OSAGE BEACH / LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
June 17th, 2025
LAKE OZARK CITY HALL

1. CALL TO ORDER

2. ROLL CALL ROBIN

Mayor, Michael Harmison
Mayor, David Ridgely
City Administrator, Harrison Fry
City Administrator, Devin Lake
Alderman, Kevin Rucker
Alderman, Pat Thompson
Public Works Director, Matt Michalik
Public Works Director, Osage Beach Jeff Fisher
Member at Large, Gary Hamner

3. PUBLIC COMMENT

4. MINUTES

5. REPORTS

6. ALLIANCE REPORT OF OPERATIONS

7. APPROVAL OF FLOW CHARTS

8. OLD BUSINESS

A. Board update.
B. Capital/Maintenance Program

9. NEW BUSINESS

A. Discussion and possible approval of the bids for the installation of the Bar Screen parts/items/hardware to convert the bar screens from ½" to ¼". **Pg. 36**

B. Approval of Sewer Board definition of "Capital Improvements" as it relates to our budget.

C. Approval of the 25-year capital improvement plan with focus on the rolling 5 years. **Pg. 37-40 plus email attachment.**

D. Review, discuss and possible approval of the proposed RFQ Cover Letter and RFQ for management services for the treatment plant. **Pg. 41.47**

E. Update signature cards to update and add Mayor, David Ridgely. No document for this just approval.

10. ADDITIONAL DISCUSSION ITEMS

- **Tentative special meeting – July 22"**

11. ADJOURNMENT

LAKE OZARK-OSAGE BEACH
JOINT SEWER BOARD

Meeting Minutes – May 20th 2025

CALL TO ORDER:

May Michael Harmison called the meeting to order at 4:04 pm on Tuesday, May 20th , 2025, at Lake Ozark City Hall.

ROLL CALL:

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

PUBLIC COMMENT: None

MINUTES:

Alderman, Pat Thompson motioned to approve the meeting minutes from April 15th, 2025, the motion was seconded Resident Member, Mr. Gary Hamner and passed unanimously.

REPORTS:

Bills List

Revenue Budget Analysis
Expenditure Budget Analysis
Income & Expense Summary

Alderman, Pat Thompson made a motion to approve the April 2025 Bills List, Revenue Budget Analysis, Expenditure Budget Analysis and the Income & Expense Summary. The motion was seconded by Alderman, Kevin Rucker, and passed unanimously.

ALLIANCE REPORT OF OPERATIONS:

The average daily incoming flow for April was 1.202 MGD. We had 8.4 inches of precipitation measured at the WWTP for April.
Operationally, the plant's discharge was excellent, with an effluent monthly average BOD of 1.9 mg/l and TSS of 1.6 mg/l respectively for April, which represents a 99.1 + % or better removal.
The MLSS average for both aeration basins for April was 5,364 mg/l. The total dry weight sludge inventory for April totaled 281,028 pounds. We received 44 loads of septage or 98,500 gallons for April.

APPROVAL OF FLOW CHART:

City Administrator, Harrison Fry, motioned to approve the flow charts. The motion was seconded by Alderman, Pat Thompson and passed unanimously.

OLD BUSINESS:

A. Board Representative Update. Business as usual.
B. Review and discussed Capital replacement plan

NEW BUSINESS:

A. Review and discussion of whether we want to have JTEKT come in and do the equipment thermal & vibration analysis once this year for $1,500.00 to get a baseline started and twice a year thereafter for $3000.00 a year. Motion made by Alderman, Kevin Rucker to perform analysis twice a year. His motion was seconded by Public Works Director, Matt Michalik and passed unanimously.
B. Discussion/approval of the quote/bids for the Bar Screen parts/supplies. Motion made by Alderman, Pat Thompson to approve the bid from WSG. Motion was seconded by City Administrator, Harrison Fry and passed unanimously.
C. Reviewed and discussed bids for purchasing two sludge truck tires. A motion was made by Mayor, David Ridgely, to approve the bid from JBC. Motion was seconded by Public Works Director, Matt Michalik and passed unanimously.
D. Review and discuss 3 years of plant records and some older receipts to be destroyed. Motion made by Alderman Kevin Rucker to destroy. Motion was seconded by City Administrator, Harrison Fry and passed unanimously.
E. Election of Chairman, Vice-Chairman, Secretary, Treasure. A motion was made by Alderman, Kevin Rucker to elect Mayor, Michael Harmison as Chairman, Mayor, David Ridgely as Vice-Chairman, City Administrator, Devin Lake as Secretary and Kari Bell as Treasure. Motion was seconded by Alderman, Pat Thompson and passed unanimously.
F. Scheduling meetings 2025-2026.
Monthly Meeting Schedule

- **Regular Meetings: Third Tuesday of every month at 4:00 p.m.**
- **Exceptions:**
  - **June 17th, 2025: Meeting at 3:00 p.m.**
  - **September 2025: No meeting**
  - **December 2025: No meeting**

ADDITIONAL DISCUSSION ITEMS:

Kari Bell is working on obtaining signatures cards from the bank to add Mayor David Ridgley.

ADJOURNMENT:

With no further business to discuss, a motion was made Alderman, Pat Thompson to adjourn. Public Works Director, Matt Michalik seconded the motion. The meeting was adjourned at 4:44 p.m.

Approved:

Mayor, Michael Harmison	Robin Craig, Clerk

JOINT SEWER BOARD
BILL LIST
JUNE 17, 2025

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	$	3,532.55
OPERATING FUND BILLS TO BE PAID:	$	53,115.51
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	$	-
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	$	1,710.69
TOTAL	$	58,358.75

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Paid To:		Description:		Amount:
4020	Menards	86489	Elec Tape	$	2.99
4020	Woodley Building Main.		May	$	330.00
4021	UV Sales LLC		Wipers for UV System	$	3,069.00
4176	Republic Services		June	$	87.58
4176	AT&T		June	$	42.98
			TOTAL	$	3,532.55

OPERATING FUND BILLS TO BE PAID:

Account	Paid To:	Description:		Amount:
4000	Equipment Replacement Fund	Payment into ER Fund	$	8,500.00
4020	A&A Inc.	Pump grit front of bar screens	$	720.00
4020	M/C QuickBooks	Accounting Software	$	35.00
4020	USA Blue Book	LS float switches	$	185.26
4020	Woodley Building Main.	June	$	330.00
4021	O'Reilly Auto	UV compressor belt	$	23.97
4150	JBC Tire LLC	2 backup Tires for Sludge Trk	$	2,914.00
4170	Alliance Water Resources Inc	June	$	31,079.00
4175	Ameren MO	11673321	$	8,444.48
4175	Ameren MO	98041275	$	76.60
4176	Ferrellgas	Propane 404 gallons	$	807.20
			$	-
		TOTAL	$	53,115.51

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Paid To:	Description:		Amount:
E/R			$	-
		TOTAL	$	-

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

UV Sales LLC
345 Lucky Joe Rd.
Newport WA 99156

MAY 22 2025

Invoice

Date	Invoice #
4/11/2025	3605

Bill To	Ship To
Joint SewerBoard Lake Ozarks-Osage Accounts Payable PO BOX 1985 Lake Ozark, MO 65049 U.S.A.	Joint SewerBoard Lake Ozarks-Osage Gary Hutchcraft 3 Anderson Road Lake Ozark, MO 65049 U.S.A.

P.O. Number	Terms	Via	F.O.B.	Ship Date	Due Date
Gary EM	Net 30	UPS	Newport WA	4/11/2025	5/11/2025

QTY	Item Code	Description	Price Each	Amount-USD
144	A03-WA-001	WEDECO WIPER RING - 4 TURN TEFLON - #38720 -Spec A03-WA-001	21.00	3,024.00T
1	SHIPPING CHARGES	SHIPPING & HANDLING UPS Tracking #. 1ZB359C80315677719 - 04/17	45.00	45.00
		No Tax Due	0.00%	0.00

WIPERS FOR THE UV SYSTEM

GL Acct#: 4021

Signature: Gary Hutchcraft

Date: 5/22/25

Please Remit Payment:
By Check:
UV Sales LLC
345 Lucky Joe Rd.
Newport WA 99156
By EFT/ACH: Waked Bank Acc # 62765476707 - Routing # 325070980
By Credit Card - 3.5% Processing Fee added to invoice over $1,000
"Please note, a monthly late fee of 1.5% will be applied to any past due balances."

Total - USD	$3,069.00
Payments/Credits	$0.00
Balance Due USD	$3,069.00

Ameren MISSOURI

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- Pay by mail: PO Box 88068, Chicago, IL 60680-1068
- Pay online or manage your account: AmerenMissouri.com
- Customer Service: 1.877.426.3736

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 06/09/2025

Total Electric Charges	$76.60
Total Amount Due	**$76.60**

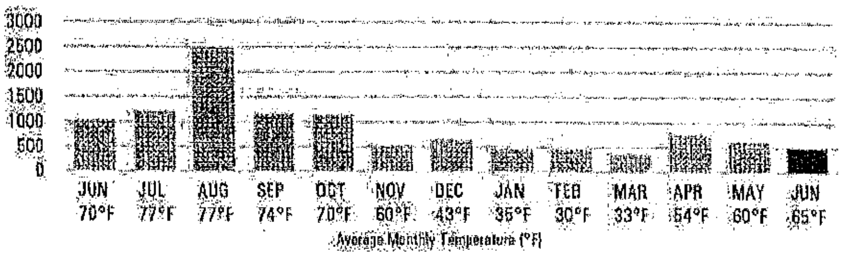
RECEIVED JUN 0 9 2025

AMOUNT DUE	**$76.60**
Due Date	**07/01/2025**
Amount After Due Date	$77.37
Previous Statement	$83.93
Total Payments	$83.93

Payment Received. Thank You.

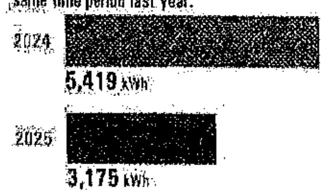
Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year you're using **41.4% less** than the same time period last year.



13073
03615 2394606 007207 0144113 0001/0002

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: [signature]
Date: 6/9/25

» See next page for service details.

Keep this portion for your records.

Please return this portion with your payment.

Ameren MISSOURI

☐ Check if you have address changes on back.

Amount Due	Due Date
$76.60	July 01, 2025
Delinquent Amount After Due Date	**Account Number**
$77.37	5580005920

Amount Enclosed $ ______

>003615 2394606 0010 092139 102

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

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

30633000 0055800059200 000000076600 000000076600

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Electric Service Details — **Service from 05/06/2025 - 06/05/2025 (30 days)**

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
70843410	05/06 - 06/05	30	Total kWh	Actual	15552.0000	15052.0000	500.0000	1.0000	500.0000
70843410	05/06 - 06/05	30	Peak kW	Actual	39.3480	0.0000	39.3480	1.0000	39.3480

Usage Summary

Total kWh	500.0000	Summer kWh	83.0000
Non-Summer kWh	417.0000	Winter Base kWh	1000.0000
Current Base kWh	500.0000	Summer Cur Base kWh	83.0000
Winter Cur Base kWh	417.0000	Seasonal kWh	0.0000

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

Threshold - Peak Demand

DESCRIPTION	USAGE	UNIT		RATE	CHARGE
Summer Total Energy Charge	83.00	kWh	@	$ 0.13460000	$11.17
Base Energy Charge	417.00	kWh	@	$ 0.08940000	$37.28
Seasonal Energy Charge	0.00	kWh	@	$ 0.05160000	$0.00
Customer Charge					$23.56
Fuel Adjustment Charge	500.00	kWh	@	$ 0.00154999	$0.77
Energy Efficiency Investment Charge	500.00	kWh	@	$ 0.00281900	$1.41
Renewable Energy Adjustment	500.00	kWh	@	$ 0.00282999	$1.41
Rush Island Retirement Cost	500.00	kWh	@	$ 0.00200000	$1.00
				Total Service Amount	$76.60
				Total Electric Charges	**$76.60**

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
May 30, 2025	$83.93

Address Changes or Corrections

Name ____________________

Address ____________________

City, State, Zip ____________________

Phone Number ____________________

AmerenMissouri.com/WaysToPay

- ONLINE E-CHECK
- PHONE 866.268.3729
- IN PERSON FIND A PAY STATION AT AMERENMISSOURI.COM/PAYSTATION
- ONLINE CREDIT CARD
- MAIL STUB & CHECK

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- Customer Service: 1.877.426.3736

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

AMOUNT DUE	**$8,444.48**
Due Date	**07/01/2025**
Amount After Due Date	$8,528.92
Previous Statement	$6,536.74
Total Payments	$6,536.74

Payment Received. Thank You.

