

**OSAGE BEACH / LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
June 18th, 2024 @ 4:00 p.m.
LAKE OZARK CITY HALL**

1. CALL TO ORDER

2. ROLL CALL

Mayor, Michael Harmison
Mayor, Dennis Newberry
City Administrator, Harrison Fry
City Administrator, Jeana Woods
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: May 21st, 2024 **1-2**

5. REPORTS

Bills List **6-8**
Revenue Budget Analysis **9**
Expenditure Budget Analysis **10**
Income & Expense Summary **11**

6. ALLIANCE REPORT OF OPERATIONS **12-30**

7. APPROVAL OF FLOW CHARTS

8. OLD BUSINESS

A. Board update.

9. NEW BUSINESS

A. Update on replacement capital program.

10. ADDITIONAL DISCUSSION ITEMS

11. ADJOURNMENT

LAKE OZARK-OSAGE BEACH JOINT SEWER BOARD

Meeting Minutes – May 21st, 2024

CALL TO ORDER:

Mayor Harmison called the meeting to order at 4:00 pm on Tuesday, May 21st, 2024, at Lake Ozark City Hall.

ROLL CALL:

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

MINUTES:

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

REPORTS:

March and April

- Bill List
- Revenue Budget Analysis
- Expenditure Budget Analysis
- Income & Expense Summary

A motion was made by Alderman, Pat Thompson to approve the Bills List, Revenue Budget Analysis and Expenditure Budget Analysis. The motion was seconded City Administrator, Harrison Fry and passed unanimously.

ALLIANCE REPORT OF OPERATIONS:

Alliance Report of Operations: The average daily incoming flow for March was 1.078 mgd. And 1.148 mgd for April. We had 5.1 inches of precipitation measured at the WWTP for March. We had 7.3 inches for April.

Operationally, the plant's discharge was excellent, with an effluent monthly average BOD of 2.3 mg/l and TSS of 1.9 mg/l respectively for March which represents a 99.1 + % or better removal and an effluent monthly average of BOD of 1.9 mg/l and TSS of 1.9 mg/l respectively for April which represents a 99.3 + % or better removal for April.

The MLSS average for both aeration basins for March was 5,627 mg/l and for April was 5,840 mg/l/. The total dry weight sludge inventory for March totaled 343,786 pounds and April was 368,366 pounds. There were 25 loads of biosolids, or 90,000 gallons land applied for March and 23 loads of biosolids, or 82,800 gallons land applied for April. We received 21 loads of loads of septage or 51,500 gallons for March and 56 loads of septage or 122,000 gallons for April.

APPROVAL OF FLOW CHART:

City Administrator, Harrison Fry motioned to approve the flow charts. The motion was seconded by Resident Member, Mr. Gary Hamner and passed unanimously.

OLD BUSINESS:

- A. Board Representative Update. Business as usual at the plant.

NEW BUSINESS:

- A. Request for a 30-day project extension for the RAS pump replacement project. A motion was made by Alderman, Pat Thompson to approve the 30-day extension. Her motion was seconded by Public Works Director, Matt Michalik and passed unanimously.
- B. Reviewed and discussed the annual meeting to be held in May each year. Article VII.
- C. Discussion and vote to elect a Chair, Vice Chair, Secretary, and a Treasure. Article IV. A motion was made by Alderman, Kevin Rucker to elect Mayor, Dennis Newberry for Chair, Mayor, Michael Harmison for Vice Chair, City Administrator, Harrison Fry for Secretary and City Administrator, Jeana Woods for Treasurer. Alderman, Pat Thompson seconded the motion and it passed unanimously.
- D. Discussion and set the meeting dates, times, and locations for June 2024 to May 2025. Article VIII. Alderman, Kevin Rucker made a motion to have the Joint Sewer Board meeting on the third Tuesday at 4:00 p.m. for the month(s) of June, July, August, October, November, January, March, April and May.
- E. Discussed of the Joint Sewer Board New Service area connection policy needs to be placed on the May agenda as it was mistakenly left off the April agenda final draft.
- F. Review of the Lake Ozark/Osage Beach 2023 Annual Audit.

ADDITIONAL DISCUSSION ITEMS:

ADJOURNMENT:

With no further business to discuss, a motion was made by Alderman, Pat Thompson to adjourn. Public Works Director, Matt Michalik seconded the motion. The meeting was adjourned at 4:41 pm.

Approved:

Michael Harmison, Mayor

Robin Craig, Clerk

JOINT SEWER BOARD
BILL LIST
JUNE 18, 2024

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	116.21
OPERATING FUND BILLS TO BE PAID:	\$	48,165.95
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	-
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$	-
TOTAL		\$ 48,282.16

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:			
Account	Paid To:	Description:	Amount:
4176	Allied Services	June	\$ 83.46
4176	AT&T	May	\$ 32.75
TOTAL			\$ 116.21

OPERATING FUND BILLS TO BE PAID:			
Account	Paid To:	Description:	Amount:
4000	Equipment Replacement Fund	Payment into ER Fund	\$ 8,750.00
4020	CED	Replacement Breakers	\$ 65.12
4020	John Henry Foster	Air Solenoid Valve for UV	\$ 234.22
4020	M/C QuickBooks	Accounting Software	\$ 30.00
4020	Menards	66654 Fittings for pressure washer	\$ 103.68
4020	Menards	97462 Pipe fitting for UV hose wand	\$ 3.39
4020	Menards	67726 Cleaner & fitting for RAS pumps	\$ 80.79
4020	Woodley Building Main.	Janitorial - June	\$ 330.00
4140	Lake Sun Leader	RFP Insurance	\$ 186.00
4150	Dam Steel	Steel plate for trk	\$ 6.00
4150	JBC Tire	Repair Valve Handle on Trk	\$ 174.95
4150	O'Reilly Auto	Gear Lube	\$ 128.39
4150	O'Reilly Auto	Gear lube and oil	\$ 188.95
4170	Alliance Water Resources Inc	June	\$ 30,321.00
4175	Ameren MO	11673321	\$ 7,435.21
4175	Ameren MO	98041275	\$ 128.25
TOTAL			\$ 48,165.95

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:			
Account	Paid To:	Description:	Amount:
4000			\$ -
TOTAL			\$ -

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:			
Account	Paid To:	Description:	Amount:
4000			\$ -
TOTAL			\$ -



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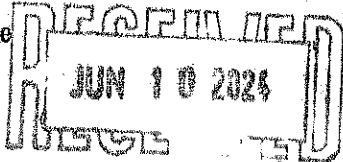
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Account Number 5580005920
Customer Name ALLIANCE WATER RESOURCES INC
Service Address 3 ANDERSON RD
LAKE OZARK, MO 65049

Current Detail for Statement 06/07/2024

Total Electric Charges \$128.25

Total Amount Due \$128.25



AMOUNT DUE \$128.25

Due Date 07/01/2024

Amount After Due Date \$129.53

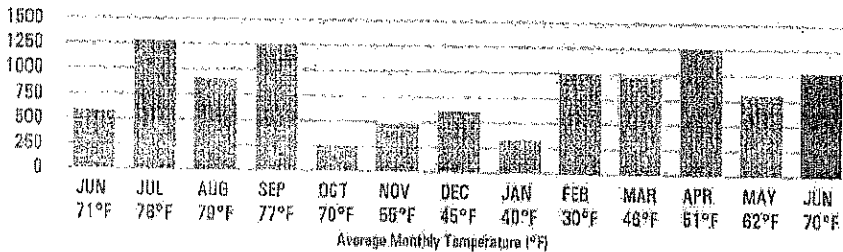
Previous Statement \$102.81

Total Payments \$102.81

Payment Received. Thank You.

