OSAGE BEACH / LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
March 18th, 2025
LAKE OZARK CITY HALL

1. CALL TO ORDER

2. ROLL CALL ROBIN

Mayor, Michael Harmison
Mayor, Dennis Newberry
City Administrator, Harrison Fry
City Administrator, Devin Lake
Alderman, Kevin Rucker
Alderman, Pat Thompson
Public Works Director, Matt Michalik
Member at Large, Gary Hamner
Public Works Manager, Osage Beach, Zachary Wilber

3. PUBLIC COMMENT

4. MINUTES

Regular Meeting: January 21st 2025	**3-5**

5. REPORTS

February 2025	
Bills List	**6-10**
Revenue Budget Analysis	**11**
Expenditure Budget Analysis	**12**
Income & Expense Summary	**13**
January 2025	
Bills List	**14-18**
Revenue Budget Analysis	**19**
Expenditure Budget Analysis	**20**
Income & Expense Summary	**21**

6. ALLIANCE REPORT OF OPERATIONS pg 48-88

7. APPROVAL OF FLOW CHARTS

8. OLD BUSINESS

A. Board update.
B. Capital replacement funding update

9. NEW BUSINESS

A. Review and possible approval for the purchase of UV Wipers. Bids on page **69**
B. Update on Management RFP Bid Process.
C. Review of the Lake Ozark/Osage Beach 2024 Annual Audit **pg. 22-47**

10. ADDITIONAL DISCUSSION ITEMS

11. ADJOURNMENT

LAKE OZARK-OSAGE BEACH
JOINT SEWER BOARD

Meeting Minutes – January 21st, 2025

CALL TO ORDER:

Mayor Newberry called the meeting to order at 4:00 pm on Tuesday, January 21st, 2025 at Lake Ozark City Hall.

ROLL CALL:

Mayor, Michael Harmison- Present
Mayor, Dennis Newberry – Present
City Administrator, Harrison Fry - Present
City Administrator, Devin Lake – Present
Alderman, Kevin Rucker- Present
Alderman, Pat Thompson- Present
Public Works Director, Matt Michalik – Present
Resident Member, Mr. Gary Hamner – Absent
Public Works Manager, Zachary Wilber – Present

PUBLIC COMMENT: None

MINUTES:

Alderman, Kevin Rucker motioned to approve the meeting minutes from November 19th, 2024. The motion was seconded by Alderman, Pat Thompson and passed unanimously.

REPORTS:

- Bill List - A motion was made by Alderman, Pat Thompson to approve the November and December Bills List. The motion was seconded by City Administrator, Harrison Fry and passed unanimously.

November 2024
- Revenue Budget Analysis
- Expenditure Budget Analysis
- Income & Expense Summary

A motion was made by Alderman Pat Thompson, to approve the November 2024 Revenue Budget Analysis and Expenditure Budget Analysis. The motion was seconded by Public Works Manager, Zachary Wilber, and passed unanimously.

December 2024
- Revenue Budget Analysis
- Expenditure Budget Analysis
- Income & Expense Summary

A motion was made by Mayor, Michael Harmison, to approve the December 2024 Revenue Budget Analysis and Expenditure Budget Analysis. The motion was seconded by City Administrator, Devin Lake, and passed unanimously.

ALLIANCE REPORT OF OPERATIONS:

The average daily incoming flow for November was 0.991 MGD and for December was 0.862 MGD. We had 5.6 inches of precipitation measured at the WWTP for November and 1.9 inches in December.

Operationally, the plant's discharge was excellent, with an effluent monthly average BOD of 2.1 mg/l and TSS of 3.2 mg/l respectively for November which represents a 98.5 + % or better removal and for December an effluent monthly average BOD of 2.6 mg/l and TSS of 3.6 mg/l, which represents a 98.0 + % or better removal.

The MLSS average for both aeration basins for November was 4,046 mg/l and for December was 4,041 mg/l. The total dry weight sludge inventory for November totaled 193,253 pounds and December was 194,534 pounds. There were 36 loads of biosolids, or 129,600 gallons land applied for November and 17 loads, or 61,200 gallons for December. We received 29 loads of septage or 65,000 gallons for November and 50 loads of septage or 112,000 gallons for December.

APPROVAL OF FLOW CHART:

Alderman Kevin Rucker, motioned to approve the flow charts. The motion was seconded by Alderman, Pat Thompson and passed unanimously.

Reviewed and discussed ERP & Plant Inventory

OLD BUSINESS:

- **A.** Board Representative Update. Business as usual.
- **B.** Reviewed and discussed capital replacement funding

NEW BUSINESS:

- **A.** Discussed and reviewed waste hauler fee adjustment. Gary Hutchcraft will research the waste hauler fee's and get back with the board.
- **B.** Discussed and reviewed year end city reports of connections
- **C.** Discussed and reviewed future year projections
- **D.** Discussed and reviewed Osage Beach summary of connections from 2024 and potential future significant users.

ADDITIONAL DISCUSSION ITEMS:

- **A.** Alderman, Kevin Rucker requesting to change the time from 4:00 p.m. to 3:00 p.m. for the June 17th, 2025 JSB meeting. The board unanimously agreed.

ADJOURNMENT:

With no further business to discuss, a motion was made Alderman, Pat Thompson to adjourn. Mayor Michael Harmison seconded the motion. The meeting was adjourned at 4:39 pm.

Approved:

Dennis Newberry, Mayor	Robin Craig, Clerk

JOINT SEWER BOARD
BILL LIST - MARCH
MARCH 18, 2025

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	$	150.27
OPERATING FUND BILLS TO BE PAID:	$	45,537.75
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	$	-
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	$	-
TOTAL	$	45,688.02

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Paid To:		Description:		Amount:
4020	Menards	81849	Garden Hose Adaper & Clamp	$	12.57
4020	Menards	81851	Grease Fitting Asst.	$	12.49
4176	Republic Services		March	$	82.22
4176	AT&T		March	$	42.99
			TOTAL	$	150.27

OPERATING FUND BILLS TO BE PAID:

Account	Paid To:	Description:		Amount:
4000	Equipment Replacement Fund	Payment into ER Fund	$	8,500.00
4020	CED	Pista Grit Supplies	$	200.00
4020	Central MO All Serv Plumb	Repair Broken Water Line	$	650.00
4020	Menards	Tarp	$	8.99
4020	Menards	Grease for Bar Screens & Nozzle	$	36.36
4020	Menards	Cleaning Supplies	$	40.14
4020	Menards	Bleach for Clarifier #3	$	61.62
4020	M/C QuickBooks	Accounting Software	$	35.00
4021	M/C Global Industries	Drying Bed for UV System	$	409.90
4150	M/C Big O Tires	Fix Flat Tire	$	25.19
4020	Smith & Loveless Inc.	Parts for Pista Grit System	$	77.15
4020	Woodley Building Main.	March	$	330.00
4170	Alliance Water Resources Inc	March	$	31,079.00
4175	Ameren MO	11673321	$	4,026.96
4175	Ameren MO	98041275	$	57.44
			$	-
		TOTAL	$	45,537.75

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Paid To:	Description:		Amount:
			$	-
		TOTAL	$	-

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

Account	Paid To:	Description:		Amount:
		TOTAL	$	-

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Account Number	**5580005920**
Customer Name	ALLIANCE WATER RESOURCES INC
Service Address	3 ANDERSON RD LAKE OZARK, MO 65049

AMOUNT DUE **$57.44**

Due Date **04/01/2025**

Amount After Due Date	$58.01
Previous Statement	$69.92
Total Payments	$69.92

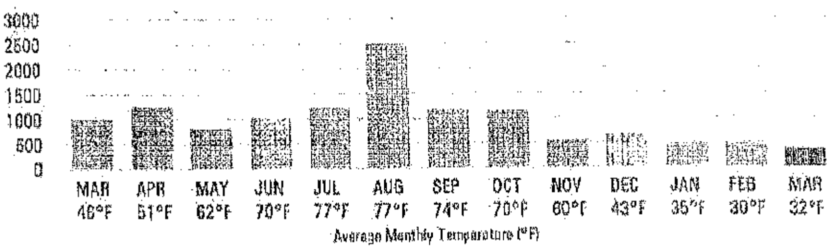
Payment Received. Thank You.

Current Detail for Statement 03/11/2025

Total Electric Charges	$57.44
Total Amount Due	**$57.44**

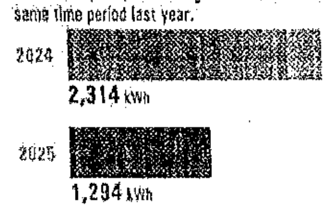
Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year you're using **44.1% less** than the same time period last year.



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02634 2370968 005233 010485 0001/0002

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GL Acct#: 4175

Signature: [signature]

Date: 3/11/25

» See next page for service details.

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Page 1 of 4

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Amount Due	Due Date
$57.44	April 01, 2025
Delinquent Amount After Due Date	**Account Number**
$58.01	5580005920

Amount Enclosed $ ______

>002634 2370968 0008 092139 10Z

ALLIANCE WATER RESOURCES INC
PO BOX 1985
LAKE OZARK, MO 65049-1985

AMEREN MISSOURI
P.O. BOX 88068
CHICAGO, IL 60680-1068

10633000 0055800059200 000000057440 000000057440

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Electric Service Details — Service from 02/06/2025 - 03/09/2025 (31 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
70843410	02/06 - 03/09	31	Total kWh	Actual	13671.0000	13322.0000	349.0000	1.0000	349.0000
70843410	02/06 - 03/09	31	Peak kW	Actual	7.7390	0.0000	7.7390	1.0000	7.7390

Usage Summary

Total kWh	349.0000	Non-Summer kWh	349.0000
Winter Base kWh	1000.0000	Current Base kWh	349.0000
Winter Cur Base kWh	349.0000	Seasonal kWh	0.0000

Rate 2M Sm Gen Svc - 3 Ph w/Dmd

Threshold - Peak Demand

DESCRIPTION	USAGE	UNIT		RATE	CHARGE
Base Energy Charge	349.00	kWh	@	$ 0.08940000	$31.20
Seasonal Energy Charge	0.00	kWh	@	$ 0.05160000	$0.00
Customer Charge					$23.07
Fuel Adjustment Charge	349.00	kWh	@	$ 0.00114000	$0.40
Energy Efficiency Investment Charge	349.00	kWh	@	$ 0.00281900	$0.98
Renewable Energy Adjustment	349.00	kWh	@	$ 0.00313000	$1.09
Rush Island Retirement Cost	349.00	kWh	@	$ 0.00200000	$0.70
				Total Service Amount	$57.44
				Total Electric Charges	**$57.44**

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
February 25, 2025	$69.92

Questions? Contact Ameren Missouri at 1.877.426.3736 or visit AmerenMissouri.com

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City, State, Zip ______________________

Phone Number ______________________

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Account Number 4580005832
Customer Name ALLIANCE WATER RESOURCES INC
Service Address 3 ANDERSON RD, ·
LAKE OZARK, MO 65049

AMOUNT DUE	**$4,026.96**
Due Date	**04/01/2025**
Amount After Due Date	$4,067.23
Previous Statement	$3,628.93
Total Payments	$3,628.93

Payment Received. Thank You.

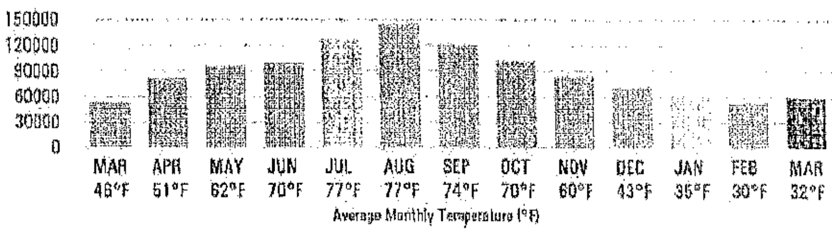
Current Detail for Statement 03/11/2025

Total Electric Charges	$4,026.96
Total Amount Due	**$4,026.96**

RECEIVED
MAR 11 2025

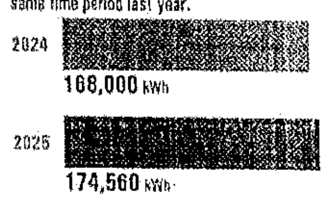
Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year you're using 3.9% more than the same time period last year.



Electric Service Details — Service from 02/06/2025 - 03/09/2025 (31 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
95783290	02/06 - 03/09	31	Total kWh	Actual	5007.0000	4634.0000	373.0000	160.0000	59680.0000
95783290	02/06 - 03/09	31	On Peak kWh	Actual	1754.0000	1627.0000	127.0000	160.0000	20320.0000

GL Acct#: 4175

» See next page for service details.

Keep this portion for your records.

Signature: [signature]

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Date: 3/11/25

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Amount Due	Due Date
$4,026.96	April 01, 2025

Delinquent Amount After Due Date	Account Number
$4,067.23	4580005832

Amount Enclosed $ ____________

>002663 2370968 0008 092139 10Z

ALLIANCE WATER RESOURCES INC
PO BOX 1985
LAKE OZARK, MO 65049-1985

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Electric Service Details (Continued)

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
95783299	02/06 - 03/09	31	Off Peak kW	Actual	0.6260	0.0000	0.6260	160.0000	100.1600
95783299	02/06 - 03/09	31	On Peak kW	Actual	0.6680	0.0000	0.6680	160.0000	106.8800

Usage Summary

Total kWh	59680.0000	Non-Summer kWh	59680.0000
Peak kW	106.9000	On-Peak kW	106.9000
Off-Peak kW	100.2000	Sec. Energy Block kW	106.9000
Billing Demand	106.9000	Total Billing Demand	106.9000
October Winter Base kW	213.3000	Winter Base Demand	106.9000
Base kWh Ratio	1.0000	Base kWh (HUD)	59680.0000
Seasonal kWh (HUD)	0.0000		

Rate 3M Large General Service

Secondary Srvc Off-Pk Demand Rider   Secondary Srvc Off-Pk Demand Rider

DESCRIPTION	USAGE	UNIT		RATE	CHARGE
Seasonal Energy Charge	0.00	kWh	@	$ 0.04080000	$0.00
Winter Demand Charge	106.90	kW	@	$ 2.30000000	$245.87
Base Energy Charge / Hours Used	16,035.00	kWh	@	$ 0.06980000	$1,119.24
Base Energy Charge / Hours Used	21,380.00	kWh	@	$ 0.05190000	$1,109.62
Base Energy Charge / Hours Used	22,265.00	kWh	@	$ 0.04090000	$910.64
Customer Charge					$110.55
Fuel Adjustment Charge	59,680.00	kWh	@	$ 0.00114000	$68.04
Energy Efficiency Investment Charge	59,680.00	kWh	@	$ 0.00262800	$156.84
Renewable Energy Adjustment	59,680.00	kWh	@	$ 0.00313000	$186.80
Rush Island Retirement Cost	59,680.00	kWh	@	$ 0.00200000	$119.36
				Total Service Amount	$4,026.96
				Total Electric Charges	**$4,026.96**

Questions? Contact Ameren Missouri at 1.877.426.3736 or visit **AmerenMissouri.com**.

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MONTH-TO-DATE AND YEAR-TO-DATE

REVENUE/BUDGET ANALYSIS

2/28/2025

Account Number	Account Name	2023 Actual	2024 Actual	2025 Budget	2025 Actual as of 2/28/2025	2025 February Revenue	Percent YTD
3020	Osage Beach	491,201.99	508,731.86	527,512.00	88,473.70	44,853.42	17%
3010	Lake Ozark	87,143.84	96,126.49	100,479.00	14,667.21	7,479.16	15%
3030	Misc.	234.08	0.00	0.00	0.00	0.00	0%
3100	Interest	5,522.07	12,796.10	8,500.00	3,284.86	1,594.73	39%
3060	Waste Haulers' Fee	63,160.00	66,425.00	64,000.00	7,275.00	3,450.00	11%
	Total Operating Fund	647,261.98	684,079.45	700,491.00	113,700.77	57,377.31	16%
	E/R Fund Income	15,192.01	19,513.33	12,000.00	4,111.25	2,511.99	34%
	TOTAL INCOME	662,453.99	703,592.78	712,491.00	117,812.02	59,889.30	17%

MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
2/28/2025

Account Number	Account Name	2023 Actual	2024 Actual	2025 Budget	2025 Actual as of 2/28/2025	2025 February Expenses	Percent YTD
4000	Equipment Replace Fund	60,000.00	100,000.00	102,000.00	17,000.00	8,500.00	17%
4020	*Maintenance & Repair	84,665.12	117,259.46	40,500.00	2,256.93	1,202.41	6%
4021	UV Bulbs, Quartz Sleeves	0.00	0.00	12,000.00	0.00	0.00	0%
4022	Main & Repair Projects	0.00	0.00	152,500.00	0.00	0.00	0%
4140	Insurance	22,791.00	27,213.00	30,000.00	0.00	0.00	0%
4150	Vehicle Repair/Main	3,255.47	5,678.97	10,000.00	63.72	63.72	1%
4170	Contract Management	353,592.00	363,852.00	372,948.00	62,158.00	31,079.00	17%
4175	Electric	88,547.80	94,529.00	98,000.00	7,833.88	3,698.85	8%
4176	Utilities Misc.	4,579.70	2,609.07	5,000.00	890.06	765.73	18%
4190	Bank Charges	3.00	0.00	0.00	0.00	0.00	0%
4200	Audit	2,800.00	2,994.50	3,200.00	0.00	0.00	0%
4240	Capital Purchases	0.00	0.00	0.00	0.00	0.00	0%
	Totals	620,234.09	714,136.00	826,148.00	90,202.59	45,309.71	11%
	**E/R Expenses	113,313.66	209,196.00	30,000.00	0.00	0.00	0%
	TOTAL EXPENSES	733,547.75	923,332.00	856,148.00	90,202.59	45,309.71	11%

OPERATING FUND INCOME AND EXPENSE SUMMARY
2/28/2025

Beginning Balance	**352,539.70**
Income - Osage Beach	44,853.42
Income - Lake Ozark	7,479.16
Income - Other	-
Income - Waste Haulers' Fees	3,450.00
Interest - Checking	21.14
Income - CD Interest	1,573.59
Transfers From E/R Fund	-
Transfers To E/R Fund	(8,500.00)
Expenses	(36,809.71)
Ending Fund Balance	**364,607.30**
Central Bank - NOW Acct.	121,329.75
	-
CD First Bank of the Lake, 5/20/26 #8432	118,266.39
CD First Bank of the Lake, 4/22/26 #8433	125,341.16
	-
Outstanding Checks: 1440	(330.00)
	364,607.30

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
2/28/2025

Beginning Balance	**409,235.55**
Interest - Checking	112.68
Income - CD Interest	2,399.31
Transfers From Operating Fund	8,500.00
Income - Miscellaneous	-
Expenses	-
Ending Fund Balance	**420,247.54**
First Bank of the Lake - Money Mkt.	108,187.39
CD First Bank of the Lake, 4/30/25 #8430	122,060.15
CD First Bank of the Lake, 8/07/25 #8434	190,000.00
	-
	-
Outstanding Checks:	-
	420,247.54

JOINT SEWER BOARD
BILL LIST
FEBRUARY 18, 2025

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	$	915.85
OPERATING FUND BILLS TO BE PAID:	$	45,160.00
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	$	-
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	$	-
TOTAL	$	46,075.85

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Paid To:	Description:		Amount:
4020	FedEx	Ship Actuator	$	461.20
4020	Woodley Building Main.	January	$	330.00
4176	Allied Services	February	$	81.66
4176	AT&T	February	$	42.99
		TOTAL	$	915.85

OPERATING FUND BILLS TO BE PAID:

Account	Paid To:	Description:		Amount:
4000	Equipment Replacement Fund	Payment into ER Fund	$	8,500.00
4020	M/C QuickBooks	Accounting Software	$	35.00
4150	M/C Wal-Mart	Oil Change	$	63.72
4020	GLW	Repair Pista Grit Cyclone	$	625.70
4020	Menards 81226	Hose Clamp for Pista Grit	$	5.49
4020	Smith & Loveless Inc.	Filters for Pista Grit	$	106.26
4020	USA Blue Book	Oil Absorbent Socks	$	74.90
4020	Woodley Building Main.	February	$	330.00
4170	Alliance Water Resources Inc	January	$	31,079.00
4175	Ameren MO	11673321	$	3,628.93
4175	Ameren MO	98041275	$	69.92
4176	Ferrellgas	320.7 Gal Propane	$	641.08
			$	-
		TOTAL	$	45,160.00

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Paid To:	Description:		Amount:
			$	-
		TOTAL	$	-

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

Account	Paid To:	Description:		Amount:
		TOTAL	$	-

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FOCUSED ENERGY. For life.

Account Number 5580005920
Customer Name ALLIANCE WATER RESOURCES INC
Service Address 3 ANDERSON RD
LAKE OZARK, MO 65049

Current Detail for Statement 02/10/2025

Total Electric Charges	$69.92
Total Amount Due	**$69.92**

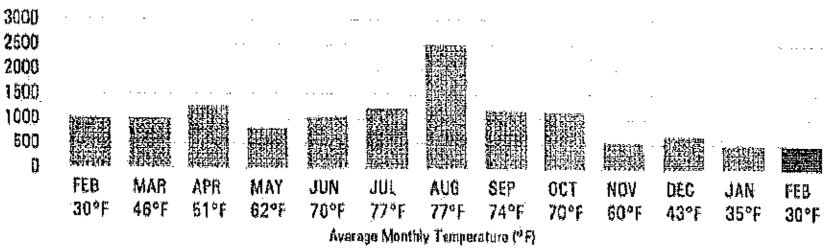
FEB 10 2025

AMOUNT DUE	**$69.92**
Due Date	**03/04/2025**
Amount After Due Date	$70.62
Previous Statement	$69.73
Total Payments	$69.73

Payment Received. Thank You.

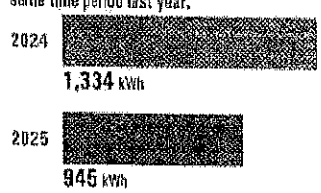
Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year you're using 29.2% less than the same time period last year.



13073
01263 2363311 002503 005005 0001/0092

Keeping You Informed.
Update your account information so we can contact you when crews are working in your neighborhood. Fill out the slip and mail it in or update your online account. Don't have an online account? Sign up today at **AmerenMissouri.com**.

GL Acct#: 4175
Signature: Gary Hatchey
Date: 2/10/25

» See next page for service details.