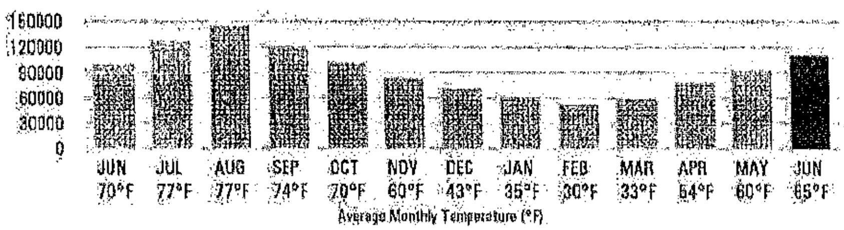
Current Detail for Statement 06/09/2025

Total Electric Charges	$8,444.48
Total Amount Due	**$8,444.48**

RECEIVED JUN 09 2025

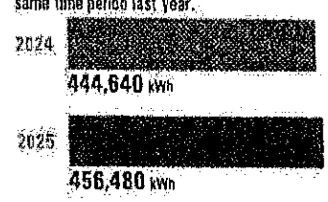
Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year you're using 2.7% more than the same time period last year.



13073
63602 2394606 007191 014351 0001/0002

Electric Service Details — **Service from 05/06/2025 - 06/05/2025 (30 days)**

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
95783299	05/06 - 06/05	30	Total kWh	Actual	6769.0000	6082.0000	687.0000	160.0000	109920.0000
95783299	05/06 - 06/05	30	On Peak kWh	Actual	2383.0000	2139.0000	244.0000	160.0000	39040.0000

GL Acct#: 4675

» 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: 6/9/25

Ameren MISSOURI

☐ Check if you have address changes on back.

Amount Due	Due Date
$8,444.48	July 01, 2025

Delinquent Amount After Due Date	Account Number
$8,528.92	4580005832

Amount Enclosed $ ____________

>003602 2394606 0010 092139 102

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

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

00600000 0045800058302 000008444480 000008444480

Electric Service Details (Continued)

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
95783299	05/06 - 06/05	30	Off Peak kW	Actual	1.4410	0.0000	1.4410	160.0000	230.5600
95783299	05/06 - 06/05	30	On Peak kW	Actual	1.4190	0.0000	1.4190	160.0000	227.0400

Usage Summary

Total kWh	109920.0000	Summer kWh	18320.0000
Non-Summer kWh	91600.0000	Peak kW	230.6000
On-Peak kW	227.0000	Off-Peak kW	230.6000
Sec. Energy Block kW	227.0000	Billing Demand	227.0000
Total Billing Demand	227.0000	Summer Billing Demand	37.8300
Winter Billing Demand	189.1700	October Winter Base kW	213.3000
Winter Base Demand	213.3000	Base kWh Ratio	0.9396
Base kWh (HUD)	86067.0000	Seasonal kWh (HUD)	5533.0000

Address Changes or Corrections

Name ______________________
Address ______________________
City, State, Zip ______________________
Phone Number ______________________

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

AMOUNT DUE	**$8,444.48**
Due Date	**07/01/2025**
Account Number	4580005832
Service Address	3 ANDERSON RD,

Electric Service Details (Continued)

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	5,533.00	kWh	@	$ 0.04080000	$225.75
Summer Demand Charge	37.83	kW	@	$ 7.43000000	$281.08
Winter Demand Charge	189.17	kW	@	$ 2.30000000	$435.09
Energy Charge/Hours Used	5,675.00	kWh	@	$ 0.12330000	$699.73
Energy Charge/Hours Used	7,567.00	kWh	@	$ 0.09270000	$701.46
Energy Charge/Hours Used	5,078.00	kWh	@	$ 0.06240000	$316.87
Base Energy Charge / Hours Used	26,662.00	kWh	@	$ 0.06980000	$1,861.01
Base Energy Charge / Hours Used	35,550.00	kWh	@	$ 0.05190000	$1,845.05
Base Energy Charge / Hours Used	23,855.00	kWh	@	$ 0.04090000	$975.67
Customer Charge					$112.82
Fuel Adjustment Charge	109,920.00	kWh	@	$ 0.00154999	$170.37
Energy Efficiency Investment Charge	109,920.00	kWh	@	$ 0.00262800	$288.87
Renewable Energy Adjustment	109,920.00	kWh	@	$ 0.00282999	$311.07
Rush Island Retirement Cost	109,920.00	kWh	@	$ 0.00200000	$219.84
				Total Service Amount	$8,444.48
				Total Electric Charges	**$8,444.48**

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
May 30, 2025	$6,538.74

Account Messages

A late payment charge of 1% will be added for any unpaid balance on all accounts after the due date.

Summer Electric Rates - June through September; Winter Electric Rates - October through May.
Please note: If your billing period for this statement spans both Summer and Winter seasons, you will see prorated charges that reflect the different rates for each season.

Rush Island Retirement Cost
Ameren Missouri is acting as the servicer for this Public Service Commission-approved charge for an assignee, who owns the rights to the securitized utility tariff charges related to the Rush Island Energy Center retirement. Based on projections, customers are expected to save about $85 million over a 15-year period versus standard rates.

Electric Delivery Rate Adjustment
Effective June 1, 2025, the Missouri Public Service Commission approved an increase for the Company's Electric Delivery Rates. For more information about these charges, please visit AmerenMissouri.com or call us at 1.800.552.7583. Your electric charges for this period may have been prorated, which occurs when part of your bill is calculated at an old rate and part is calculated at the new rate.

Auto Pay Makes Paying Bills Easier. To enroll, go to AmerenMissouri.com or call 1.800.552.7583 to request an enrollment form.

03602 2394606 007182 014363 0002/0002

INVOICE NO. **1013600**

JBC TIRE LLC SUNRISE BEACH
13993 NORTH STATE HIGHWAY 5, SUNRISE BEACH, MO 65079
EMAIL: CLARKTIRESUNRISE@GMAIL.COM PHONE: 573-374-8854

JOINT SEWER BOARD
PO BOX 1985
LAKE OZARK, MO 65049
W: 573-216-6398

CHARGE ACCOUNT - TERMS
DUE DATE: 06/10/2025

VEHICLE	TAG	VIN	MILES	DATE
			0	5/30/2025

PART NO.	DESCRIPTION	MECH	QTY	FET	UNIT	TOTAL
509358	48/31R20 PRIMEX TERRA TURBO II MBW 12 PLY		2		1457.00	2914.00

SUBTOTAL	2914.00
SALES TAX	0.00
TOTAL	2914.00
AMOUNT DUE	2914.00

RECEIVED
MAY 30 2025

2-REAR TIRES FOR THE SLUDGE TRK

GL Acct#: 4150
Signature: Gary Naturlivey
Date: 5/30/25

Signature ____________

USABlueBook
Get the Best Treatment™

INVOICE

INVOICE NO.	PAGE NO.
INV00723955	1 of 1
CUSTOMER NO.	**DATE**
1053309	05/29/25

Remit To:
P.O. Box 9004
Gurnee, IL 60031-9004
TEL: (847) 689-3000
FAX: (847) 689-3001
TOLL FREE: 1-800-493-9876
F.E.I.N.: 75-2007383

RECEIVED
JUN 09 2025

View online at: http://usabluebook.billtrust.com
Web Enrollment Token: GVZ KZT BWR

BILL TO: 1053309
14 1 SP 0.690 E0014X 10033 014372084440 S2 P10825415 0001:0002

JOINT SEWER BOARD LAKE
PO BOX 1985
LAKE OZARK MO 65049-1985

SHIP TO: 1053309-1

JOINT SEWER BOARD LAKE
3 ANDERSON RD
LAKE OZARK MO 65049
USA

Ordered by: GARY HUTCHCRAFT
Attention: Gary H.

CUSTOMER P.O. NO.	SHIP DATE	SLP	TERMS	TAX CODE	SALES ORDER NO.	W/H	FREIGHT	SHIP VIA
Verbal	05/29/25	PL	N30	AVATAX	SO3725130	01	Fixed	FEDEXGRND

USA STOCK NO.	DESCRIPTION	ORDERED	SHIPPED	BACKORDER	U/M	PRICE	PER	EXTENSION
35684	IntelliCAL LBOD Probe LBOD10101 good stock at time of quotation	1	1	0	ea	1,687.00	ea	1,687.00

REPLACEMENT DO PROBE

GL Acct#: 4000
Signature: Gary Hutchcraft
Date: 6/9/25

THANK YOU for your business!
1.5% MONTHLY FINANCE CHARGE
ON AMOUNTS 30 DAYS PAST DUE
Discounts Apply to Merchandise Only

MERCHANDISE	MISCELLANEOUS	DISCOUNT	TAX	FREIGHT	TOTAL
1,687.00	0.00	0.00	0.00	23.69	1,710.69

Should it become necessary to refer your unpaid balance to a collection agency, a collection fee, not to exceed 25% of the balance referred, plus reasonable attorney's fees, and court costs when necessary, will be added to the balance due.