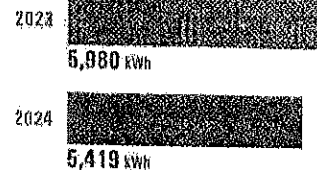
Electric Usage History

Electric Usage In Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year you're using **9.4% less** than the same time period last year.



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: *[Handwritten Signature]*

Date: 6/10/24

Keep this portion for your records.

See next page for service details.

Page 1 of 4



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Amount Due	Due Date
\$128.25	July 01, 2024
Delinquent Amount After Due Date	Account Number
\$129.53	5580005920

Amount Enclosed \$

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

AMEREN MISSOURI
PO BOX 88068
CHICAGO IL 60680-1068

70633000 0055800059200 000000128250 000000128250

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Electric Service Details

Service from 05/06/2024 - 06/05/2024 (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	5119.0000	4089.0000	1030.0000	1.0000	1030.0000
70843410	05/06 - 06/05	30	Peak kW	Actual	51.1570	0.0000	51.1570	1.0000	51.1570

Usage Summary

Total kWh	1030.0000	Summer kWh	172.0000
Non-Summer kWh	858.0000	Winter Base kWh	1000.0000
Current Base kWh	1000.0000	Summer Cur Base kWh	167.0000
Winter Cur Base kWh	833.0000	Seasonal kWh	30.0000
Summer Seasonal kWh	5.0000	Winter Seasonal kWh	25.0000

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

Threshold - Peak Demand

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Summer Total Energy Charge	172.00	kWh	@ \$ 0.11970000	\$20.59
Base Energy Charge	833.00	kWh	@ \$ 0.08940000	\$74.47
Seasonal Energy Charge	25.00	kWh	@ \$ 0.05160000	\$1.29
Customer Charge				\$23.07
Fuel Adjustment Charge	1,030.00	kWh	@ \$ 0.00279165	\$2.88
Energy Efficiency Investment Charge	1,030.00	kWh	@ \$ 0.00373800	\$3.85
Renewable Energy Adjustment	1,030.00	kWh	@ \$ 0.00204000	\$2.10
Total Service Amount				\$128.25
Total Electric Charges				\$128.25

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
May 28, 2024	\$102.81

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

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 Phone Number _____

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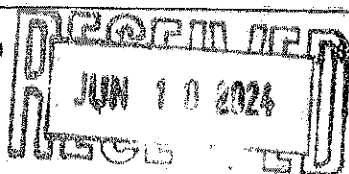
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Account Number: 4580005832
 Customer Name: ALLIANCE WATER RESOURCES INC
 Service Address: 3 ANDERSON RD, -
 LAKE OZARK, MO 65049

Current Detail for Statement 06/07/2024

Total Electric Charges \$7,435.21

Total Amount Due \$7,435.21



AMOUNT DUE \$7,435.21

Due Date 07/01/2024

Amount After Due Date \$7,509.56

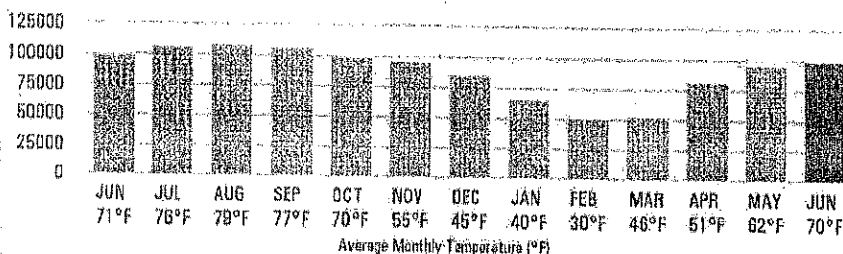
Previous Statement \$6,515.90

Total Payments \$6,515.90

Payment Received: Thank You

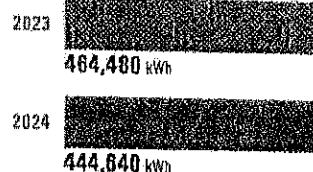
Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year you're using **4.3% less** than the same time period last year.



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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: 6/10/24



» See next page for service details.

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Amount Due	Due Date
\$7,435.21	July 01, 2024
Delinquent Amount After Due Date	Account Number
\$7,509.56	4580005832

Amount Enclosed \$

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

AMEREN MISSOURI
 PO BOX 88068
 CHICAGO IL 60680-1068

80600000 0045800058302 000007435210 000007435210



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Electric Service Details

Service from 05/06/2024 - 06/05/2024 (30 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
11673321	05/06 - 06/05	30	Total kWh	Actual	88375.0000	85754.0000	2621.0000	100.0000	98360.0000
11673321	05/06 - 06/05	30	Peak kW	Actual	1.4040	0.0000	1.4040	100.0000	224.6000

Usage Summary

Total kWh	98360.0000	Summer kWh	16560.0000
Non-Summer kWh	82800.0000	Peak kW	224.6000
Billing Demand	224.6000	Total Billing Demand	224.6000
October Winter Base kW	178.6000	Winter Base Demand	178.6000
Base kWh Ratio	0.7951	Base kWh (HUD)	65834.0000
Seasonal kWh (HUD)	16966.0000		

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

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AMOUNT DUE \$7,435.21
Due Date 07/01/2024
Account Number 4580005832
Service Address 3 ANDERSON RD.
Electric Service Details (Continued)
Rate 3M Large General Service

DESCRIPTION	USAGE	UNIT		RATE	CHARGE
Seasonal Energy Charge	16,988.00	kWh	@	\$ 0.04080000	\$692.21
Summer Demand Charge	224.60	kW	@	\$ 1.03168254	\$231.71
Winter Demand Charge	224.60	kW	@	\$ 1.91866590	\$430.48
Energy Charge/Hours Used	5,615.00	kWh	@	\$ 0.11120000	\$624.39
Energy Charge/Hours Used	7,487.00	kWh	@	\$ 0.08360000	\$625.91
Energy Charge/Hours Used	3,458.00	kWh	@	\$ 0.05630000	\$194.89
Base Energy Charge / Hours Used	22,325.00	kWh	@	\$ 0.06980000	\$1,558.29
Base Energy Charge / Hours Used	28,767.00	kWh	@	\$ 0.05190000	\$1,544.91
Base Energy Charge / Hours Used	13,742.00	kWh	@	\$ 0.04090000	\$562.05
Customer Charge					\$110.55
Fuel Adjustment Charge	99,360.00	kWh	@	\$ 0.00278165	\$277.38
Energy Efficiency Investment Charge	99,360.00	kWh	@	\$ 0.00382400	\$379.95
Renewable Energy Adjustment	99,360.00	kWh	@	\$ 0.00204000	\$202.69
Total Service Amount					\$7,435.21

Total Electric Charges \$7,435.21
Payments Since Previous Statement

 DATE RECEIVED
May 28, 2024

 AMOUNT
\$6,515.90

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.

