottlebaydistrict.org;
or send request to billb@bbsewer.org

Physical meeting place: 65 Glengary Bay Rd, Sagle ID 83860

1. Call to Order -- START VIDEO
2. Announce Quorum Present
3. Introduce Attendees
4. General Public Comments to Board.
5. Approval of Written Minutes of August 20, 2024 regular meeting (Shearer) – **Action Item**
6. Treasurer’s Report (Davis)
 - YTD and August, 2024 Financial Reports
 - Status of checking accounts & accounts in Local Government Investment Pool
 - Review paid invoices (invoices attached to agenda email)
7. Operations Report (Hansen)
8. Collections Report (Binnall)
9. Permit and Compliance Matters (Behrens, Binnall) – **Action Items**

HU#	Landowner	Application Received	Deposit Received	Permit Approved	Construction Started	Inspections Underway	Inspections Completed	“As-Built” Received	Remarks
026	Nelson								Brent says sufficient septic capacity, now charging for ADU – not going to send a violation notice
038	Island Vista	✓	✓						\$2,000 deposit
040	Wycoff								Application? Deposit waiver?
098	Petersen	✓	✓	✓	✓				\$2,000 deposit
101	Ouhi	✓	✓	✓					\$2,000 deposit
112	Hale	✓							
152	Olson	✓	✓						\$2,000 deposit
171	Simchuk	✓	✓	✓					\$2,000 deposit (Idagon is contractor)
175	Mack	✓	✓						\$2,000 deposit
211	Oakley	✓	✓	✓	✓				\$2,000 deposit
309	Audubon LLC	✓	✓						\$2,000 deposit (remove spoils/regrade)
321	Atteberry	✓	✓	✓	✓	✓			\$2,000 deposit – proper RV pad coupling

10. Discussion: Capital Improvement Plan (Berg)

11. General Administrative Matters

- Next meeting, Tuesday, October 15, 2024 via Zoom.

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12. Adjourn -- STOP VIDEO



**BOTTLE BAY RECREATIONAL
WATER AND SEWER DISTRICT REGULAR BOARD MEETING**

August 20, 2024

The Bottle Bay Recreational Water and Sewer District (BBRWSD) Regular Board meeting held by Zoom, was called to order at 4:00 p.m. by 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 Binnal (WSM) and RuthAnn Zigler, Recording Secretary. Guest in attendance: Katrina Faulkner. Not in attendance: Julie Houske.

CONSENT AGENDA

Steve Shearer made a motion to approve the July 16, 2024 Regular Board meeting minutes as presented. Jon Davis seconded and the motion carried.

Steve Shearer made a motion to approve the July 23, 2024 Special Board meeting minutes as presented. Jon Davis seconded and the motion carried.

PUBLIC COMMENTS

There were no public comments.

REPORTS

Treasurers Report

Status of checking accounts and accounts in Local Government Investment Pool: The Mt. West Bank (2094) account balance is \$51,361.11; Mt. West Bank (8384) account balance is \$4,579.11; LGIP1 account balance is \$88,334.81; and LGIP2 account balance is \$154,451.02.

The FY 2023 audit report was distributed to the Board for their review and comments.

Operations Report (July)

We are in really great shape and are operating where we need to be operating where we should be at year end with our lagoons being full or not full.

At the first part of September, University of Idaho will be installing gas sample monitors in the soil to continue on with and finish with their study.

DEQ is in the process of reviewing land applications on irrigation sites and forests to potentially make some modifications; Bob Hansen will keep the Board updated on this issue.

DEQ facility plan requirements for capital improvements: The question was asked of Bob Hansen that if the Sewer District doesn't do a study but for example, replace connectors, would we have an obligation to amend our Facility Plan with DEQ? Bob responded that DEQ would probably require us to do a revised Facility Plan. Bob reported that he will get in contact with Katie Baker, Engineer Manager at DEQ

in Coeur d'Alene and ask what DEQ will require for the Sewer District to upgrade their system; he will report back to the Board.

Collections Report (July)

Replaced two (2) pumps, replaced one (1) tank, four (4) locates, and one (1) maintenance inspection.

