

**OSAGE BEACH / LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
July 19, 2022 @ 4:00 p.m.
LAKE OZARK CITY HALL**

1. CALL TO ORDER

2. ROLL CALL

Mayor, Lake Ozark, Dennis Newberry
Mayor, Osage Beach, Michael Harmison
City Administrator, Osage Beach, Jeana Woods
City Administrator, Lake Ozark, David Mitchem
Alderman, Osage Beach, Kevin Rucker
Alderman, Lake Ozark, Pat Thompson
Public Works Director, Lake Ozark, Matt Michalik
Public Works Operations Manager, Osage Beach, Kevin Crooks
Member at Large, Mr. Gary Hamner

3. MINUTES

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Regular Meeting: June 21, 2022 **2-3**

4. REPORTS

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Revenue Budget Analysis	11
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Income & Expense Summary	13
 June 2022 Alliance Report of Operations	 14-31
 Approval of Flow Chart; June 2022	

5. OLD BUSINESS

A. Board Representative Update

6. NEW BUSINESS

A. Review and discussion regarding sealcoat / slurry seal for the parking lot **32**

7. ADDITIONAL DISCUSSION ITEMS

8. ADJOURNMENT

THE NEXT MEETING WILL BE August 16th, 2022 4:00 PM @ LAKE OZARK CITY HALL

**LAKE OZARK-OSAGE BEACH
JOINT SEWER BOARD
Meeting Minutes – June 21st, 2022**

CALL TO ORDER:

Mayor Michael Harmison called the meeting to order at 4:00 pm on Tuesday, June 21st, 2022 at Lake Ozark City Hall.

ROLL CALL:

Mayor, Osage Beach, Michael Harmison- Present
Mayor, Lake Ozark, Dennis Newberry – Present
City Administrator Osage Beach, Jeana Woods - Present
City Administrator Lake Ozark, David Mitchem – Present
Alderman Osage Beach, Kevin Rucker- Absent
Alderman Lake Ozark, Pat Thompson- Present
Public Works Director Lake Ozark, Matt Michalik – Absent
Public Works Operations Manager, Kevin Crooks – Present
Resident Member, Mr. Gary Hamner - Present

MINUTES:

City City Administrator Osage Beach, Jeana Woods motioned to approve the modified meeting minutes from June 21st 2022. Her motion was seconded by City Administrator Lake Ozark, David Mitchem and passed unanimously.

REPORTS:

- Bill List – Motion to approve by Alderman Lake Ozark, Pat Thompson. Her motion was seconded by Public Works Operations Manager, Kevin Crooks. Passed unanimously.
- Revenue Budget Analysis.
- Expenditure Budget Analysis.
- Income & Expense Summary, Check Registers and Bank Statements were reviewed.

ALLIANCE REPORT OF OPERATIONS:

Alliance Report of Operations: The average daily incoming flow for May was 1.602 mgd. We had 9.1 inches of precipitation in May measured at the WWTP.

Operationally, the plant's discharge was excellent, with an effluent monthly average BOD and TSS of 2.8 mg/l and 2.7 mg/l respectively for May which represents a 98.7 + % or better removal.

The MLSS average for both aeration basins was 6,000 mg/l in May. There were 16 loads of biosolids or 57,600 gallons land applied in May. We received 37 loads of septage or 85,000 gallons for May.

APPROVAL OF FLOW CHART

Motion was made by Alderman Lake Ozark, Pat Thompson to approve the Flow Charts for May 2022. Her motion was seconded by Mayor, Lake Ozark, Dennis Newberry. Unanimous approval, motion passed.

OLD BUSINESS:

- A. Board Representative Update. No update

B. NEW BUSINESS:

- A. Reviewed bids for the upgrading of bulbs/fixtures to LED's & two new industrial fans in RAS Basement. Motion made by City Administrator Osage Beach, Jeana Woods to approve bid from Dissen Electric. Her bid was seconded by City Administrator Lake Ozark, David Mitchem. Unanimously approved. Motion passed.
- B. Reviewed 2021 Joint sewer Board Audit Report.
- C. Election of Officers -- Motion to approve by Resident Member, Mr. Gary Hamner to elect the below officials and was seconded by Alderman Lake Ozark, Pat Thompson with unanimous approval. Motion passed.
- **Chair** - Mayor, Lake Ozark, Dennis Newberry
 - **Vice Chair** - Mayor, Osage Beach, Michael Harmison
 - **Secretary** - City Administrator Lake Ozark, David Mitchem
 - **Treasurer** - City Administrator Osage Beach, Jeana Woods

ADDITIONAL DISCUSSION ITEMS:

Replacement of RAS Flow Meter that went down. Discussed approval by Public Works Director Lake Ozark, Matt Michalik and Public Works Operations Manager, Kevin Crooks to be able to approve up to \$2500 without a vote.