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00667 225558 007290 014579 0002/0002


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**MONTH-TO-DATE AND YEAR-TO-DATE
REVENUE/BUDGET ANALYSIS**

5/31/2024

Account Number	Account Name	2022 Actual	2023 Actual	2024 Budget	2024 Actual as of 5/31/2024	2024 May Revenue	Percent YTD
3020	Osage Beach	460,708.70	491,201.99	512,148.00	208,844.26	41,361.21	41%
3010	Lake Ozark	91,794.26	87,143.84	97,552.00	40,355.75	9,447.13	41%
3030	Misc.	1,094.92	234.08	0.00	0.00	0.00	0%
3100	Interest	2,462.35	5,522.07	5,000.00	6,289.99	1,502.77	126%
3060	Waste Haulers' Fee	49,490.00	63,160.00	57,000.00	19,625.00	5,900.00	34%
Total Operating Fund		605,550.23	647,261.98	671,700.00	275,115.00	58,211.11	41%
E/R Fund Income		3,588.63	15,192.01	12,000.00	10,066.53	3,266.72	84%
TOTAL INCOME		609,138.86	662,453.99	683,700.00	285,181.53	61,477.83	42%

**MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
5/31/2024**

Account Number	Account Name	2022 Actual	2023 Actual	2024 Budget	2024 Actual as of 5/31/2024	2024 May Expenses	Percent YTD
4000	Equipment Replace Fund	55,008.00	60,000.00	100,000.00	38,750.00	8,750.00	39%
4020	*Maintenance & Repair	60,030.11	84,665.12	64,000.00	58,887.47	5,813.09	92%
4140	Insurance	22,088.00	22,791.00	26,210.00	27,027.00	26,159.00	103%
4150	Vehicle Repair/Main	5,999.58	3,255.47	9,000.00	839.82	329.20	9%
4170	Contract Management	331,080.00	353,592.00	374,808.00	151,605.00	30,321.00	40%
4175	Electric	79,890.16	88,547.80	87,000.00	24,594.36	6,618.71	28%
4176	Utilities Misc.	3,694.18	4,579.70	4,700.00	1,737.32	0.00	37%
4190	Bank Charges	12.00	3.00	0.00	0.00	0.00	0%
4200	Audit	2,700.00	2,800.00	2,900.00	2,900.00	2,900.00	100%
4240	Capital Purchases	0.00	0.00	0.00	0.00	0.00	0%
	Totals	678,450.37	620,234.09	668,618.00	306,340.97	80,891.00	46%
	**E/R Expenses	202,161.70	113,313.66	195,000.00	369.98	0.00	0%
	TOTAL EXPENSES	880,612.07	733,547.75	863,618.00	306,710.95	80,891.00	36%

4020 DETAIL: Equip & Bldg. Repair/Main.

Regular Maintenance	20,000
UV Bulbs, Quartz Sleeves, Misc	11,000
Painting RAS basement piping &	30,000 x
Rock for road	3,000

64,000.00

DETAIL: Equipment & Replacement

Replace RAS Pumps & Check Valves	195,000
	195,000.00

OPERATING FUND INCOME AND EXPENSE SUMMARY
5/31/2024

Beginning Balance	363,129.24
Income - Osage Beach	41,361.21
Income - Lake Ozark	9,447.13
Income - Other	-
Income - Waste Haulers' Fees	5,900.00
Interest - Checking	23.59
Income - CD Interest	1,479.18
Transfers From E/R Fund	-
Transfers To E/R Fund	(8,750.00)
Expenses	(72,645.40)
Ending Fund Balance	339,944.95
Central Bank - NOW Acct.	109,599.38
	-
CD First Bank of the Lake, 2/20/25 #8432	113,608.14
CD First Bank of the Lake, 1/22/25 #8433	120,421.66
	-
Outstanding Checks:	(3,684.23)
	339,944.95

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
5/31/2024

Beginning Balance	525,248.78
Interest - Checking	450.58
Income - CD Interest	2,816.14
Transfers From Operating Fund	8,750.00
Income - Miscellaneous	-
Expenses	(4,460.31)
Ending Fund Balance	532,805.19
First Bank of the Lake - Money Mkt.	225,222.90
CD First Bank of the Lake, 4/30/25 #8430	117,582.29
CD First Bank of the Lake, 8/07/25 #8434	190,000.00
	-
	-
Outstanding Checks:	-
	532,805.19

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Resources,
Inc.**

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St.
Columbia, MO
65201

(573)874-8080

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REPORT OF OPERATIONS

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

Month of May 2024

Submitted by Alliance Water Resources, Inc. for the

June 2024

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 Colonies/100 ml	Coliform	Ammonia as N mg/L	O&G mg/L
Monthly/Quarterly Avg	1.8	2.1	N/A	10.0		0.15	< 2.0
Peak Day	2.3	3.0	8.2	< 20.0		0.50	< 2.0
Percent Removal	99.2	99.3	N/A	N/A		N/A	N/A

NPDES EFFLUENT LIMITATIONS

	BOD mg/l	TSS mg/l	pH	E.coli Colonies/100 ml	Coliform	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 1.233 MGD or 41% of Permitted flow with Lake Ozark contributing 17% of the total flow and Osage Beach contributing 83%. 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 69073 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 36 tanker loads of bio-solids during the month equivalent to a total of 129,600 gallons and 40,472 pounds dry weight solids.

136,009 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 607,500 gallons with a level of 7.0 feet in Tank 1 and 6.5 feet in Tank 2.

WASTEHAULERS

The plant received 48 loads of septage during the month totaling 119,000 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 noticed the grit concentrator/cyclone needed some machine work on the 8th of May, so we called our machinist G & L Welding. He came and got it on the 9th and brought it back on the 10th and we got it back online.
- We had to replace a bar screen sheer pin on the 11th of May.
- The pista grit system went down over the Memorial Day weekend due to some kind of electrical surge which caused one of the breakers to go bad. We replaced it on the 29th.
- JCI came in on the 30th of May to start the installation of the new RAS pumps. They finished installation of the new RAS pump #4 on the 31st and ready for the electrician to wire.

SAFETY

- We 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 on Lockout/Tagout.

REGULATORY AGENCY, INSPECTION AND REPORT

- We filled out the new EDMR on the EPA MoGEM website on the 10th of June.

MISCELLANEOUS AND RECOMMENDATIONS

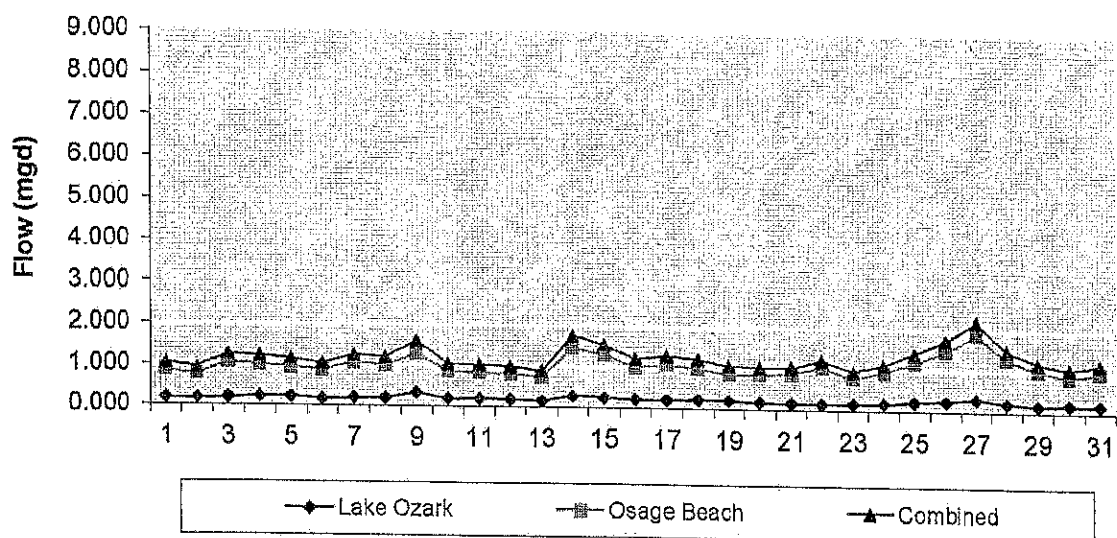
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TABLE A
LAKE OZARK/OSAGE BEACH WWTP