Status report on capital and other construction projects: There are ten (10) main line connections tentatively scheduled (currently on hold), three (3) pump control upgrades are completed and seven (7) are tentatively scheduled, one (1) tank replacement is scheduled.

Permit & Compliance Matters

Nelson, hookup #026– holding for sewer pump application.

Island Vista, hookup #038 – Application and deposit has been received.

Petersen, hook #098 – Application and deposit has been received, permit has been approved and construction has started.

Ouhi, hookup #101 – Application and deposit has been received, permit has been approved.

Olson, hookup #152 – Application and deposit has been received.

Simchuk, hookup #171 – Application and deposit has been received, permit has been approved.

Mack, hookup #175 – Application and deposit has been received.

Oakley, hookup #211 – Application and deposit has been received, permit has been approved, construction has started.

Vinson, hookup #257 – Application and deposit has been received. There was an emergency call out for a possible leak from a broken line. A Stop Work Order was put on the property and then was breached by the contractor who continued to move soil from the property. Property owner and contractor was notified they were in breach of three (3) different phases: emergency call out, stop work order and work without a permit; a total of \$350 will be assessed and a \$200 fine for the required inspections that were not done.

Rob Behrens made a motion to charge a \$200 inspection fee and assess a \$350 fine to Vinson, hookup #257 with the total of \$550 deducted from the \$2,000 deposit and return the remaining deposit amount of \$1,450.00. Jon Davis seconded and the motion carried

Audubon, LLC, hookup #309 – Application and deposit has been received. A letter was sent to them about removing the spoils and they have until the end of August to remove to avoid a fine being assessed.

Atteberry, hookup #321 – Application and reposit has been received, permit has been approved, construction has started and the inspection is underway.

Public Hearing on Rate Change Schedule

There were no comments from the public so the Public Hearing was closed.

Basic fee increase of \$5.00/month from \$24.00 to \$29.00 (effective January 1, 2025):

Jon Davis made a motion to adopt Resolution 2024-07 to increase the basic fee to \$29.00. Steve Shearer seconded and the motion carried.

Increase fine for violating stop work order from \$100.00/day to \$1,000.00/day (effective August 20, 2024):

Jon Davis made a motion to adopt Resolution 2024-08 to increase stop work order violation fee to \$1,000.00/day. Steve Shearer seconded and the motion carried.

Add \$500.00 fee for emergency call-out that is in violation of RSR's:

Jon Davis made a motion to approve adding a \$500.00 fee for emergency call-outs that are in violation of RSR's. Steve Shearer seconded and the motion carried.

Resolution to adopt the FY 2025 budget:

Jon Davis made a motion to adopt Resolution 2024-09 for the FY 2025 budget as published in the newspaper. Steve Shearer seconded and the motion carried.

Report on inspection trip for ADU's: A list of property owner's with ADU's was distributed to the Board for their review. Most of the property owners are paying the fee for the ADU; the ones that are not currently paying will be sent a letter informing them that they will need to call the Sewer District before the end of 2024 for an inspection.

Determine what constitutes a kitchen for purposes of defining an ADU: The RSR's define a kitchen as having a sink, cooking equipment and refrigeration. After discussion, the Board agreed that they would use their discretion at the time of the inspection.

General Administrative Matters

Next meeting: The next meeting is scheduled for Tuesday, September 10, 2024 at 4:00 p.m. by zoom.

ADJOURNMENT

The meeting was adjourned at 4:55 p.m.

Bottle Bay Water & Sewer District
Operational Income/Expenses - Budget vs. Actual
Unaudited

Table with 5 columns: Category, Aug 24, Budget, \$ Over Budget, % of Budget. Rows include Ordinary Income/Expense, Non-Operating Revenue, Operating Revenues, Expense, Administration, System Repairs & Replacement, System Operation, Other Expenses, Total Expense, Net Ordinary Income, and Net Income.