Please Detach and Return Bottom Portion to Ensure Proper Credit to Your Account

USABlueBook
Get the Best Treatment™

****IMPORTANT****
Please include this customer #
on the face of your remittance check.

INVOICE NO.	CUSTOMER NO.	DATE	TOTAL
INV00723955	1053309	05/29/25	1,710.69

JOINT SEWER BOARD LAKE
PO BOX 1985
LAKE OZARK MO 65049-1985

REMITTANCE ADDRESS
USABlueBook
P.O. Box 9004
Gurnee, IL 60031-9004

MONTH-TO-DATE AND YEAR-TO-DATE

REVENUE/BUDGET ANALYSIS

5/31/2025

Account Number	Account Name	2023 Actual	2024 Actual	2025 Budget	2025 Actual as of 5/31/2025	2025 May Revenue	Percent YTD
3020	Osage Beach	491,201.99	508,731.86	527,512.00	222,091.81	44,012.13	42%
3010	Lake Ozark	87,143.84	96,126.49	100,479.00	38,046.84	8,320.45	38%
3030	Misc.	234.08	0.00	0.00	0.00	0.00	0%
3100	Interest	5,522.07	12,796.10	8,500.00	5,883.83	1,243.68	69%
3060	Waste Haulers' Fee	63,160.00	66,425.00	64,000.00	19,375.00	4,700.00	30%
	Total Operating Fund	647,261.98	684,079.45	700,491.00	285,397.48	58,276.26	41%
	E/R Fund Income	15,192.01	19,513.33	12,000.00	8,683.09	2,584.96	72%
	TOTAL INCOME	662,453.99	703,592.78	712,491.00	294,080.57	60,861.22	41%

MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
5/31/2025

Account Number	Account Name	2023 Actual	2024 Actual	2025 Budget	2025 Actual as of 5/31/2025	2025 May Expenses	Percent YTD
4000	Equipment Replace Fund	60,000.00	100,000.00	102,000.00	42,500.00	8,500.00	42%
4020	*Maintenance & Repair	84,665.12	117,259.46	40,500.00	6,564.02	1,873.24	16%
4021	UV Bulbs, Quartz Sleeves	0.00	0.00	12,000.00	902.55	0.00	8%
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	28,224.00	(25.00)	94%
4150	Vehicle Repair/Main	3,255.47	5,678.97	10,000.00	3,792.84	2,809.45	38%
4170	Contract Management	353,592.00	363,852.00	372,948.00	155,395.00	31,079.00	42%
4175	Electric	88,547.80	94,529.00	98,000.00	24,096.54	6,620.67	25%
4176	Utilities Misc.	4,579.70	2,609.07	5,000.00	1,311.24	130.56	26%
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	3,200.00	0.00	100%
4240	Capital Purchases	0.00	0.00	0.00	0.00	0.00	0%
	Totals	620,234.09	714,136.00	826,148.00	265,986.19	50,987.92	32%
	**E/R Expenses	113,313.66	209,196.00	30,000.00	369.99	369.99	1%
	TOTAL EXPENSES	733,547.75	923,332.00	856,148.00	266,356.18	51,357.91	31%

4020 DETAIL: Main. & Repair

Regular Maintenance	22,000
Ceiling Paint & Roof	15,000
Rock for Road	3,500
	40,500.00

4022 DETAIL: Main. & Repair Projects

Sand Blast & Paint Clarifer #1	82,500
Replace Bar Screen #1&#2	70,000
& Screens 1/2" with 1/4"	-
	152,500.00

DETAIL: Equipment & Replacement

		BOA APPROVE
Replace Aerator Motor with new	7,500	
Replace Pista Grit Pump & Motor	17,500	
Other:	5,000	
Actuator Clarifier #2		14,345
	30,000.00	

OPERATING FUND INCOME AND EXPENSE SUMMARY
5/31/2025

Beginning Balance	**353,232.07**
Income - Osage Beach	44,012.13
Income - Lake Ozark	8,320.45
Income - Other	-
Income - Waste Haulers' Fees	4,700.00
Interest - Checking	23.85
Income - CD Interest	1,219.83
Transfers From E/R Fund	-
Transfers To E/R Fund	(8,500.00)
Expenses	(41,977.50)
Ending Fund Balance	**361,030.83**
Central Bank - NOW Acct.	121,846.79
	-
CD First Bank of the Lake, 5/20/26 #8432	119,486.22
CD First Bank of the Lake, 4/22/26 #8433	126,648.49
	-
Outstanding Checks:	(6,950.67)
	361,030.83

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
5/31/2025

Beginning Balance	**438,864.43**
Interest - Checking	263.89
Income - CD Interest	2,321.07
Transfers From Operating Fund	8,500.00
Income - Miscellaneous	-
Expenses	-
Ending Fund Balance	**449,949.39**
First Bank of the Lake - Money Mkt.	136,381.38
CD First Bank of the Lake, 7/31/26 #8430	123,568.01
CD First Bank of the Lake, 8/07/25 #8434	190,000.00
	-
	-
Outstanding Checks:	-
	449,949.39

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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

REPORT OF OPERATIONS

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

Month of May 2025

Submitted by Alliance Water Resources, Inc. for the

June 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	1.8	1.8	N/A	10.0	0.14	< 2.0
Peak Day	2.0	2.2	8.2	< 20	0.30	< 2.0
Percent Removal	99.3	99.5	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	2.2	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 1.158 MGD or 39% of Permitted flow with Lake Ozark contributing 16% of the total flow and Osage Beach contributing 84%. 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 78693 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 42 tanker loads of bio-solids during the month equivalent to a total of 151,200 gallons and 41,043 pounds dry weight solids.

167,198 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 405,000 gallons with a level of 4.0 feet in Tank 1 and 5.0 feet in Tank 2.

WASTEHAULERS

The plant received 42 loads of septage during the month totaling 94,000 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Allmax Antero Maintenance software schedule.
- JBC was here on the 5th of May and put the two new front tires on the sludge truck.
- JCI was here on the 6th of May and swapped out #2 RAS pump with the spare. They took the one we were having problems with and shipped it back to the factory to see what was wrong with it.
- We had to replace a couple lift station float switches in the upper lift station on the 8th of May.
- JBC was here on the 12th of May to install the two rear tires that we had in inventory on the back of the sludge truck.
- The pista grit went down again on the 14th of May. We found that the grit had worn a hole through the suction bowl, so we ordered a replacement and got it back online on the 16th.
- A & A Septic was here on the 21st of May to suck out the grit/gravel in front of the bar screens.
- We had to replace the V-belt on the UV air compressor on the 24th of May.

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 topic was Lockout/Tagout Simulation.

REGULATORY AGENCY, INSPECTION AND REPORT

- We filled out the new EDMR on the EPA MoGEM website on the 4th of June.

MISCELLANEOUS AND RECOMMENDATIONS

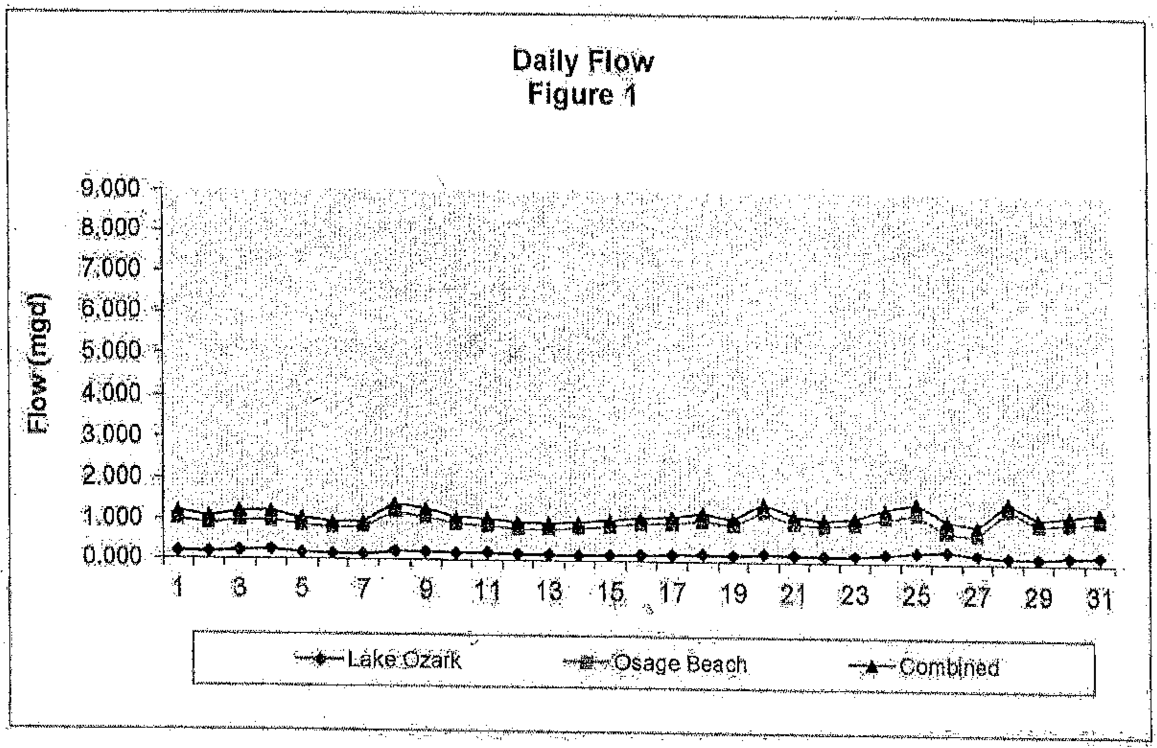
- We received three bids for the installation of the parts/items/hardware needed to convert both Bar Screens from ½ inch openings to ¼ inch openings. (see attached bid sheet)

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF May 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-May	0	0.198	1.010	1.208	16.4	83.6						
2-May	0	0.181	0.900	1.081	16.7	83.3						
3-May	**0**	**0.213**	**0.983**	**1.196**	**17.8**	**82.2**						
4-May	**0**	**0.234**	**0.975**	**1.209**	**19.4**	**80.6**						
5-May	0	0.171	0.867	1.038	16.5	83.5						
6-May	0	0.140	0.802	0.942	14.9	85.1						
7-May	0	0.135	0.809	0.944	14.3	85.7						
8-May	1.4	0.208	1.193	1.401	14.8	85.2						
9-May	0	0.201	1.079	1.280	15.7	84.3	263	265	270	188	200	292
10-May	**0**	**0.182**	**0.910**	**1.092**	**16.7**	**83.3**						
11-May	**0**	**0.193**	**0.865**	**1.058**	**18.2**	**81.8**						
12-May	0	0.166	0.786	0.952	17.4	82.6						
13-May	0	0.150	0.791	0.941	15.9	84.1						
14-May	0	0.140	0.826	0.966	14.5	85.5						
15-May	0	0.159	0.875	1.034	15.4	84.6						
16-May	0	0.163	0.944	1.107	14.7	85.3	305	273	245	214	306	318
17-May	**0**	**0.183**	**0.954**	**1.137**	**16.1**	**83.9**						
18-May	**0.4**	**0.194**	**1.034**	**1.228**	**15.8**	**84.2**						
19-May	0.3	0.171	0.928	1.099	15.6	84.4						
20-May	1	0.206	1.276	1.482	13.9	86.1						
21-May	0	0.193	0.984	1.177	16.4	83.6						
22-May	0	0.169	0.915	1.084	15.6	84.4						
23-May	0	0.178	0.965	1.143	15.6	84.4	245	233	218	202	238	274
24-May	**0**	**0.220**	**1.136**	**1.356**	**16.2**	**83.8**						
25-May	**0**	**0.279**	**1.231**	**1.510**	**18.5**	**81.5**						
26-May	0.1	0.312	0.780	1.092	28.6	71.4						
27-May	0.1	0.221	0.716	0.937	23.6	76.4						
28-May	0	0.163	1.372	1.535	10.6	89.4						
29-May	0	0.160	0.988	1.148	13.9	86.1	295	280	318	262	290	568
30-May	0.4	0.194	1.035	1.229	15.8	84.2						
31-May	**0**	**0.205**	**1.100**	**1.305**	**15.7**	**84.3**						
SUM	3.8	5.882	30.029	35.911								
AVG		0.190	0.969	1.158	16	84	277	263	263	217	259	363

NOTE: BOLD PRINT INDICATES WEEKEND DAYS


Daily Flow
Figure 1
Flow (mgd)
9.000
8.000
7.000
6.000
5.000
4.000
3.000
2.000
1.000
0.000
1
3
5
7
9
11
13
15
17
19
21
23
25
27
29
31
Lake Ozark
Osage Beach
Combined