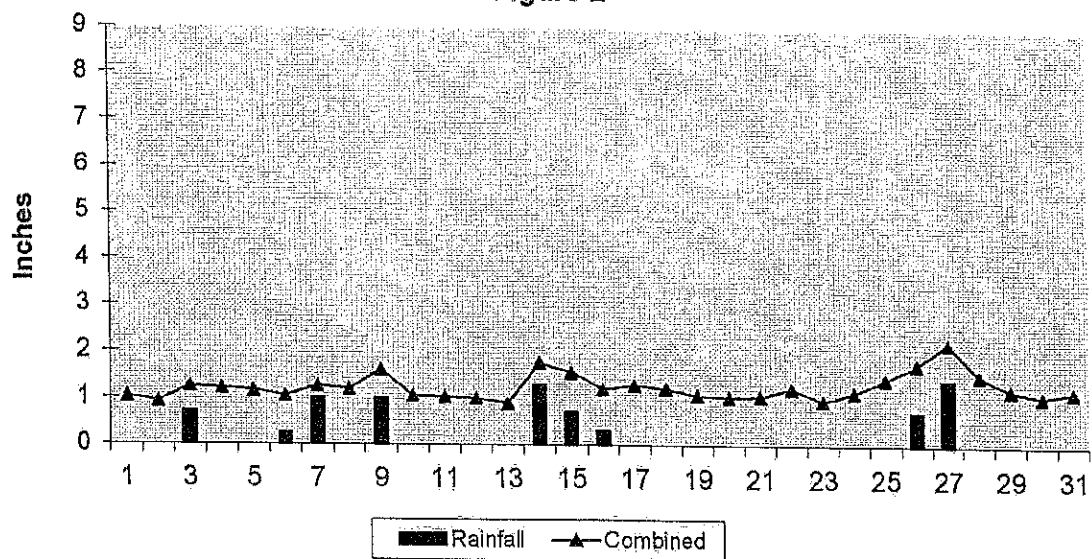
MONTH OF May 2024

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	0.179	0.851	1.030	17.4	82.6						
2-May	0	0.164	0.754	0.918	17.9	82.1	160	140	208	112	114	352
3-May	0.7	0.193	1.057	1.250	15.4	84.6						
4-May	0	0.215	0.992	1.207	17.8	82.2						
5-May	0	0.217	0.935	1.152	18.8	81.2						
6-May	0.3	0.171	0.870	1.041	16.4	83.6						
7-May	1.0	0.190	1.062	1.252	15.2	84.8						
8-May	0	0.202	0.987	1.189	17.0	83.0						
9-May	1	0.321	1.278	1.599	20.1	79.9						
10-May	0	0.190	0.855	1.045	18.2	81.8	150	198	215	128	218	276
11-May	0	0.200	0.824	1.024	19.5	80.5						
12-May	0	0.184	0.806	0.990	18.6	81.4						
13-May	0	0.151	0.729	0.880	17.2	82.8						
14-May	1.3	0.286	1.464	1.750	16.3	83.7						
15-May	0.7	0.257	1.289	1.546	16.6	83.4						
16-May	0.3	0.208	0.989	1.197	17.4	82.6	150	183	185	88	136	364
17-May	0	0.209	1.068	1.277	16.4	83.6						
18-May	0	0.223	0.984	1.207	18.5	81.5						
19-May	0	0.211	0.856	1.067	19.8	80.2						
20-May	0	0.177	0.854	1.031	17.2	82.8						
21-May	0	0.163	0.878	1.041	15.7	84.3						
22-May	0	0.157	1.058	1.215	12.9	87.1						
23-May	0	0.167	0.783	0.950	17.6	82.4	220	285	240	182	204	310
24-May	0	0.181	0.948	1.129	16.0	84.0						
25-May	0	0.229	1.180	1.409	16.3	83.7						
26-May	0.7	0.260	1.471	1.731	15.0	85.0						
27-May	1.4	0.316	1.876	2.192	14.4	85.6						
28-May	0	0.217	1.286	1.503	14.4	85.6						
29-May	0	0.174	1.021	1.195	14.6	85.4						
30-May	0	0.190	0.870	1.060	17.9	82.1						
31-May	0	0.175	0.985	1.160	15.1	84.9	288	183	235	226	134	262
SUM	7.4	6.377	31.860	38.237								
AVG		0.206	1.028	1.233	17	83	194	198	217	147	161	313
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