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Ameren MISSOURI

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Amount Due	Due Date
$69.92	March 04, 2025
Delinquent Amount After Due Date	**Account Number**
$70.62	5580005920

Amount Enclosed $ ______

>001263 2363311 0007 092139 10Z

ALLIANCE WATER RESOURCES INC
PO BOX 1985
LAKE OZARK, MO 65049-1985

AMEREN MISSOURI
P.O. BOX 88068
CHICAGO, IL 60680-1068

50633000 0055800059200 000000069920 000000069920

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- Pay online or manage your account: AmerenMissouri.com
- Customer Service: 1.877.426.3736

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Electric Service Details — Service from 01/08/2025 - 02/06/2025 (29 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
70843410	01/08 - 02/06	29	Total kWh	Actual	13322.0000	12850.0000	472.0000	1.0000	472.0000
70843410	01/08 - 02/06	29	Peak kW	Actual	25.0010	0.0000	25.0010	1.0000	25.0010

Usage Summary

Total kWh	472.0000	Non-Summer kWh	472.0000
Winter Base kWh	1000.0000	Current Base kWh	472.0000
Winter Cur Base kWh	472.0000	Seasonal kWh	0.0000

Rate 2M Sm Gen Svc - 3 Ph w/Dmd

Threshold - Peak Demand

DESCRIPTION	USAGE	UNIT		RATE	CHARGE
Base Energy Charge	472.00	kWh	@	$ 0.08940000	$42.20
Seasonal Energy Charge	0.00	kWh	@	$ 0.05160000	$0.00
Customer Charge					$23.07
Fuel Adjustment Charge	472.00	kWh	@	$ 0.00205207	$0.97
Energy Efficiency Investment Charge	472.00	kWh	@	$ 0.00354859	$1.67
Renewable Energy Adjustment	472.00	kWh	@	$ 0.00226551	$1.07
Rush Island Retirement Cost	472.00	kWh	@	$ 0.00200000	$0.94
				Total Service Amount	$69.92
				Total Electric Charges	**$69.92**

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
January 27, 2025	$69.73

Questions? Contact Ameren Missouri at **1.877.426.3736** or visit **AmerenMissouri.com**.

Address Changes or Corrections

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Account Number 4580005832
Customer Name ALLIANCE WATER RESOURCES INC
Service Address 3 ANDERSON RD, -
LAKE OZARK, MO 65049

Current Detail for Statement 02/10/2025

Total Electric Charges	$3,628.93
Total Amount Due	**$3,628.93**

FEB 10 2025

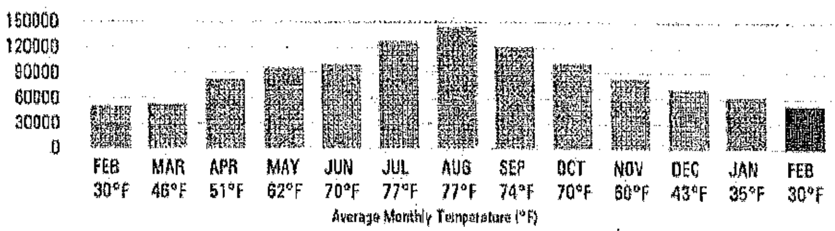
AMOUNT DUE **$3,628.93**

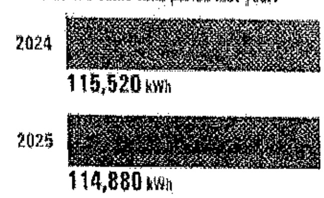
Due Date **03/04/2025**

Amount After Due Date	$3,665.22
Previous Statement	$4,065.30
Total Payments	$4,065.30

Payment Received. Thank You.

Electric Usage History





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01283 2363311 002543-005065 0001/0002

Electric Service Details Service from 01/08/2025 - 02/06/2025 (29 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
95783299	01/08 - 02/06	29	Total kWh	Actual	4634.0000	4304.0000	330.0000	160.0000	52800.0000
95783299	01/08 - 02/06	29	On Peak kWh	Actual	1627.0000	1507.0000	120.0000	160.0000	19200.0000

GL Acct#: 4175

» See next page for service details.

Keep this portion for your records. Signature: [signature] Page 1 of 4

Please return this portion with your payment. Date: 2/10/25

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Amount Due	Due Date
$3,628.93	March 04, 2025
Delinquent Amount After Due Date	**Account Number**
$3,665.22	4580005832

Amount Enclosed $ ______

>001283 2363311 0007 092139 10Z

ALLIANCE WATER RESOURCES INC
PO BOX 1985
LAKE OZARK, MO 65049-1985

AMEREN MISSOURI
P.O. BOX 88068
CHICAGO, IL 60680-1068

60600000 0045800058302 000003628930 000003628930

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Electric Service Details (Continued)

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
95783299	01/08 - 02/06	29	Off Peak kW	Actual	0.5980	0.0000	0.5980	160.0000	95.6800
95783299	01/08 - 02/06	29	On Peak kW	Actual	0.5800	0.0000	0.5800	160.0000	92.8000

Usage Summary

Total kWh	52800.0000	Non-Summer kWh	52800.0000
Peak kW	95.7000	On-Peak kW	92.8000
Off-Peak kW	95.7000	Sec. Energy Block kW	92.8000
Billing Demand	92.8000	Total Billing Demand	100.0000
October Winter Base kW	213.3000	Winter Base Demand	92.8000
Base kWh Ratio	1.0000	Base kWh (HUD)	52800.0000
Seasonal kWh (HUD)	0.0000		

Rate 3M Large General Service

Secondary Srvc Off-Pk Demand Rider   Secondary Srvc Off-Pk Demand Rider

DESCRIPTION	USAGE	UNIT		RATE	CHARGE
Seasonal Energy Charge	0.00	kWh	@	$ 0.04080000	$0.00
Winter Demand Charge	100.00	kW	@	$ 2.30000000	$230.00
Base Energy Charge / Hours Used	13,920.00	kWh	@	$ 0.06980000	$971.62
Base Energy Charge / Hours Used	18,560.00	kWh	@	$ 0.05190000	$963.26
Base Energy Charge / Hours Used	20,320.00	kWh	@	$ 0.04090000	$831.09
Customer Charge					$110.55
Fuel Adjustment Charge	52,800.00	kWh	@	$ 0.00205207	$108.35
Energy Efficiency Investment Charge	52,800.00	kWh	@	$ 0.00357650	$188.84
Renewable Energy Adjustment	52,800.00	kWh	@	$ 0.00226651	$119.62
Rush Island Retirement Cost	52,800.00	kWh	@	$ 0.00200000	$105.60
				Total Service Amount	$3,628.93

Total Electric Charges **$3,628.93**

Questions? Contact Ameren Missouri at **1.877.426.3736** or visit **AmerenMissouri.com**.

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Address ______________________
City, State, Zip ______________________
Phone Number ______________________

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- IN PERSON FIND A PAY STATION AT AMERENMISSOURI.COM/PAYSTATION
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- MAIL STUB & CHECK

MONTH-TO-DATE AND YEAR-TO-DATE

REVENUE/BUDGET ANALYSIS

1/31/2024

Account Number	Account Name	2023 Actual	2024 Actual	2025 Budget	2025 Actual as of 1/31/2024	2025 January Revenue	Percent YTD
3020	Osage Beach	491,201.99	508,731.86	527,512.00	43,620.28	43,620.28	8%
3010	Lake Ozark	87,143.84	96,126.49	100,479.00	7,188.05	7,188.05	7%
3030	Misc.	234.08	0.00	0.00	0.00	0.00	0%
3100	Interest	5,522.07	12,796.10	8,500.00	1,690.13	1,690.13	20%
3060	Waste Haulers' Fee	63,160.00	66,425.00	64,000.00	3,825.00	3,825.00	6%
	Total Operating Fund	647,261.98	684,079.45	700,491.00	56,323.46	56,323.46	8%
	E/R Fund Income	15,192.01	19,513.33	12,000.00	1,599.26	1,599.26	13%
	TOTAL INCOME	662,453.99	703,592.78	712,491.00	57,922.72	57,922.72	8%

MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
1/31/2024

Account Number	Account Name	2023 Actual	2024 Actual	2025 Budget	2025 Actual as of 1/31/2024	2025 January Expenses	Percent YTD
4000	Equipment Replace Fund	60,000.00	100,000.00	102,000.00	8,500.00	8,500.00	8%
4020	*Maintenance & Repair	84,665.12	117,259.46	40,500.00	1,054.52	1,054.52	3%
4021	UV Bulbs, Quartz Sleeves	0.00	0.00	12,000.00	0.00	0.00	0%
4022	Main & Repair Projects	0.00	0.00	152,500.00	0.00	0.00	0%
4140	Insurance	22,791.00	27,213.00	30,000.00	0.00	0.00	0%
4150	Vehicle Repair/Main	3,255.47	5,678.97	10,000.00	0.00	0.00	0%
4170	Contract Management	353,592.00	363,852.00	372,948.00	31,079.00	31,079.00	8%
4175	Electric	88,547.80	94,529.00	98,000.00	4,135.03	4,135.03	4%
4176	Utilities Misc.	4,579.70	2,609.07	5,000.00	124.33	124.33	2%
4190	Bank Charges	3.00	0.00	0.00	0.00	0.00	0%
4200	Audit	2,800.00	2,994.50	3,200.00	0.00	0.00	0%
4240	Capital Purchases	0.00	0.00	0.00	0.00	0.00	0%
	Totals	620,234.09	714,136.00	826,148.00	44,892.88	44,892.88	5%
	**E/R Expenses	113,313.66	113,313.66	30,000.00	0.00	0.00	0%
	TOTAL EXPENSES	733,547.75	827,449.66	856,148.00	44,892.88	44,892.88	5%

OPERATING FUND INCOME AND EXPENSE SUMMARY
1/31/2025

Beginning Balance	**341,109.12**
Income - Osage Beach	43,620.28
Income - Lake Ozark	7,188.05
Income - Other	-
Income - Waste Haulers' Fees	3,825.00
Interest - Checking	22.40
Income - CD Interest	1,667.73
Transfers From E/R Fund	-
Transfers To E/R Fund	(8,500.00)
Expenses	(36,392.88)
Ending Fund Balance	**352,539.70**
Central Bank - NOW Acct.	110,835.74
	-
CD First Bank of the Lake, 2/20/25 #8432	116,692.80
CD First Bank of the Lake, 4/22/26 #8433	125,341.16
	-
Outstanding Checks: 1430	(330.00)
	352,539.70

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
1/31/2025

Beginning Balance	**399,136.29**
Interest - Checking	77.11
Income - CD Interest	1,522.15
Transfers From Operating Fund	8,500.00
Income - Miscellaneous	-
Expenses	-
Ending Fund Balance	**409,235.55**
First Bank of the Lake - Money Mkt.	97,175.40
CD First Bank of the Lake, 4/30/25 #8430	122,060.15
CD First Bank of the Lake, 8/07/25 #8434	190,000.00
	-
	-
Outstanding Checks:	-
	409,235.55

REPORT OF

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT

DECEMBER 31, 2024

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT

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GKC
GERDING, KORTE & CHITWOOD CPAS
Professional Corporation
Certified Public Accountants

723 Main St.
Boonville, MO 65233
(660) 882-7000
Fax: (660) 882-7765

www.gkccpas.com

INDEPENDENT AUDITOR'S REPORT

Board of Directors
The Joint Board of the Lake Ozark - Osage Beach
Sewage Treatment Plant
Osage Beach, Missouri

Report on the Financial Statements

Opinions

We have audited the accompanying modified cash basis financial statements of the business-type activities of the Joint Board of the Lake Ozark – Osage Beach Sewage Treatment Plant (the "Board"), as of and for the year ended December 31, 2024, and the related notes to the financial statements, which collectively comprise the Board's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective modified cash basis financial position of the business-type activities of the Board as of December 31, 2024, and the respective changes in modified cash basis financial position for the year then ended in accordance with the modified cash basis of accounting described in Note 1.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of Financial Statements section of our report. We are required to be independent of the Board and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with the modified cash basis of accounting described in Note 1; this includes determining that the modified cash basis of accounting is an acceptable basis for the preparation of the financial statements in the circumstances.

Management is also responsible for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Board's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than one resulting from error, as fraud may involve collusion, forgery, intentional omission, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of the internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for purposes of expressing an opinion on the effectiveness of the Board's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Board's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Basis of Accounting

We draw attention to Note 1 of the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to that matter.

Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Board's basic financial statements. The accompanying statement of revenues collected, expenses paid and changes in net position arising from modified cash transactions – with budget comparisons, is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the statement of revenues collected, expenses paid and changes in net position arising from modified cash transactions - with budget comparisons is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated March 7, 2025, on our consideration of the Board's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Board's internal control over financial reporting and compliance.

Gerding, Korte & Chitwood, P.C.

March 7, 2025

Gerding, Korte & Chitwood, P.C.
Certified Public Accountants
Boonville, Missouri

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT MANAGEMENT'S DISCUSSION AND ANALYSIS YEAR ENDED DECEMBER 31, 2024 (UNAUDITED)

As management of the Joint Board of the Lake Ozark-Osage Beach Sewage Treatment Plant, we offer readers of the Board's financial statement this narrative overview and analysis of the financial activities of the Board for the calendar year.

Financial Highlights

The assets of the Joint Board of the Lake Ozark-Osage Beach Sewage Treatment Plant exceeded its liabilities at the close of the most recent calendar year by $740,245 (net position). Of this amount, $399,136 was restricted for equipment replacement, and $341,109 was unrestricted and may be used to meet the government's ongoing obligations to citizens and creditors in accordance with the Board's fund designation and fiscal policies.

The Board's total net position decreased by $119,739; this decrease in cash is primarily a result of the RAS pump replacement project ($188,500) completed during the year, compared to 2023.

Total operating revenue increased 5% from $641,506 in FY2023 to $671,284 in FY2024. Revenue from the City of Lake Ozark based on actual measured flows to the plant for the year was $96,126 (15.89%) and Osage Beach was $508,732 (84.11%). Waste Hauler's Fee revenue was up 5%. The number of loads (604) and gallons (1,319,000) was up 3% and 5%, respectively, for the year. Disposal charges are calculated at $0.05 per gallon, in 500-gallon increments. Interest earnings increased 56%, from $20,714 in FY 2023 to $32,309 in FY 2024.

Total operating expenses increased $53,902 (10%) from $560,234 in FY2023 to $614,136 in FY2024. The increase was primarily due to the Clarifier #3 paint project ($43,550). Capital improvement projects completed during the year include replacement of RAS pumps ($188,500), and Clarifier #2 gear box/drive rebuild ($15,866).

Overview of the Financial Statements

This discussion and analysis are intended to serve as an introduction to the Board's basic financial statements. The Board's basic financial statements are comprised of two components: 1) proprietary fund financial statements and 2) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT
MANAGEMENT'S DISCUSSION AND ANALYSIS
YEAR ENDED DECEMBER 31, 2024
(UNAUDITED)

Proprietary Funds - The Board maintains one type of proprietary fund. The Board uses an enterprise fund to account for its sewer operations.

The proprietary fund financial statements are designed to provide readers with the broad overview of the Board's finances in a manner similar to private-sector business.

The Statement of Net Position presents information on all the Board's modified cash basis assets and liabilities, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator as to whether the cash position of the Board is improving or deteriorating.

The Statement of Activities presents information showing how the Board's modified cash basis net position changed during the fiscal year. All changes in modified cash basis net position are reported when cash is received and expended.

Notes to the Financial Statements - The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements. The notes to the financial statements can be found on pages 10-15.

Other Information - In addition to the basic financial statements and accompanying notes, this report also presents a budget comparison. The budget comparison can be found on page 16 of this report.

NET POSITION

	2024	2023
Current assets	$ 341,109	$ 371,166
Restricted assets	399,136	488,818
Total Assets	740,245	859,984
Net Position		
Unrestricted	341,109	371,166
Restricted for equipment replacement	399,136	488,818
Total Net Position	$ 740,245	$ 859,984

<u>Business-Type Activities</u>: Net Position from business-type activities decreased by $119,739 from $859,984 to $740,245.

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT MANAGEMENT'S DISCUSSION AND ANALYSIS YEAR ENDED DECEMBER 31, 2024 (UNAUDITED)

The following table provides a summary of the Board's operations for years ended December 31, 2024 and 2023

CHANGES IN NET POSITION

	2024	2023
Revenues:		
Program Revenues		
Charges for services	$ 671,284	$ 641,506
General Revenues		
Interest and investment earnings	32,309	20,714
Miscellaneous	-	234
Total Revenues	703,593	662,454
Expenses:		
Sewer	823,332	673,548
Total Expenses	823,332	673,548
Increase (Decrease) in net position	(119,739)	(11,094)
Net Position-Beginning of Year	859,984	871,078
Net Position-End of Year	$ 740,245	$ 859,984

Economic Outlook

The annual sewer flows to the plant decreased slightly (.3%) from 412,581,000 gallons in fiscal year 2023 to 411,298,000 gallons in 2024. Lake Ozark increased 1% from 63,319,000 gallons in 2023 to 64,002,000 in 2024. Osage Beach decreased 1% from 349,262,000 in 2023 to 347,296,000 in 2024. Both cities are currently experiencing growth and flows to the plant are expected to increase in the future. The 2025 Budget includes a 3% increase of payments from the two cities No rate increases of disposal charges for its Waste Haulers' fees are expected in 2025.

Request for Information

The financial report is designed to provide the reader a general overview of the Lake Ozark-Osage Beach Sewage Treatment Plant's finances. Questions or requests for more information concerning any of the information provided in this report should be directed to Karri Bell, City Treasurer (kbell@osagebeach.org), City of Osage Beach, 1000 City Parkway, Osage Beach, Missouri 65065, or call (573) 302-2000, extension 1030.

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT
STATEMENT OF NET POSITION ARISING FROM MODIFIED CASH TRANSACTIONS
DECEMBER 31, 2024

ASSETS	
Current Assets:	
Cash and investments	$ 341,109
Restricted Assets:	
Cash and investments	399,136
Total Assets	$ 740,245
NET POSITION	
Restricted for equipment replacement	399,136
Unrestricted	341,109
Total Net Position	$ 740,245

See Notes to Financial Statements

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT
STATEMENT OF ACTIVITIES ARISING FROM MODIFIED CASH TRANSACTIONS
YEAR ENDED DECEMBER 31, 2024

Functions/Programs	Expenses	Program Revenues Charges for Services	Net Expenses and Changes in Net Position
Business -Type Activities:			
Sewer	$ 823,332	$ 671,284	$ (152,048)
Total	$ 823,332	$ 671,284	(152,048)
Unrestricted investment earnings			32,309
Total general revenues			32,309
Change in net position			(119,739)
Net position - beginning			859,984
Net position - ending			$ 740,245

See Notes to Financial Statements

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT
STATEMENT OF REVENUES COLLECTED, EXPENSES PAID AND CHANGES IN NET POSITION ARISING FROM MODIFIED CASH TRANSACTIONS
YEAR ENDED DECEMBER 31, 2024

Operating Revenues Collected:	
User fees	$ 671,284
Total Operating Revenues Collected	671,284
Operating Expenses Paid:	
Repair and maintenance	122,938
Insurance	27,213
Professional services	2,995
Electricity	97,138
Contract management	363,852
Total Operating Expenses Paid	614,136
Income (Loss) from Operations	57,148
Nonoperating Revenues (Expenses):	
Interest received	32,309
Capital improvements, equipment	(209,196)
Net Nonoperating Revenues (Expenses)	(176,887)
Net Income (Loss)	(119,739)
Net Position, beginning of year	859,984
Net Position, end of year	$ 740,245

See Notes to Financial Statements

THE JOINT BOARD OF THE LAKE OZARK – OSAGE BEACH SEWAGE TREATMENT PLANT NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2024

I. SUMMARY OF SIGNIFICANT ACCOUNTING PRINCIPLES

Reporting Entity

The Organization was formed in 1984 under authorization set forth by Section 250.20 of the Revised Statutes of the State of Missouri as amended. The purpose of the Organization is to operate and maintain a sewage treatment plant owned by the cities of Lake Ozark and Osage Beach.

The Board has developed criteria to determine whether outside agencies, with activities which benefit the patrons of the Board, should be included within its financial reporting entity. The criteria includes, but is not limited to, whether the Board exercises oversight responsibility (which includes financial interdependency, selection of governing authority, designation of management, ability to significantly influence operations and accountability for fiscal matters), scope of public service, and special financing relationships.

The Board has determined that no other outside agency meets the above criteria, and therefore, no other agency has been included as a component unit in the Board's financial statements. In addition, the Board is not aware of any entity which would exercise such oversight which would result in the Board being considered a component unit of the entity.

Basis of accounting refers to when revenues and expenditures are recognized in the accounts and reported in the financial statements.

The accounts of the Board are maintained, and the accompanying financial statements have been prepared, on the modified cash basis of accounting. Therefore, revenues and expenditures are recognized only when collected or paid, and receivables and accrued liabilities are not reflected in the financial statements.

The Board distinguishes operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with the Board's principal ongoing operations. The principal operating revenues of the Board's enterprise fund are fees charged to the cities of Osage Beach and Lake Ozark, and waste handling fees. The principal operating expenses of the Board are contract management, hauler fees and insurance. All revenues and expenses not meeting these definitions are reported as non-operating revenues and expenses. The Board first utilizes unrestricted resources to finance qualifying activities. Amounts reported as program revenues include user fees.

THE JOINT BOARD OF THE LAKE OZARK – OSAGE BEACH
SEWAGE TREATMENT PLANT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2024

I. SUMMARY OF SIGNIFICANT ACCOUNTING PRINCIPLES (continued)

Cash and Investments

Cash consists of amounts in demand deposits and certificates of deposit. The Board considers all highly liquid investments maturing within three months to be cash equivalents. Cash balances are invested to the extent available. Investments include certificates of deposit. Investments are stated at cost or amortized cost.

State statutes authorize the Board to invest in obligations of the U.S. Treasury, commercial paper, corporate bonds, repurchase agreements and the State Treasurer's Investment Pool.

Restricted Assets

Certain resources are classified as restricted assets on the balance sheet because their use is limited by applicable organizational agreements.

Capital assets are charged to expenditures as they are paid. Capital improvements and equipment report the cost of property, plant and equipment.

Budgets and Budgetary Practices

The board members are responsible for the approval of an annual operating budget. A formal budget was adopted October 17, 2023 and amended November 19, 2024. The Board was in compliance with State statutes in accordance with Sections 67.010 to 67.080, RSMo 1986.