12:14 PM

09/06/24

Cash Basis

Bottle Bay Water & Sewer District
Operational Income/Expenses - Budget vs. Actual
Unaudited

	Dec '23 - Aug 24	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
Non-Operating Revenue				
Interest Income	8,443.44	2,250.00	6,193.44	375.3%
Property Tax Levy	36,099.47	35,000.00	1,099.47	103.1%
WEP Sinking Fund	52,810.92	55,573.00	-2,762.08	95.0%
Total Non-Operating Revenue	97,353.83	92,823.00	4,530.83	104.9%
Operating Revenues				
County Certified Payments	356.02	976.00	-619.98	36.5%
Permit Fees & Other Charges	5,937.72	3,001.00	2,936.72	197.9%
System Operation Fees-Serviced	84,943.09	86,329.00	-1,385.91	98.4%
System Maintenance Fees-Basic	67,536.28	64,668.00	2,868.28	104.4%
Total Operating Revenues	158,773.11	154,974.00	3,799.11	102.5%
Total Income	256,126.94	247,797.00	8,329.94	103.4%
Gross Profit	256,126.94	247,797.00	8,329.94	103.4%
Expense				
Administration				
Information Services	1,997.00	2,250.00	-253.00	88.8%
Recording Sec	1,425.00	2,849.00	-1,424.00	50.0%
Accounting	11,932.61	9,000.00	2,932.61	132.6%
Legal Services	66.00	824.00	-758.00	8.0%
Audit Services	6,750.00	9,800.00	-3,050.00	68.9%
Insurance	2,701.00	2,200.00	501.00	122.8%
Administration - Other	1,799.11	3,074.00	-1,274.89	58.5%
Total Administration	26,670.72	29,997.00	-3,326.28	88.9%
System Repairs & Replacement				
General Maintenance & Repair	8,488.13	27,771.00	-19,282.87	30.6%
Supplies, Pumps & Equipment	13,633.65	17,618.00	-3,984.35	77.4%
Capital Improvements	27,952.64	22,395.00	5,557.64	124.8%
Total System Repairs & Replacement	50,074.42	67,784.00	-17,709.58	73.9%
System Operation				
Utilities	5,541.09	5,701.00	-159.91	97.2%
Operating Chemicals	5,464.91	3,150.00	2,314.91	173.5%
Licensed Operator Contractor	58,675.00	67,050.00	-8,375.00	87.5%
License Compliance & Testing	5,000.00	7,200.00	-2,200.00	69.4%
Vehicle Expense	3,590.09	2,250.00	1,340.09	159.6%
System Operation - Other	260.00	1,650.01	-1,390.01	15.8%
Total System Operation	78,531.09	87,001.01	-8,469.92	90.3%
Other Expenses				
White Property Expenses	13,500.00	13,500.00	0.00	100.0%
Other Expenses - Other	2,816.74			
Total Other Expenses	16,316.74	13,500.00	2,816.74	120.9%
Total Expense	171,592.97	198,282.01	-26,689.04	86.5%
Net Ordinary Income	84,533.97	49,514.99	35,018.98	170.7%

12:14 PM
09/06/24
Cash Basis

Bottle Bay Water & Sewer District
Operational Income/Expenses - Budget vs. Actual
Unaudited

	<u>Dec '23 - Aug 24</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
Other Income/Expense				
Other Expense				
Non-Operating Expenses				
Interest Expense	20,101.19	20,300.00	-198.81	99.0%
Total Non-Operating Expenses	<u>20,101.19</u>	<u>20,300.00</u>	<u>-198.81</u>	<u>99.0%</u>
Total Other Expense	<u>20,101.19</u>	<u>20,300.00</u>	<u>-198.81</u>	<u>99.0%</u>
Net Other Income	<u>-20,101.19</u>	<u>-20,300.00</u>	<u>198.81</u>	<u>99.0%</u>
Net Income	<u>64,432.78</u>	<u>29,214.99</u>	<u>35,217.79</u>	<u>220.5%</u>

Date 8/30/24 Page 1
Primary Account XXXXXXXXXXXXX2094

*****EXCLUDE-Email
216988 0.7603 EX 0.000
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	8
Account Number	XXXXXXXXXXXX2094	Statement Dates	8/01/24 thru 9/02/24
Previous Balance	51,362.11	Days in the statement period	33
4 Deposits/Credits	59,895.28	Average Ledger	66,911.34
14 Checks/Debits	47,828.90	Average Collected	66,911.34
Service Charge	.00		
Interest Paid	.00		
Ending Balance	63,428.49		