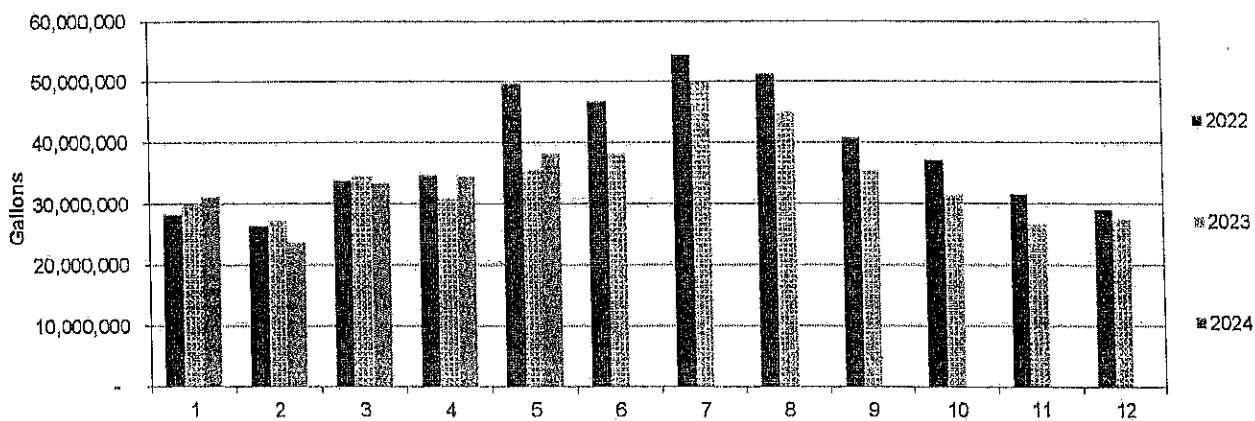
Daily Flow
Figure 1



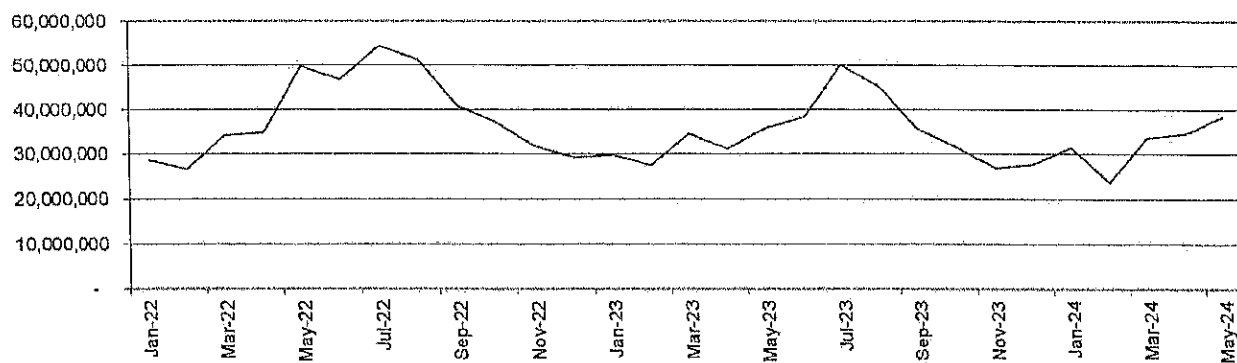
Effect of Rainfall on Flow
Figure 2



Monthly Influent Flow
Figure 3A

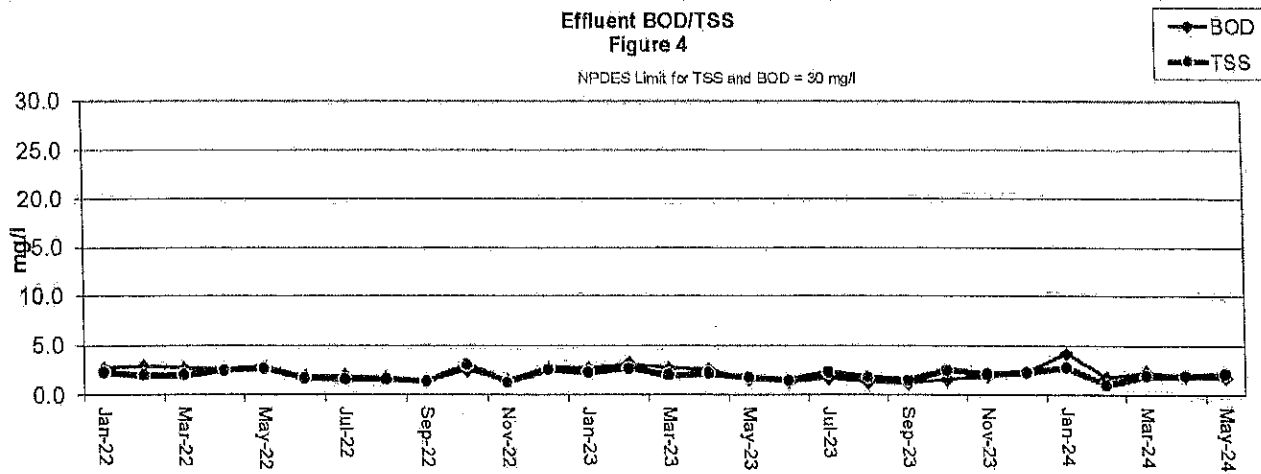


Monthly Influent Flow
Figure 3B



Effluent BOD/TSS
Figure 4

NPDES Limit for TSS and BOD = 30 mg/l

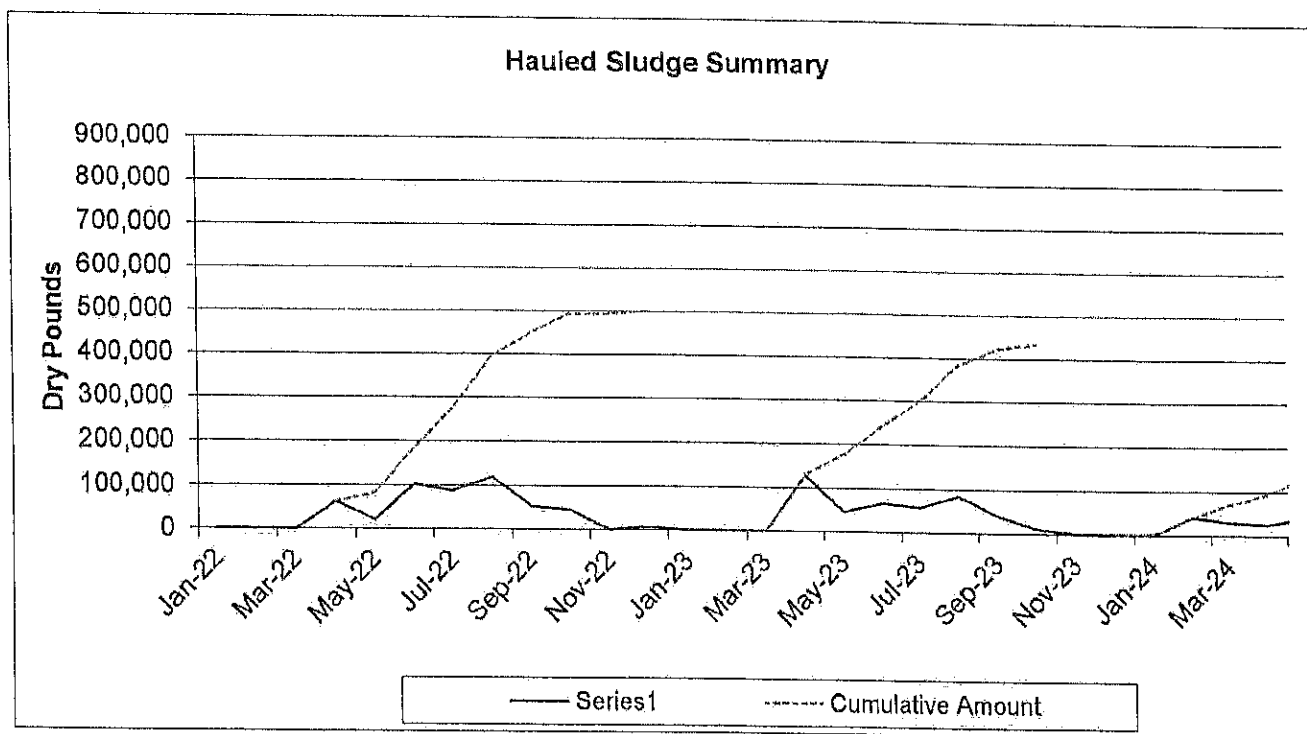
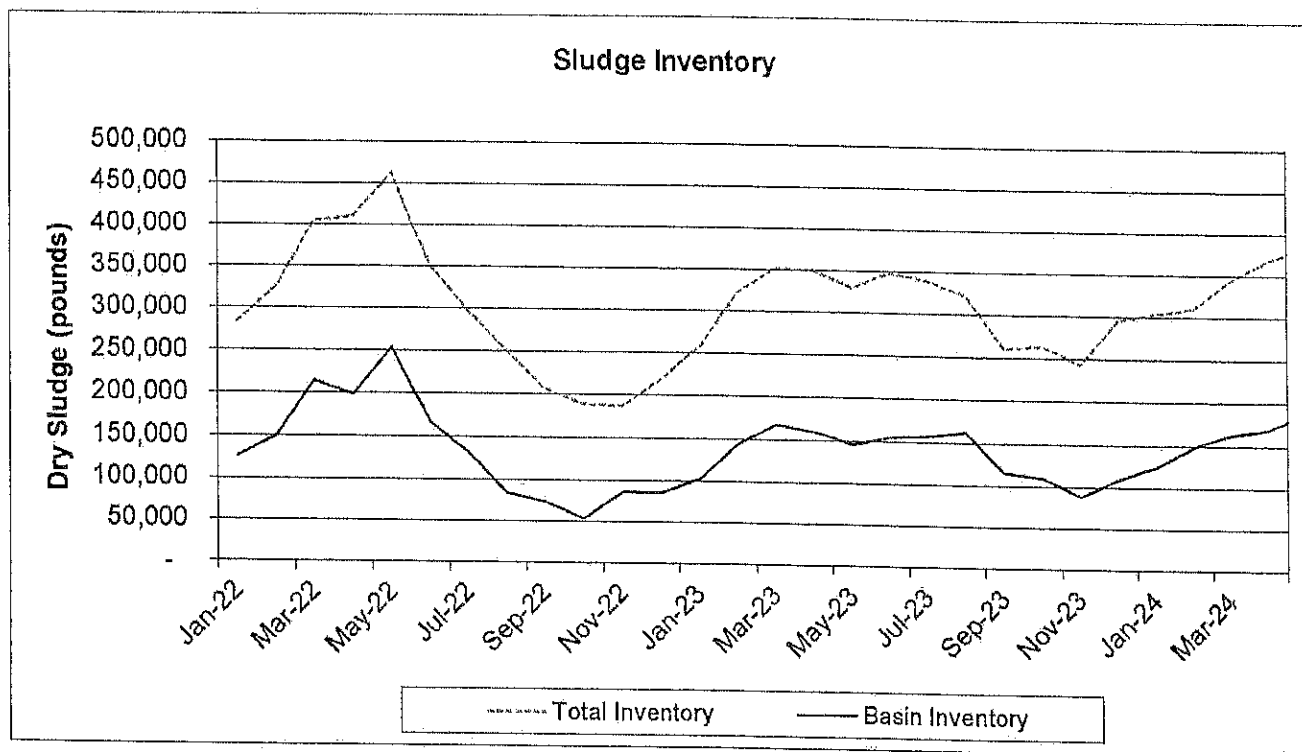