Compensated Absences

The Board has no policy providing for compensated absences.

THE JOINT BOARD OF THE LAKE OZARK – OSAGE BEACH
SEWAGE TREATMENT PLANT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2024

II. DETAILED NOTES ON ALL FUNDS

A. Cash and Investments

The Board complies with various restrictions on deposits and investments which are imposed by state statutes as follows:

Deposits - Missouri statutes require that all deposits with financial institutions be collateralized in an amount at least equal to uninsured deposits.

Investments - The Board may purchase any investments allowed by the State Treasurer. These include (1) obligations of the United States government or any agency or instrumentality thereof maturing and becoming payable not more than three years from the date of purchase, or (2) repurchase agreements maturing and becoming payable within ninety days secured by U. S. Treasury obligations or obligations of U.S. government agencies or instrumentalities of any maturity, as provided by law.

Deposits:

The Board's deposits, including restricted assets, are stated at cost and are composed of the following:

	Maturity Date	Carrying Value
Deposits:		
Demand deposits		$ 189,341
Investments:		
Time deposit	01/22/25	123,673
Time deposit	02/20/25	116,693
Time deposit	04/30/25	120,538
Time deposit	08/07/25	190,000
Total deposits & investments		$ 740,245

Custodial credit risk. Deposits in financial institutions, reported as components of cash and investments, had a bank balance of $740,576 at December 31, 2024, which was fully insured by depository insurance.

Investment interest rate risk. The Board has no formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates. Maturities of investments held at December 31, 2024, are provided in the previous schedule.

THE JOINT BOARD OF THE LAKE OZARK – OSAGE BEACH SEWAGE TREATMENT PLANT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2024

II. DETAILED NOTES ON ALL FUNDS (continued)

Investment credit risk. The Board maintains cash deposits and investments which are authorized by the Board. The Board invests idle funds in certificates of deposit.

Concentration of investment credit risk. The Board places no limit on the amount it may invest in any one issuer. At December 31, 2024, the Board had no concentration of credit risk.

B. Restricted Assets and Net Position

The 1984 agreement for Joint Design, Construction, Ownership, Operation and Maintenance of the Lake Ozark - Osage Beach Sewage Treatment Plant established amounts required to be deposited in an equipment replacement account. All required deposits to those accounts have been made. The restrictions are as follows:

	Restricted Cash and Investments	Restricted Net Position
Equipment Replacement Account	$ 399,136	$ 399,136

C. Expense Allocation

Per the 2024 budget of the Board, the expenses of operating the sewer treatment plant are to be shared by the cities in the following percentages for 2024:

Lake Ozark	16.00%
Osage Beach	84.00%

For the year ended December 31, 2024, the percentages actually contributed are as follows:

Lake Ozark	15.89%
Osage Beach	84.11%

D. Professional Services

Professional services expense includes accountant fees paid during 2024.

THE JOINT BOARD OF THE LAKE OZARK – OSAGE BEACH SEWAGE TREATMENT PLANT NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2024

III. OTHER INFORMATION

A. Ownership of Facility

Ownership of the sewage treatment plant and its real and personal property is vested and titled equally in the names of Lake Ozark and Osage Beach as tenants in common.

Costs incurred in building the facility and related equipment were paid directly by the cities of Lake Ozark and Osage Beach.

B. Contingent Liabilities

Amounts received or receivable from grantor agencies are subject to audit and adjustment by grantor agencies, principally by the federal government. Any disallowed claims, including amounts already collected, may constitute a liability of the applicable funds. The amount, if any, of expenditures which may be disallowed by the grantor cannot be determined at this time, although the government expects such amounts, if any, to be immaterial.

C. Litigation

Management believes there are no outstanding matters which will have a material effect on the financial statements of the Board.

D. Commitments

On February 1, 2024, the Board entered into an agreement with Alliance Water Resources, Inc. to provide operation, maintenance and management services for Board facilities for the period February 1, 2024 through December 31, 2025. The agreement is terminable each December 31 and must be renegotiated annually with written documentation given Alliance by the Board no later than July 31 of each year during the three year term.

E. Risk Management

The Board is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions; and natural disasters for which the Board carries commercial insurance.

THE JOINT BOARD OF THE LAKE OZARK – OSAGE BEACH SEWAGE TREATMENT PLANT NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2024

III. OTHER INFORMATION (continued)

F. Consideration of Subsequent Events

Subsequent events have been evaluated through March 7, 2025, which is the date the financial statements are available to be issued. No events requiring disclosure were identified as a result of this review.

SUPPLEMENTARY INFORMATION

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH
SEWAGE TREATMENT PLANT
STATEMENT OF REVENUES COLLECTED, EXPENSES PAID AND CHANGES IN NET POSITION ARISING FROM MODIFIED CASH TRANSACTIONS - WITH BUDGET COMPARISONS
YEAR ENDED DECEMBER 31, 2024

	Budgeted Amounts		Actual	Variance with
	Original	Final	Amounts	Final Budget
OPERATING REVENUES COLLECTED:				
User fees	$ 666,700	$ 666,700	$ 671,284	$ 4,584
Total Operating Revenues Collected	666,700	666,700	671,284	4,584
OPERATING EXPENSES PAID:				
Repairs and maintenance	73,000	91,450	122,938	(31,488)
Insurance	26,210	26,210	27,213	(1,003)
Professional fees	2,900	2,900	2,995	(95)
Electricity	91,700	100,200	97,138	3,062
Contract management	374,808	374,808	363,852	10,956
Total Operating Expenses Paid	568,618	595,568	614,136	(18,568)
Net Income (Loss) from Operations	98,082	71,132	57,148	(13,984)
NON-OPERATING REVENUES (EXPENSES):				
Interest received	17,000	17,000	32,309	15,309
Capital improvements, equipment	(295,000)	(295,000)	(209,196)	85,804
Net Non-Operating Revenues (Expenses)	(278,000)	(278,000)	(176,887)	101,113
Net Income (Loss)	(179,918)	(206,868)	(119,739)	$ 87,129
Net Position, beginning of year	859,984	859,984	859,984	
Net Position, end of year	$ 680,066	$ 653,116	$ 740,245	

COMPLIANCE AND INTERNAL CONTROL

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INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

Board of Directors
The Joint Board of the Lake Ozark - Osage Beach
Sewage Treatment Plant
Osage Beach, Missouri

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities of The Joint Board of the Lake Ozark - Osage Beach Sewage Treatment Plant (the "Board"), as of and for the year ended December 31, 2024 and the related notes to the financial statements, which collectively comprise the Board's basic financial statements and have issued our report thereon dated March 7, 2025.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Board's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Board's internal control. Accordingly, we do not express an opinion on the effectiveness of the Board's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Board's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Gerding, Korte & Chitwood, P.C.

March 7, 2025

Gerding, Korte & Chitwood, P.C.
Certified Public Accountants
Boonville, Missouri

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT

AUDIT COMMUNICATIONS LETTER

DECEMBER 31, 2024

GKC

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Professional Corporation

Certified Public Accountants

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Fred W. Korte, Jr.

MEMBERS OF AMERICAN INSTITUTE
OF CERTIFIED PUBLIC ACCOUNTANTS

Board of Directors
The Joint Board of the Lake Ozark - Osage Beach
Sewage Treatment Plant
Osage Beach, Missouri

We have audited the financial statements of the business-type activities of The Joint Board of the Lake Ozark - Osage Beach Sewage Treatment Plant (the "Board") for the year ended December 31, 2024. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards and *Government Auditing Standards*, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated November 15, 2024. Professional standards also require that we communicate to you the following information related to our audit.

<u>Significant Audit Findings</u>

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Board are described in Note I to the financial statements. No new accounting policies were adopted and application of existing policies was not changed during 2024. We noted no transactions entered into by the Board during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

The financial statement disclosures are neutral, consistent, and clear.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. Management has corrected all such misstatements. In addition, none of the misstatements detected as a result of audit procedures and corrected by management were material, either individually or in the aggregate, to the financial statements taken as a whole.

Disagreements with Management

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated March 7, 2025.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the Board's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Board's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

We were engaged to report on the statement of revenues collected, expenses paid and changes in net position arising from modified cash transactions – with budget comparisons, which accompanies the financial statements but is not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with the modified cash basis of accounting, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

We were not engaged to report on the management's discussion and analysis, which accompanies the financial statements but is not RSI. We did not audit or perform other procedures on this other information and we do not express an opinion or provide any assurance on it.

Restriction on Use

This information is intended solely for the use of the Board of Directors, management and others within the Board and is not intended to be and should not be used by anyone other than these specified parties.

Gerding, Korte & Chitwood, P.C.

March 7, 2025

Gerding, Korte & Chitwood, P.C.
Certified Public Accountants
Boonville, Missouri

OUR MISSION

We partner with communities to deliver the finest water and wastewater services available at a competitive price. We are committed to keeping water safe and clean while serving people and taking care of communities with improved technical operations, careful management and financial oversight, and ensured regulatory compliance.

Alliance Water Resources, Inc.

206 S. Keene St.
Columbia, MO 65201

(573)874-8080

Alliance WATER RESOURCES®
Professional Water and Wastewater Operations

REPORT OF OPERATIONS

LAKE OZARK/OSAGE BEACH
Joint Wastewater Treatment Plant No. 1

Month of February 2025

Submitted by Alliance Water Resources, Inc. for the

March 2025

Joint Sewer Board Meeting

SUMMARY OF FACILITY OPERATION

The Lake Ozark/Osage Beach Joint WWTP produced superior effluent quality throughout the month and was in full compliance with effluent limitations established in NPDES Permit No.MO-0103241. No leaks, no spills, and no unauthorized releases to waters of the state. No work-related lost time accidents have occurred during the month.

Detailed information relating to plant performance and operations is presented as follows.

PLANT EFFLUENT QUALITY

	BOD mg/l	TSS mg/l	pH	E.coli Coliform Colonies/100 ml	Ammonia as N mg/L	O&G mg/L
Monthly/Quarterly Avg	2.9	1.8	N/A	0.0	0.12	< 2.0
Peak Day	3.3	2.5	8.0	0.0	0.17	< 2.0
Percent Removal	98.7	99.3	N/A	N/A	N/A	N/A

NPDES EFFLUENT LIMITATIONS

	BOD mg/l	TSS mg/l	pH	E.coli Coliform Colonies/100 ml	Ammonia as N mg/L	O&G mg/L
Monthly/Quarterly Avg	30	30	6-9	126	2.7	10
Weekly Average	45	45		630		
Daily Max				N/A	12.1	15

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 0.901 MGD or 30% of Permitted flow with Lake Ozark contributing 15% of the total flow and Osage Beach contributing 85%. Daily influent flow BOD and TSS data is presented in Table A. Daily flow for the month and rainfall are shown in Figure 2. A three-year flow history for each of the two cities is presented in Table B.

Organic loading for the month was 46335 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 0 tanker loads of bio-solids during the month equivalent to a total of 0 gallons and 0 pounds dry weight solids.

0 pounds of dry weight solids have been land applied year to date.

Bio-solids inventory in the storage tanks at the end of the month was 360,000 gallons with a level of 6.0 feet in Tank 1 and 2.0 feet in Tank 2.

WASTEHAULERS

The plant received 31 loads of septage during the month totaling 69,000 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Maxpanda Maintenance Data Management software schedule.
- We sprung a leak in the non-potable water line right at the floor level in the headworks building on the 10th of February. We called Central MO Plumbing, and they said they could fix it but wanted to wait until the weather/temperatures got better. They came back on the 25th and capped the leak at the floor and installed a hose spigot at another location by the garage door so we would have wash down water in the building.
- The pista grit system went down on the 19th of February. We found that the phase monitor base had shorted out. We ordered a replacement and got it back online on the 21st.
- We shipped the ducking skimmer trough actuator for Clarifier #2 off to be evaluated back in December of 2024 to the factory rep, Dresser Utility Solutions. They just sent us a quote for the repair which is $6,186.00 with a 6-month warranty vs a new one for $14,345.00 with a 1-year warranty.

SAFETY

- We have started a new monthly Safety Meeting process to where the employee is assigned a safety meeting topic through our AWR UKG Learning site which is due by the 15th of each month. This month's topics were Bloodborne Pathogens, CPR Review and Driver Safety: Hazardous Conditions.

REGULATORY AGENCY, INSPECTION AND REPORT

- We filled out the new EDMR on the EPA MoGEM website on the 6th of March.
- We received our 1st quarter 503 sludge sample lab results on the 24th of February, and everything was well below the low-level limits.

MISCELLANEOUS AND RECOMMENDATIONS

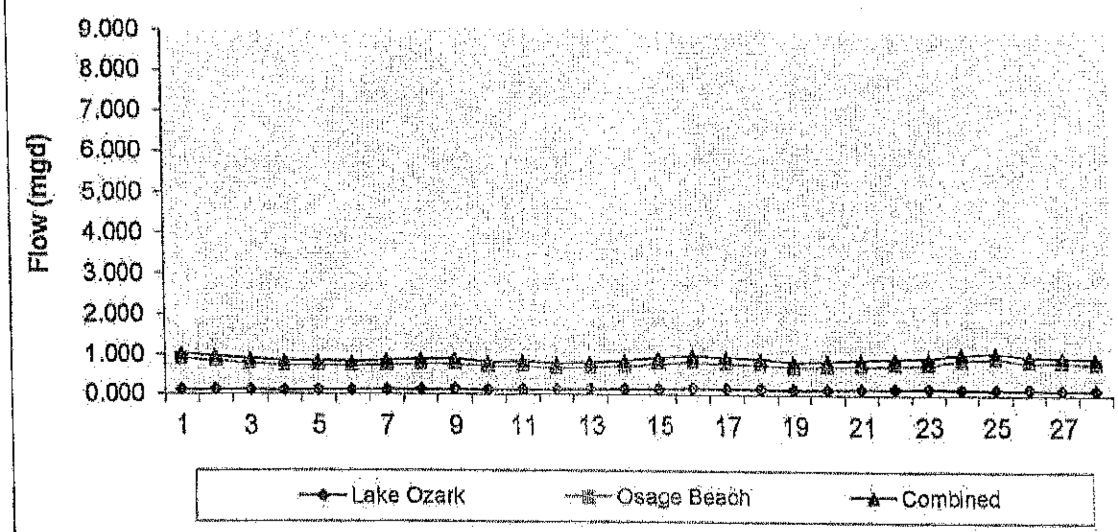
- We contacted multiple Cities to see if they allow septic haulers to dump and their wastewater facilities. Out of the forty-five Cities that I contacted thirty-one do not allow any dumping and fourteen that do. Their cost ranges from .10 cents to as low as .01 cents per gallon, with the average coming in at .045 cents per gallon. (See attachment)

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF February 2025

DATE		FLOW					BOD 5 MG/L			TSS MG/L		
	RAIN FALL IN.	LO mgd	OB mgd	COMB mgd	% LO	% OB	LO mg/l	OB mg/l	COMB mg/l	LO mg/l	OB mg/l	COMB mg/l
1-Feb	**0**	**0.124**	**0.897**	**1.021**	**12.1**	**87.9**						
2-Feb	**0**	**0.123**	**0.832**	**0.955**	**12.9**	**87.1**						
3-Feb	0	0.117	0.776	0.893	13.1	86.9						
4-Feb	0	0.104	0.734	0.838	12.4	87.6						
5-Feb	0.0	0.110	0.722	0.832	13.2	86.8						
6-Feb	0.1	0.110	0.711	0.821	13.4	86.6						
7-Feb	0	0.116	0.736	0.852	13.6	86.4	327	225	238	208	142	264
8-Feb	**0**	**0.121**	**0.763**	**0.884**	**13.7**	**86.3**						
9-Feb	**0**	**0.132**	**0.764**	**0.896**	**14.7**	**85.3**						
10-Feb	0	0.121	0.693	0.814	14.9	85.1						
11-Feb	0	0.125	0.712	0.837	14.9	85.1						
12-Feb	0	0.120	0.664	0.784	15.3	84.7						
13-Feb	0	0.138	0.673	0.811	17.0	83.0						
14-Feb	0	0.142	0.702	0.844	16.8	83.2	288	218	215	212	156	198
15-Feb	**0**	**0.143**	**0.780**	**0.923**	**15.5**	**84.5**						
16-Feb	**0**	**0.163**	**0.819**	**0.982**	**16.6**	**83.4**						
17-Feb	0	0.160	0.780	0.940	17.0	83.0						
18-Feb	0.25	0.148	0.754	0.902	16.4	83.6						
19-Feb	2.25	0.133	0.691	0.824	16.1	83.9						
20-Feb	0	0.140	0.712	0.852	16.4	83.6						
21-Feb	0	0.156	0.733	0.889	17.5	82.5	208	240	195	140	166	182
22-Feb	**0**	**0.166**	**0.750**	**0.916**	**18.1**	**81.9**						
23-Feb	**0**	**0.174**	**0.761**	**0.935**	**18.6**	**81.4**						
24-Feb	0	0.154	0.887	1.041	14.8	85.2						
25-Feb	0	0.148	0.935	1.083	13.7	86.3						
26-Feb	0	0.148	0.826	0.974	15.2	84.8						
27-Feb	0	0.133	0.819	0.952	14.0	86.0						
28-Feb	0	0.132	0.798	0.930	14.2	85.8	235	233	233	178	230	334
SUM	3.0	3.801	21.424	25.225								
AVG		0.136	0.765	0.901	15	85	265	229	220	185	174	245
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

Daily Flow
Figure 1



Effect of Rainfall on Flow
Figure 2

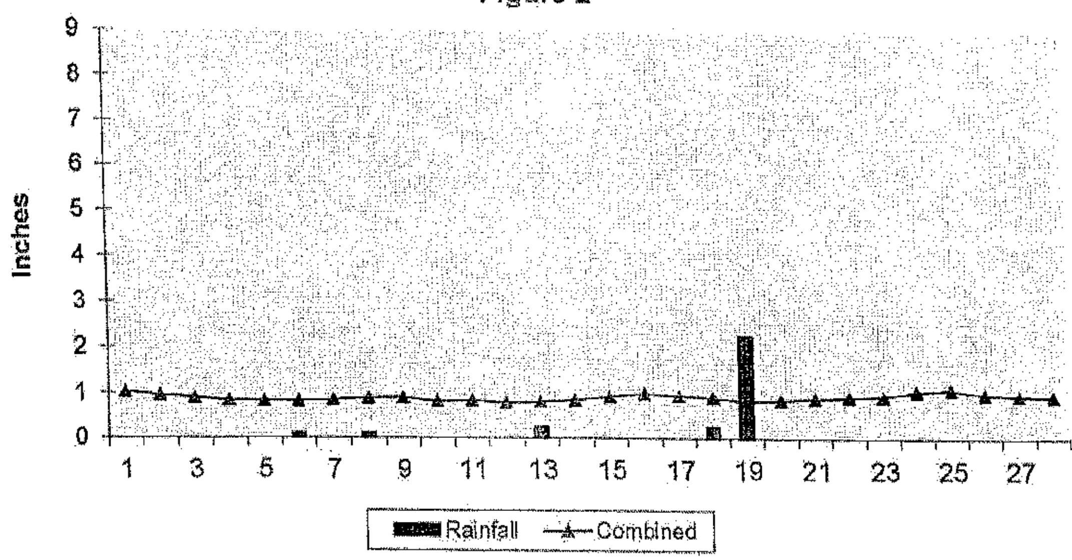
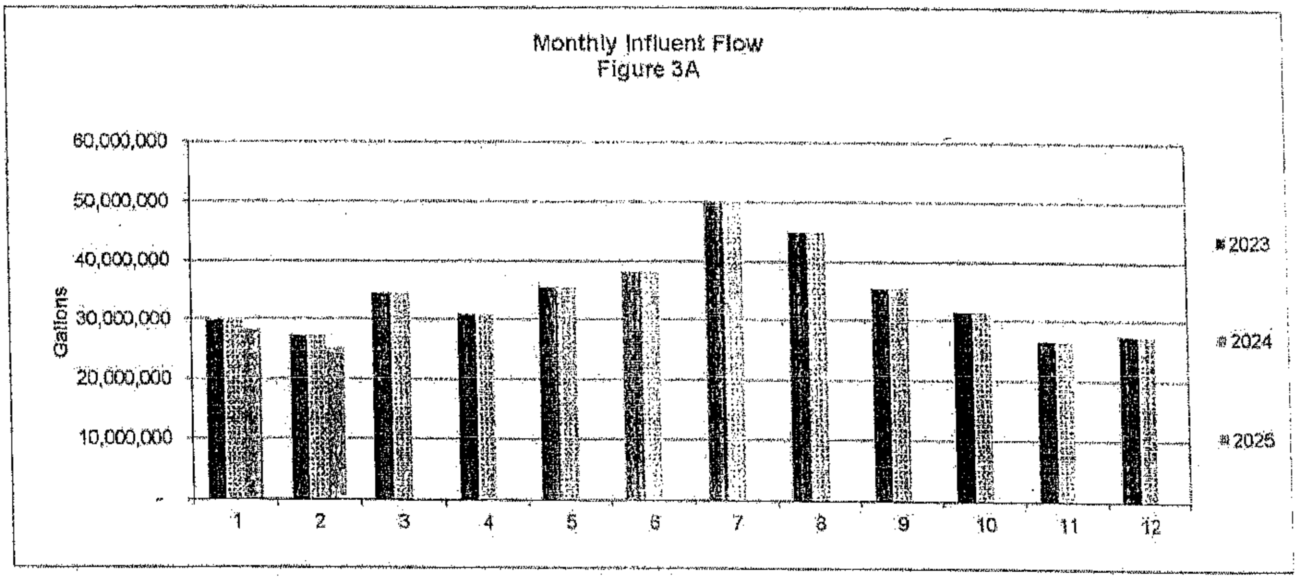