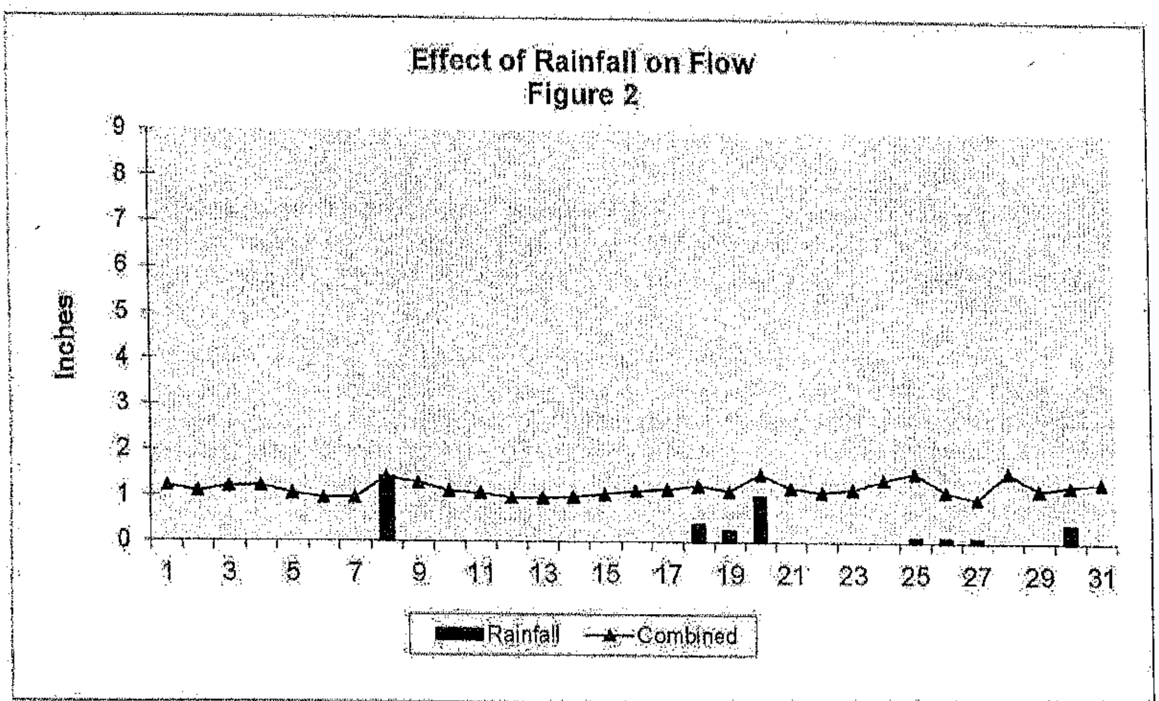
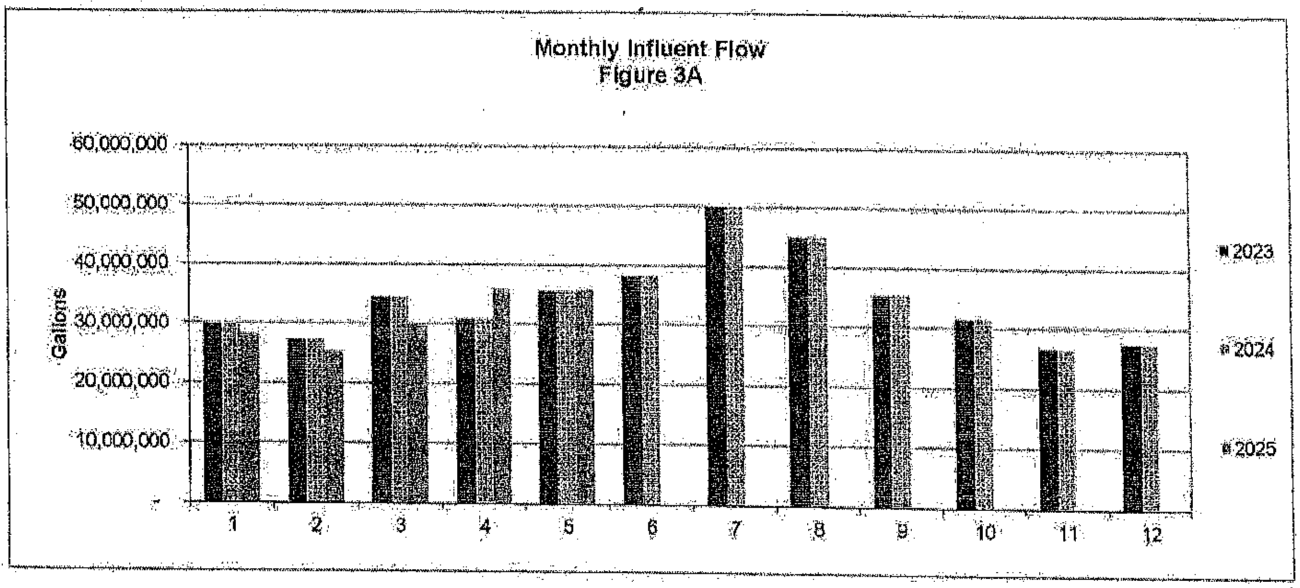

Effect of Rainfall on Flow
Figure 2
Inches
9
8
7
6
5
4
3
2
1
0
1
3
5
7
9
11
13
15
17
19
21
23
25
27
29
31
Rainfall
Combined

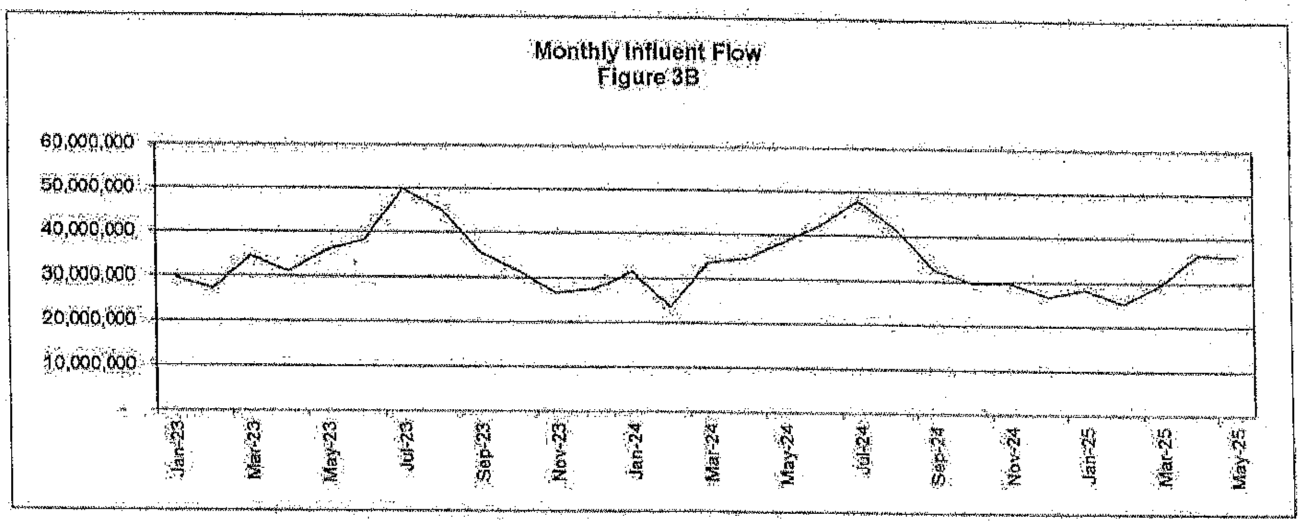
TABLE B
JOINT SEWER BOARD
Monthly Flows

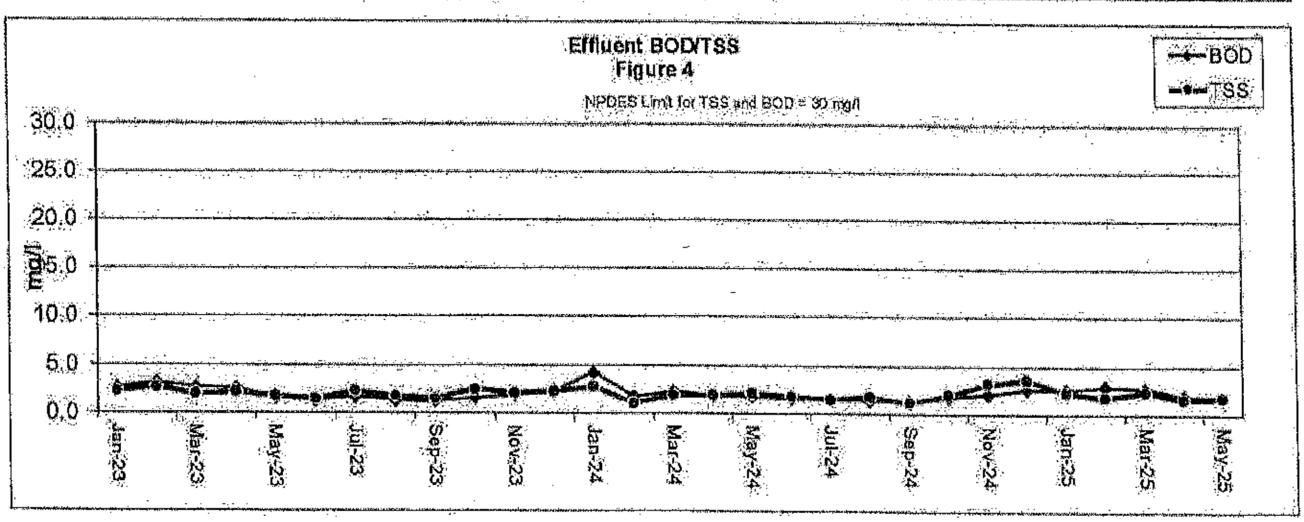
2023	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
January	2.8	25,972,000	87%	3,812,000	13%	29,784,000	100%
February	3.9	23,448,000	86%	3,820,000	14%	27,268,000	100%
March	6.2	29,920,000	87%	4,559,000	13%	34,479,000	100%
April	1.3	26,903,000	87%	4,085,000	13%	30,988,000	100%
May	2.1	29,783,000	83%	5,950,000	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	2.2	25,057,000	84%	4,737,000	16%	29,794,000	100%
April	8.4	29,784,000	83%	6,285,000	17%	36,069,000	100%
May	3.8	30,029,000	84%	5,882,000	16%	35,911,000	100%
June							0%
July							0%
August							0%
September							0%
October							0%
November							0%
December							0%
	19.5	130,707,000	84%	24,583,000	16%	155,290,000	100%


Monthly Influent Flow
Figure 3A
Gallons
60,000,000
50,000,000
40,000,000
30,000,000
20,000,000
10,000,000
-
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
Mar-25
May-25