	Hauled Sludge				
	Loads	Gallons	# Dry	% Solids	Annual Cumulative # Dry
Jan-22	0	-	0	4.5%	
Feb-22	0	-	0	4.0%	
Mar-22	0	-	0	4.4%	
Apr-22	47	169,200	62,120	4.4%	62,120
May-22	16	57,600	21,017	4.4%	83,137
Jun-22	84	302,400	102,052	4.0%	185,189
Jul-22	80	288,000	88,961	3.7%	274,150
Aug-22	108	388,800	120,426	3.7%	394,576
Sep-22	51	183,600	54,073	3.5%	448,649
Oct-22	42	151,200	44,405	3.5%	493,054
Nov-22	0	-	0	3.5%	493,054
Dec-22	8	28,800	7,746	3.2%	500,800
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	85,362	3.8%	241,332
Jul-23	51	183,600	56,307	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

Basin Depths				
Tank #1	Tank #2	AB #1	Basin Gallons	# Dry
4.5	3.0	0.0	337,500	126,664
7.0	3.0	0.0	450,000	150,120
6.0	7.0	0.0	595,000	214,672
7.0	5.0	0.0	540,000	198,255
8.5	7.0	0.0	697,500	254,503
7.0	4.0	0.0	495,000	167,049
7.0	2.5	0.0	427,500	132,051
2.0	4.0	0.0	270,000	83,629
3.5	2.0	0.0	247,500	72,893
1.0	3.0	0.0	180,000	52,863
4.0	2.5	0.0	292,500	85,381
4.0	3.0	0.0	315,000	84,722
5.0	3.5	0.0	382,500	102,082
6.5	5.5	0.0	540,000	144,115
7.0	7.0	0.0	630,000	168,134
7.5	4.0	0.0	517,500	180,387
6.0	6.0	0.0	540,000	146,084
6.0	5.0	0.0	495,000	154,953
6.0	5.0	0.0	495,000	157,200
7.0	4.5	0.0	517,500	162,373
7.5	0.5	0.0	360,000	115,503
7.5	0.0	0.0	337,500	109,776
3.0	3.0	0.0	270,000	87,820
4.5	3.0	0.0	337,500	109,775
5.5	3.0	0.0	382,500	124,412
7.0	3.5	0.0	472,500	148,980
7.0	4.0	0.0	495,000	163,482
5.5	7.0	0.0	582,500	169,497
7.0	6.5	0.0	607,500	189,713

Blanket Depths			MLSS Inventory		Blanket and MLSS Inventory		MLSS	Total Dry
Clar #1	Clar #2	Clar #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	Sludge Inventory
1.0	3.5	0.0	5,060	5,180	3,679,929	157,136	0.0051	283,800
4.0	1.5	0.0	6,280	5,030	3,697,691	174,393	0.0057	324,513
9.0	10.0	0.0	5,870	5,780	3,937,478	190,464	0.0058	405,135
10.0	10.0	1.0	7,100	5,800	3,998,668	211,785	0.0064	410,021
2.0	10.0	1.0	6,290	6,630	3,856,572	207,778	0.0085	462,281
4.5	0.5	1.5	5,780	0,010	3,753,952	184,247	0.0059	351,297
8.0	3.0	1.5	4,740	5,860	3,890,524	166,296	0.0052	298,348
1.5	1.0	0.5	5,490	5,420	3,688,119	166,789	0.0055	250,418
1.0	1.0	0.5	4,850	4,160	3,657,238	134,359	0.0044	207,251
0.5	0.5	0.5	4,590	4,390	3,639,476	136,286	0.0045	189,149
1.0	1.0	0.0	4,330	2,340	3,635,524	101,573	0.0034	166,954
1.5	1.5	0.0	4,510	4,270	3,653,286	133,756	0.0044	218,478
1.0	1.0	0.0	4,880	5,380	3,635,524	155,543	0.0051	257,625
2.0	2.0	0.0	6,060	5,570	3,671,048	177,882	0.0058	321,997
1.0	2.0	1.0	5,310	6,640	3,696,714	184,213	0.0060	352,347
1.0	1.0	1.0	6,200	6,170	3,678,952	189,771	0.0082	360,138
0.5	9.0	0.5	5,120	6,530	3,790,453	184,142	0.0058	330,226
1.5	4.0	0.5	6,020	6,440	3,719,405	193,254	0.0052	348,207
2.0	3.5	0.5	6,030	5,710	3,719,405	182,086	0.0059	339,287
1.0	1.0	0.5	5,600	4,910	3,657,238	180,285	0.0053	322,658
1.0	1.0	0.5	4,780	4,750	3,657,238	145,339	0.0048	260,842
0.5	0.5	0.5	4,530	5,660	3,639,476	154,650	0.0051	284,426
2.0	2.0	0.5	4,550	5,540	3,682,762	155,374	0.0050	243,194
1.0	3.0	0.0	5,730	6,450	3,671,048	186,455	0.0061	296,230
1.0	5.0	0.0	5,470	6,100	3,708,572	178,831	0.0058	303,243
0.5	1.0	0.0	5,120	5,530	3,626,643	161,081	0.0053	310,041
4.0	5.0	0.0	5,980	5,540	3,759,858	180,304	0.0058	343,786
1.5	0.5	0.5	5,770	7,270	3,657,238	198,889	0.0065	368,386
6.0	2.5	0.5	8,800	5,623	3,772,691	192,581	0.0061	382,274

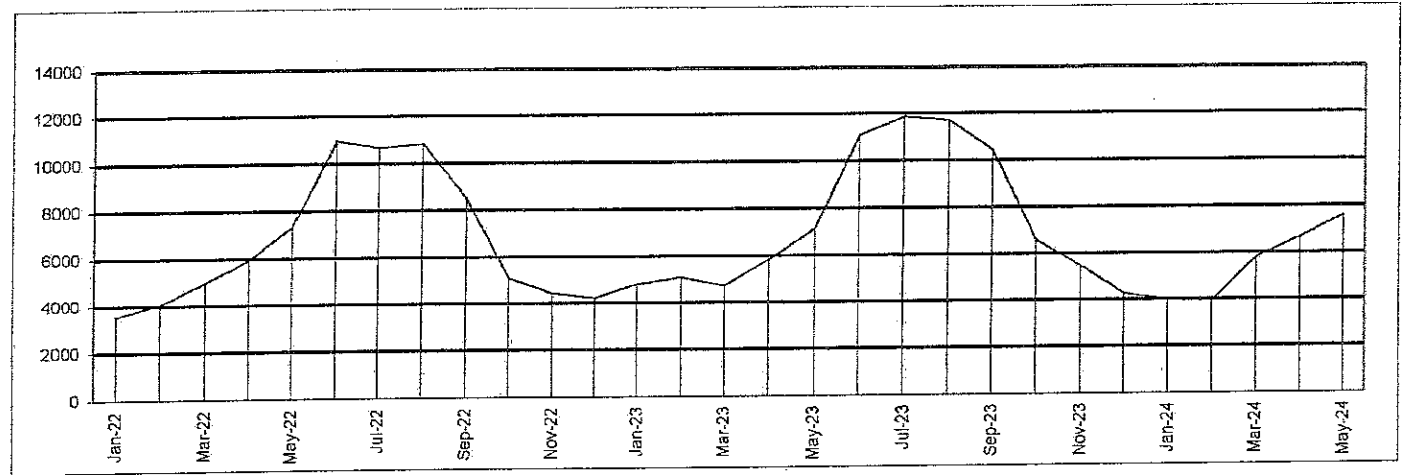
Accepted Septage	
Loads	Gallons
13	27,000
32	68,000
23	48,000
52	124,500
37	85,000
42	93,500
33	68,500
168	300,000
76	168,000
33	71,000
36	89,500
33	71,500
35	74,500
38	87,500
50	115,500
82	171,500
49	102,500
59	131,500
61	120,500
27	66,500
84	184,000
40	85,500
30	59,000
29	77,000
23	43,000
21	40,000
21	51,500
56	122,000
48	119,000