ADJOURNMENT:

With no further business to discuss, the meeting adjourned at 4:27 pm.

Approved on:

Mayor, Michael Harmison

Clerk, Robin Craig

JOINT SEWER BOARD
BILL LIST
JULY 19, 2022

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	-
OPERATING FUND BILLS TO BE PAID:	\$	53,648.54
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	-
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$	-
TOTAL	\$	53,648.54

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

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

OPERATING FUND BILLS TO BE PAID:

Account	Check	Paid To:	Description:	Amount:
4000	605	Equipment Replacement Fund	Payment into ER Fund	\$ 4,584.00
4020		Dam Steel & Supply	Repair & Fabricate Drying Bed	\$ 341.50
4020		Jani King	July	\$ 197.15
4020		M/C QuickBooks	Accounting Software	\$ 25.00
4020		Menards	Hoses & Cleaner	\$ 84.91
4020		Menards	Thermometer & Tape	\$ 24.37
4020		Menards	Valve & Hose Adapters	\$ 21.23
4020		Miller Co Extension	Farmer Soil Samples	\$ 198.00
4020		O'Reilly	Exhaust Fan V-Belt	\$ 12.27
4020		Pace Analytical	Lab Testing for Permit Renewal	\$ 676.58
4020		Smart Postal	Ship Transducers RAS Flow Meter	\$ 16.68
4020		USA Blue Book	Samplers for Clarifiers	\$ 551.62
4020		UV Doctor Lamps	UV Bulbs & Sleeves	\$ 6,687.88
4150		Clark Tire Co.	Replace Sludge Trk Tire	\$ 1,012.63
4150		Clark Tire Co.	Repair Sludge Trk Tire	\$ 167.95
4150		DOC Lubrication Specialists	DEF & Hydraulic Oil Sludge Trk	\$ 316.14
4150		Roemers Heavy Equip	Clutch Repair Sludge Trk	\$ 102.61
4170		Alliance Water Resources, Inc.	July	\$ 27,590.00
4175		Ameren MO	11673321	\$ 10,717.98
4175		Ameren MO	98041275	\$ 240.35
4176		AT&T	July	\$ 15.63
4176		Republic	July	\$ 64.06
			TOTAL	\$ 53,648.54

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Check	Paid To:	Description:	Amount:
4000				\$ -
				\$ -
			TOTAL	\$ -

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

Account	Check	Paid To:	Description:	Amount:
4000				\$ -
4000				\$ -
			TOTAL	\$ -

UV Doctor Lamps, LLC
209 S. Washington Avenue
Newport, WA 99156

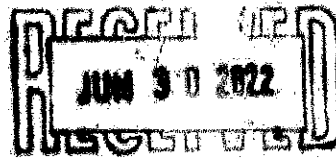
CHUV DOCTOR

INVOICE

Invoice #	15454
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Bill To:
JOINT SEWER BOARD
ALLIANCE WATER RESOURCES, INC
ATTN: ACCOUNTS PAYABLE
PO BOX 1985
LAKE OZARK, MO 65049

Ship To:
ALLIANCE WATER RESOURCES, INC
LAKE OF THE OZARKS REG
WWTP - GARY HUTCHCRAFT
#3 ANDERSON ROAD
LAKE OZARK, MO 65049



Date	P.O. No.	Ship Via	FOB		Terms	Due Date
5/23/2022	VERBAL - GARY	FREIGHTQUO...	Newport WA		NET 30	6/22/2022
Item	Description	Ordered	Shipped	Unit Price	Amount	
UVDRX 1601 HP 1621	REPLACEMENT FOR WEDECO ELR 30 LAMP QUARTZ SLEEVE W/ END CAPS WEDECO TAK 55	30 20	30 20	115.00 135.00	3,450.00 2,700.00	
FREIGHT	SHIPPING AND HANDLING, PALLET, VIA YRC FREIGHT			537.88	537.88	
UV BULBS & SLEEVES						
GL Acct#: 41020						
Signature: Gary Hutchcraft						
Date: 6/30/22						

ALL PAST DUE INVOICES ARE SUBJECT TO A FINANCE CHARGE OF 1.5%, PER MONTH, AND ANY ADDITIONAL EXPENSES AND ATTORNEY FEES ASSOCIATED WITH THE COLLECTION OF THIS INVOICE.