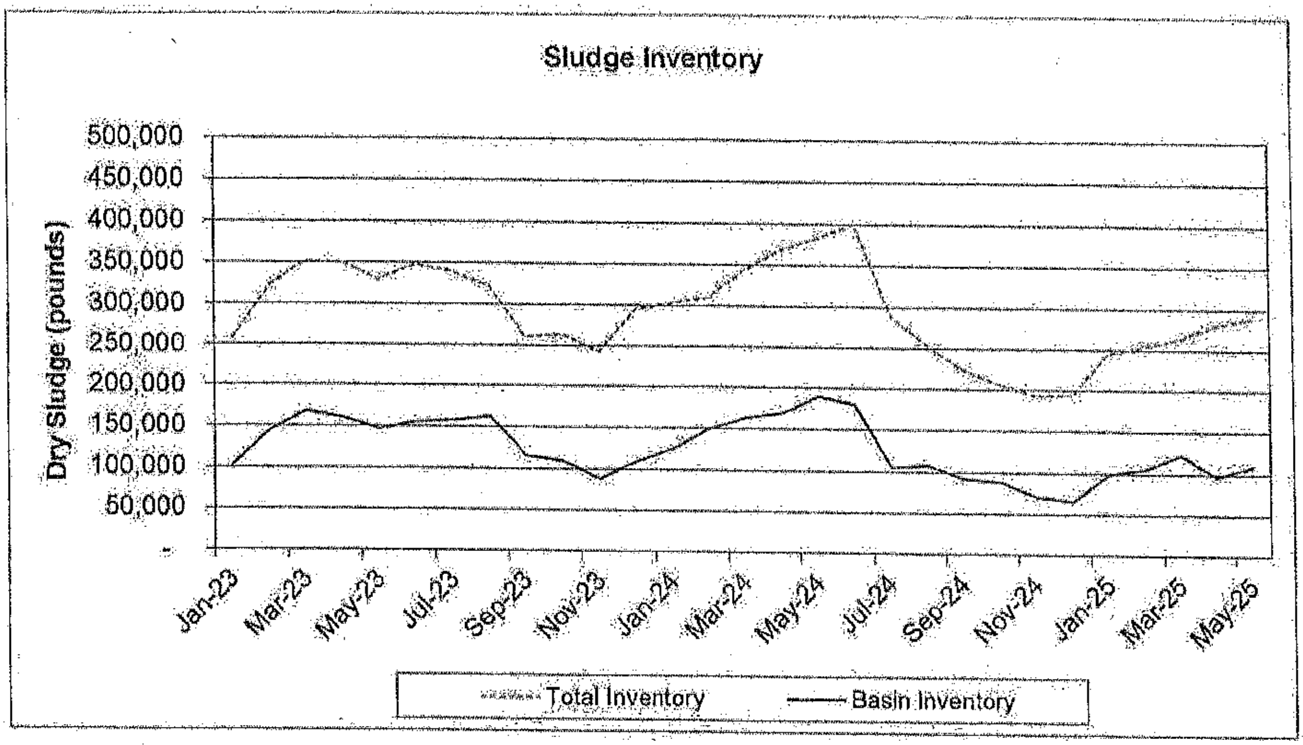

Effluent BOD/TSS
Figure 4
NPDES Limit for TSS and BOD = 30 mg/l
BOD
TSS
mg/l
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Jan-23
Mar-23
May-23
Jul-23
Sep-23
Nov-23
Jan-24
Mar-24
May-24
Jul-24
Sep-24
Nov-24
Jan-25
Mar-25
May-25

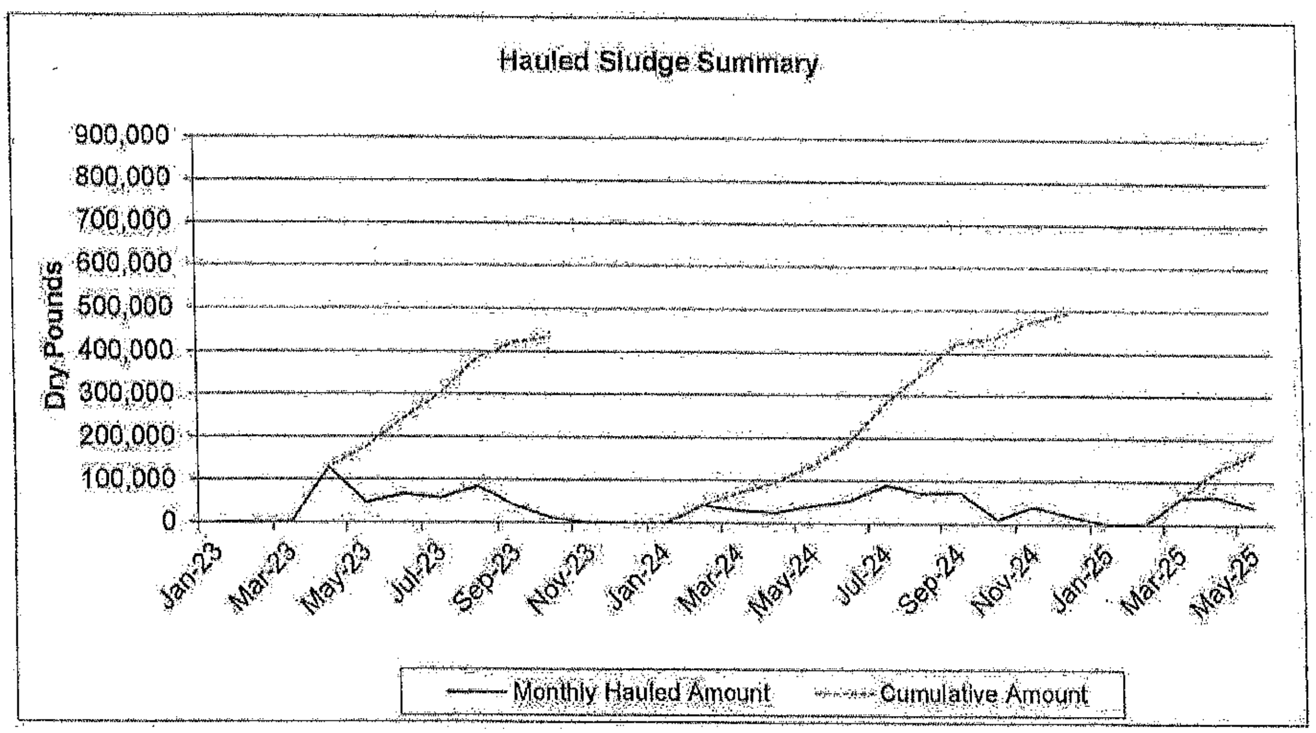
	Hauled Sludge				
	Loads	Gallons	# Dry	% Solids	Annual Cumulative # Dry
Jan-23	0	-	0	3.2%	
Feb-23	0	-	0	3.2%	-
Mar-23	0	-	0	3.2%	-
Apr-23	116	417,000	129,223	3.7%	129,223
May-23	48	172,800	46,747	3.2%	175,970
Jun-23	58	208,800	65,362	3.8%	241,332
Jul-23	51	183,600	58,307	3.8%	299,639
Aug-23	74	266,400	83,587	3.8%	383,226
Sep-23	34	122,400	39,271	3.8%	422,497
Oct-23	9.5	34,200	11,124	3.9%	433,621
Nov-23	0	-	0	3.9%	
Dec-23	0	-	0	3.9%	-
Jan-24	0	-	0	3.9%	-
Feb-24	36	129,600	40,863	3.8%	40,863
Mar-24	25	90,000	29,724	4.0%	70,587
Apr-24	23	82,800	24,950	3.6%	95,537
May-24	36	129,600	40,472	3.7%	136,009
Jun-24	50	180,000	53,413	3.6%	189,422
Jul-24	81	291,600	90,582	3.7%	280,004
Aug-24	70	252,000	71,427	3.4%	351,431
Sep-24	69	248,400	72,838	3.5%	424,269
Oct-24	11	39,600	11,109	3.4%	435,378
Nov-24	36	129,600	40,233	3.7%	475,611
Dec-24	17	61,200	17,624	3.5%	493,235
Jan-25	0	-	0	3.5%	
Feb-25	0	-	0	3.5%	-
Mar-25	54	194,400	62,293	3.8%	62,293
Apr-25	54	194,400	63,862	3.9%	126,155
May-25	42	151,200	41,043	3.3%	167,198

	Basin Depths				
	Tank #1	Tank #2	AB #1	Basin Gallons	# Dry
Jan-23	5.0	3.5	0.0	382,500	102,082
Feb-23	6.5	5.5	0.0	540,000	144,115
Mar-23	7.0	7.0	0.0	630,000	169,134
Apr-23	7.5	4.0	0.0	517,500	160,367
May-23	8.0	8.0	0.0	540,000	146,084
Jun-23	8.0	5.0	0.0	495,000	154,953
Jul-23	6.0	5.0	0.0	495,000	157,200
Aug-23	7.0	4.5	0.0	517,500	162,373
Sep-23	7.5	0.5	0.0	360,000	115,503
Oct-23	7.5	0.0	0.0	337,500	109,776
Nov-23	3.0	3.0	0.0	270,000	87,820
Dec-23	4.5	3.0	0.0	337,500	109,775
Jan-24	5.5	3.0	0.0	382,500	124,412
Feb-24	7.0	3.5	0.0	472,500	148,980
Mar-24	7.0	4.0	0.0	495,000	163,482
Apr-24	5.5	7.0	0.0	562,500	169,497
May-24	7.0	6.5	0.0	607,500	189,713
Jun-24	7.0	6.5	0.0	607,500	180,269
Jul-24	3.0	4.5	0.0	337,500	104,840
Aug-24	4.0	4.5	0.0	352,500	106,416
Sep-24	4.0	3.0	0.0	315,000	92,367
Oct-24	3.5	3.5	0.0	315,000	88,367
Nov-24	2.0	3.0	0.0	225,000	69,849
Dec-24	2.0	3.0	0.0	225,000	64,794
Jan-25	5.0	2.5	0.0	337,500	98,516
Feb-25	6.0	2.0	0.0	360,000	105,084
Mar-25	6.5	2.0	0.0	382,500	122,567
Apr-25	4.0	2.5	0.0	292,500	96,089
May-25	4.0	5.0	0.0	405,000	109,937

	Blanket Depths			MLSS Inventory		Blanket and MLSS Inventory		MLSS	Total Dry
	Clarf #1	Clarf #2	Clarf #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	Sludge Inventory
Jan-23	1.0	1.0	0.0	4,880	5,380	3,635,524	155,543	0.0051	257,525
Feb-23	2.0	2.0	0.0	6,080	5,570	3,671,048	177,882	0.0058	321,997
Mar-23	1.0	2.0	1.0	5,310	6,640	3,696,714	184,213	0.0060	352,347
Apr-23	1.0	1.0	1.0	6,200	6,170	3,678,952	189,771	0.0062	350,138
May-23	0.5	9.0	0.5	5,120	6,530	3,790,453	184,142	0.0058	330,226
Jun-23	1.5	4.0	0.5	6,020	6,440	3,719,405	193,254	0.0062	348,207
Jul-23	2.0	3.5	0.5	6,030	5,710	3,719,405	182,086	0.0059	339,287
Aug-23	1.0	1.0	0.5	5,600	4,910	3,657,238	160,285	0.0053	322,658
Sep-23	1.0	1.0	0.5	4,780	4,750	3,657,238	145,339	0.0048	260,842
Oct-23	0.5	0.5	0.5	4,530	5,660	3,639,476	154,650	0.0051	264,426
Nov-23	2.0	2.0	0.5	4,550	5,540	3,692,762	155,374	0.0050	243,194
Dec-23	1.0	3.0	0.0	5,730	6,450	3,671,048	166,455	0.0061	296,230
Jan-24	1.0	5.0	0.0	5,470	6,100	3,706,572	176,831	0.0058	303,249
Feb-24	0.5	1.0	0.0	5,120	5,530	3,626,643	161,061	0.0053	310,041
Mar-24	4.0	5.0	0.0	5,960	5,540	3,759,858	180,304	0.0058	343,786
Apr-24	1.5	0.5	0.5	5,770	7,270	3,657,238	198,869	0.0065	368,366
May-24	6.0	2.5	0.5	6,800	5,623	3,772,691	192,561	0.0061	382,274
Jun-24	3.0	6.0	1.5	6,690	7,100	3,825,000	219,954	0.0069	400,223
Jul-24	1.0	1.0	0.5	5,860	6,280	3,657,238	184,838	0.0061	289,679
Aug-24	1.0	5.0	0.5	4,810	4,760	3,728,286	145,675	0.0047	254,091
Sep-24	1.0	0.0	0.5	4,410	4,260	3,639,476	131,885	0.0043	224,252
Oct-24	0.5	0.5	0.5	3,810	4,150	3,639,476	117,771	0.0039	206,136
Nov-24	0.5	0.5	0.0	3,840	4,340	3,617,762	123,404	0.0041	196,253
Dec-24	0.5	0.5	0.0	4,150	4,450	3,617,762	129,740	0.0043	194,534
Jan-25	0.5	0.5	0.0	4,490	4,480	3,617,762	146,335	0.0049	244,851
Feb-25	0.5	1.0	0.0	4,980	4,880	3,626,643	149,114	0.0049	254,198
Mar-25	0.5	0.5	0.5	5,090	4,270	3,639,476	142,050	0.0047	264,520
Apr-25	2.0	2.0	0.5	6,180	5,830	3,692,762	164,940	0.0060	281,028
May-25	1.5	1.0	0.5	5,700	6,020	3,866,119	179,172	0.0059	289,109