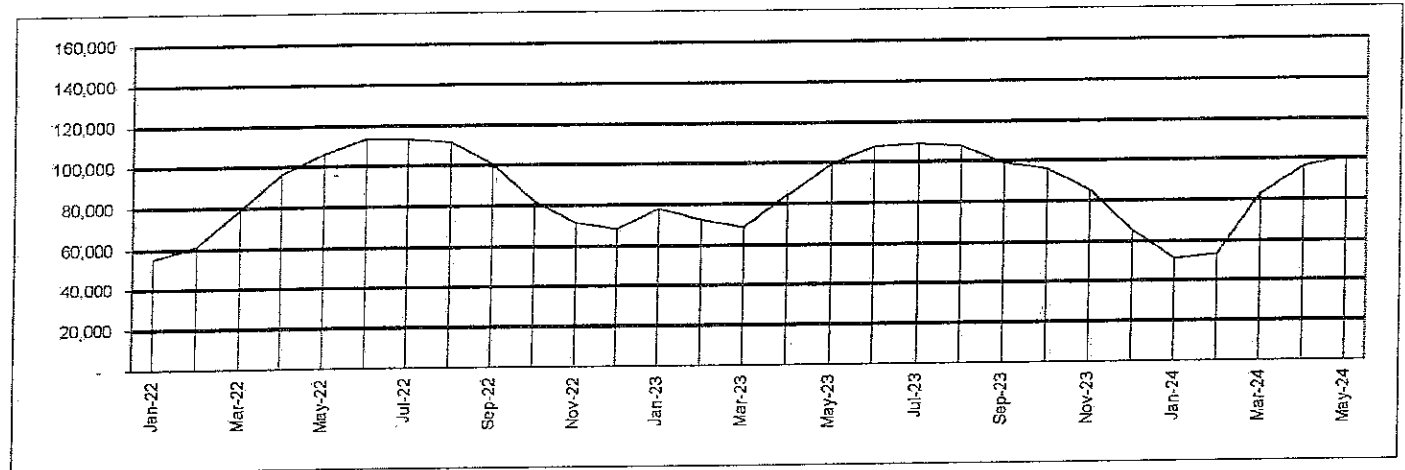
Electric Cost Kilowatts Used

Jan-22	3547	55,070
Feb-22	4063	61,330
Mar-22	4979	79,050
Apr-22	5907	96,160
May-22	7292	106,100
Jun-22	10958	113,870
Jul-22	10648	113,590
Aug-22	10800	111,690
Sep-22	8498	100,470
Oct-22	5071	82,030
Nov-22	4451	71,240
Dec-22	4224	68,000
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

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-22	4.8	1.9	Jan-23	4.9	2.7	Jan-24	5.3	3.3
Feb-22	4.6	1.7	Feb-23	5.9	3.0	Feb-24	5.3	2.8
Mar-22	4.9	2.9	Mar-23	5.1	2.9	Mar-24	4.5	3.5
Apr-22	4.7	2.9	Apr-23	6.0	3.2	Apr-24	5.5	2.1
May-22	4.4	2.8	May-23	5.6	1.9	May-24	5.2	3.6
Jun-22	4.4	3.7	Jun-23	6.2	2.8	Jun-24		
Jul-22	6.2	2.8	Jul-23	7.2	0.6	Jul-24		
Aug-22	3.5	1.0	Aug-23	4.7	0.6	Aug-24		
Sep-22	5.3	4.5	Sep-23	5.0	4.6	Sep-24		
Oct-22	6.1	6.8	Oct-23	7.0	6.6	Oct-24		
Nov-22	4.8	3.6	Nov-23	7.6	5.4	Nov-24		
Dec-22	4.8	2.8	Dec-23	5.9	3.6	Dec-24		
Avg.	4.9	3.1	Avg.	5.9	3.2	Avg.	5.1	3.0



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

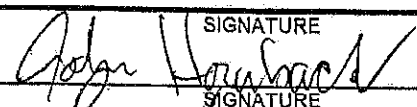
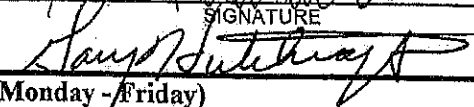
NAME OF FACILITY							LOCATION ADDRESS & CITY							COUNTY/REGION		
Lake of the Ozarks Regional WWTP #1							#3 Anderson Road							Miller/SWRO		
MONTH/YEAR		PERMIT NUMBER					OUTFALL NUMBER		TYPE TREATMENT FACILITY							
May-24		MO-0103241					#001		Oxidation Ditch/UV/Sludge Holding-sludge is land 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			13.1	18.3	1.366	8.0			0.14	9.2		19.2			
2	6.9	208	352		18.5	1.298	7.7	1.5	1.6		9.1		19.7	99.3	99.5	
3	6.8				18.3	1.628	7.7				9.1		19.7			
4	6.9				20.5	1.532	7.7				9.1		21.4			
5	6.7				18.3	1.456	7.7				9.2		19.1			
6	7.0			28.7	19.1	1.358	8.0			0.03	9.2	< 20	19.8			
7	6.7				19.3	1.590	7.6				8.9		20.1			
8	6.7				18.6	1.533	7.6				9.0		19.5			
9	6.8				18.9	1.944	7.7				9.1		19.5			
10	7.1	215	276		18.2	1.393	8.0	1.6	1.9		9.2		19.2	99.3	99.3	
11	7.3				16.6	1.338	8.0				9.3		18.2			
12	6.8				17.5	1.311	7.7				9.3		17.9			
13	6.7			21.7	18.5	1.183	7.6			0.05	9.0	< 20	19.7			
14	6.8				19.5	2.112	7.7				9.0		19.5			
15	7.2				19.5	1.900	8.0				9.1		20.0			
16	6.8	185	364		19.1	1.519	7.6	2.0	2.0		9.0		19.9	98.9	99.5	
17	6.9				19.5	1.617	7.7				8.9		20.3			
18	6.9				20.9	1.579	7.7				8.9		22.2			
19	6.8				20.5	1.460	7.6				8.8		22.0			
20	6.6			60.3	19.8	1.283	7.7			0.01	8.3	< 20	21.1			
21	6.9				21.5	1.403	8.1				8.2		22.9			
22	7.3				19.5	1.419	8.1				8.3		21.4			
23	7.2	240	310		20.9	1.255	8.0	2.3	3.0		8.5		21.7	99.0	99.0	
24	7.2				22.3	1.436	8.1				8.4		22.7			
25	7.2				19.6	1.680	8.2				8.7		20.9			
26	7.2				20.2	2.083	8.0				8.5		21.5			
27	7.2				20.3	2.555	8.1				8.4		21.4			
28	6.9				21.3	1.869	8.1				8.5		22.2			
29	6.7				20.4	1.515	7.7				8.5		21.8			
30	6.7			39.6	21.0	1.380	7.7			0.5	8.6	< 20	22.0			
31	6.9	235	262		20.6	1.517	7.9	1.7	1.9		8.5		21.8	99.3	99.3	
Total						48.512										
Avg		217	313	32.7	19.6	1.565		1.8	2.1	0.15	8.8	10.0	20.6	99.2	99.3	
Min	6.6	185	262	13.1	16.6	1.183	7.6	1.5	1.6	0.01	8.2	< 20	17.9	98.9	99.0	
Max	7.3	240	364	60.3	22.3	2.555	8.2	2.3	3.0	0.50	9.3	< 20	22.9	99.3	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										
5										
6	3.55	<0.130	13.2					5.19	45.5	< 0.030
7										
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	3.55	<0.130	13.2					5.19	45.5	< 0.030
Avg	3.55	<0.130	13.2					5.19	45.5	< 0.030
Min	3.55	<0.130	13.2					5.19	45.5	< 0.030
Max	3.55	<0.130	13.2					5.19	45.5	< 0.030