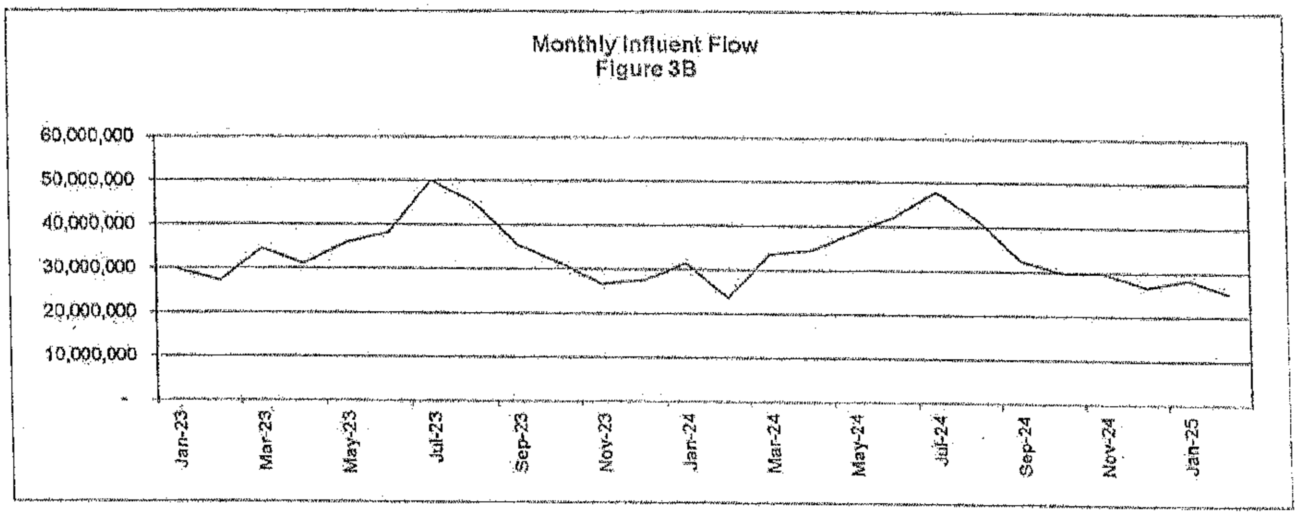
TABLE B
JOINT SEWER BOARD
Monthly Flows

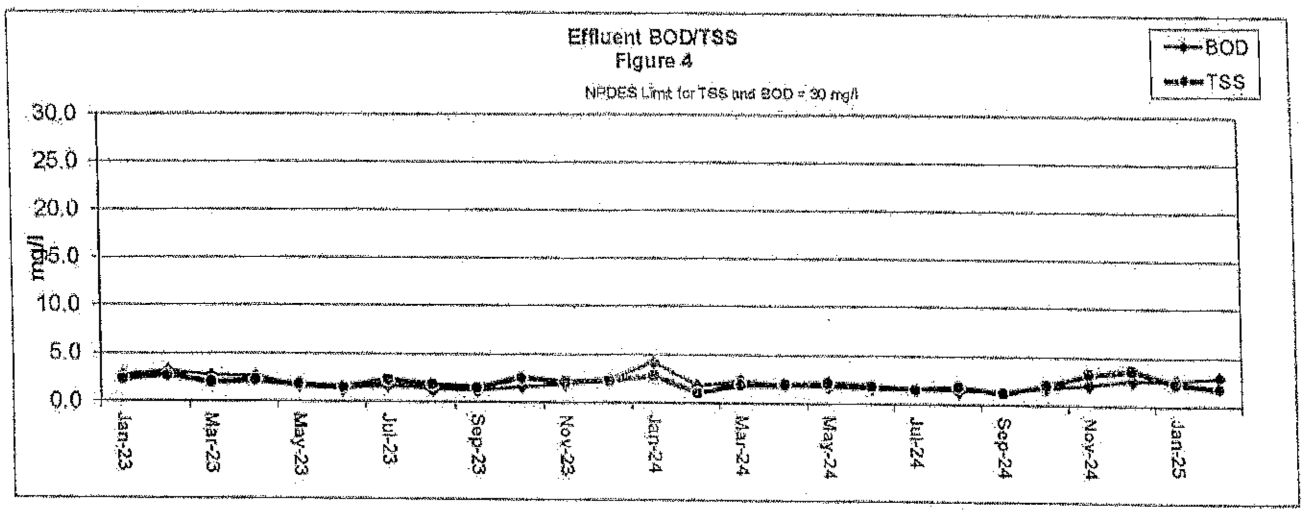
2023	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
January	2.8	25,972,000	87%	3,812,000	13%	29,784,000	100%
February	3.9	23,448,000	86%	3,820,000	14%	27,268,000	100%
March	6.2	29,920,000	87%	4,559,000	13%	34,479,000	100%
April	1.3	26,903,000	87%	4,085,000	13%	30,988,000	100%
May	2.1	29,783,000	83%	5,950,000	17%	35,733,000	100%
June	0.9	32,155,000	84%	6,040,000	16%	38,195,000	100%
July	7.1	42,263,000	85%	7,678,000	15%	49,941,000	100%
August	8.3	37,375,000	83%	7,664,000	17%	45,039,000	100%
September	2.5	29,574,000	83%	5,917,000	17%	35,491,000	100%
October	3.2	26,468,000	84%	5,067,000	16%	31,535,000	100%
November	1.0	22,375,000	84%	4,282,000	16%	26,657,000	100%
December	3.4	23,026,000	84%	4,445,000	16%	27,471,000	100%
	42.7	349,262,000	85%	63,319,000	15%	412,581,000	100%

2024	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
January	4.8	26,487,000	85%	4,806,000	15%	31,293,000	100%
February	1.1	20,148,000	85%	3,491,000	15%	23,639,000	100%
March	5.1	27,206,000	81%	6,214,000	19%	33,420,000	100%
April	7.3	28,925,000	84%	5,502,000	16%	34,427,000	100%
May	7.4	31,860,000	83%	6,377,000	17%	38,237,000	100%
June	4.8	36,193,000	86%	6,117,000	14%	42,310,000	100%
July	4.5	40,465,000	84%	7,467,000	16%	47,932,000	100%
August	6.4	34,988,000	85%	6,415,000	15%	41,403,000	100%
September	1.1	27,348,000	84%	5,112,000	16%	32,460,000	100%
October	1.5	25,231,000	85%	4,473,000	15%	29,704,000	100%
November	5.6	25,536,000	86%	4,208,000	14%	29,744,000	100%
December	1.9	22,909,000	86%	3,820,000	14%	26,729,000	100%
	51.5	347,296,000	84%	64,002,000	16%	411,298,000	100%

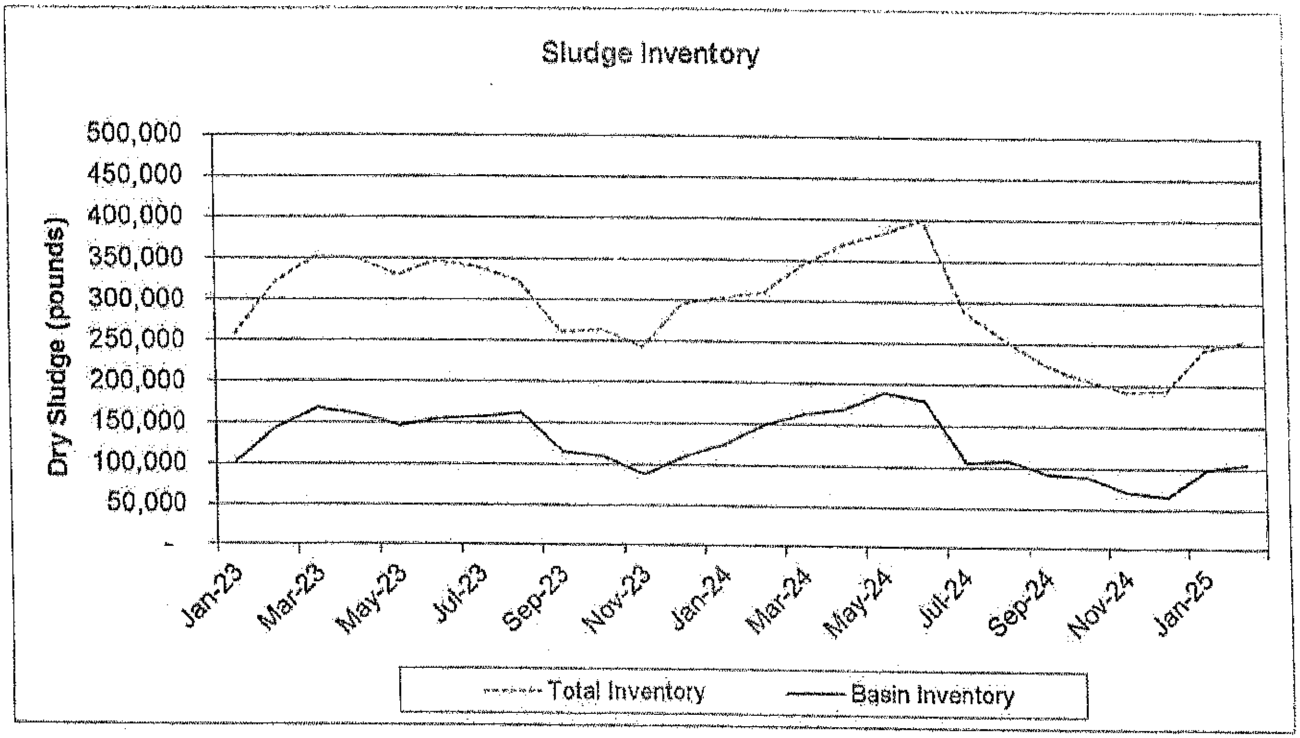
2025	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
January	2.1	24,413,000	86%	3,878,000	14%	28,291,000	100%
February	3.0	21,424,000	85%	3,801,000	15%	25,225,000	100%
March							0%
April							0%
May							0%
June							0%
July							0%
August							0%
September							0%
October							0%
November							0%
December							0%
	5.1	45,837,000	86%	7,679,000	14%	53,516,000	100%


Monthly Influent Flow
Figure 3A
Gallons
2023
2024
2025

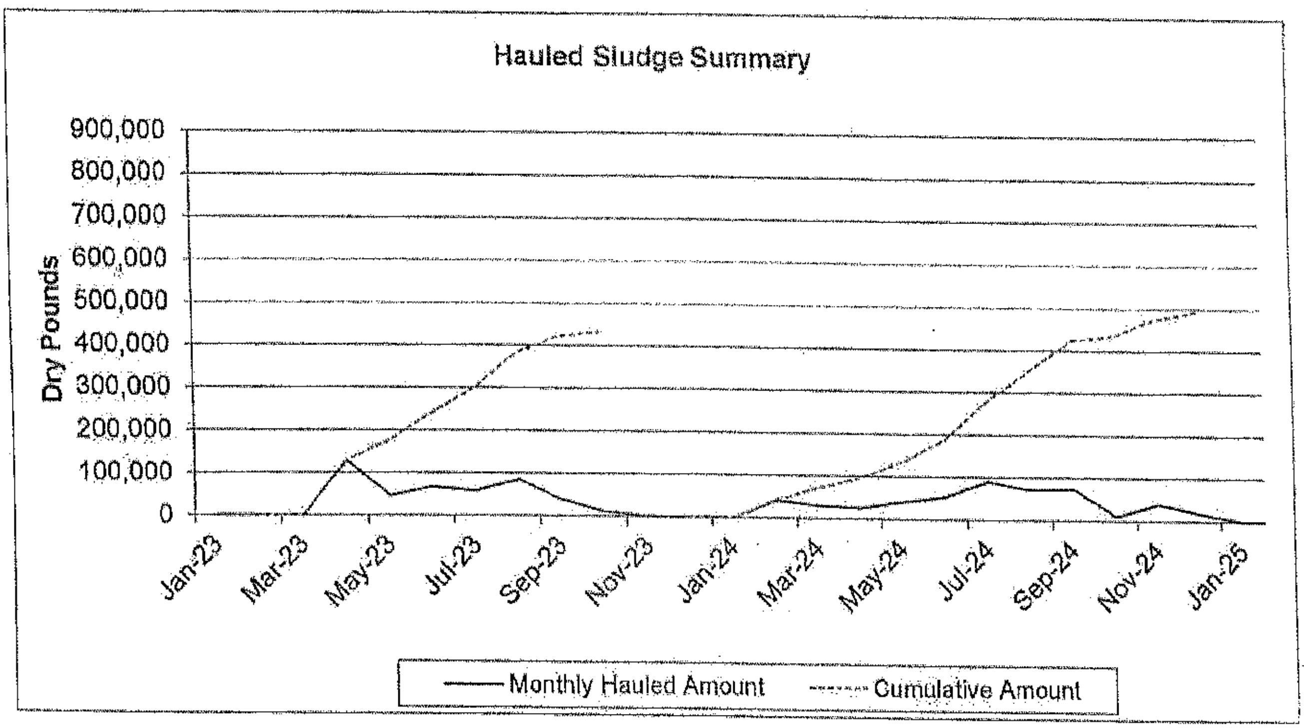

Monthly Influent Flow
Figure 3B


Effluent BOD/TSS
Figure 4
NPDES Limit for TSS and BOD = 30 mg/l
BOD
TSS
mg/l

	Hauled Sludge					Basin Depths					Blanket Depths			MLSS Inventory		Blanket and MLSS Inventory		MLSS	Total Dry	Accepted Septage	
	Loads	Gallons	# Dry	% Solids	Annual Cumulative # Dry	Tank #1	Tank #2	AB #1	Basin Gallons	# Dry	Clarf #1	Clarf #2	Clarf #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	Sludge Inventory	Loads	Gallons
Jan-23	0	-	0	3.2%		5.0	3.5	0.0	382 500	102,082	1.0	1.0	0.0	4,880	5,360	3,635,524	155,543	0.0051	257,625	35	74,500
Feb-23	0	-	0	3.2%	-	6.5	5.5	0.0	540 000	144,115	2.0	2.0	0.0	6,060	5,570	3,671,048	177,882	0.0058	321,997	38	87,500
Mar-23	0	-	0	3.2%	-	7.0	7.0	0.0	630 000	168,134	1.0	2.0	1.0	5,310	6,640	3,698,714	184 213	0.0060	352,347	50	115,500
Apr-23	116	417,000	129,223	3.7%	129,223	7.5	4.0	0.0	517,500	160,357	1.0	1.0	1.0	6,200	6,170	3,678,952	189,771	0.0062	350,138	82	171,500
May-23	48	172,800	46,747	3.2%	175,970	6.0	6.0	0.0	540 000	146,084	0.5	9.0	0.5	5,120	6,530	3,790,453	184 142	0.0058	330,226	49	102,500
Jun-23	58	208,800	65,362	3.8%	241,332	6.0	5.0	0.0	495 000	154,953	1.5	4.0	0.5	6,020	6,440	3,719,405	193 254	0.0062	348,207	59	131,500
Jul-23	51	183,600	58,307	3.8%	299,639	6.0	5.0	0.0	495 000	157,200	2.0	3.5	3.5	6,030	5,710	3,719,405	182 066	0.0059	339,267	61	120,500
Aug-23	74	266,400	83,587	3.8%	383,226	7.0	4.5	0.0	517 500	162,373	1.0	1.0	0.5	5,600	4,910	3,657,238	160 285	0.0053	322,658	27	68,500
Sep-23	34	122,400	39,271	3.8%	422,497	7.5	0.5	0.0	360 000	115,503	1.0	1.0	0.5	4,780	4,750	3,657,238	145 339	0.0046	260,842	84	164,000
Oct-23	9.5	34,200	11,124	3.9%	433,621	7.5	0.0	0.0	337 500	109,776	0.5	0.5	0.5	4,530	5,680	3,639,476	154 650	0.0051	264,426	40	85,500
Nov-23	0	-	0	3.9%		3.0	3.0	0.0	270 000	87,620	2.0	2.0	0.5	4,550	5,540	3,692,762	155 374	0.0050	243,194	30	59,000
Dec-23	0	-	0	3.9%	-	4.5	3.0	0.0	337 500	109,775	1.0	3.0	0.0	5,730	6,450	3,671,048	186 455	0.0061	296,230	29	77,000
Jan-24	0	-	0	3.9%	-	5.5	3.0	0.0	382 500	124,412	1.0	5.0	0.0	5,470	6,100	3,706,572	178 831	0.0058	303,243	23	43,000
Feb-24	36	129,600	40,863	3.8%	40,863	7.0	3.5	0.0	472,500	148,980	0.5	1.0	0.0	5,120	5,590	3,626,843	161 061	0.0053	310,041	21	40,000
Mar-24	25	90,000	29,724	4.0%	70,587	7.0	4.0	0.0	495,000	163,482	4.0	5.0	0.0	5,960	5,540	3,759,858	180 304	0.0056	343,786	21	51,500
Apr-24	23	82,800	24,950	3.6%	95,537	5.5	7.0	0.0	562 500	169,497	1.5	0.5	0.5	5,770	7,270	3,667,238	198 869	0.0065	368,366	56	122,000
May-24	36	129,600	40,472	3.7%	136,009	7.0	6.5	0.0	607,500	189,713	6.0	2.5	0.5	6,800	5,623	3,772,691	192 561	0.0061	382,274	48	119,000
Jun-24	50	180,000	53,413	3.6%	189,422	7.0	6.5	0.0	607,500	180,269	3.0	6.0	1.5	6,690	7,100	3,825,000	219,954	0.0069	400,223	78	175,000
Jul-24	81	291,600	90,582	3.7%	280,004	3.0	4.5	0.0	337,500	104,840	1.0	1.0	0.5	5,880	8,260	3,657,238	184,838	0.0061	289,679	46	93,500
Aug-24	70	252,000	71,427	3.4%	351,431	4.0	4.5	0.0	382,500	108,416	1.0	5.0	0.5	4,610	4,760	3,728,266	145 675	0.0047	254,091	81	168,500
Sep-24	69	248,400	72,838	3.5%	424,269	4.0	3.0	0.0	315 000	92,367	1.0	0.0	0.5	4,410	4,280	3,639,476	131 885	0.0043	224,252	83	181,000
Oct-24	11	39,600	11,109	3.4%	435,378	3.5	3.5	0.0	315,000	88,367	0.5	0.5	0.5	3,610	4,150	3,639,476	117,771	0.0039	206,138	72	146,500
Nov-24	36	129,600	40,233	3.7%	475,611	2.0	3.0	0.0	225 000	69,849	0.5	0.5	0.0	3,840	4,340	3,617,762	123,404	0.0041	193,253	29	65,000
Dec-24	17	61,200	17,624	3.5%	493,235	2.0	3.0	0.0	225 000	64,754	0.5	0.5	0.0	4,150	4,450	3,617,762	129 740	0.0043	194,534	50	112,000
Jan-25	0	-	0	3.5%		5.0	2.5	0.0	337 500	98,516	0.5	0.5	0.0	4,490	4,480	3,617,762	146 335	0.0049	244,851	32	76,500
Feb-25	0	-	0	3.5%	-	6.0	2.0	0.0	360 000	105,084	0.5	1.0	0.0	4,980	4,680	3,626,843	149 114	0.0049	254,193	31	69,000



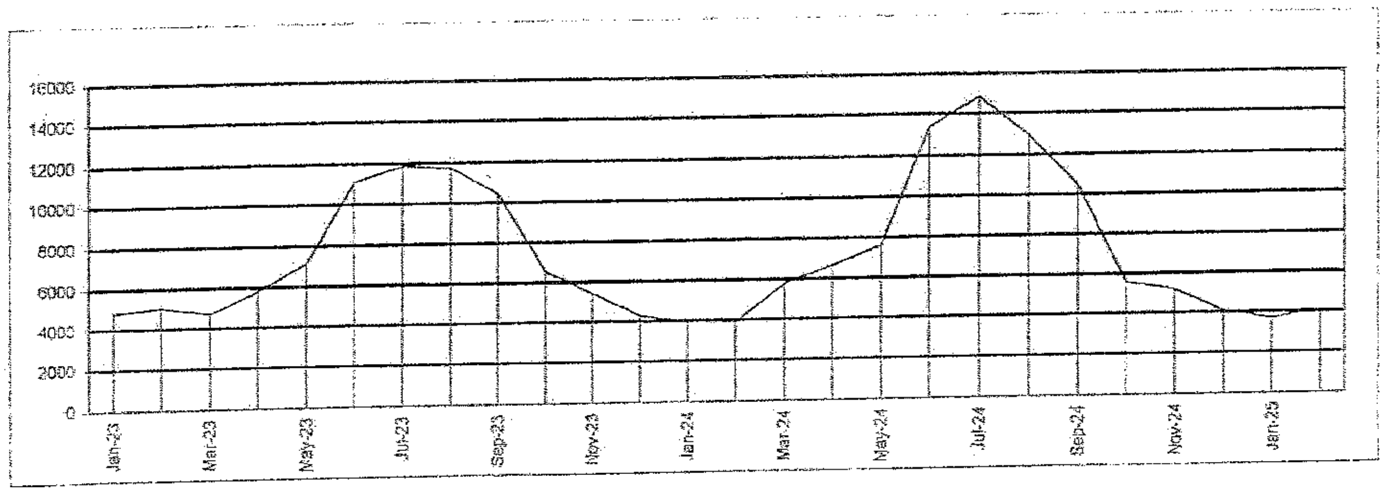
Sludge Inventory
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
-
Dry Sludge (pounds)
Jan-23
Mar-23
May-23
Jul-23
Sep-23
Nov-23
Jan-24
Mar-24
May-24
Jul-24
Sep-24
Nov-24
Jan-25
Total Inventory
Basin Inventory



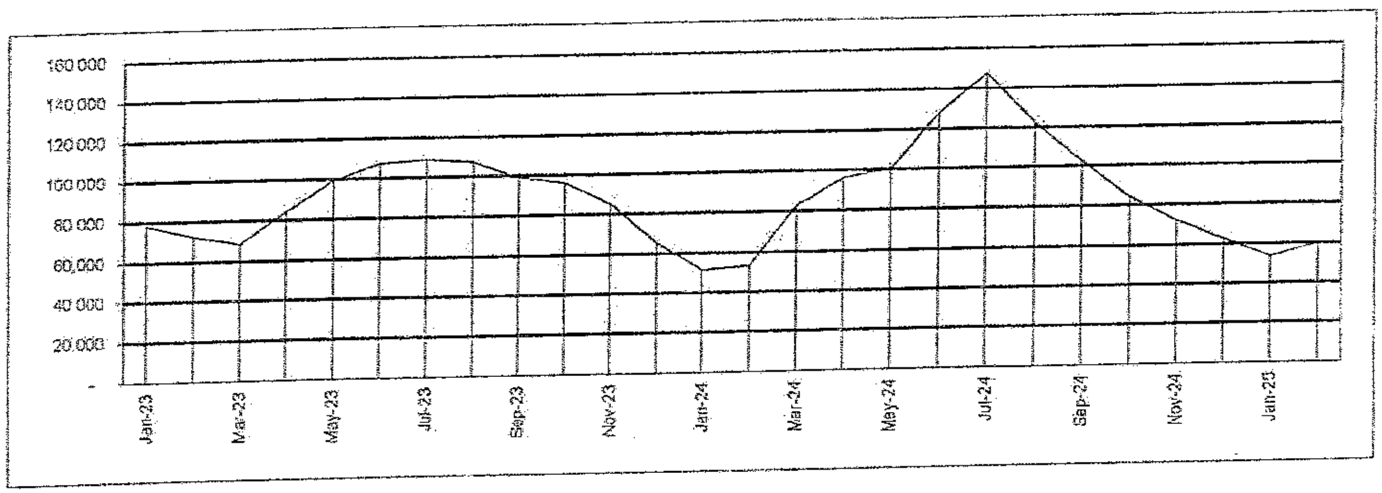
Hauled Sludge Summary
900,000
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
Dry Pounds
Jan-23
Mar-23
May-23
Jul-23
Sep-23
Nov-23
Jan-24
Mar-24
May-24
Jul-24
Sep-24
Nov-24
Jan-25
Monthly Hauled Amount
Cumulative Amount