Deposits and Additions

Date	Description	Deposits
8/02	DDA Regular Deposit	11,500.50
8/13	DDA Regular Deposit	18,023.92
8/19	BOTTLE BAY REC PAYMENTS PPD	27,053.33
8/30	Bottle Bay DDA Regular Deposit	3,317.53

Debits and Withdrawals

Date	Description	Withdrawals
8/01	Bill Paid-JAMES WHITE Conf #18 5	1,500.00-
8/08	AVISTA COM AUTOP BILL PAY CCD 19819768951 031101119103459	664.57-
8/19	Bill Paid-JAMES VERNON AND WEE KS PA Conf #195	66.00-
8/19	idahosif WEB PYMNT WEB	322.00-
8/19	Bottle Bay Recreational 705711463 Bill Paid-CONSOLIDATED SUPPLY COMPANY Conf #193	2,483.07-

TOTALLY FREE BUSINESS CHECKING XXXXXXXXXXXXX2094 (Continued)

Debits and Withdrawals

Date	Description	WEP Xfr	Withdrawals
8/19	BOTTLE BAY REC	WEP Xfr	7,099.25-
		PPD	
8/19	Bottle Bay Operation BOTTLE BAY REC	AP	24,404.99-
		PPD	
8/21	Bottle Bay Operating Parkin, Ashton 292970820004636		270.00-
8/26	No Account/Unable to Locate Ac CHECK	500062	51.68-
8/27	CITY SERVICE VALCON CHECK	500060	686.04-
8/28	CO-OP SUPPLY CHECK	500061	9,575.00-
8/28	A VIERRA CONTRACTING INC CHECK	500064	360.00-
8/29	NORTH IDAHO TOWING CHECK	500063	334.30-
8/30	GRI MM BROS Cash Management Monthly Fee		12.00-

Checks in Number Order

8/27	500060	686.04	8/26	500062	51.68	8/28	500064	360.00
8/28	500061	9,575.00	8/29	500063	334.30			

* Denotes missing check numbers

Daily Balance Information

Date	Balance	Date	Balance	Date	Balance
8/01	49,862.11	8/19	71,399.98	8/28	60,457.26
8/02	61,362.61	8/21	71,129.98	8/29	60,122.96
8/08	60,698.04	8/26	71,078.30	8/30	63,428.49
8/13	78,721.96	8/27	70,392.26		

Date 8/30/24 Page 1
 Primary Account XXXXXXXXXXXX8384

*****EXCLUDE-Email
 216989 0.4401 EX 0.000
 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	XXXXXXXXXXXX8384	Statement Dates	8/01/24 thru 9/02/24
Previous Balance	4,579.11	Days in the statement period	33
1 Deposits/Credits	7,099.25	Average Ledger	7,806.04
Checks/Debits	.00	Average Collected	7,806.04
Service Charge	.00		
Interest Paid	.00		
Ending Balance	11,678.36		

Deposits and Additions

Date	Description		Deposits
8/19	BOTTLE BAY REC	WEP Xfr	7,099.25
		PPD	
	Bottle Bay WEP		

Daily Balance Information

Date	Balance	Date	Balance
8/01	4,579.11	8/19	11,678.36



ACCOUNT SUMMARY

Credit Limit	\$5,000.00
Credit Available	\$4,608.00
Statement Closing Date	August 28, 2024
Days in Billing Cycle	33
Previous Balance	\$3.78-
- Payments & Credits	\$0.00
+ Purchases & Other Charges	\$300.84
+ FEE CHARGED	\$0.00
+ INTEREST CHARGED	\$0.00
= New Balance	\$297.06

PAYMENT INFORMATION

New Balance	\$297.06
Minimum Payment Due	\$25.00
Payment Due Date	September 22, 2024