REMIT TO:
UV DOCTOR LAMPS, LLC
209 S. WASHINGTON AVE.
NEWPORT, WA 99156

Tel # (509) 447-5800
Fax # (509) 447-5822

Sales Tax (0.0%)	\$0.00
Total	\$6,687.88
Payments/Credits	\$0.00
Balance Due USD	\$6,687.88

Invoice #147966

Clark Tire Company - (SUNR)13993 N. Hwy 5, Sunrise Beach, MO 65079
Phone: 573-374-8854WEB SITE: www.clarktireco.com

Family owned since 1949!

Customer Information	Invoice	Additional Information
JOINT SEWER BOARD PO BOX 1985 LAKE OZARK, MO 65049 Acct Number: P: 573-216-8398 Contact:	Date: 7/07/2022 Reference: 147966 Salesperson: Joel (SUNR) Clark Route: Delivery Date: 7/05/2022	PO Number: Work Order#: W-5779283 Comment: Comment: Entered By: James (SUNR) Emery

Qty	Description	Unit Price	Ext. Price
1.00	PASS FRONT FLAT TRUCK IS ON WOODRIVER 445/65R225 STRAIGHT ACROSS FROM RIVERVIEW CAMP GROUND	0.00	0.00
1.00	756314365, 445/65225, G296 MSA, GOODYEAR	849.63	849.63
1.00	SERVICE CALL	70.00	70.00
1.00	MOUNT 445/65R22.5	50.00	50.00
1.00	FUEL SURCHARGE	15.00	15.00
1.00	TOLL BRIDGE FEE	10.00	10.00

Non-Tax (Non-Profit)

Subtotal: 994.63

MO Environmental Tax: 0.50

Tire Disposal: 15.00

Shop Supply Fee: 2.50

Terms: NET 30 Days

Total: \$1,012.63**Invoice Balance: \$1,012.63**

Terms:

Due Date	Due Amount	Amt Remain
8/06/2022	\$1,012.63	\$1,012.63

Acct Balance	Current	0-29 Days	30-59 Days	60-89 Days	90+ Days
\$1,012.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REPLACEMENT FRONT
TIRE FOR
SLUDGE TRK.

GL Acct#:

4150

Signature:

Date:

7/7/22

"Thank you for your business."

Invoices are due and payable within 30 days (NET 30). Clark Tire reserves the right to require full or partial prepayment on accounts. Interest Service Charges will be applied to past due amounts at the rate of 2.0% per month (24% per annum). Payments on account will be applied first to Interest Service Charges, then the remainder to principal. A \$25 fee will be billed for any payment returned for insufficient funds (NSF). Checks to be "held" will not be accepted. The undersigned agrees to pay in addition to the amount due, all costs of collection, court costs and reasonable attorney fees in the event it becomes necessary to pursue collection of this debt.

W-5779283

7/07/2022 8:50 AM Page: 1 Entered By: James (SUNR) Emery

Signature _____



- Pay by phone: 1.866.268.3729
- 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 4580005832
 Customer Name ALLIANCE WATER RESOURCES INC
 Service Address 3 ANDERSON RD.
 LAKE OZARK, MO 65049

AMOUNT DUE \$10,717.98

Due Date 08/01/2022

Amount After Due Date \$10,825.16

Previous Statement \$7,175.84

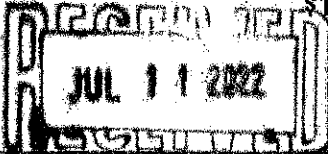
Total Payments \$7,175.84

Payment Received. Thank You.