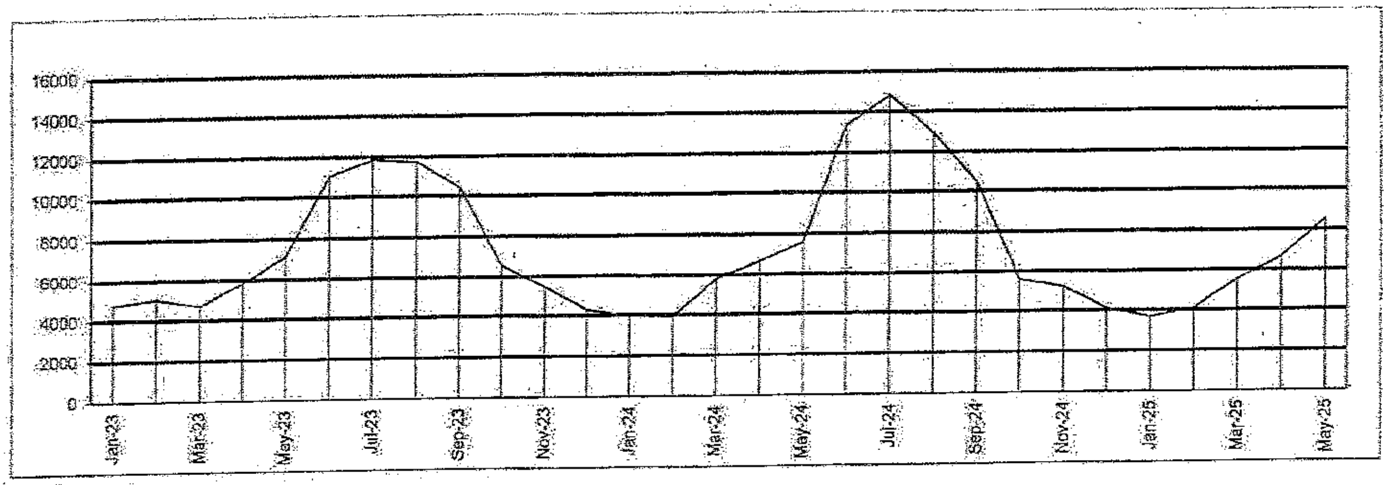
	Accepted Septage	
	Loads	Gallons
Jan-23	35	74,500
Feb-23	36	87,500
Mar-23	59	115,500
Apr-23	82	171,500
May-23	49	102,500
Jun-23	59	131,500
Jul-23	61	120,500
Aug-23	27	66,500
Sep-23	84	164,000
Oct-23	40	85,500
Nov-23	30	59,000
Dec-23	29	77,000
Jan-24	23	43,000
Feb-24	21	40,000
Mar-24	21	51,500
Apr-24	56	122,000
May-24	48	119,000
Jun-24	78	175,000
Jul-24	48	93,500
Aug-24	81	168,500
Sep-24	83	181,000
Oct-24	72	145,500
Nov-24	29	65,000
Dec-24	50	112,000
Jan-25	32	76,500
Feb-25	31	69,000
Mar-25	20	47,500
Apr-25	44	98,500
May-25	42	94,000


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

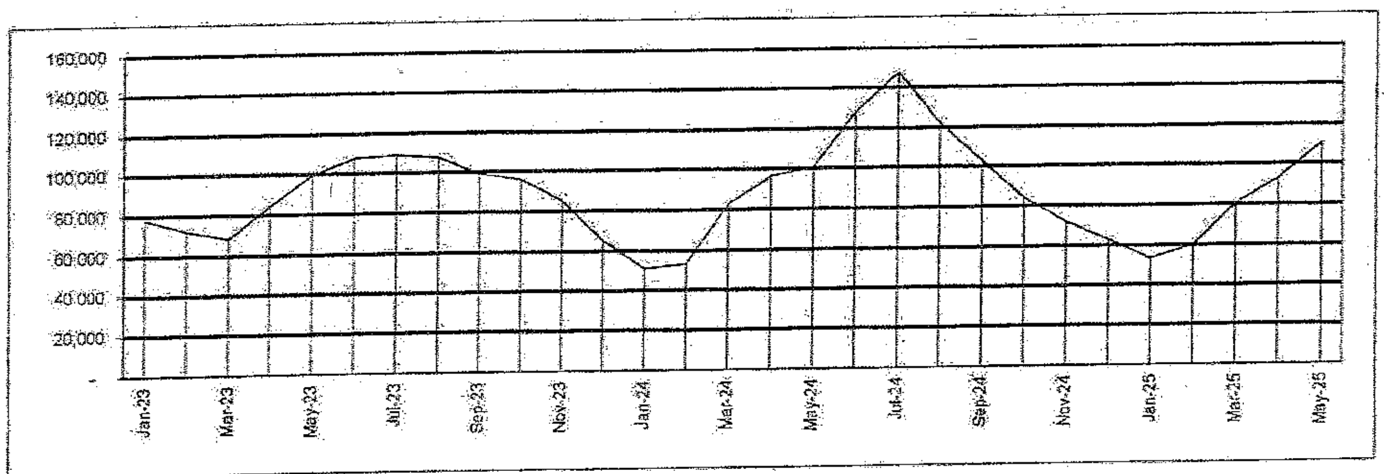

Hauled Sludge Summary
Dry Pounds
900,000
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
Jan-23
Mar-23
May-23
Jul-23
Sep-23
Nov-23
Jan-24
Mar-24
May-24
Jul-24
Sep-24
Nov-24
Jan-25
Mar-25
May-25
Monthly Hauled Amount
Cumulative Amount

	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
Mar-25	5558	80,443
Apr-25	6621	92,938
May-25	8521	110,420

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	5.9	2.9
Apr-23	6.0	3.2	Apr-24	5.5	2.1	Apr-25	5.2	4.1
May-23	5.6	1.9	May-24	5.2	3.6	May-25	6.1	4.9
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.	4.9	3.7

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
May-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				17.9	1.560	7.8				9.4		19.0		
2	7.0				17.1	1.432	7.8				9.5		18.4		
3	7.0				16.6	1.363	7.7				9.7		17.8		
4	7.0				16.3	1.434	7.7				9.8		17.0		
5	6.8				17.2	1.251	7.7				9.8		17.3		
6	7.2				17.5	1.170	8.0				9.7	≤ 20	17.7		
7	7.0			20.3	18.0	1.132	8.0			0.09	9.6		18.3		
8	6.9				17.5	1.668	7.7				9.6		17.8		
9	6.9	270	292		17.9	1.553	7.8	2.0	1.7		9.6		18.6	99.3	99.4
10	7.1				16.6	1.321	8.1				9.8		16.7		
11	7.0				17.2	1.291	7.8				9.6		17.6		
12	7.0				18.4	1.203	8.0				9.5	≤ 20	19.1		
13	6.9				18.4	1.212	8.1				9.3		19.4		
14	6.9			32.6	19.0	1.251	8.1			0.13	9.0		20.2		
15	7.0				20.2	1.301	8.1				9.0		21.5		
16	7.3	245	318		19.2	1.365	8.1	1.8	2.2		8.9		20.4	99.3	99.3
17	7.0				18.3	1.415	7.8				9.3		20.0		
18	6.9				19.8	1.506	7.8				9.0		20.4		
19	6.8				19.7	1.402	7.7				9.0		20.8		
20	7.0				19.7	1.621	7.8				9.0	≤ 20	20.5		
21	7.0			27.3	19.8	1.365	7.8			0.05	9.3		20.0		
22	7.1				18.4	1.406	8.1				9.4		19.8		
23	7.0	216	274		18.5	1.466	7.9	1.5	1.9		9.4		19.4	99.3	99.3
24	7.1				18.8	1.640	8.2				9.3		19.2		
25	7.0				19.3	1.815	8.0				9.3		19.6		
26	7.3				18.1	1.358	7.9				9.3		19.0		
27	6.9				19.3	1.198	8.1				9.4		19.1		
28	6.9			41.4	20.1	1.747	7.7			0.3	9.4	≤ 20	19.7		
29	6.9	318	568		18.7	1.409	7.9	1.7	1.4		9.3		19.4	99.5	99.8
30	6.9				19.3	1.651	8.1				9.3		19.8		
31	7.0				19.4	1.585	7.7				9.3		20.1		
Total						44.191									
Avg		263	363	30.4	18.5	1.426		1.8	1.8	0.14	9.4	≤ 20	19.1	99.3	99.4
Min	6.8	218	274	20.3	16.3	1.132	7.7	1.5	1.4	0.05	8.9	≤ 20	16.7	99.3	99.3
Max	7.3	318	568	41.4	20.2	1.821	8.2	2.0	2.2	0.30	9.8	10.0	21.5	99.5	99.8

DATE	MONTHLY EFF MONITORING Phosphorus mg/L	TKN mg/L	Nitrite+Nitrate mg/L	QUARTERLY EFF MONITORING Oil & Grease mg/L	TR. Cadmium mg/L	Selenium mg/L	Hardness mg/L	MONTHLY INF MONITORING Phosphorus mg/L	TKN mg/L	Nitrite+Nitrate mg/L
1										
2										
3										
4										
5										
6										
7	4.90	< 0.130	10.1					6.08	45.6	0.211
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Total	4.9	< 0.130	10.1					6.08	45.6	< 0.211
Avg	4.9	< 0.130	10.1					6.08	45.6	0.211
Min	4.9	< 0.130	10.1					6.08	45.6	0.211
Max	4.9	< 0.130	10.1					6.08	45.6	0.211