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
WILLIAM BERG				
TOTAL XXXXXXXXXXXX 2110				\$60.00
08/05	08/06	2420429KA01FWFWDF	Microsoft-G054641895 800-6427676 WA MCC: 5045 MERCHANT ZIP: 98052	60.00
SUSAN SHEA				
TOTAL XXXXXXXXXXXX 2128				\$51.95
08/01	08/02	2427539K6S66E0JSL	BONNER COUNTY COLLECTOR SANDPOINT ID MCC: 9399 MERCHANT ZIP:	50.00
08/01	08/02	2427539K6S66QVXLG	GOVPROS SRVC FEE 844-7294468 MI MCC: 9399 MERCHANT ZIP:	1.95
BRENT BINNALL				
TOTAL XXXXXXXXXXXX 0215				\$188.89
07/29	07/31	2449398K40Q167R3A	STONEWAY ELEC SUPPLY 229 SANDPOINT ID MCC: 5065 MERCHANT ZIP: 83864	188.89

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	September 22, 2024
New Balance	\$297.06
Minimum Payment Due	\$25.00
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

**Bottle Bay Water & Sewer District
Check Detail
August 21 through September 10, 2024**

Type	Num	Date	Name	Account	Paid Amount
Check		08/31/2024		Mountain West Bank	
				Administration	-12.00
TOTAL					-12.00
Check	EFT	09/01/2024	White Living Trust	Mountain West Bank	
				White Property Expe...	-1,500.00
TOTAL					-1,500.00
Check	EFT	09/04/2024	Schaffer, John	Mountain West Bank	
				Other Expenses	-1,764.00
TOTAL					-1,764.00
Check	BILLP...	09/04/2024	Vinson, Tyler	Mountain West Bank	
				Inspection Deposits	-1,450.00
				Permit Fees & Other...	350.00
TOTAL					-1,100.00
Check	AUTO	09/06/2024	Avista Utilities	Mountain West Bank	
				Utilities	-740.26
TOTAL					-740.26
Bill Pmt -Check		09/10/2024	A Vierra Contracting Inc	Mountain West Bank	
Bill	815	09/04/2024		General Maintenanc...	-1,065.00
				Tank Replacement	-1,417.00
TOTAL					-2,482.00
Bill Pmt -Check		09/10/2024	Andrew T. Platte, CPA	Mountain West Bank	
Bill	10873	08/31/2024		Accounting	-1,238.23
TOTAL					-1,238.23
Bill Pmt -Check		09/10/2024	Bonner County Daily Bee	Mountain West Bank	
Bill	RateIn...	08/14/2024		Administration	-71.92
Bill	Budge...	08/14/2024		Administration	-183.53
TOTAL					-255.45
Bill Pmt -Check		09/10/2024	Consolidated Supply Co.	Mountain West Bank	
Bill	12035...	08/08/2024	Consolidated Supply Co.	Accounts Payable	0.00
Bill	12060...	08/21/2024		Operating Chemicals	-306.17
Bill	12066...	08/27/2024		Operating Chemicals	-731.19
Bill	12067...	08/27/2024		Supplies, Pumps & ...	-46.41
Bill	12071...	08/29/2024		Operating Chemicals	-365.59
Bill	12072...	08/29/2024		Operating Chemicals	-365.59
TOTAL					-1,814.95

**Bottle Bay Water & Sewer District
Check Detail
August 21 through September 10, 2024**

Type	Num	Date	Name	Account	Paid Amount
Bill Pmt -Check		09/10/2024	KG & T Septic	Mountain West Bank	
Bill	45058	08/14/2024		General Maintenanc...	-550.00
Bill	45732	08/26/2024		General Maintenanc...	-525.00
TOTAL					-1,075.00
Bill Pmt -Check		09/10/2024	Practical Mechanics	Mountain West Bank	
Bill	20240...	09/04/2024		Capital Improvements	-306.00
TOTAL					-306.00
Bill Pmt -Check		09/10/2024	R.C. Worst	Mountain West Bank	
Bill	346375	08/13/2024		Supplies, Pumps & ...	-548.81
TOTAL					-548.81
Bill Pmt -Check		09/10/2024	RuthAnn Zigler	Mountain West Bank	
Bill		09/01/2024		Recording Sec	-150.00
TOTAL					-150.00
Bill Pmt -Check		09/10/2024	Water Systems Managem...	Mountain West Bank	
Bill	113632	09/01/2024		Licensed Operator C...	-7,400.00
				License Compliance ...	-450.00
TOTAL					-7,850.00

**BOTTLE BAY RECREATIONAL WATER & SEWER DISTRICT
OPERATION REPORT – AUGUST 2024 -**

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.
- 6,122,000 Actual volume (gal.) of wastewater land applied in 2023.
- 18,385,416 Maximum target permitted volume (gal.) of wastewater available for land application.
- April – Oct. Growing season (GS) available for land application of wastewater.