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

DATE May-24	SLUDGE DISP. LBS. DRY WEIGHT	#1 Aeration Basin, O-Ditch, Etc.				#2 Aeration Basin, O-Ditch, Etc.				*Weather Conditions		
		MIXED LIQUOR				MIXED LIQUOR				* Ambient Temp ° F	*RAIN Inches	Time
		* DO mg/l	** MLSS mg/l	*Settleability		* DO mg/l	** MLSS mg/l	*Settleability				
				*30 min ml	Temp ° C			*30 min ml	Temp ° C			
1	9,127	1.4	6,530	760	19.5	1.9	6,300	750	19.3	65	0	7:30
2	7,026	1.5	5,290	560	19.9	1.4	6,720	800	19.7	66	0	7:30
3		1.1	6,180	700	19.4	1.1	5,180	650	19.4	64	0.7	7:30
4		1.9	4,710	390	20.6	1.2	4,630	510	20.6	66	0	7:30
5		1.9	6,590	770	19.2	1.2	6,750	790	19.1	60	0	7:30
6		1.3	6,410	780	20	2.1	5,420	630	19.9	63	0.25	7:30
7		1.1	6,240	680	20.2	1.3	5,410	620	20.3	64	1.0	7:30
8		1.7	6,800	780	19.6	2.0	6,450	720	19.7	56	0	7:30
9		1.8	6,610	770	19.9	2.9	6,450	730	19.6	58	1.0	7:30
10		2.5	5,850	700	19.7	1.7	6,910	840	19.6	59	0	7:30
11		3.3	5,620	740	18.1	3.1	6,260	780	18.3	55	0	7:30
12		1.9	5,230	740	17.9	1.6	6,880	850	18.1	54	0	7:30
13		1.7	6,420	760	19.5	2.2	6,280	740	19.6	66	0	7:30
14		1.1	5,600	670	19.6	1.0	6,170	790	19.7	64	1.3	7:30
15		1.5	6,480	710	19.9	2.2	6,230	720	20.0	65	0.7	7:30
16		1.2	5,740	700	19.7	2.6	6,060	750	19.9	65	0.3	7:30
17		2.9	5,620	700	20.4	2.9	6,090	790	20.6	64	0	7:30
18		1.6	5,950	680	21.9	1.4	5,840	650	21.6	69	0	7:30
19		1.0	6,770	540	21.8	2.3	5,180	760	21.7	69	0	7:30
20		1.1	7,110	820	20.9	1.5	5,490	560	21.0	71	0	7:30
21		1.1	7,060	800	23.0	2.6	4,850	510	22.5	75	0	7:30
22		1.0	5,710	670	21.3	1.0	6,140	740	21.5	64	0	7:30
23		1.8	6,170	690	21.5	2.5	6,440	750	21.5	65	0	7:30
24		1.7	6,070	690	22.6	2.5	6,330	770	22.3	73	0	7:30
25		1.4	5,570	710	20.8	1.3	5,600	750	21.0	61	0	7:30
26		1.0	6,020	790	21.3	1.1	5,620	720	21.5	68	0.7	7:30
27		1.5	5,380	700	21.3	1.1	5,380	710	21.5	64	1.4	7:30
28	8,647	0.7	7,100	840	22.1	0.9	6,200	740	22.2	62	0	7:30
29	8,647	1.0	6,990	840	21.8	1.6	6,010	730	21.9	65	0	7:30
30	4,564	2.2	6,540	780	21.5	2.4	7,110	780	21.5	63	0	7:30
31		1.2	6,800	770	21.5	1.7	5,620	660	21.6	67	0	7:30
COMMENTS												

COMMENTS:

TESTS PERFORMED BY (PRINT) John Hornback	SIGNATURE 	PHONE # (573)365-0455	DATE 6/10/2024
REPORT APPROVED BY (PRINT) Gary Hutchcraft	SIGNATURE 	PHONE # (573)365-0455	DATE 6/10/2024

*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	
5/1/24	5/31/24
NOD:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	2.555	1.563	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	*****	2.3	1.8	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	*****;*****	Weekly Avg.:45	Monthly Avg.:30		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Weekly							
Total Suspended Solids (TSS)	*****	3.0	2.1	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	*****;*****	Weekly Avg.:45	Monthly Avg.:30		*****;*****	*****;*****	
Sample Type: 24 Hour Composite							
Frequency: Weekly							
Escherichia coli (E. coli)	*****	<20	10.0	#/100mL	*****	*****	*****
Mon. Location.: End of Pipe	*****;*****	7 Day Geo.:630	30 Day Geo. Mean:126		*****;*****	*****;*****	
Sample Type: Grab							
Frequency: Weekly							
Phosphorus, total (as P)	3.55	*****	3.55	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)	13.2	*****	13.2	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	0.50	*****	0.15	mg/L	*****	*****	*****

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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 Mon. Location.: End of Pipe Sample Type: Grab Frequency: Weekly	7.6	*****	8.2	SU	*****	*****	*****
	Minimum:6.0	*****	Maximum:9.0		*****	*****	
BOD, 5-day, percent removal Mon. Location.: End of Pipe Sample Type: Calculated Frequency: Monthly	*****	*****	98.9	%	*****	*****	*****
	*****	*****	Monthly Avg. Min.:85		*****	*****	
Suspended Solids, percent removal Mon. Location.: End of Pipe Sample Type: Calculated Frequency: Monthly	*****	*****	99.0	%	*****	*****	*****
	*****	*****	Monthly Avg. Min.:85		*****	*****	

Comments:

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
BOD, 5-day, 20 deg. C	*****	*****	217	mg/L	*****	*****	*****
Mon. Location.: Influent	*****;*****	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Sample Type: 24 Hour Composite Frequency: Monthly							
Total Suspended Solids (TSS)	*****	*****	313	mg/L	*****	*****	*****
Mon. Location.: Influent	*****;*****	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Sample Type: 24 Hour Composite Frequency: Monthly							
Nitrogen, ammonia total (as N)	60.3	*****	32.7	mg/L	*****	*****	*****
Mon. Location.: Influent	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Sample Type: 24 Hour Composite Frequency: Monthly							
Phosphorus, total (as P)	5.19	*****	5.19	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)	45.5	*****	45.5	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:							

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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
Gary Hutchcraft

Submission Date
June 10, 2024

User Phone Number
(573)365-0455

FOI, MAY 2024