	Electric Cost	Kilowatts Used
Jan-23	4809	77,980
Feb-23	5074	72,420
Mar-23	4730	68,320
Apr-23	5801	84,440
May-23	7128	99,300
Jun-23	11076	107,520
Jul-23	11845	109,070
Aug-23	11697	107,330
Sep-23	10438	99,140
Oct-23	6553	96,000
Nov-23	5474	85,570
Dec-23	4293	65,618
Jan-24	3972	51,236
Feb-24	3925	53,460
Mar-24	5786	82,859
Apr-24	6619	96,496
May-24	7563	100,390
Jun-24	13362	127,782
Jul-24	14832	147,621
Aug-24	12915	122,157
Sep-24	10456	102,916
Oct-24	5594	84,223
Nov-24	5209	72,179
Dec-24	4135	62,553
Jan-25	3699	53,272
Feb-25	4084	60,029

Electric Cost



Kilowatts Used



Lake Ozark/Osage Beach WWTP
Phosphorus Removal

	Inf. mg/L	Eff. mg/L		Inf. mg/L	Eff. mg/L		Inf. mg/L	Eff. mg/L
Jan-23	4.9	2.7	Jan-24	5.3	3.3	Jan-25	4.4	2.6
Feb-23	5.9	3.0	Feb-24	5.3	2.8	Feb-25	2.9	4.1
Mar-23	5.1	2.9	Mar-24	4.5	3.5	Mar-25		
Apr-23	6.0	3.2	Apr-24	5.5	2.1	Apr-25		
May-23	5.6	1.9	May-24	5.2	3.6	May-25		
Jun-23	6.2	2.8	Jun-24	4.5	1.4	Jun-25		
Jul-23	7.2	0.6	Jul-24	4.0	0.8	Jul-25		
Aug-23	4.7	0.6	Aug-24	4.5	5.0	Aug-25		
Sep-23	5.0	4.6	Sep-24	5.1	5.7	Sep-25		
Oct-23	7.0	6.6	Oct-24	5.9	4.7	Oct-25		
Nov-23	7.6	5.4	Nov-24	3.3	3.4	Nov-25		
Dec-23	5.9	3.6	Dec-24	5.1	3.9	Dec-25		
Avg.	5.9	3.2	Avg.	4.8	3.3	Avg.	3.6	3.3

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
Discharge Monitoring Report For Municipal Wastewater Treatment Plants

NAME OF FACILITY		LOCATION ADDRESS & CITY	COUNTY/REGION
Lake of the Ozarks Regional WWTP #1		#3 Anderson Road	Miller/SWRO
MONTH/YEAR	PERMIT NUMBER	OUTFALL NUMBER	TYPE TREATMENT FACILITY
Feb-25	MO-0103241	#001	Oxidation Ditch/UV/Sludge Holding-sludge is land applied

	INFLUENT					EFFLUENT								% Removal	
DATE	pH UNITS	BOD mg/L	TSS mg/L	Ammonia as N mg/l	TEMP °C	FLOW MGD	pH UNITS	BOD mg/L	TSS mg/L	Ammonia as N mg/l	DO mg/L	E. coli COLFRM #/100 ML	TEMP °C	BOD mg/L	TSS mg/L
1	7.0				9.7	1.325	7.7				11.3		8.3		
2	7.0				10.4	1.196	8.0				11.4		9.3		
3	6.9				11.1	1.118	8.0				11.0		10.6		
4	6.9			21.0	10.7	1.139	7.9			0.17	11.2		10.7		
5	7.0				10.4	1.068	7.8				11.3		9.7		
6	6.9				10.2	1.077	7.6				11.4		9.5		
7	6.9	238	264		10.0	1.030	7.6	2.8	1.4		11.6		8.9	98.8	99.5
8	6.8				11.1	1.142	7.6				11.4		9.0		
9	7.4				10.2	1.155	7.8				11.6		8.6		
10	6.9				9.6	1.062	7.6				12.3		8.3		
11	6.9			23.6	10.3	1.101	7.7			0.08	12.2		8.3		
12	7.0				10.3	1.064	7.7				11.7		7.1		
13	6.9				7.7	1.029	7.6				12.8		6.1		
14	7.0	215	198		9.2	1.082	7.6	2.3	1.4		12.6		6.3	98.9	99.3
15	6.8				10.3	1.086	8.0				11.8		7.6		
16	6.9				8.7	1.192	7.8				12.5		6.2		
17	7.0			17.2	9.2	1.138	7.9			0.09	12.5		6.4		
18	6.9				6.3	1.148	7.5				13.1		2.6		
19	6.9				5.3	1.066	7.5				14.1		2.8		
20	7.0				6.8	1.038	7.4				13.9		2.3		
21	7.0	195	182		6.8	1.113	7.3	3.2	2.0		13.6		3.3	98.4	98.9
22	6.9				8.1	1.147	7.4				13.2		5.7		
23	7.0				8.5	1.159	7.4				12.5		5.5		
24	6.9				10.3	1.281	7.4				11.4		8.1		
25	6.9				9.7	1.358	7.5				11.7		8.7		
26	6.8			22.3	10.2	1.218	7.7			0.15	11.4		9.5		
27	7.0				10.8	1.224	7.7				11.8		10.1		
28	7.0	233	334		11.5	1.199	7.6	3.3	2.5		11.2		10.9	98.6	99.3
Total						31.955									
Avg		220	245	21.0	9.4	1.141		2.9	1.8	0.12	12.1	0.0	7.5	98.7	99.2
Min	6.8	195	182	17.2	5.3	1.029	7.3	2.3	1.4	0.08	11.0	0.0	2.3	98.4	98.9
Max	7.4	238	334	23.6	11.5	1.358	8.0	3.3	2.5	0.17	14.1	0.0	10.9	98.9	99.5

	MONTHLY EFF MONITORING			QUARTERLY EFF MONITORING				MONTHLY INF MONITORING		
DATE	Phosphorus mg/L	TKN mg/L	Nitrite+Nitrate mg/L	Oil & Grease mg/L	TR. Cadmium mg/L	Selenium mg/L	Hardness mg/L	Phosphorus mg/L	TKN mg/L	Nitrite+Nitrate mg/L
1										
2										
3										
4	4.06	1.36	0.059					2.87	22.3	< 0.030
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
Total	4.06	1.36	0.059					2.87	22.3	< 0.030
Avg	4.06	1.36	0.059					2.87	22.3	< 0.030
Min	4.06	1.36	0.059					2.87	22.3	< 0.030
Max	4.06	1.36	0.059					2.87	22.3	< 0.030

OPERATIONAL CONTROLS/LABORATORY TEST REQUIRED FOR "ACTIVATED SLUDGE" PROCESSES

DATE Feb-25	SLUDGE DISP. LBS. DRY WEIGHT	#1 Aeration Basin, O-Ditch, Etc. MIXED LIQUOR				#2 Aeration Basin, O-Ditch, Etc. MIXED LIQUOR				*Weather Conditions		
		* DO mg/l	** MLSS mg/l	*Settleability *30 min ml	*Settleability Temp °C	* DO mg/l	** MLSS mg/l	*Settleability *30 min ml	*Settleability Temp °C	Outside * Ambient Temp °F	*RAIN Inches	Time
1		1.3	3,760	420	9.4	2.2	4,370	400	9.3	35	0	7:30
2		1.7	4,260	520	10.1	1.8	4,420	400	10.0	40	0	7:30
3		1.2	4,960	490	11.0	1.4	4,330	400	10.8	41	0	7:30
4		1.3	4,750	500	10.9	1.5	4,570	420	11.1	43	0	7:30
5		1.6	4,880	460	9.9	1.7	4,660	450	10.1	42	0	7:30
6		1.3	4,820	490	10.0	1.5	4,660	450	10.2	42	0.1	7:30
7		1.4	4,550	410	9.0	1.6	4,430	440	9.2	34	0	7:30
8		1.4	4,320	420	9.4	1.5	4,570	460	9.6	42	0.1	7:30
9		2.3	4,580	460	7.5	2.6	4,550	510	8.4	34	0	7:30
10		2.4	4,700	500	8.5	2.5	4,400	510	8.5	28	0	7:30
11		2.2	4,730	510	7.9	2.7	4,390	430	8.3	37	0	7:30
12		2.8	4,780	490	8.2	3.1	4,550	450	8.2	36	0	7:30
13		3.4	4,860	570	6.2	3.6	4,440	500	6.7	13	0.25	7:30
14		4.0	4,710	490	6.6	4.2	4,450	470	6.9	18	0	7:30
15		3.8	4,400	440	8.3	3.2	4,710	490	8.2	40	0	7:30
16		2.8	4,560	430	6.7	2.6	4,750	500	6.7	25	0	7:30
17		2.7	4,630	430	5.9	2.5	4,490	450	6.3	13	0	7:30
18		4.8	4,610	540	4.4	3.9	4,650	580	4.9	8	0.25	7:30
19		5.2	4,630	600	5.2	4.7	4,680	510	3.7	-1	2.8	7:30
20		5.5	4,660	550	5.5	5.5	4,750	530	4.1	-3	0	7:30
21		5.5	4,780	510	4.0	5.7	4,700	680	3.8	9	0	7:30
22		5.0	4,800	620	5.3	4.1	4,710	510	5.5	23	0	7:30
23		3.6	4,850	490	3.6	3.7	4,780	560	6.3	27	0	7:30
24		1.7	4,900	490	9.2	1.7	4,830	550	8.9	41	0	7:30
25		1.4	5,040	510	9.7	1.5	4,940	520	9.7	38	0	7:30
26		1.4	4,980	560	10.0	1.5	4,900	510	9.9	44	0	7:30
27		1.5	5,000	550	10.9	1.4	4,990	500	10.9	36	0	7:30
28		1.4	4,980	490	11.7	1.4	4,880	530	11.1	40	0	7:30

COMMENTS:

TESTS PERFORMED BY (PRINT)	SIGNATURE	PHONE #	DATE
John Hornback	John Hornback	(573)365-0455	3/6/2025
REPORT APPROVED BY (PRINT)	SIGNATURE	PHONE #	DATE
Gary Hutchcraft	Gary Hutchcraft	(573)365-0455	3/6/2025

*Required Daily (Monday - Friday)   **Required 1/week

Lake of the Ozarks Regional
WWTP 1
#3 Anderson Road
LAKE OZARK, MO, Miller

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Central Field Operations
P O Box 176
Jefferson City, MO, 65102

Permit Number	Outfall Number
MO0103241	001M
Monitoring Period	
2/1/25	2/28/25
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	1.358	1.141	Mgal/d
Mon. Location : End of Pipe Sample Type: Total Measured Frequency: Daily	*****;*****	*****;*****	*****;*****		Daily Max.:Monitoring Required	Monthly Avg.:Monitoring Required	
BOD, 5-day, 20 deg. C	*****	3.3	2.9	mg/L	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Weekly	*****;*****	Weekly Avg.:45	Monthly Avg.:30		*****;*****	*****;*****	
Total Suspended Solids (TSS)	*****	2.5	1.8	mg/L	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Weekly	*****;*****	Weekly Avg.:45	Monthly Avg.:30		*****;*****	*****;*****	
Phosphorus, total (as P)	4.06	*****	4.06	mg/L	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Monthly	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Nitrogen, Kjeldahl, total (as N)	1.36	*****	1.36	mg/L	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Monthly	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Nitrite plus nitrate total (as N)	0.059	*****	0.059	mg/L	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Monthly	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Nitrogen, ammonia total (as N)	0.17	*****	0.12	mg/L	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Weekly	Daily Max.:10.1	*****;*****	Monthly Avg.:2.7		*****;*****	*****;*****	

Lake of the Ozarks Regional
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pH	7.3	*****	8.0	SU	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Grab Frequency: Weekly	Minimum:6.0	*****;*****	Maximum:9.0		*****;*****	*****;*****	
BOD, 5-day, percent removal	*****	*****	98.4	%	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Calculated Frequency: Monthly	*****;*****	*****;*****	Monthly Avg. Min.:85		*****;*****	*****;*****	
Suspended Solids, percent removal	*****	*****	98.9	%	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Calculated Frequency: Monthly	*****;*****	*****;*****	Monthly Avg. Min.:85		*****;*****	*****;*****	

Comments:

Lake of the Ozarks Regional
WWTP 1
#3 Anderson Road
LAKE OZARK, MO, Miller

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Central Field Operations
P O Box 176
Jefferson City, MO, 65102

Permit Number	Outfall Number
MO0103241	INF1M
Monitoring Period	
2/1/25	2/28/25
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
BOD, 5-day, 20 deg. C	*****	*****	220	mg/L	*****	*****	*****
Mon. Location.: Influent	*****;*****	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Total Suspended Solids (TSS)	*****	*****	245	mg/L	*****	*****	*****
Mon. Location.: Influent	*****;*****	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Nitrogen, ammonia total (as N)	23.6	*****	21.0	mg/L	*****	*****	*****
Mon. Location.: Influent	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Phosphorus, total (as P)	2.87	*****	2.87	mg/L	*****	*****	*****
Mon. Location.: Influent	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Nitrogen, Kjeldahl, total (as N)	22.3	*****	22.3	mg/L	*****	*****	*****
Mon. Location.: Influent	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Nitrite plus nitrate total (as N)	<0.030	*****	<0.030	mg/L	*****	*****	*****
Mon. Location.: Influent	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							

Comments:

Lake of the Ozarks Regional
WWTP 1
#3 Anderson Road
LAKE OZARK, MO, Miller

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

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Jefferson City, MO, 65102

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

eSignature	Submission Date	User Phone Number
Gary Hutchcraft	March 6, 2025	(573)365-0455

LAKE OZARK/OSAGE BEACH WWTP
Operation Report

FOR FEBRUARY 2025

DATE	INITIAL	PLANT INFLUENT													pH	TEMP
1	JFH	0.124	0.597	1.021											6.09	9.7
2	JFH	0.123	0.832	0.955											7.00	10.4
3	JFH	0.117	0.776	0.893											6.93	11.1
4	JFH	0.104	0.734	0.838							21.0	2.87	22.3	<0.03	6.87	10.7
5	RL	0.110	0.722	0.832											6.97	10.1
6	RL	0.110	0.711	0.821											6.93	10.2
7	RL	0.116	0.776	0.892	237	235	234	208	143	255					6.90	10.0
8	RL	0.121	0.763	0.884											6.84	11.1
9	RL	0.122	0.765	0.896											7.41	10.2
10	RL	0.121	0.693	0.814											6.87	9.6
11	RL	0.125	0.712	0.837							23.6				6.90	10.3
12	RL	0.120	0.661	0.784											6.96	10.3
13	RL	0.138	0.672	0.811											6.93	7.7
14	RL	0.142	0.702	0.844	238	218	211	212	156	196					6.95	9.2
15	JFH	0.143	0.780	0.923											6.86	10.3
16	JFH	0.167	0.819	0.987											6.87	8.7
17	JFH	0.160	0.750	0.910							17.2				7.01	9.2
18	RL	0.148	0.754	0.902											6.87	6.3
19	RL	0.127	0.694	0.824											6.93	3.3
20	RL	0.140	0.712	0.852											6.96	6.0
21	RL	0.156	0.733	0.889	208	243	194	140	165	182					6.97	6.5
22	RL	0.166	0.750	0.916											6.93	8.1
23	RL	0.174	0.761	0.935											6.98	8.4
24	RL	0.154	0.887	1.041											6.95	10.3
25	RL	0.148	0.935	1.083											6.95	9.9
26	RL	0.145	0.826	0.974							23.5				6.82	10.2
27	RL	0.133	0.819	0.952											6.97	10.8
28	RL	0.132	0.798	0.930	231	233	233	228	230	334					6.99	11.5
TOTAL		3.861	21.423	25.225	1038	916	892	728	694	978	84.1	2.87	22.3	<0.03	194	263.4
MAX		0.174	0.935	1.107	237	240	238	412	230	334	23.6	2.87	22.3	<0.03	7.41	11.5
MIN		0.104	0.664	0.768	208	218	194	140	143	182	17.2	2.87	22.3	<0.03	6.80	3.3
AVG		0.136	0.765	0.901	265	229	220	185	174	245	21.0	2.87	22.3	<0.03	6.94	9.4

DATE	ENVIRONMENTAL CONDITIONS			AERATION BASIN 1 MIXED LIQUOR					AERATION BASIN 2 MIXED LIQUOR					CLARIFIER NO. 1	CLARIFIER NO. 2	CLARIFIER NO. 3
1	PC	0	35	3,760	420	112	7.26	2.2	4,370	400	92	7.22	2.2	0.5	0.5	0.0
2	PC	0	40	4,260	420	122	7.32	2.7	4,420	400	90	7.24	3.8	0.5	0.5	0.0
3	PC	0	41	4,960	490	99	7.31	2.2	4,290	400	92	7.30	1.4	0.5	0.5	0.0
4	O	6	43	4,750	500	164	7.31	1.3	3,570	420	91	7.20	3.5	0.5	0.5	0.0
5	R	0	42	4,780	440	98	7.21	3.6	4,800	490	97	7.24	1.7	0.5	0.5	0.0
6	O	0.1	45	4,820	490	102	7.15	1.3	4,560	450	97	7.17	1.5	1.0	1.0	0.0
7	O	0	34	5,150	410	90	7.16	1.4	5,400	440	89	7.14	1.6	0.5	0.5	0.0
8	R	0.1	42	4,330	420	97	7.18	5.4	4,470	460	101	7.13	1.5	0.5	0.5	0.0
9	O	0	24	4,490	450	100	7.48	3.5	1,550	510	112	7.44	2.6	0.5	0.5	0.0
10	O	0	28	4,700	500	106	7.18	2.4	4,400	510	116	7.15	2.5	0.5	0.5	0.0
11	O	0	37	4,790	510	109	7.24	3.3	4,300	500	98	7.22	2.7	0.5	0.5	0.0
12	S	0	35	4,780	490	103	7.25	2.8	4,550	450	99	7.28	3.3	0.5	0.5	0.0
13	C	0.35	17	4,960	550	117	7.15	3.4	4,410	500	113	7.19	3.6	1.0	1.0	0.0
14	S	0	18	4,710	490	104	7.29	4.0	4,450	470	106	7.16	4.2	1.0	0.5	0.0
15	O	0	50	1,600	460	100	7.18	3.8	4,710	490	105	7.14	3.3	0.5	0.5	0.0
16	S	0	25	4,560	430	94	7.26	2.9	4,750	500	105	7.24	2.5	0.5	0.5	0.0
17	O	0	13	4,630	430	93	7.18	2.7	4,490	450	150	7.16	2.5	0.5	0.5	0.0
18	S	0.75	3	4,010	340	117	7.14	4.8	4,650	550	125	7.03	3.9	1.0	1.0	0.0
19	C	2.25	-4	4,630	600	110	6.99	5.0	4,680	510	109	7.02	4.2	0.5	0.5	0.0
20	C	0	9	4,600	550	118	7.15	5.5	4,790	530	116	7.05	5.5	0.5	0.5	0.0
21	C	0	9	4,780	510	107	6.97	5.5	4,590	680	143	6.97	5.2	1.0	0.5	0.0
22	O	0	29	4,100	620	129	7.07	3.6	4,230	510	108	7.00	4.3	0.5	0.5	0.0
23	C	0	27	4,550	490	101	7.04	2.7	4,780	520	117	7.03	3.7	0.5	0.5	0.0
24	C	0	41	4,900	490	103	7.03	1.7	4,930	550	114	7.00	1.7	1.0	1.0	0.0
25	C	0	39	5,040	510	101	7.02	3.4	4,640	520	104	7.04	4.3	0.5	0.5	0.0
26	PC	0	44	4,980	560	112	7.11	1.4	4,900	510	104	7.17	1.5	1.0	0.5	0.0
27	C	0	38	3,600	350	110	7.17	1.3	4,590	500	100	7.31	1.4	0.5	0.5	0.0
28	C	0	40	4,580	490	98	7.21	1.4	4,380	530	109	7.13	1.4	0.5	1.0	0.0
TOTAL		2.93	825	131,480	13,940	2,969	201	75	129,450	13,710	2,964	200	75	17.5	16.5	0
MAX		2.25	44	5,040	620	130	7.48	5.5	4,900	680	143	7.44	5.7	1.0	1.0	0
MIN		0	-3	3,760	340	90	6.99	1.2	4,230	400	90	6.97	1.4	0.5	0.5	0
AVG		0.11	29	4,696	498	106	7.18	2.7	4,627	490	106	7.15	2.7	0.6	0.6	0.0

DATE	PLANT EFFLUENT	pH																	
1	1,325	7.67			11.3		8.7									0.753	7,060		
2	1,196	8.01			11.4		9.3									0.807	6,990		
3	1,118	7.99			11.0		10.4									0.804	8,590		
4	1,139	7.93			11.2	0.17	10.7		4.06	1.36	0.06					0.805	9,325		
5	1,058	7.76			11.3		9.7									0.847	7,385		
6	1,077	7.62			11.6		9.5									0.859	9,515	45,000	3,571
7	1,010	7.61	2.8	1.4	11.6		8.9									0.577	8,050		
8	1,142	7.64			11.4		9.0									0.569	7,825		
9	1,155	7.57			11.6		8.5									0.566	7,070		
10	1,052	7.57			12.3		8.3									0.554	9,705		
11	1,101	7.69			12.2	0.09	9.3									0.640	9,070		
12	1,064	7.71			11.7		7.1									0.574	5,935		
13	1,039	7.61			12.6		6.3									0.909	5,950		
14	1,082	7.63	2.3	1.4	12.6		6.3									0.874	8,435	45,000	3,169
15	1,086	7.90			11.9		7.5									0.789	5,790		
16	1,192	7.62			12.5		6.2									0.877	6,995		
17	1,128	7.69			12.5	0.09	6.5									0.856	7,675		
18	1,149	7.49			13.1		2.6									0.881	5,095		
19	1,064	7.51			14.1		2.9									0.691	6,990		
20	1,038	7.80			13.9		2.3									0.897	7,263		
21	1,117	7.25	3.3	2.0	12.6		3.3									0.890	7,790		
22	1,157	7.38			12.2		5.7									0.834	7,255		
23	1,159	7.45			12.3		5.5									0.828	7,000		
24	1,291	7.44			11.4		8.1									0.816	9,820		
25	1,358	7.52			11.7		8.7									0.802	8,455	45,000	3,547
26	1,218	7.65			11.4	0.15	9.5									0.707	8,178		
27	1,224	7.66			11.8		10.1									0.892	7,095		
28	1,190	7.61	3.3	2.5	11.2		10.9									0.971	9,280	45,000	3,450
TOTAL	31,955	214	11.6	7.9	308	0.39	219	0	4.06	1.36	0.06	0	0	0	0	22.266	219,513	180,000	13,767
MAX	1,359	8.01	3.3	2.5	14.1	0.17	10.7	0	4.06	1.36	0.06	0	0	0	0	0.909	9,303	45,000	3,571
MIN	1,029	7.25	2.3	1.4	11.0	0.09	2.3	0	4.06	1.36	0.06	0	0	0	0	0.552	5,075	45,000	3,166
AVG	1,141	7.65	2.9	1.8	12.1	0.13	7.8	0.0	4.06	1.4	0.049	0.0	0.0	0.0	0.0	0.795	7,840	45,000	3,442

Use following abbreviations R-rain, S-snow, O-overcast, C-clear, PC-partly cloudy

Prepared by RL, JFH

Approved by GH

Date 3/5/2025

WASTEHAULERS

The plant received 31 loads of septage during the month totaling 69,000 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Maxpanda Maintenance Data Management software schedule.
- We sprung a leak in the non-potable water line right at the floor level in the headworks building on the 10th of February. We called Central MO Plumbing, and they said they could fix it but wanted to wait until the weather/temperatures got better. They came back on the 25th and capped the leak at the floor and installed a hose spigot at another location by the garage door so we would have wash down water in the building.
- The pista grit system went down on the 19th of February. We found that the phase monitor base had shorted out. We ordered a replacement and got it back online on the 21st.
- We shipped the ducking skimmer trough actuator off to be evaluated back in December of 2024 to the factory rep, Dresser Utility Solutions. They just sent us a quote on the 27th of February for the repair which is $6,186.00 + freight. We have asked them what a new one would cost and haven't received any response yet but are guessing it to be at least double what the repair would be.