2024 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	2,325,098	2,441,077	1,042,000
1,838,652	June	3,297,110	3,727,889	556,000
2,699,166	July	4,876,631	5,080,974	2,308,000
2,250,337	August	3,984,693	4,534,217	2,162,000
1,241,245	September	2,314,053	2,314,053	0
328,110	October	618,553	618,553	0
9,908,292	TOTALS	18,377,116	19,677,741	6,068,000

*Irrigation Water Requirement

COMPARATIVE INFLUENT FLOW DATA

See attached influent flow data summary chart.

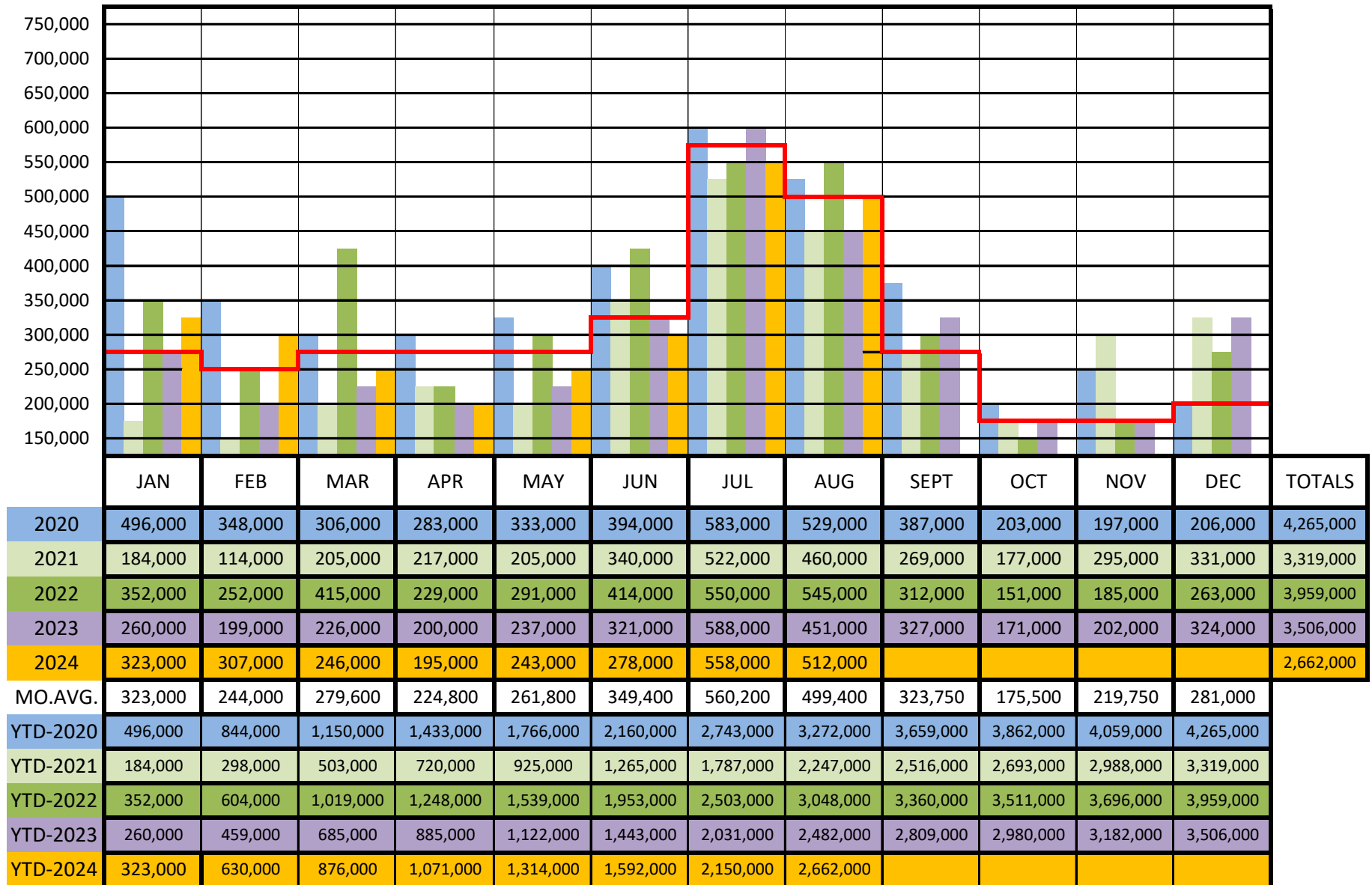
LAGOON STATUS

- 4,060,000 gallons = Total usable storage volume in aeration lagoon. Total 5.36 Buffer 1.3 MG
- 5,530,000 gallons = Total usable storage volume in polishing lagoon. 7.73 2.2 MG
- 9,590,000 gallons** = **TOTAL** combined available storage volume **13.09** **3.5 MG**
- 1,100,000 gallons = Estimated volume in aeration lagoon = approx. 27.1%
- 1,100,000 gallons = Estimated volume in polishing lagoon = approx. 19.9%
- 7,390,000 gallons** = **TOTAL** estimated available storage volume **77.1%**

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



WATER SYSTEMS MANAGEMENT
67 WILD HORSE TRAIL
SANDPOINT, IDAHO 83864
DATE: 9/6/24

BBRWSD COLLECTIONS REPORT FOR SERVICES PROVIDED IN AUGUST 2024:

COLLECTION SYSTEM

SERVICE CALLS

PUMP REPLACEMENT: 2

PLUMBING: FROZEN / BREAKAGE 1

CONTROLS/ ELECTRICAL: 4

FLOAT:

TANK:

ODER CONTROL DEVICES INSTALLED AT AIRVACS :