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

DATE May-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		1.2	5,720	530	19.0	1.3	6,380	640	19.1	64	0	7:30
2		1.8	5,770	590	18.4	1.6	6,450	700	18.6	57	0	7:30
3		1.0	5,630	580	17.9	2.1	5,660	600	18.0	54	0	7:30
4		1.8	5,940	640	17.2	3.1	5,330	580	17.2	46	0	7:30
5		2.0	6,030	620	17.3	2.1	5,520	560	17.4	51	0	7:30
6	7,566	1.6	5,620	580	17.8	1.6	5,770	650	17.8	52	0	7:30
7	7,356	2.2	5,350	530	18.4	2.0	5,960	670	18.3	62	0	7:30
8		1.0	5,410	590	18.0	1.0	5,970	660	17.6	61	1.4	7:30
9		1.9	5,590	570	18.9	1.4	6,010	680	18.9	57	0	7:30
10		4.0	3,860	480	17.3	2.1	5,730	680	17.5	50	0	7:30
11		3.4	5,300	600	17.7	1.9	6,140	700	17.8	60	0	7:30
12		1.8	6,220	650	19.0	1.8	5,290	600	18.9	58	0	7:30
13	7,206	1.2	5,800	700	19.4	1.5	4,580	580	19.3	64	0	7:30
14	6,305	1.5	3,780	580	20.4	1.6	5,340	690	20.2	64	0	7:30
15	6,305	1.3	5,020	570	21.7	1.2	5,580	680	21.2	67	0	7:30
16		1.4	6,150	670	20.3	1.6	5,800	670	20.2	59	0	7:30
17		1.7	6,260	700	20.1	1.9	5,700	640	19.9	64	0	7:30
18		1.2	6,010	660	20.9	1.4	5,830	600	20.5	64	0.4	7:30
19		1.3	5,960	690	21.1	1.4	6,010	690	20.6	68	0.25	7:30
20		1.7	5,750	620	20.4	1.6	6,220	720	20.4	64	1.0	7:30
21		2.1	5,380	530	19.9	1.6	6,330	740	20.0	58	0	7:30
22	6,125	2.5	5,800	640	19.8	1.5	5,510	650	19.8	57	0	7:30
23		2.5	5,890	670	19.4	2.1	5,990	700	19.5	53	0	7:30
24		2.4	6,100	670	19.1	2.6	5,810	660	19.1	61	0	7:30
25		2.1	6,120	700	19.6	2.6	5,780	630	19.6	63	0.1	7:30
26		2.3	6,030	710	18.6	1.9	5,800	630	18.7	57	0.1	7:30
27		1.2	5,680	730	19.2	1.2	5,740	640	19.2	60	0.1	7:30
28		1.1	6,020	680	20.0	1.2	5,760	670	19.9	63	0	7:30
29		1.3	6,240	700	19.4	1.3	6,080	700	19.5	61	0	7:30
30		1.3	6,210	730	20.0	1.3	5,810	680	19.8	57	0.4	7:30
31		1.2	5,700	630	20.1	1.5	6,020	680	20.0	62	0	7:30

COMMENTS:

TESTS PERFORMED BY (PRINT)	SIGNATURE	PHONE #	DATE
John Hornback	John Hornback	(573)365-0455	6/4/2025
REPORT APPROVED BY (PRINT)	**SIGNATURE**	**PHONE #**	**DATE**
Gary Hutchcraft	Gary Hutchcraft	(573)365-0455	6/4/2025

*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	
5/1/25	5/31/25
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	1.821	1.426	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	*****	2.0	1.8	mg/L	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Weekly	*****;*****	Weekly Avg.:45	Monthly Avg.:30		*****;*****	*****;*****	
Total Suspended Solids (TSS)	*****	2.2	1.8	mg/L	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Weekly	*****;*****	Weekly Avg.:45	Monthly Avg.:30		*****;*****	*****;*****	
Escherichia coli (E. coli)	*****	10.0	<20	#/100mL	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Grab Frequency: Weekly	*****;*****	7 Day Geo.:630	30 Day Geo. Mean:126		*****;*****	*****;*****	
Phosphorus, total (as P)	4.90	*****	4.90	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)	<0.130	*****	<0.130	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)	10.1	*****	10.1	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	0.30	*****	0.14	mg/L	*****	*****	*****

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

N)							
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Weekly	Daily Max.:12.1	*****;*****	Monthly Avg.:2.2		*****;*****	*****;*****	
pH	7.7	*****	8.2	SU	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Grab Frequency: Weekly	Minimum:6.0	*****;*****	Maximum:9.0		*****;*****	*****;*****	
BOD, 5-day, percent removal	*****	*****	99.3	%	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Calculated Frequency: Monthly	*****;*****	*****;*****	Monthly Avg Min.:85		*****;*****	*****;*****	
Suspended Solids, percent removal	*****	*****	99.3	%	*****	*****	*****
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	
5/1/25	5/31/25
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
BOD, 5-day, 20 deg. C	*****	*****	263	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	*****;*****	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Total Suspended Solids (TSS)	*****	*****	363	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	*****;*****	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Nitrogen, ammonia total (as N)	41.4	*****	30.4	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Phosphorus, total (as P)	6.08	*****	6.08	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)	45.6	*****	45.6	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)	0.211	*****	0.211	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	Submission Date	User Phone Number
Gary Hutchcraft	June 4, 2025	(573)365-0455

LAKE OZARK/OSAGE BEACH WWTP
Operation Report

for MAY 2025

DATE	INIT.														pH	TEMP
1	RL	0.196	1.010	1.208											7.02	17.9
2	RL	0.181	0.900	1.081											7.02	17.1
3	RL	0.213	0.983	1.196											6.96	16.6
4	RL	0.234	0.975	1.209											6.96	16.3
5	RL	0.173	0.867	1.038											6.80	17.7
6	JFH	0.140	0.801	0.931											7.16	17.5
7	JFH	0.135	0.809	0.944							30.7	6.08	45.6	0.211	7.01	18.0
8	RL	0.208	1.193	1.401											6.88	17.5
9	RL	0.201	1.079	1.280	267	265	270	259	200	292					6.94	17.9
10	JFH	0.182	0.910	1.092											7.13	16.6
11	JFH	0.193	0.865	1.058											6.98	17.2
12	JFH	0.166	0.786	0.952											6.95	18.4
13	JFH	0.140	0.791	0.931											6.90	18.4
14	JFH	0.140	0.826	0.966							32.6				6.58	19.5
15	JFH	0.140	0.875	1.014											6.91	20.2
16	JFH	0.163	0.944	1.107	295	271	245	278	306	318					7.25	19.2
17	RL	0.193	0.934	1.127											7.01	18.3
18	RL	0.194	1.034	1.228											6.91	19.8
19	RL	0.171	0.928	1.099											6.82	19.7
20	RG	0.206	1.276	1.482											6.95	19.7
21	RL	0.193	0.984	1.177							27.7				6.96	19.8
22	JFH	0.169	0.914	1.084											7.14	18.4
23	RL	0.178	0.965	1.143	241	237	215	202	239	274					6.93	18.5
24	JFH	0.220	1.136	1.356											7.13	18.8
25	JFH	0.279	1.231	1.510											7.90	19.3
26	JFH	0.313	0.780	1.092											7.71	18.1
27	JFH	0.211	0.716	0.927											6.87	19.9
28	RL	0.163	1.172	1.335							41.8				6.92	20.1
29	RL	0.160	0.989	1.148	205	280	318	262	290	368					6.94	18.7
30	RL	0.194	1.035	1.229											6.85	19.3
31	RL	0.203	1.106	1.305											6.97	19.4
TOTAL		5.882	30.025	35.911	1108	1053	1041	986	1034	1442	132.8	6.08	45.6	0.211	216.6	572.2
MAX		0.312	1.275	1.684	305	280	318	262	306	368	41.8	6.08	45.6	0.211	7.31	20.2
MIN		0.135	0.716	0.851	241	231	215	188	200	274	30.3	6.08	45.6	0.211	6.6	16.1
AVG		0.190	0.969	1.158	277	263	260	247	259	340	30.8	6.08	45.6	0.211	6.99	18.5

DATE	WEATHER															
1	O	0	64	5,720	330	93	7.26	1.2	6,330	630	100	7.25	1.3	1.0	2.0	1.0
2	O	0	57	5,720	590	102	7.32	1.8	6,450	700	109	7.21	1.6	1.0	1.5	1.0
3	C	10	51	5,610	590	103	7.18	1.0	5,660	600	106	7.21	2.1	1.0	1.0	0.5
4	C	0	46	5,940	640	108	7.27	1.8	5,330	580	109	7.33	2.1	1.0	1.0	0.5
5	C	0	51	6,200	620	103	7.10	2.0	5,520	560	101	7.32	2.4	1.0	1.0	0.5
6	PC	0	52	5,620	580	107	7.51	1.8	5,770	650	113	7.45	3.6	0.5	0.5	0.5
7	PC	0	82	5,350	526	99	7.24	2.2	5,960	670	112	7.18	2.0	0.5	1.0	0.5
8	O	1.4	61	5,310	590	109	7.16	1.0	5,970	660	115	7.11	1.0	2.0	1.0	0.5
9	C	0	57	5,990	570	102	7.20	1.9	6,012	690	113	7.11	1.4	1.0	1.0	0.5
10	C	0	50	3,960	480	124	7.58	2.0	5,730	690	119	7.38	2.1	0.5	0.5	0.5
11	C	0	60	5,300	600	113	7.20	3.4	6,150	700	114	7.19	1.9	1.5	0.5	0.5
12	PC	0	58	6,220	650	103	7.16	1.8	5,290	600	113	7.16	1.8	1.0	0.5	0.5
13	PC	0	63	5,800	700	121	7.24	1.2	4,590	580	127	7.23	1.5	0.5	0.5	0.5
14	C	0	64	5,780	580	113	7.39	1.5	5,340	690	129	7.49	1.6	1.0	0.5	0.5
15	C	0	67	5,020	570	114	7.24	1.1	5,560	690	122	7.21	1.3	1.5	0.5	0.5
16	C	0	59	6,150	670	109	7.27	1.4	5,800	670	116	7.25	1.6	2.0	1.0	0.5
17	C	0	64	6,560	700	156	7.31	1.9	5,700	640	112	7.29	2.9	0.5	0.5	0.5
18	C	0.4	64	6,010	660	110	7.25	1.2	5,850	650	112	7.31	2.4	2.0	2.0	0.5
19	C	0.25	68	5,960	690	116	7.44	1.3	6,010	690	115	7.47	1.4	2.0	0.5	0.5
20	PC	1.0	64	5,750	620	109	7.35	1.7	6,220	730	116	7.30	1.6	3.0	2.5	0.5
21	C	0	58	5,360	530	99	7.26	2.1	6,330	740	122	7.42	1.6	1.0	0.5	0.5
22	C	0	57	5,800	640	110	7.45	2.5	5,533	650	118	7.41	1.5	1.0	0.5	0.5
23	C	0	47	5,400	620	114	7.24	2.5	5,900	700	117	7.35	2.1	1.0	1.0	0.5
24	O	0	61	6,100	670	110	7.35	2.4	5,810	690	114	7.32	2.6	1.0	1.0	0.5
25	O	0.1	63	6,120	700	114	7.28	2.1	5,760	600	109	7.30	2.5	1.0	1.0	0.5
26	O	0.1	57	6,330	710	118	7.37	2.3	5,800	630	109	7.30	1.9	0.5	0.4	0.5
27	O	0.1	66	5,580	575	120	7.24	1.2	5,740	640	111	7.22	1.2	1.0	0.5	0.5
28	O	0	63	6,030	680	113	7.38	1.1	5,760	670	116	7.30	1.2	2.0	1.0	0.5
29	O	0	61	6,240	700	112	7.33	1.3	6,090	700	115	7.47	1.3	3.0	1.0	0.5
30	C	0.4	57	6,210	730	118	7.45	1.1	5,810	680	127	7.33	1.3	1.5	1.0	0.5
31	TE	0	62	5,700	630	117	7.45	1.2	6,020	680	113	7.39	1.5	3.5	1.0	0.5
TOTAL		3.75	1818	176,320	19,340	3,448	227	55.4	179,900	20,420	3,524	226	57.9	38	29.5	16.5
MAX		1.4	68	6,260	730	133	7.58	4.0	6,450	740	129	7.49	3.3	3.0	3.5	1.0
MIN		0	46	3,280	480	77	7.16	1.0	4,580	560	100	7.11	1.0	0.5	0.5	0.5
AVG		0.12	59	5,688	670	111	7.32	1.8	5,803	659	114	7.30	1.7	1.2	0.9	0.5