SAFETY

- We have started a new monthly Safety Meeting process to where the employee is assigned a safety meeting topic through our AWR UKG Learning site which is due by the 15th of each month. This month's topics were Bloodborne Pathogens, CPR Review and Driver Safety: Hazardous Conditions.

REGULATORY AGENCY, INSPECTION AND REPORT

- We filled out the new EDMR on the EPA MoGEM website on the 6th of March.
- We received our 1st quarter 503 sludge sample lab results on the 24th of February, and everything was well below the low-level limits.

MISCELLANEOUS AND RECOMMENDATIONS

- We contacted multiple Cities to see if they allow septic haulers to dump and their wastewater facilities. Out of the forty-five Cities that I contacted thirty-one do not allow any dumping and fourteen that do. Their cost ranges from .10 cents to as low as .01 cents per gallon, with the average coming in at .045 cents per gallon. (See attachment)

Hauled Waste/Septic Haulers Cost Comparison/Study 2025

City	Cost/Gallon	City	Cost/Gallon
LOOB	0.05	Neosho	0.02
Cameron	0.05	Valley Park	0.10
Gravois Mills	0.02	Aurora	0.025
Moberly	0.01	Kirkville	0.0105
Hannibal	0.035	St Joesph	0.086
Joplin	0.04	Odessa	0.04
Columbia	.049 A.S/S.H., .092 septic/grease	Springfield	.024 septic, .062 grease
Pacific	Does not accept	De Soto	Does not accept
Sullivan	Does not accept	Greenwood	Does not accept
Camdenton	Does not accept	Peculiar	Does not accept
Nevada	Does not accept	Little Blue (KC)	Does not accept
Buffalo	Does not accept	Richmond	Does not accept
Tipton	Does not accept	Pevely	Does not accept
Warsaw	Does not accept	Boonville	Does not accept
Clinton	Does not accept	Smithville	Does not accept
Lebanon	Does not accept	Macon	Does not accept
Sunrise Beach	Does not accept	Trenton	Does not accept
Laurie	Does not accept	Branson	Does not accept
St Roberts	Does not accept	Carthage	Does not accept
Branson	Does not accept	Warrensburg	Does not accept
Carthage	Does not accept	Belton	Does not accept
Marshfield	Does not accept	Nixa	Does not accept
Ozark	Does not accept		

WATER RESOURCES
Alliance
Professional Water and Wastewater Operations

Bids for Replacement UV Wiper Rings/Holders

Bidder	Budget	Price each	Purchase Amount & Total
Xylem Inc. (Wedeco)	$4,000.00	Wiper / $30.00 ea.	144 wipers - $4,320.00
Z & M Enterprize	"	Wiper / $22.00 ea.	144 wipers - $3,168.00
UV Sales	"	Wiper / $21.00 ea.	144 wipers - $3,024.00

Freight in not included in any of these bids

OUR MISSION

We partner with communities to deliver the finest water and wastewater services available at a competitive price. We are committed to keeping water safe and clean while serving people and taking care of communities with improved technical operations, careful management and financial oversight, and ensured regulatory compliance.

Alliance Water Resources, Inc.

206 S. Keene St.
Columbia, MO 65201

(573)874-8080

WATER RESOURCES®
Alliance
Professional Water and Wastewater Operations

REPORT OF OPERATIONS

LAKE OZARK/OSAGE BEACH
Joint Wastewater Treatment Plant No. 1

Month of January 2025

Submitted by Alliance Water Resources, Inc. for the

February 2025

Joint Sewer Board Meeting

SUMMARY OF FACILITY OPERATION

The Lake Ozark/Osage Beach Joint WWTP produced superior effluent quality throughout the month and was in full compliance with effluent limitations established in NPDES Permit No.MO-0103241. No leaks, no spills, and no unauthorized releases to waters of the state. No work-related lost time accidents have occurred during the month.

Detailed information relating to plant performance and operations is presented as follows.

PLANT EFFLUENT QUALITY

	BOD mg/l	TSS mg/l	pH	E.coli Coliform Colonies/100 ml	Ammonia as N mg/L	O&G mg/L
Monthly/Quarterly Avg	2.6	2.3	N/A	0.0	0.13	< 2.0
Peak Day	3.1	3.2	8.0	0.0	0.21	< 2.0
Percent Removal	99.1	99.3	N/A	N/A	N/A	N/A

NPDES EFFLUENT LIMITATIONS

	BOD mg/l	TSS mg/l	pH	E.coli Coliform Colonies/100 ml	Ammonia as N mg/L	O&G mg/L
Monthly/Quarterly Avg	30	30	6-9	126	3.1	10
Weekly Average	45	45		630		
Daily Max				N/A	12.1	15

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 0.913 MGD or 30% of Permitted flow with Lake Ozark contributing 14% of the total flow and Osage Beach contributing 86%. Daily influent flow BOD and TSS data is presented in Table A. Daily flow for the month and rainfall are shown in Figure 2. A three-year flow history for each of the two cities is presented in Table B.

Organic loading for the month was 68189 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 0 tanker loads of bio-solids during the month equivalent to a total of 0 gallons and 0 pounds dry weight solids.

0 pounds of dry weight solids have been land applied year to date.

Bio-solids inventory in the storage tanks at the end of the month was 337,500 gallons with a level of 5.0 feet in Tank 1 and 2.5 feet in Tank 2.

WASTEHAULERS

The plant received 32 loads of septage during the month totaling 76,500 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Maxpanda Maintenance Data Management software schedule.
- PMF was here on the 3rd of January and drained a little oil out of the gear box they rebuilt and installed on clarifier #1. It seems to have stopped that leak. While working on this we noticed a gasket/dust seal hanging from the lower drive gear turn table. We think this happened when the ducking skimmer arm bound up and caused the original damage to upper gear box drive. We are talking with the vendor/factory rep to see what to do about this.
- We came in on the 21st of January and noticed that the pista grit cyclone was leaking. Upon inspection, we found that the grit had worn a hole in the base of it, so we called G & L Welding to see about having it rebuilt. He came and got in on the 22nd and brought it back on the 24th and we got it back online that afternoon.

SAFETY

- We have started a new monthly Safety Meeting process to where the employee is assigned a safety meeting topic through our AWR UKG Learning site which is due by the 15th of each month. This month's topics were Bloodborne Pathogen's, CPR Refresher & Driver Safety – Hazardous Driving Conditions.

REGULATORY AGENCY, INSPECTION AND REPORT

- We filled out the new EDMR on the EPA MoGEM website on the 7th of February.

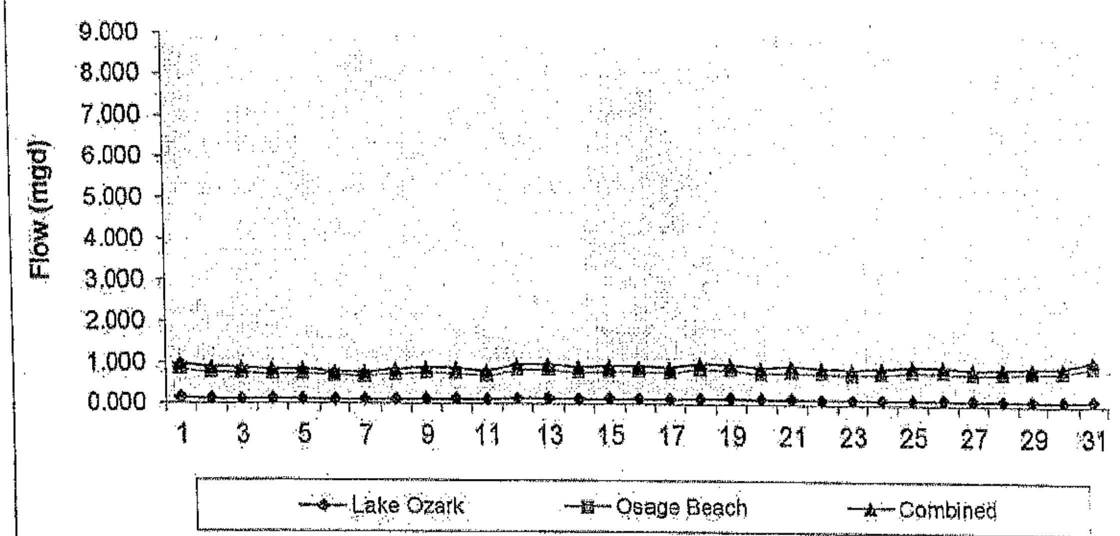
MISCELLANEOUS AND RECOMMENDATIONS

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF January 2025

DATE		FLOW					BOD 5 MG/L			TSS MG/L		
	RAIN FALL IN.	LO mgd	OB mgd	COMB mgd	% LO	% OB	LO mg/l	OB mg/l	COMB mg/l	LO mg/l	OB mg/l	COMB mg/l
1-Jan	0	0.141	0.837	0.978	14.4	85.6						
2-Jan	0	0.120	0.771	0.891	13.5	86.5						
3-Jan	0	0.113	0.759	0.872	13.0	87.0	378	203	220	238	116	138
4-Jan	**0**	**0.111**	**0.727**	**0.838**	**13.2**	**86.8**						
5-Jan	**0.2**	**0.115**	**0.741**	**0.856**	**13.4**	**86.6**						
6-Jan	0.8	0.091	0.701	0.792	11.5	88.5						
7-Jan	0	0.107	0.680	0.787	13.6	86.4						
8-Jan	0	0.117	0.729	0.846	13.8	86.2						
9-Jan	0	0.123	0.766	0.889	13.8	86.2						
10-Jan	0.3	0.118	0.755	0.873	13.5	86.5	333	258	255	320	166	172
11-Jan	**0**	**0.116**	**0.693**	**0.809**	**14.3**	**85.7**						
12-Jan	**0**	**0.141**	**0.838**	**0.979**	**14.4**	**85.6**						
13-Jan	0	0.132	0.841	0.973	13.6	86.4						
14-Jan	0	0.126	0.782	0.908	13.9	86.1						
15-Jan	0	0.119	0.812	0.931	12.8	87.2						
16-Jan	0	0.126	0.810	0.936	13.5	86.5						
17-Jan	0	0.124	0.782	0.906	13.7	86.3	288	205	180	206	134	180
18-Jan	**0**	**0.141**	**0.862**	**1.003**	**14.1**	**85.9**						
19-Jan	**0**	**0.147**	**0.844**	**0.991**	**14.8**	**85.2**						
20-Jan	0	0.137	0.764	0.901	15.2	84.8						
21-Jan	0	0.135	0.813	0.948	14.2	85.8						
22-Jan	0	0.129	0.780	0.909	14.2	85.8						
23-Jan	0	0.130	0.745	0.875	14.9	85.1						
24-Jan	0	0.125	0.779	0.904	13.8	86.2	255	205	420	230	142	524
25-Jan	**0**	**0.130**	**0.822**	**0.952**	**13.7**	**86.3**						
26-Jan	**0**	**0.138**	**0.813**	**0.951**	**14.5**	**85.5**						
27-Jan	0	0.121	0.758	0.879	13.8	86.2						
28-Jan	0	0.126	0.788	0.914	13.8	86.2						
29-Jan	0	0.118	0.815	0.933	12.6	87.4						
30-Jan	0.5	0.124	0.823	0.947	13.1	86.9	250	245	370	182	250	700
31-Jan	0.2	0.137	0.983	1.120	12.2	87.8						
SUM	2.1	3.878	24.413	28.291								
AVG		0.125	0.788	0.913	14	86	301	223	289	235	162	343
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

Daily Flow
Figure 1



Effect of Rainfall on Flow
Figure 2

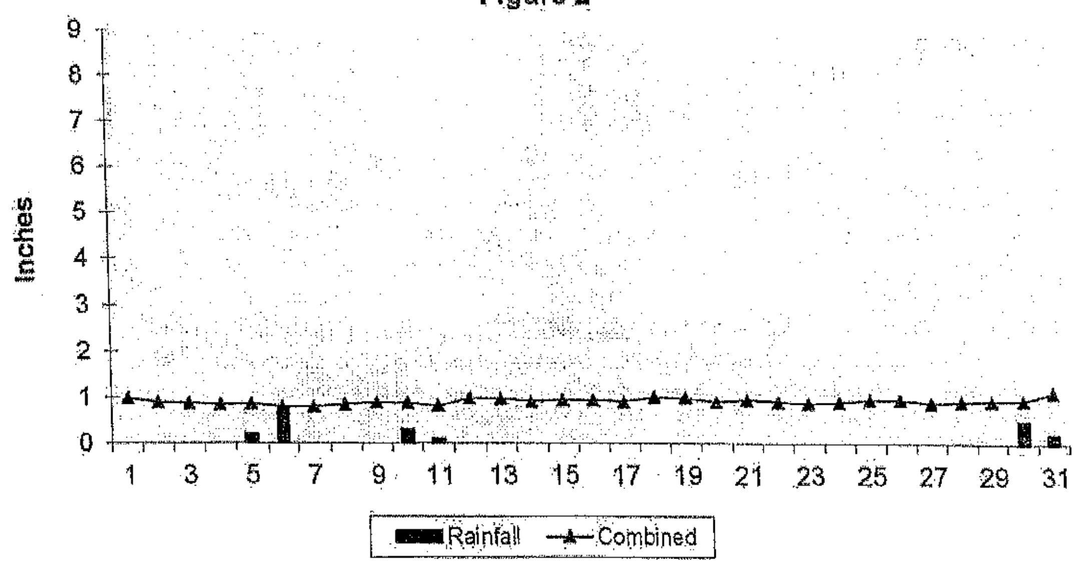
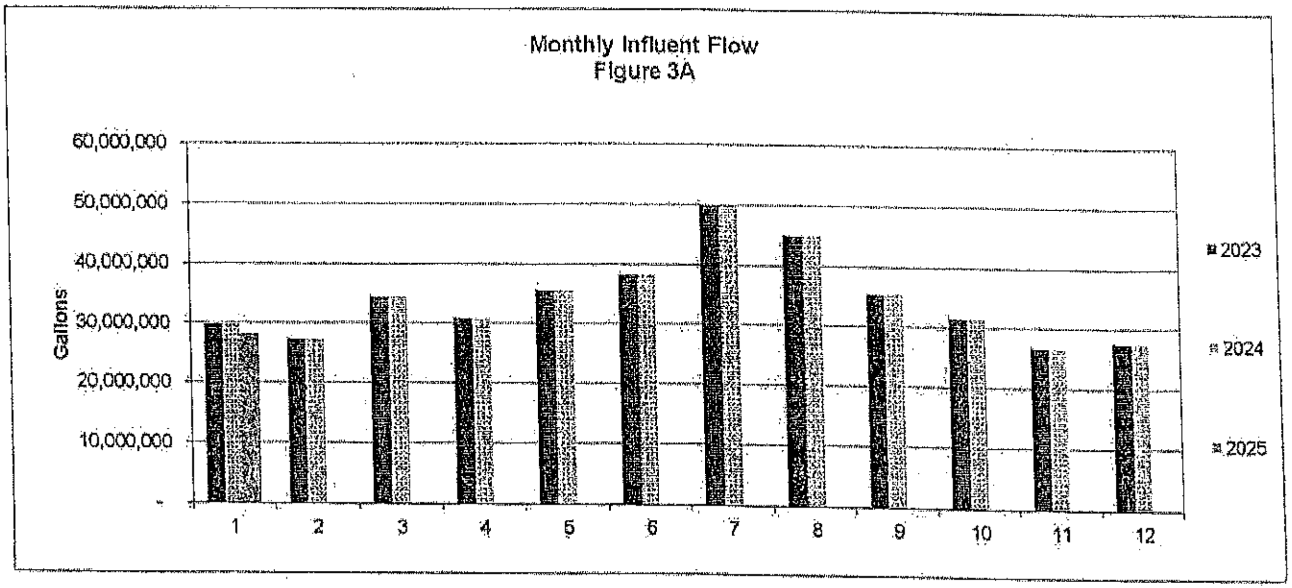


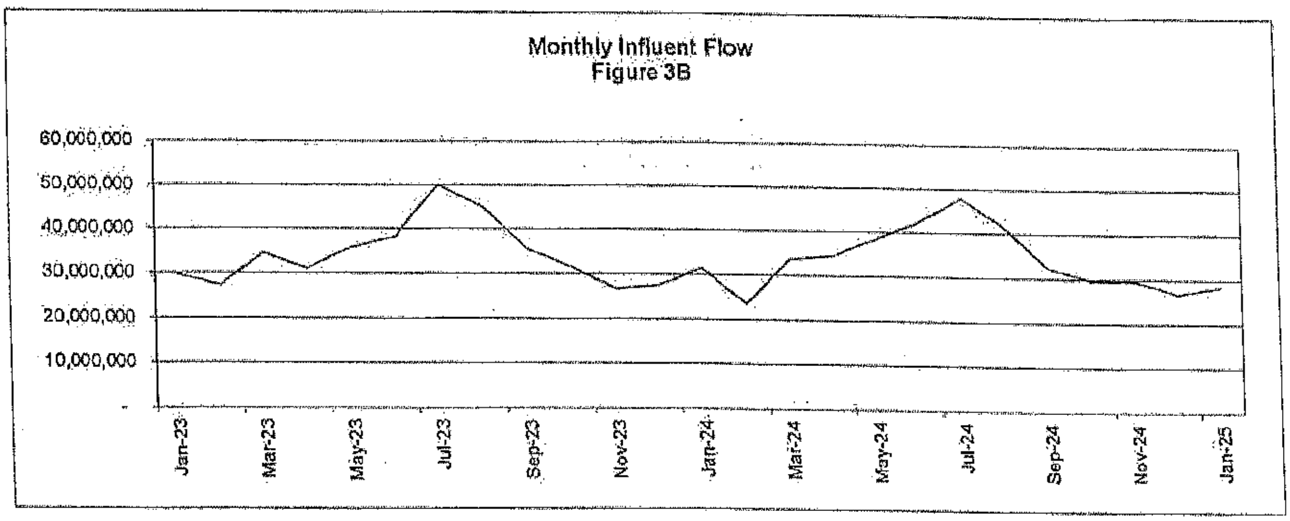
TABLE B
JOINT SEWER BOARD
Monthly Flows

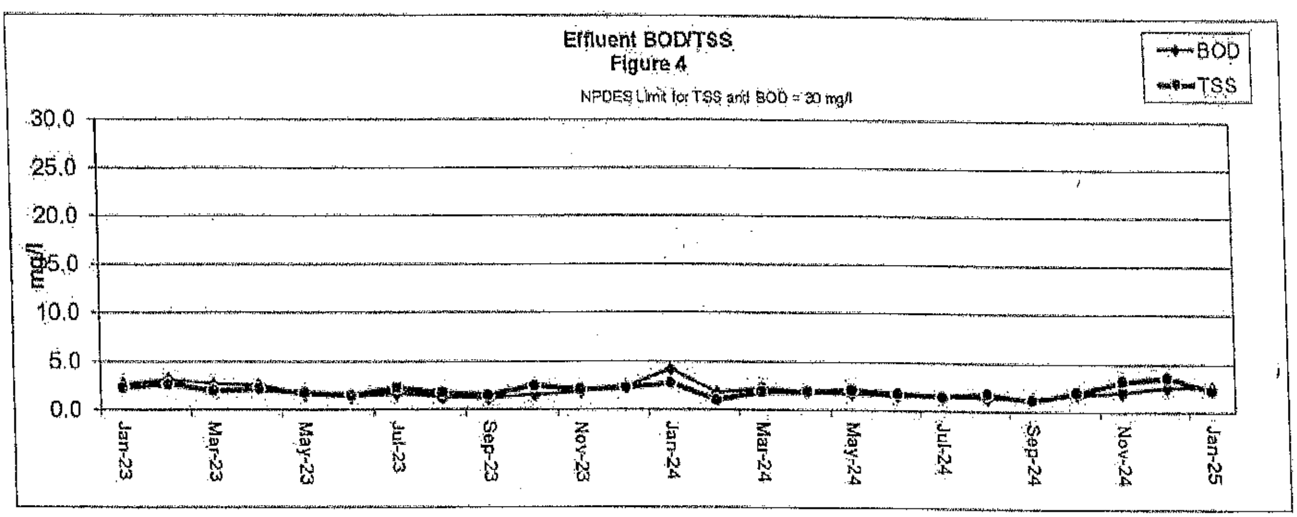
2023	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
January	2.8	25,972,000	87%	3,812,000	13%	29,784,000	100%
February	3.9	23,448,000	86%	3,820,000	14%	27,268,000	100%
March	6.2	29,920,000	87%	4,559,000	13%	34,479,000	100%
April	1.3	26,903,000	87%	4,085,000	13%	30,988,000	100%
May	2.1	29,783,000	83%	5,950,000	17%	35,733,000	100%
June	0.9	32,155,000	84%	6,040,000	16%	38,195,000	100%
July	7.1	42,263,000	85%	7,678,000	15%	49,941,000	100%
August	8.3	37,375,000	83%	7,664,000	17%	45,039,000	100%
September	2.5	29,574,000	83%	5,917,000	17%	35,491,000	100%
October	3.2	26,468,000	84%	5,067,000	16%	31,535,000	100%
November	1.0	22,375,000	84%	4,282,000	16%	26,657,000	100%
December	3.4	23,026,000	84%	4,445,000	16%	27,471,000	100%
	42.7	349,262,000	85%	63,319,000	15%	412,581,000	100%