NEW CONSTRUCTION / INSTALLATION INSPECTIONS MANAGEMENT: 1

INSTALLATION INSPECTIONS : 1

ESCROW INPECTIONS: 2

ISLOATIONS: 2

EEP: 3

MAIN LIFT STATION:

ALARMS: 3

OTHER: 2 + TRUCK REPAIR, METAL DETECTOR REPAIR

AIRVACS CHECK CORRECT OPERATION (ON GOING)

ISOLATION VALVE INSTALL/ REPAIR / REPLACE:

MAIN LINE CONNECTIONS: (

CONTRACTOR / PROPERTY OWNER PROJECT MANAGEMENT:

TELE CONS: MULTIPLE

LOCATES: 4

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: 5

LOCATING SITES FOR MAIN LINE UPGRADE, CONTROL PANEL, TANK REPLACEMENT UPGRADE / REPLACEMENTS (SEE C. I. P. BELOW),

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

MANAGERIAL / FILING ON GOING

CAPITAL IMPROVEMENT PROGRAM INITIAL COST SURVEY

(ON HOLD FOR BUDGETING APPROVAL)

MAINLINE CONNECTION UPGRADE COST ESTIMATE

OLDEST INSTALLED 1972-1990: ~ 84 REMAINING
FOR THOSE NOT AS OLD BUT INSTALLED WITH SAME TECHNIQUE / MATERIALS AS
EARLIER CONNECTIONS: ~ 48 REMAINING.

ESTIMATED TOTAL: ~ 132

***ESTIMATED COST PER UNIT (WITHOUT ASPHALT REPAIR):
\$4, 800.00 LABOR / EQUIPMENT/ MATERIALS***

ADDITION FOR ASPHALT REPAIR PER UNIT: (WAITING ON PRICING FROM
ASPHALT PROVIDERS)

PUMP CONTROL UPGRADES

10+ TENTATIVELY FOR 2024

7 COMPLETED

ESTIMATED COST FOR 2025; \$2,500 PER UNIT

TANK REPLACEMENT ESTIMATED INSTALLED COST

Single Compartment :\$2,850

2 Compartment: \$5,500