DATE																				
1	1,360	7.76			9.4		19.0										1.219	9,945		
2	1,432	7.75			9.5		18.4										1.197	10,879	30,000	8,563
3	1,363	7.71			9.3		17.8										0.968	9,215		
4	1,434	7.69			9.8		17.0										1.142	8,715		
5	1,251	7.76			9.8		17.3										1.085	10,445		
6	1,170	8.02			9.7		17.7	<20									1.148	11,590	35,000	4,350
7	1,131	7.92			9.6	0.00	18.3		4.90	0.130	10.1						1.251	8,350		
8	1,668	7.65			9.6		17.8										1.158	10,640		
9	1,553	7.76	2.0	2.7	9.6		18.6										1.327	8,065	35,000	3,750
10	1,321	8.17			9.8		16.7										1.042	8,775		
11	1,291	7.93			9.6		17.6										1.037	7,560		
12	1,203	7.98			9.5		19.1	<20									1.043	15,930		
13	1,212	8.01			9.9		19.4										1.374	10,275		
14	1,231	8.05			9.0	0.12	20.2										1.400	9,080		
15	1,301	8.07			9.0		21.5										1.354	9,865		
16	1,365	8.09	1.8	2.2	9.9		20.4										1.349	9,030		
17	1,415	7.82			9.3		20.0										1.381	9,610		
18	1,506	7.76			9.0		20.4										1.369	9,185		
19	1,402	7.69			9.0		20.8										1.477	9,125		
20	1,821	7.82			9.0		20.5	<20									1.396	10,315	30,000	7,542
21	1,365	7.81			9.3	0.05	20.0										1.415	9,925		
22	1,406	8.07			9.4		19.8										1.356	10,345		
23	1,466	7.89	1.5	1.9	9.4		19.4										1.393	9,960	35,000	3,718
24	1,640	8.19			9.3		19.2										1.384	7,755		
25	1,415	7.97			9.3		19.6										1.428	6,100		
26	1,338	7.92			9.3		19.0										1.430	9,001		
27	1,298	8.05			9.4		19.4										1.455	8,810		
28	1,347	7.71			9.4	0.3	19.7	<20									1.452	10,880	35,000	4,083
29	1,409	7.91	1.7	1.4	9.3		19.4										1.441	6,350		
30	1,551	8.07			9.3		19.8										1.292	10,225	35,000	3,804
31	1,390	7.68			9.1		20.1										1.307	5,995		
TOTAL	44,191	245	7.0	7.2	291	0.47	592	<20	4.9	0.130	10.1	0	0	0	0	0	40.204	292,799	205,000	35,671
MAX	1,821	8.19	2.0	2.7	9.9	0.05	21.5	<20	4.9	0.130	10.1	0	0	0	0	0	1.596	15,930	35,000	8,563
MIN	1,131	7.65	1.5	1.4	9.0	0.00	16.7	<20	4.9	0.130	10.1	0	0	0	0	0	0.968	6,100	35,000	2,739
AVG	1,426	7.89	1.8	1.9	9.4	0.14	19.1	<20	4.9	0.130	10.1	0.0	0.0	0.0	0.0	0.0	1.300	9,445	33,857	5,090

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

Prepared by: RL, JFH & DH

Approved by: DH

Date 6/4/2025

WATER RESOURCES
Alliance
Professional Water and Wastewater Operations

Bids for the installation of the parts/items/hardware needed to convert both Bar Screens from ½ inch openings to ¼ inch openings.

Bidder	Remaining Budget	Total Bid
SRI-MO	$22,927.00	$28,850.00
QM, Quality Mechanical	"	$24,020.00
PMF, Professional Metal Fabricators	"	$22,858.30

	A	B	C	D	E	F	G	H	I	J
3	Exp. / Years	Project Name	al CY:			FY26	FY27	FY28	FY29	FY30
4						106%	109%	112%	115%	118%
5		**UV System**								
6	3	UV Wiper Cylinders -1					$ 3,270			$ 3,540
7	3	UV Wiper Cylinders -2						$ 3,360		
8	3	UV Wiper Cylinders -3							$ 3,450	
9	3	UV Wiper Cylinders -4								$ 3,540
10	3	UV Wiper Cylinders -5								
11	3	UV Wiper Cylinders -6								
12	2	UV Air Dryer System						$ 2,240		
13	3	Wiper sleeves (144)					$ 3,815			$ 4,130
14	1.25	Bulbs (72)				$ 5,300	$ 5,450	$ 5,600	$ 5,750	$ 5,900
15	1.25	Quartz Sleeves (72)				$ 7,950	$ 8,175	$ 8,400	$ 8,625	$ 8,850
16	30	Main Control Center w/battery back up								$ 324,500
17	30	Outdoor electrical/air junction box at UV modules						$ 84,000		
18	20	UV Modules -1					$ 31,610			
19	20	UV Modules -2						$ 32,480		
20	20	UV Modules -3							$ 33,350	
21	20	UV Modules -4								$ 34,220
22	20	UV Modules -5								
23	20	UV Modules -6								
24		**RAS Pumps & Motors**								
25	15	RAS Pump/Motor #1						$ 66,173		
26	15	RAS Pump/Motor #2								
27	15	RAS Pump/Motor #3								
28	15	RAS Pump/Motor #4								
29	15	RAS Pump/Motor #5						$ 66,173		
30		**RAS BUILDING PIPE GALLERY & VALVES**								
31	30	8" Manual Globe Valves					$ 3,815			
32	5	RAS Pipe Gallery Valve Painting							$ 34,500	
33	30	Checkvalve #1						$ 4,200		
34	30	Checkvalve #2								
35	30	Checkvalve #3								

	A	B	C	D	E	F	G	H	I	J
36	30	Checkvalve #4								
37	30	Checkvalve #5						$ 4,200		
38	15	RAS Builidng Electrical Panel								
39	15	RAS Pump Control Panels				$ 26,500				
40	30	8" RAS Auma Electric Regulating Valve					$ 10,900			
41	30	8" RAS Auma Electric Regulating Valve					$ 10,900			
42		**Clarifiers**								
43	5	Sandblasting & Painting of all metal parts inside Clarifiers #1				$ 79,500				
44	5	Sandblasting & Painting of all metal parts inside Clarifiers #2					$ 81,750			
45	5	Sandblasting & Painting of all metal parts inside Clarifiers #3							$ 86,250	
46	20	Main Gear Drive #1						$ 84,000		
47	20	Main Gear Drive #2								
48	20	Main Gear Drive #3					$ 81,750			
49	20	Gear Drive Motor #1				$ 2,650				
50	20	Gear Drive Motor #2				$ 2,650				
51	20	Gear Drive Motor #3				$ 2,650				
52	30	Ducking skimmer #1								
53	30	Ducking skimmer #2				$ 15,900				
54	30	Clarifier #3 skimmer arm mechanisms				$ 7,950				
55	30	Ducking skimmer arm 1 bushings, piping and replacement parts				$ 7,950				
56	30	Ducking skimmer arm 2 bushing, piping and replacement parts				$ 7,950				
57	30	Rotating framework for upper & lower rake assembly w/brass squeegees -1				$ 53,000				
58	30	Rotating framework for upper & lower rake assembly w/brass squeegees - 2				$ 53,000				
59	30	Rotating framework for upper & lower rake assembly w/brass squeegees - 3				$ 53,000				
60	5	Replace outer gasket on rotating ducking skimmer trough on Clarifiers 1							$ 2,875	
61	5	Replace outer gasket on rotating ducking skimmer trough on Clarifiers 2							$ 2,875	
62		**Sludge Basins**								
63	20	Aerator Motor				$ 8,480				
64	20	Aerator Blower				$ 15,900				
65	20	EDI Large Bubble Diffusers					$ 38,150			
66		**Pista Grit System**								
67	20	Pista Grit Pump & Motor				$ 21,200				
68	20	Gearbox drive motor				$ 2,650				
69	20	Grit lift tube				$ 6,360				

	A	B	C	D	E	F	G	H	I	J
70	10	Regulating valve				$ 1,908				
71	10	Main Electrical panel				$ 15,900				
72	10	Secondary electrical panel & controls				$ 3,180				
73	10	vac / pressure pumps				$ 4,240				
74		**Bar Screens**								
75	30	Bar Screen #1								
76	30	Bar Screen #2								
77	10	#1 Control Panel				$ 10,600				
78	10	#2 Control Panel					$ 10,900			
79		**Oxidation Ditch Aerators**								
80	20	Gearbox #1								
81	20	Gearbox #2				$ 95,400				
82	20	Gearbox #3					$ 98,100			
83	20	Gearbox #4						$ 100,800		
84	20	Gearbox #5							$ 103,500	
85	20	Gearbox #6								$ 106,200
86	20	Motor #1								
87	20	Motor #2				$ 26,500				
88	20	Motor #3					$ 27,250			
89	20	Motor #4						$ 28,000		
90	20	Mototr #5							$ 28,750	
91	20	Mototr #6								$ 29,500
92	20	Main electrical panel							$ 86,250	
93	10	Grit Removal Ditch #1						$ 168,000		
94	10	Grit Removal Ditch #2							$ 172,500	
95		**Sludge Decant LS**								
96	15	Pump #1								
97	15	Pump #2				$ 10,600				
98	15	Electrical Panel & Controls				$ 7,950				
99		**Upper LS Near Ditch**								
100	15	Pump #1								
101	15	Pump #2								
102	15	Electrical Panel & Controls				$ 7,950				
103		**Sludge Truck**								

	A	B	C	D	E	F	G	H	I	J
104	10	Sludge Truck								
105	5	Tires							$ 6,900	
106		**Emergency Stanby Generator**								
107	20	Generator & Transfer Switch								
108		**Riding Lawnmower**								
109	5	Zero Turn					$ 10,900			
110		**Non-Potable Pumps & Pressure Tanks**								
111	20	Non-potable pump & tank#1 w/ shared control panel					$ 38,150			
112	20	Non-potable pump & tank #2					$ 38,150			
113	15	Control Panel					$ 8,175			
114		**Well House Pump**								
115	25	Submersible deep well pump & pressure tank								
116		**Flow Meters**								
117	10	Effluent w/ transducer								
118	10	Lake Ozark w/ transducer								
119	10	Osage Beach w/ transducer								
120	10	RAS #1								
121	10	RAS #2								
122		**Lab Equipment**								
123	10	BOD Incubator								
124	10	TSS Incubator				$ 3,180				
125	10	Coliform Incubator				$ 3,180				
126	10	Benchtop BOD meter & Probe							$ 4,025	
127	10	Portable DO meter & probe								
128	10	Ammonia meter & probe				$ 3,710				
129	10	pH meter & probe				$ 3,710				
130		**Parking Lot**								
131	5	Clean, hot tar & sealcoat						$ 3,360		
132										
133		**ANNUAL TOTAL:**				**$ 578,548**	**$ 511,210**	**$ 660,986**	**$ 579,600**	**$ 520,380**