2024	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
January	4.8	26,487,000	85%	4,806,000	15%	31,293,000	100%
February	1.1	20,148,000	85%	3,491,000	15%	23,639,000	100%
March	5.1	27,206,000	81%	6,214,000	19%	33,420,000	100%
April	7.3	28,925,000	84%	5,502,000	16%	34,427,000	100%
May	7.4	31,860,000	83%	6,377,000	17%	38,237,000	100%
June	4.8	36,193,000	86%	6,117,000	14%	42,310,000	100%
July	4.5	40,465,000	84%	7,467,000	16%	47,932,000	100%
August	6.4	34,988,000	85%	6,415,000	15%	41,403,000	100%
September	1.1	27,348,000	84%	5,112,000	16%	32,460,000	100%
October	1.5	25,231,000	85%	4,473,000	15%	29,704,000	100%
November	5.6	25,536,000	86%	4,208,000	14%	29,744,000	100%
December	1.9	22,909,000	86%	3,820,000	14%	26,729,000	100%
	51.5	347,296,000	84%	64,002,000	16%	411,298,000	100%

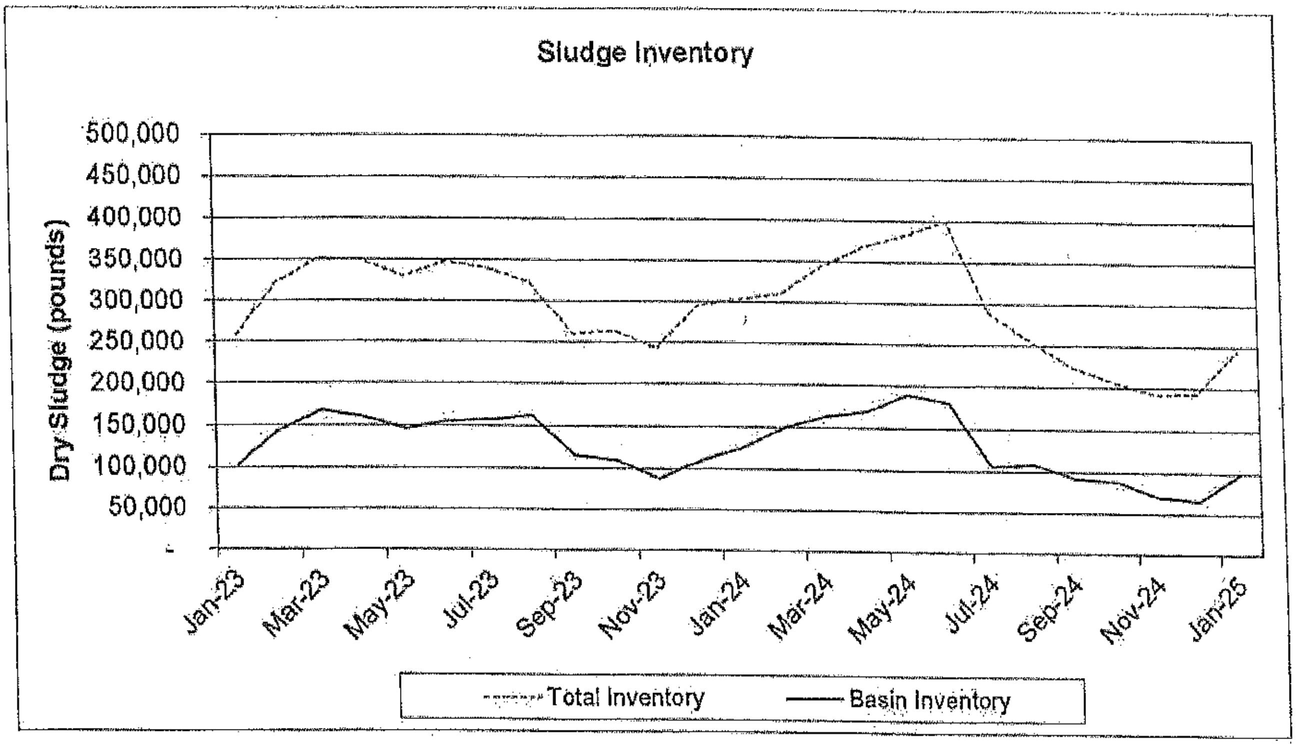
2025	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
January	2.1	24,413,000	86%	3,878,000	14%	28,291,000	100%
February							0%
March							0%
April							0%
May							0%
June							0%
July							0%
August							0%
September							0%
October							0%
November							0%
December							0%
	2.1	24,413,000	86%	3,878,000	14%	28,291,000	100%

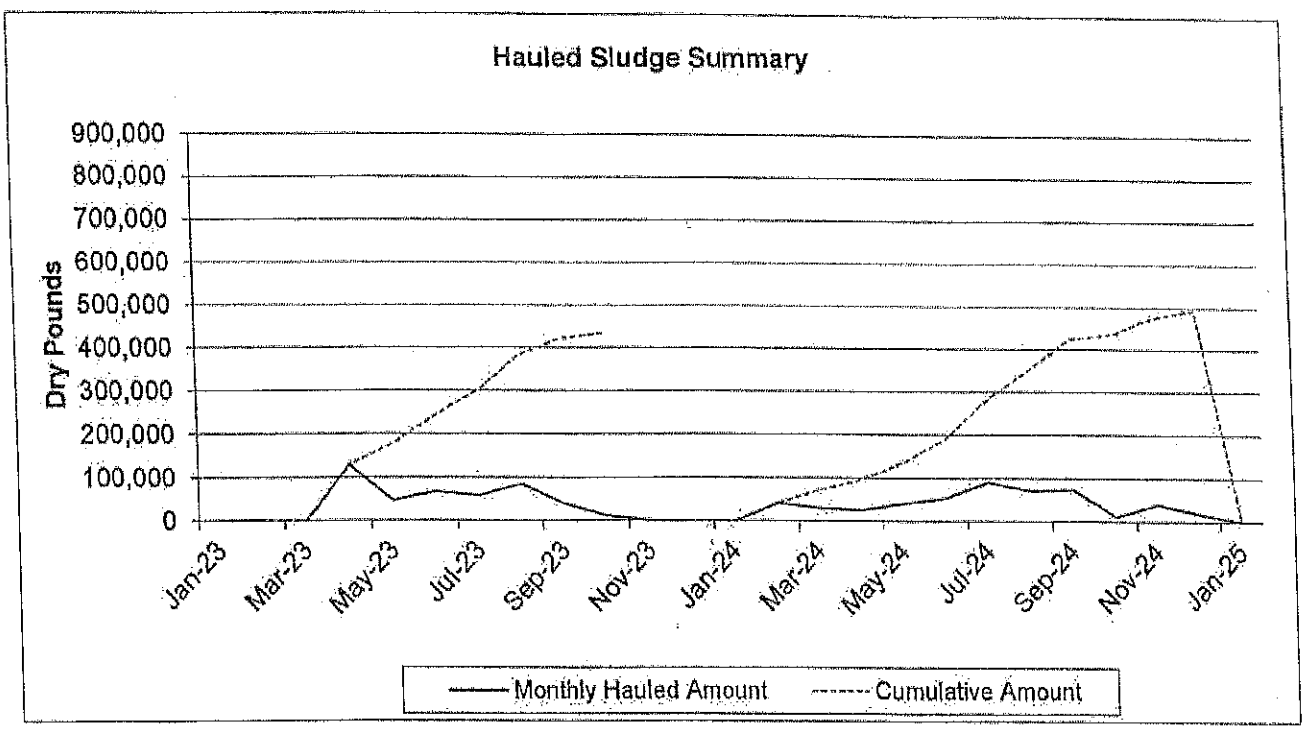

Monthly Influent Flow
Figure 3A
60,000,000
50,000,000
40,000,000
30,000,000
20,000,000
10,000,000
-
Gallons
1
2
3
4
5
6
7
8
9
10
11
12
2023
2024
2025


Monthly Influent Flow
Figure 3B
60,000,000
50,000,000
40,000,000
30,000,000
20,000,000
10,000,000
-
Jan-23
Mar-23
May-23
Jul-23
Sep-23
Nov-23
Jan-24
Mar-24
May-24
Jul-24
Sep-24
Nov-24
Jan-25


Effluent BOD/TSS
Figure 4
NPDES Limit for TSS and BOD = 30 mg/l
BOD
TSS
30.0
25.0
20.0
15.0
10.0
5.0
0.0
mg/l
Jan-23
Mar-23
May-23
Jul-23
Sep-23
Nov-23
Jan-24
Mar-24
May-24
Jul-24
Sep-24
Nov-24
Jan-25

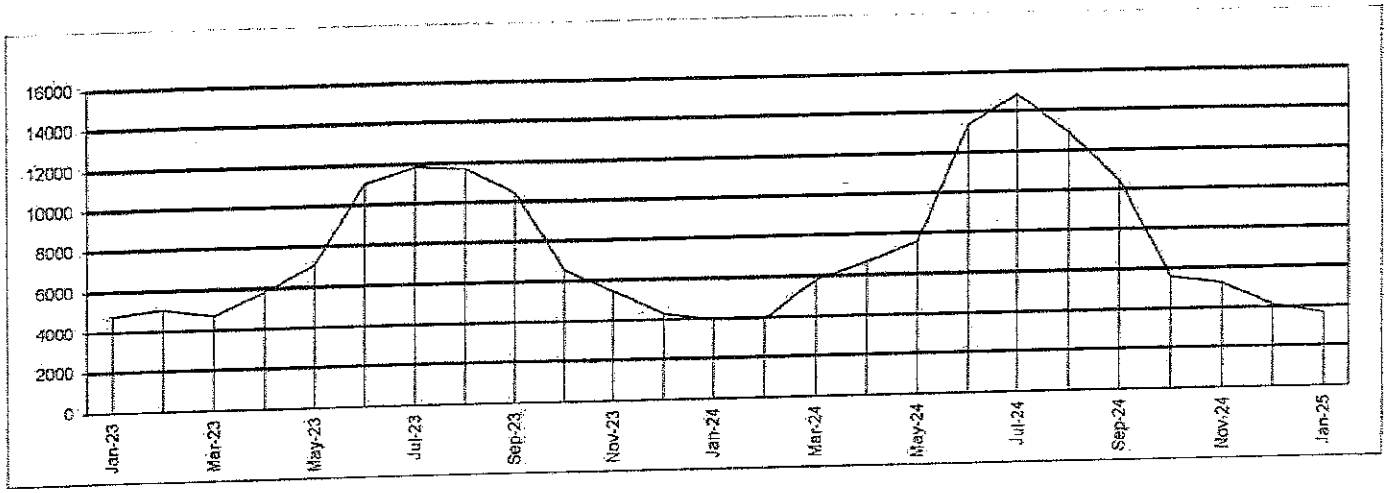
	Hauled Sludge					Basin Depths					Blanket Depths			MLSS Inventory		Blanket and MLSS Inventory		MLSS	Total Dry	Accepted Septage	
	Loads	Gallons	# Dry	% Solids	Annual Cumulative # Dry	Tank #1	Tank #2	AB #1	Basin Gallons	# Dry	Clarf #1	Clarf #2	Clarf #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	Sludge Inventory	Loads	Gallons
Jan-23	0	-	0	3.2%		5.0	3.5	0.0	382,500	102,082	1.0	1.0	0.0	4,880	5,280	3,635,524	155,543	0.0051	257,625	35	74,500
Feb-23	0	-	0	3.2%	-	8.5	5.5	0.0	540,000	144,115	2.0	2.0	0.0	6,060	5,570	3,671,048	177,882	0.0058	321,997	38	87,500
Mar-23	0	-	0	3.2%	-	7.0	7.0	0.0	630,000	168,134	1.0	2.0	1.0	5,310	6,640	3,696,714	184,213	0.0060	352,347	50	115,500
Apr-23	116	417,000	129,223	3.7%	129,223	7.5	4.0	0.0	517,500	160,367	1.0	1.0	1.0	6,200	6,170	3,678,952	189,771	0.0062	350,138	82	171,500
May-23	48	172,800	46,747	3.2%	175,970	6.0	6.0	0.0	540,000	145,084	0.5	9.0	0.5	5,120	6,530	3,790,453	184,142	0.0058	330,226	49	102,500
Jun-23	58	208,800	65,362	3.8%	241,332	6.0	5.0	0.0	495,000	154,953	1.5	4.0	0.5	6,020	6,440	3,719,405	193,254	0.0062	348,207	59	131,500
Jul-23	51	183,600	58,307	3.8%	299,639	6.0	5.0	0.0	495,000	157,200	2.0	3.5	0.5	6,030	5,710	3,719,405	182,086	0.0059	339,287	61	120,500
Aug-23	74	266,400	83,587	3.8%	383,226	7.0	4.5	0.0	517,500	162,373	1.0	1.0	0.5	5,600	4,910	3,657,238	160,285	0.0053	322,658	27	66,500
Sep-23	34	122,400	39,271	3.8%	422,497	7.5	0.5	0.0	360,000	115,503	1.0	1.0	0.5	4,780	4,750	3,657,238	145,339	0.0048	260,842	84	164,000
Oct-23	9.5	34,200	11,124	3.9%	433,621	7.5	0.0	0.0	337,500	109,776	0.5	0.5	0.5	4,530	5,080	3,639,476	154,650	0.0051	264,426	40	85,500
Nov-23	0	-	0	3.9%		3.0	3.0	0.0	270,000	87,620	2.0	2.0	0.5	4,550	5,540	3,692,762	155,374	0.0050	243,194	30	59,000
Dec-23	0	-	0	3.9%	-	4.5	3.0	0.0	337,500	109,775	1.0	3.0	0.0	5,730	6,450	3,671,048	186,455	0.0061	296,230	29	77,000
Jan-24	0	-	0	3.9%	-	5.5	3.0	0.0	382,500	124,412	1.0	5.0	0.0	5,470	6,100	3,706,572	178,831	0.0058	303,243	23	43,000
Feb-24	36	129,600	40,863	3.8%	40,863	7.0	3.5	0.0	472,500	148,960	0.5	1.0	0.0	5,120	5,530	3,826,843	161,081	0.0053	310,041	21	40,000
Mar-24	25	90,000	29,724	4.0%	70,587	7.0	4.0	0.0	495,000	163,482	4.0	5.0	0.0	5,960	5,540	3,759,858	180,304	0.0058	343,786	21	51,500
Apr-24	23	82,800	24,950	3.6%	95,537	5.5	7.0	0.0	562,500	169,497	1.5	0.5	0.5	5,770	7,270	3,657,238	198,869	0.0065	368,366	56	122,000
May-24	36	129,600	40,472	3.7%	136,009	7.0	6.5	0.0	607,500	189,713	6.0	2.5	0.5	6,800	5,623	3,772,691	192,561	0.0061	382,274	48	119,000
Jun-24	50	180,000	53,413	3.6%	189,422	7.0	6.5	0.0	607,500	180,269	3.0	6.0	1.5	6,690	7,100	3,825,000	219,954	0.0069	400,223	78	175,000
Jul-24	81	291,600	90,582	3.7%	280,004	3.0	4.5	0.0	337,500	104,840	1.0	1.0	0.5	5,860	6,260	3,657,238	184,838	0.0061	289,679	46	93,500
Aug-24	70	252,000	71,427	3.4%	351,431	4.0	4.5	0.0	382,500	108,416	1.0	5.0	0.5	4,610	4,760	3,728,286	145,675	0.0047	254,091	81	168,500
Sep-24	69	248,400	72,838	3.5%	424,269	4.0	3.0	0.0	315,000	92,367	1.0	0.0	0.5	4,410	4,280	3,639,476	131,885	0.0043	224,252	83	181,000
Oct-24	11	39,600	11,109	3.4%	435,378	3.5	3.5	0.0	315,000	88,367	0.5	0.5	0.5	3,810	4,150	3,639,476	117,771	0.0039	206,138	72	148,500
Nov-24	36	129,600	40,233	3.7%	475,611	2.0	3.0	0.0	225,000	69,849	0.5	0.5	0.0	3,840	4,340	3,617,762	123,404	0.0041	193,253	29	65,000
Dec-24	17	61,200	17,624	3.5%	493,235	2.0	3.0	0.0	225,000	64,794	0.5	0.5	0.0	4,150	4,450	3,617,762	129,740	0.0043	194,534	50	112,000
Jan-25	0	-	0	3.5%	-	5.0	2.5	0.0	337,500	96,516	0.5	0.5	0.0	4,490	4,460	3,617,762	145,335	0.0049	244,851	32	76,500


Sludge Inventory
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
-
Dry Sludge (pounds)
Jan-23
Mar-23
May-23
Jul-23
Sep-23
Nov-23
Jan-24
Mar-24
May-24
Jul-24
Sep-24
Nov-24
Jan-25
Total Inventory
Basin Inventory

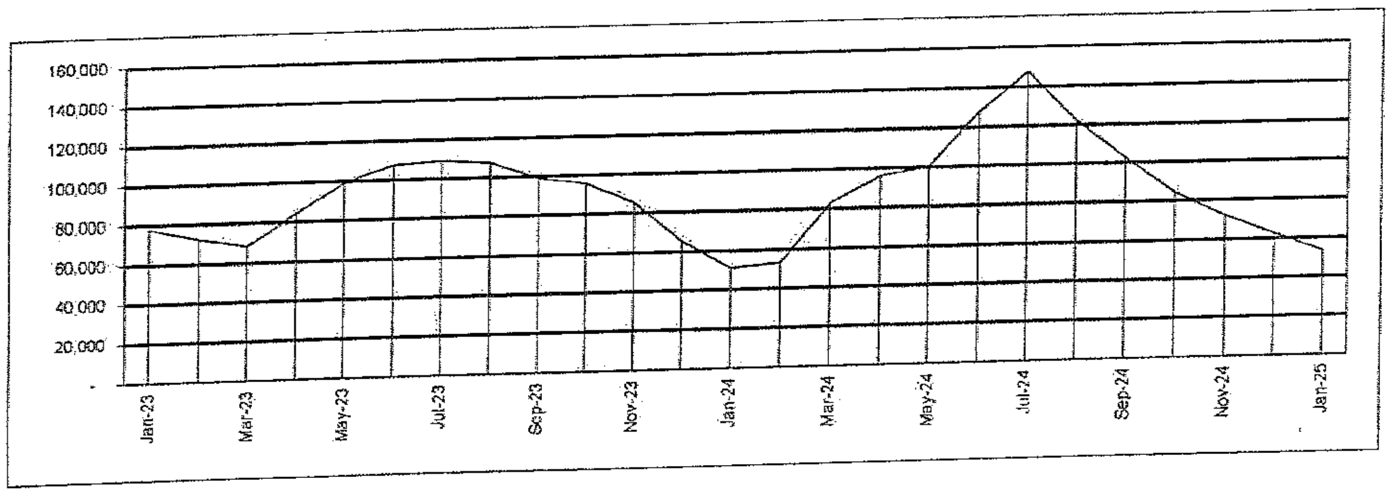

Hauled Sludge Summary
900,000
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
Dry Pounds
Jan-23
Mar-23
May-23
Jul-23
Sep-23
Nov-23
Jan-24
Mar-24
May-24
Jul-24
Sep-24
Nov-24
Jan-25
Monthly Hauled Amount
Cumulative Amount

	Electric Cost	Kilowatts Used
Jan-23	4809	77,980
Feb-23	5074	72,420
Mar-23	4730	68,320
Apr-23	5801	84,440
May-23	7128	99,300
Jun-23	11076	107,520
Jul-23	11845	109,070
Aug-23	11697	107,330
Sep-23	10438	99,140
Oct-23	6553	96,000
Nov-23	5474	85,570
Dec-23	4293	65,618
Jan-24	3972	51,236
Feb-24	3925	53,460
Mar-24	5786	82,859
Apr-24	6619	96,496
May-24	7563	100,390
Jun-24	13362	127,782
Jul-24	14832	147,621
Aug-24	12915	122,157
Sep-24	10456	102,916
Oct-24	5594	84,223
Nov-24	5209	72,179
Dec-24	4135	62,553
Jan-25	3699	53,272

Electric Cost



Kilowatts Used



Lake Ozark/Osage Beach WWTP
Phosphorus Removal

	Inf. mg/L	Eff. mg/L		Inf. mg/L	Eff. mg/L		Inf. mg/L	Eff. mg/L
Jan-23	4.9	2.7	Jan-24	5.3	3.3	Jan-25	4.4	2.6
Feb-23	5.9	3.0	Feb-24	5.3	2.8	Feb-25		
Mar-23	5.1	2.9	Mar-24	4.5	3.5	Mar-25		
Apr-23	6.0	3.2	Apr-24	5.5	2.1	Apr-25		
May-23	5.6	1.9	May-24	5.2	3.6	May-25		
Jun-23	6.2	2.8	Jun-24	4.5	1.4	Jun-25		
Jul-23	7.2	0.6	Jul-24	4.0	0.8	Jul-25		
Aug-23	4.7	0.6	Aug-24	4.5	5.0	Aug-25		
Sep-23	5.0	4.6	Sep-24	5.1	5.7	Sep-25		
Oct-23	7.0	6.6	Oct-24	5.9	4.7	Oct-25		
Nov-23	7.6	5.4	Nov-24	3.3	3.4	Nov-25		
Dec-23	5.9	3.6	Dec-24	5.1	3.9	Dec-25		
Avg.	5.9	3.2	Avg.	4.8	3.3	Avg.	4.4	2.6