Current Detail for Statement 07/11/2022

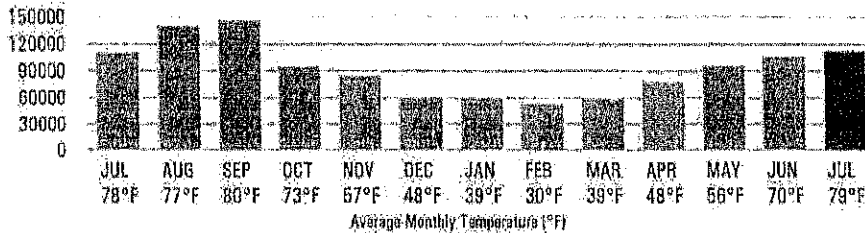
Total Electric Charges \$10,717.98

Total Amount Due \$10,717.98



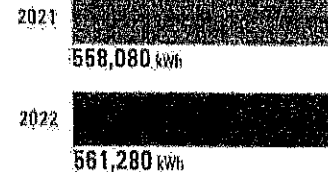
Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

Your electric energy usage this year was about the same as last year.



Usage from Jan-Jul for 2021 & 2022

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# 4475

Signature: *[Signature]*

Date: 7/11/22



See next page for service details.

Keep this portion for your records.

Page 1 of 4



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Please return this portion with your payment.

Amount Due	Due Date
\$10,717.98	August 01, 2022
Delinquent Amount After Due Date	Account Number
\$10,825.16	4580005832

Amount Enclosed \$

>002038 2095651 0001 092139 102

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

AMEREN MISSOURI
 PO BOX 88068
 CHICAGO IL 60680-1068

00600000 0045800058302 000010717980 000010717980



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

FOCUSED ENERGY. For life.

Electric Service Details

Service from 06/07/2022 - 07/07/2022 (30 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
11873321	06/07 - 07/07	30	Total kWh	Actual	73982.0000	73282.0000	700.0000	180.0000	112000.0000
11873321	06/07 - 07/07	30	Peak kW	Actual	1.4180	0.0000	1.4180	180.0000	226.8800

Usage Summary

Total kWh	112000.0000	Summer kWh	112000.0000
Peak kW	226.9000	Billing Demand	226.9000
Total Billing Demand	226.9000	October Winter Base kW	162.4000
Winter Base Demand	162.4000	Base kWh Ratio	0.7157
Base kWh (HUD)	0.0000	Seasonal kWh (HUD)	0.0000

Rate 3M Large General Service

DESCRIPTION	USAGE	UNIT		RATE	CHARGE
Seasonal Energy Charge	0.00	kWh	@	\$ 0.03870000	\$0.00
Summer Demand Charge	226.90	kW	@	\$ 5.87000000	\$1,331.80
Winter Demand Charge	226.90	kW	@	\$ 0.00000000	\$0.00
Energy Charge/Hours Used	34,035.00	kWh	@	\$ 0.10540000	\$3,587.29
Energy Charge/Hours Used	45,380.00	kWh	@	\$ 0.07930000	\$3,598.63
Energy Charge/Hours Used	32,585.00	kWh	@	\$ 0.05340000	\$1,740.04
Base Energy Charge / Hours Used	0.00	kWh	@	\$ 0.06620000	\$0.00
Customer Charge					\$104.86
Fuel Adjustment Charge	112,000.00	kWh	@	\$ 0.00041000	\$45.92
Energy Efficiency Investment Charge	112,000.00	kWh	@	\$ 0.00326200	\$365.34
Renewable Energy Adjustment	112,000.00	kWh	@	\$ 0.00050000	\$56.00
Total Service Amount					\$10,717.98
Total Electric Charges					\$10,717.98

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

Page 2 of 4

Address Changes or Corrections

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

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ONLINE
E-CHECK



PHONE
866.268.3729



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AMERENMISSOURI.COM/
PAYSTATION



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CREDIT CARD



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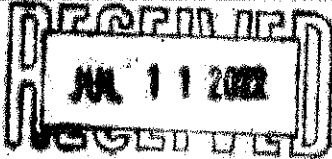
FOCUSED ENERGY. For life.