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
Discharge Monitoring Report For Municipal Wastewater Treatment Plants

NAME OF FACILITY	LOCATION ADDRESS & CITY	COUNTY/REGION
Lake of the Ozarks Regional WWTP #1	#3 Anderson Road	Miller/SWRO

MONTH/YEAR	PERMIT NUMBER	OUTFALL NUMBER	TYPE TREATMENT FACILITY
Jan-25	MO-0103241	#001	Oxidation Ditch/UV/Sludge Holding-sludge is land applied

	INFLUENT					EFFLUENT								% Removal	
DATE	pH UNITS	BOD mg/L	TSS mg/L	Ammonia as N mg/l	TEMP °C	FLOW MGD	pH UNITS	BOD mg/L	TSS mg/L	Ammonia as N mg/l	DO mg/L	E. coli COLFRM #/100 ML	TEMP °C	BOD mg/L	TSS mg/L
1	7.0				12.4	1.210	7.7				11.5		10.4		
2	7.0				10.7	1.111	7.6				11.5		10.2		
3	6.9	220	138		10.9	0.710	7.6	2.2	1.4		11.5		8.9	99.0	99.0
4	6.9				10.5	1.439	7.6				11.7		8.5		
5	6.9				11.2	1.119	8.0				11.7		8.6		
6	6.8				10.9	1.043	7.9				12.1		7.7		
7	6.9				10.5	1.008	7.5				12.7		4.5		
8	6.8			27.4	6.7	1.067	7.5			0.21	12.2		6.2		
9	7.0				7	1.109	7.5				12.7		4.9		
10	7.1	255	172		8.2	1.138	7.6	2.5	2.4		12.4		6.5	99.0	98.6
11	7.1				6.9	1.103	7.5				12.3		5.4		
12	7.0				9.5	1.226	7.5				12.8		8.0		
13	6.8				10.1	1.207	7.6				12.3		6.9		
14	6.9				6.8	1.129	7.5				12.2		7.6		
15	6.7			22.4	10.2	1.093	7.4			0.06	12.6		6.4		
16	7.3				9.8	1.205	7.7				11.6		7.9		
17	7.0	180	180		9.4	1.236	7.5	2.2	2.1		11.8		7.7	98.8	98.8
18	7.0				9.7	1.215	7.9				11.8		7.9		
19	7.0				8.5	1.227	7.8				12.2		6.1		
20	6.9				7.1	1.105	7.6				12.5		4.3		
21	6.8				7.3	1.179	7.9				13.0		3.8		
22	6.9			24.6	8.8	1.145	7.4			0.06	13.0		4.7		
23	6.9				8.7	1.092	7.5				12.8		5.2		
24	7.0	420	524		6.5	1.180	7.6	3.1	3.2		12.7		4.1	99.3	99.4
25	7.1				8.5	1.138	7.6				12.7		4.9		
26	7.0				9.1	1.161	7.7				12.9		6.3		
27	6.9				9.2	1.106	7.5				12.3		6.4		
28	7.0				8.7	1.142	7.4				12.0		6.3		
29	6.9			23.2	10.0	1.185	7.5			0.18	12.0		7.4		
30	7.1	370	700		11.2	1.265	7.6	3.1	2.5		11.5		9.1	99.2	99.6
31	7.0				11.1	1.373	7.7				11.1		10.1		
Total						35.666									
Avg		289	343	24.4	9.3	1.151		2.6	2.3	0.13	12.2	0.0	6.9	99.0	99.1
Min	6.7	180	138	22.4	6.5	0.710	7.4	2.2	1.4	0.06	11.1	0.0	3.8	98.8	98.6
Max	7.3	420	700	27.4	12.4	1.439	8.0	3.1	3.2	0.21	13.0	0.0	10.4	99.3	99.6

	MONTHLY EFF MONITORING			QUARTERLY EFF MONITORING				MONTHLY INF MONITORING		
DATE	Phosphorus mg/L	TKN mg/L	Nitrite+Nitrate mg/L	Oil & Grease mg/L	TR. Cadmium mg/L	Selenium mg/L	Hardness mg/L	Phosphorus mg/L	TKN mg/L	Nitrite+Nitrate mg/L
1										
2										
3										
4										
5										
6										
7										
8	2.58	< 0.130	22.0					4.38	40.7	< 0.030
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Total	2.58	< 0.130	22.0					4.38	40.7	< 0.030
Avg	2.58	< 0.130	22.0					4.38	40.7	< 0.030
Min	2.58	< 0.130	22.0					4.38	40.7	< 0.030
Max	2.58	< 0.130	22.0					4.38	40.7	< 0.030

OPERATIONAL CONTROLS/LABORATORY TEST REQUIRED FOR "ACTIVATED SLUDGE" PROCESSES

DATE Jan-25	SLUDGE DISP. LBS. DRY WEIGHT	#1 Aeration Basin, O-Ditch, Etc. MIXED LIQUOR * DO mg/l	** MLSS mg/l	*Settleability *30 min ml	Temp ° C	#2 Aeration Basin, O-Ditch, Etc. MIXED LIQUOR * DO mg/l	** MLSS mg/l	*Settleability *30 min ml	Temp ° C	*Weather Conditions Outside * Ambient Temp ° F	*RAIN inches	Time
1		2.1	4,180	330	12.1	2.2	4,390	360	12.1	34	0	7:30
2		2.3	4,290	330	11.1	2.4	4,440	350	11.1	36	0	7:30
3		2.7	4,550	360	9.9	3.1	4,120	320	10.5	33	0	7:30
4		2.6	4,460	360	8.9	4.2	4,030	320	8.9	38	0	7:30
5		2.1	3,850	370	9.0	4.2	3,970	310	9.4	35	0.2	7:30
6		3.8	4,570	380	7.5	5.5	3,860	310	7.5	23	0.75	7:30
7		5.6	4,530	470	5.4	7.0	3,720	320	5.7	15	0	7:30
8		4.8	4,700	490	5.8	7.6	3,720	310	6.3	19	0	7:30
9		4.1	4,630	470	5.3	7.3	3,900	320	5.8	16	0	7:30
10		3.6	4,750	500	7.0	5.0	4,150	330	7.8	36	0.3	7:30
11		4.0	4,660	420	6.0	5.8	4,180	380	6.5	24	0.1	7:30
12		4.0	4,570	380	8.5	5.8	4,410	390	8.8	39	0	7:30
13		2.7	4,230	410	6.9	4.1	4,420	420	7.7	22	0	7:30
14		2.6	4,420	430	7.8	4.6	4,330	440	8.2	29	0	7:30
15		3.4	4,300	390	6.2	4.5	4,120	390	6.7	19	0	7:30
16		2.4	4,440	400	8.6	2.7	4,290	420	8.8	39	0	7:30
17		1.5	4,620	440	7.7	2.4	4,450	400	8.4	32	0	7:30
18		1.0	4,430	400	8.4	1.8	3,870	360	8.4	34	0	7:30
19		1.1	3,240	400	6.9	3.1	4,000	350	7.2	12	0	7:30
20		2.9	4,390	410	5.4	3.1	4,450	380	5.6	1	0	7:30
21		3.0	3,270	390	3.9	4.8	3,710	400	4.3	-1	0	7:30
22		3.5	4,600	420	4.9	4.5	4,150	380	5.5	25	0	7:30
23		2.3	4,780	500	6.0	3.4	4,430	380	6.3	36	0	7:30
24		2.1	4,780	560	5.9	3.2	4,150	380	5.7	7	0	7:30
25		2.1	4,810	470	7.3	3.2	4,010	360	7.2	26	0	7:30
26		2.6	4,820	440	6.3	4.0	4,110	360	6.6	29	0	7:30
27		2.4	4,810	500	7.0	3.0	4,180	410	7.0	23	0	7:30
28		1.7	4,670	470	7.6	2.3	4,670	470	7.9	31	0	7:30
29		1.3	4,650	450	8.0	1.6	4,530	440	8.0	33	0	7:30
30		1.3	4,650	410	9.3	1.3	4,900	470	9.5	48	0.5	7:30
31		1.2	4,490	380	10.4	1.2	4,480	390	10.5	50	0.2	7:30

COMMENTS:

TESTS PERFORMED BY (PRINT)	SIGNATURE	PHONE #	DATE
Robert Lenaerts		(573)365-0455	2/7/2025
REPORT APPROVED BY (PRINT)	**SIGNATURE**	**PHONE #**	**DATE**
Gary Hutchcraft		(573)365-0455	2/7/2025

*Required Daily (Monday / Friday)

**Required 1/week

Lake of the Ozarks Regional
WWTP 1
#3 Anderson Road
LAKE OZARK, MO, Miller

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Central Field Operations
P O Box 176
Jefferson City, MO, 65102

Permit Number	Outfall Number
MO0103241	001M
Monitoring Period	
1/1/25	1/31/25
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	1.439	1.151	Mgal/d
Mon. Location.: End of Pipe	*****;*****	*****;*****	*****;*****		Daily Max.:Monitoring Required	Monthly Avg.:Monitoring Required	
Sample Type: Total Measured							
Frequency: Daily							
BOD, 5-day, 20 deg. C	*****	3.1	2.6	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	*****;*****	Weekly Avg.:45	Monthly Avg.:30		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Weekly							
Total Suspended Solids (TSS)	*****	3.2	2.3	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	*****;*****	Weekly Avg.:45	Monthly Avg.:30		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Weekly							
Phosphorus, total (as P)	2.58	*****	2.58	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Nitrogen, Kjeldahl, total (as N)	<0.130	*****	<0.130	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Nitrite plus nitrate total (as N)	22.0	*****	22.0	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Nitrogen, ammonia total (as N)	0.21	*****	0.13	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	Daily Max.:12.1	*****;*****	Monthly Avg.:3.1		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Weekly							

Lake of the Ozarks Regional
WWTP 1
#3 Anderson Road
LAKE OZARK, MO, Miller

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Central Field Operations
P O Box 176
Jefferson City, MO, 65102

pH	7.4	*****	8.0	SU	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Grab Frequency: Weekly	Minimum:6.0	*****;*****	Maximum:9.0		*****;*****	*****;*****	
BOD, 5-day, percent removal	*****	*****	98.8	%	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Calculated Frequency: Monthly	*****;*****	*****;*****	Monthly Avg. Min.:85		*****;*****	*****;*****	
Suspended Solids, percent removal	*****	*****	98.6	%	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Calculated Frequency: Monthly	*****;*****	*****;*****	Monthly Avg. Min.:85		*****;*****	*****;*****	

Comments:

Lake of the Ozarks Regional
WWTP 1
#3 Anderson Road
LAKE OZARK, MO, Miller

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Central Field Operations
P O Box 176
Jefferson City, MO, 65102

Permit Number	Outfall Number
MO0103241	INFIM
Monitoring Period	
1/1/25	1/31/25
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
BOD, 5-day, 20 deg. C	*****	*****	289	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	*****;*****	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Total Suspended Solids (TSS)	*****	*****	343	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	*****;*****	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Nitrogen, ammonia total (as N)	27.3	*****	24.4	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Phosphorus, total (as P)	4.38	*****	4.38	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Nitrogen, Kjeldahl, total (as N)	40.7	*****	40.7	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Nitrite plus nitrate total (as N)	<0.030	*****	<0.030	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	

Comments:

Lake of the Ozarks Regional
WWTP 1
#3 Anderson Road
LAKE OZARK, MO, Miller

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Central Field Operations
P O Box 176
Jefferson City, MO, 65102

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		
eSignature Gary Hutchcraft	Submission Date February 7, 2025	User Phone Number (573)365-0455

LAKE OZARK/OSAGE BEACH WWTP
Operation Report

FOR JANUARY 2025

1	RL	0.141	0.837	0.979											7.03	12.4
2	RL	0.120	0.771	0.891											6.96	10.7
3	RL	0.113	0.759	0.872	378	303	370	378	116	138					6.93	10.9
4	JFH	0.111	0.727	0.838											6.90	10.5
5	JFH	0.125	0.741	0.856											6.96	11.2
6	JFH	0.091	0.701	0.792											6.90	10.0
7	RL	0.107	0.680	0.787											6.93	10.5
8	RL	0.117	0.729	0.846							27.4	4.39	40.7	<0.07	6.82	9.7
9	RL	0.123	0.766	0.889											6.95	7.0
10	RL	0.118	0.755	0.873	353	238	351	320	168	172					7.05	8.2
11	RL	0.116	0.693	0.809											7.10	6.9
12	RL	0.141	0.838	0.979											7.02	9.5
13	RL	0.122	0.841	0.963											6.99	10.1
14	RL	0.126	0.782	0.908											6.90	8.8
15	RL	0.119	0.812	0.931							22.4				6.91	10.2
16	RL	0.126	0.810	0.936											7.27	9.8
17	RL	0.124	0.782	0.906	189	205	180	266	134	110					7.02	9.5
18	JFH	0.141	0.863	1.003											6.99	9.7
19	JFH	0.147	0.844	0.991											7.03	8.5
20	JFH	0.137	0.764	0.901											6.90	7.1
21	JFH	0.135	0.812	0.948											6.82	7.3
22	RL	0.129	0.780	0.909							24.6				6.93	8.8
23	RL	0.130	0.745	0.875											6.90	8.7
24	RL	0.125	0.779	0.904	355	205	420	230	142	354					7.01	6.9
25	RL	0.130	0.822	0.952											7.07	8.5
26	RL	0.138	0.813	0.951											6.97	9.1
27	RL	0.131	0.739	0.870											6.93	9.2
28	RL	0.126	0.788	0.914											6.95	8.7
29	RL	0.118	0.815	0.933							23.0				6.86	10.0
30	RL	0.124	0.833	0.957	350	245	370	182	259	700					7.05	11.2
31	RL	0.127	0.993	1.120											6.97	11.2
TOTAL		3.878	24.413	28.291	1504	1116	2445	1176	808	1714	97.6	4.38	40.7	<0.07	215	291.2
MAX		0.147	0.993	1.120	378	298	420	330	259	700	27.4	4.38	40.7	<0.03	7.27	12.4
MIN		0.091	0.680	0.771	350	203	180	182	116	138	22.4	4.38	40.7	<0.07	6.74	6.3
AVG		0.125	0.788	0.913	301	223	289	235	162	343	24.4	4.38	40.7	<0.07	6.95	9.4

1	PC	0	34	4,190	330	79	7.20	2.3	3,390	360	82	7.21	2.3	0.5	1.0	0.0
2	O	0	36	4,290	330	77	7.03	2.4	4,460	350	79	7.07	3.3	0.5	0.5	0.0
3	C	0	32	4,130	360	70	7.16	2.5	4,130	320	78	7.17	3.2	0.5	0.6	0.0
4	O	0	38	4,460	360	81	7.21	2.6	4,010	320	79	7.24	4.3	0.5	0.5	0.0
5	S	0.2	35	3,950	370	96	7.05	2.3	3,970	310	78	7.26	4.3	1.0	0.5	0.0
6	S	0.75	23	4,570	386	83	7.29	3.3	3,890	310	80	7.18	5.5	1.0	0.5	0.0
7	PC	0	13	4,530	470	104	7.03	5.6	3,730	320	96	7.16	7.0	0.5	0.5	0.0
8	C	0	19	4,790	490	104	7.12	6.8	3,720	330	80	7.11	7.6	0.5	0.5	0.0
9	C	0	36	4,530	376	105	7.12	4.4	3,900	320	95	7.21	7.3	0.5	0.5	0.0
10	S	0.3	35	4,750	406	105	7.06	3.6	4,150	330	80	7.09	5.0	1.0	1.0	0.0
11	C	0.4	34	3,990	420	90	7.08	4.0	4,180	300	91	7.07	5.8	0.5	0.5	0.0
12	O	0	39	4,370	385	83	6.99	4.0	4,410	390	88	7.05	5.8	0.5	0.5	0.0
13	C	0	27	4,590	410	97	7.11	2.7	4,430	420	95	7.05	4.2	0.5	0.5	0.0
14	C	0	29	4,420	430	97	7.06	2.6	3,330	440	103	7.08	4.6	0.5	0.5	0.0
15	C	0	38	4,380	390	91	6.98	3.4	4,320	390	94	6.97	4.3	0.5	0.5	0.0
16	C	0	39	4,440	400	90	7.21	2.6	4,290	425	98	7.22	3.7	0.5	1.0	0.0
17	C	0	32	4,520	410	95	7.02	1.5	4,430	400	90	6.99	3.4	0.5	0.5	0.0
18	O	0	34	4,430	400	90	7.18	1.0	3,870	360	93	7.12	3.8	0.5	0.5	0.0
19	C	0	17	3,220	400	123	7.16	5.1	4,000	350	108	7.37	3.8	0.5	0.5	0.0
20	C	0	1	4,390	410	93	7.21	2.9	4,450	380	85	7.37	3.1	0.5	0.5	0.0
21	C	0	1	3,270	390	119	7.12	3.0	3,770	400	100	7.07	4.8	0.5	0.5	0.0
22	O	0	25	4,690	420	91	6.97	3.5	4,150	380	92	6.97	4.5	0.5	0.5	0.0
23	O	0	34	4,780	500	105	6.98	2.5	4,120	380	92	6.98	3.4	0.5	0.5	0.0
24	C	0	7	4,780	550	117	7.03	2.3	4,130	381	92	7.01	3.2	0.5	0.5	0.0
25	C	0	26	4,910	480	98	7.08	3.1	4,010	350	90	7.06	3.2	0.5	0.5	0.0
26	C	0	25	4,820	440	91	6.95	2.6	4,510	360	88	6.98	4.0	0.5	0.5	0.0
27	C	0	23	4,810	390	104	7.04	2.4	4,210	410	98	7.05	3.6	0.5	0.5	0.0
28	C	0	21	4,670	470	101	7.00	3.7	4,320	400	93	6.95	2.3	0.5	0.5	0.0
29	C	0	20	4,550	450	99	7.08	1.2	4,530	440	97	6.91	1.6	1.0	0.5	0.0
30	S	0.5	48	4,650	410	88	7.09	1.3	4,900	470	96	7.06	1.2	0.5	1.0	0.0
31	O	0.2	50	4,490	390	85	7.10	1.2	4,490	390	97	7.06	1.2	0.5	0.5	0.0
TOTAL		2.1	849	138,140	13,140	2,955	221	87.2	129,490	11,550	2,765	220	118.8	17.5	17.5	0.0
MAX		0.75	50	4,920	560	123	7.65	5.6	4,900	470	109	7.52	7.6	1.0	1.0	0.0
MIN		0	1	3,240	330	77	6.95	1.0	3,710	310	78	6.93	1.2	0.5	0.5	0.0
AVG		0.07	27	4,456	424	95	7.12	2.7	4,177	373	89	7.16	3.8	0.6	0.6	0.0

1	1,210	7.73			11.5		10.4									0.646	7,540		
2	1,111	7.35			11.5		10.2									0.621	4,265		
3	0.710	7.59	2.2	2.4	11.5		8.0									0.539	9,040	41,000	3,057
4	1,419	7.67			11.7		8.4									0.589	3,715		
5	1,110	8.04			11.7		8.6									0.600	9,170		
6	1,243	7.86			12.1		7.7									0.575	5,965		
7	1,008	7.51			12.2		4.5									0.705	7,945		
8	1,057	7.46			13.2	0.27	6.2		2.58	22.6	<0.13					0.601	9,340		
9	1,109	7.51			12.7		4.9									0.564	9,370		
10	1,138	7.56	2.5	2.4	12.4		6.5									0.565	7,990		
11	1,103	7.51			13.3		5.4									0.612	6,494		
12	1,226	7.48			12.8		8.0									0.639	8,615		
13	1,207	7.56			13.3		6.9									0.567	9,450		
14	1,529	7.54			12.7		7.5									0.631	9,050	67,500	5,797
15	1,003	7.41			11.6	0.06	6.4									0.573	9,075		
16	1,205	7.66			11.6		7.0									0.646	9,355		
17	1,236	7.48	2.2	2.1	11.6		7.2									0.638	11,450	45,000	4,297
18	1,215	7.92			11.8		7.9									0.550	7,270		
19	1,127	7.87			12.2		6.3									0.650	7,005		
20	1,103	7.89			13.5		4.3									0.563	8,605		
21	1,179	7.85			13.0		3.8									0.566	9,725		
22	1,145	7.39			13.0	0.06	4.5									0.587	8,475		
23	1,092	7.48			11.8		5.2									0.619	6,575		
24	1,150	7.89	3.1	3.2	12.7		4.1									0.572	9,545	45,000	3,592
25	1,198	7.59			12.7		4.9									0.589	8,335		
26	1,161	7.65			12.9		6.3									0.624	7,475		
27	1,106	7.46			12.9		6.5									0.627	9,400		
28	1,142	7.39			12.0		6.3									0.507	9,550		
29	1,195	7.48			12.0	0.16	7.4									0.694	10,295		
30	1,355	7.58	2.1	2.4	11.5		9.1									0.611	10,735	41,000	4,936
31	1,177	7.64			11.3		10.1									0.564	10,045		
TOTAL	35,666	236	12.2	11.6	378	0.51	213	0	2.58	22.6	<0.13	0	0	0	0	20.015	262,895	247,500	20,027
MAX	1,409	8.04	3.1	3.2	13.0	0.27	10.4	0	2.58	22.6	<0.13	0	0	0	0	0.694	11,450	67,500	5,797
MIN	0.710	7.39	2.2	2.1	11.1	0.06	3.8	0	2.58	22.6	<0.13	0	0	0	0	0.5[illegible]	3,715	41,000	3,057
AVG	1,151	7.64	2.6	2.5	12.2	0.12	6.9	0.0	2.58	22.6	<0.13	0.0	0.0	0.0	0.0	0.646	8,480	49,500	4,005

Use the following abbreviations R-rain, S-snow, O-overcast, C-clear, PC-partly cloudy

Approved by: CGT

Date 2/6/2025

Prepared by: RL, JFH, CGT