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

Current Detail for Statement 07/11/2022

Total Electric Charges \$240.35

Total Amount Due \$240.35



AMOUNT DUE \$240.35

Due Date 08/01/2022

Amount After Due Date \$242.75

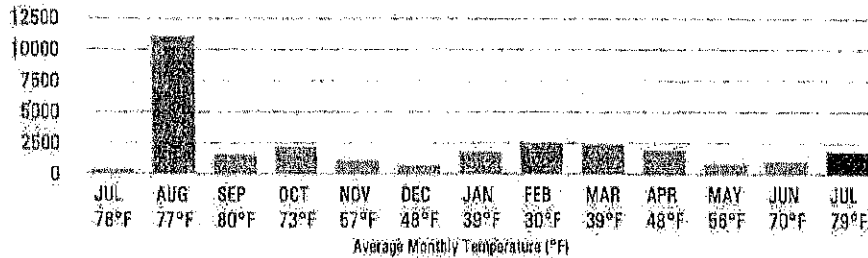
Previous Statement \$116.59

Total Payments \$116.59

Payment Received. Thank You.

Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year, you're using 44.2% more than last year.

2021 8,600 kWh

2022 12,400 kWh

Usage from Jan-Jul for 2021 & 2022

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: 7/11/22



See next page for service details.

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Page 1 of 4

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Amount Due	Due Date
\$240.35	August 01, 2022
Delinquent Amount After Due Date	Account Number
\$242.75	5580005920

Amount Enclosed \$

>002040 2095651 0001 092139 10Z

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

AMEREN MISSOURI
 PO BOX 88068
 CHICAGO IL 60680-1068

90633000 0055800059200 000000240350 000000240350



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

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Electric Service Details

Service from 06/07/2022 - 07/07/2022 (30 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
98041275	06/07 - 07/07	30	Total kWh	Actual	24860.0000	24673.0000	187.0000	10.0000	1870.0000
98041275	06/07 - 07/07	30	Peak kW	Actual	4.8960	0.0000	4.8960	10.0000	48.9600

Usage Summary

Total kWh	1870.0000	Summer kWh	1870.0000
Winter Base kWh	1830.0000	Current Base kWh	1830.0000
Summer Cur Base kWh	1830.0000	Seasonal kWh	40.0000
Summer Seasonal kWh	40.0000		

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

Threshold - Peak Demand

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Summer Total Energy Charge	1,870.00	kWh	@ \$ 0.11350000	\$212.25
Base Energy Charge	0.00	kWh	@ \$ 0.08480000	\$0.00
Seasonal Energy Charge	0.00	kWh	@ \$ 0.04880000	\$0.00
Customer Charge				\$21.86
Fuel Adjustment Charge	1,870.00	kWh	@ \$ 0.00041000	\$0.77
Energy Efficiency Investment Charge	1,870.00	kWh	@ \$ 0.00343000	\$6.41
Renewable Energy Adjustment	1,870.00	kWh	@ \$ -0.00050000	\$-0.94
Total Service Amount				\$240.35
Total Electric Charges				\$240.35

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
June 27, 2022	\$116.59

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

Page 2 of 4

Address Changes or Corrections

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 Address _____
 City, State, Zip _____
 Phone Number _____

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

6/30/2022

Account Number	Account Name	2020 Actual	2021 Actual	2022 Budget	2022 Actual as of 6/30/2022	2022 June Revenue	Percent YTD
3020	Osage Beach	475,836.10	465,202.63	470,050.00	228,723.84	38,398.48	49%
3010	Lake Ozark	74,163.90	84,797.35	82,950.00	47,276.14	7,684.85	57%
3030	Misc.	4,500.00	22,000.00	0.00	0.00	0.00	0%
3100	Interest	4,019.49	2,700.22	2,500.00	732.59	120.34	29%
3060	Waste Haulers' Fee	39,320.00	60,520.00	56,000.00	19,270.00	3,790.00	34%
Total Operating Fund		597,839.49	635,220.20	611,500.00	296,002.57	49,993.67	48%
E/R Fund Income		8,955.85	5,508.47	5,000.00	1,326.89	463.83	27%
TOTAL INCOME		606,795.34	640,728.67	616,500.00	297,329.46	50,457.50	48%

**MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
6/30/2022**

Account Number	Account Name	2020 Actual	2021 Actual	2022 Budget	2022 Actual as of 6/30/2022	2022 June Expenses	Percent YTD
4000	Equipment Replace Fund	71,604.00	143,608.00	55,000.00	27,504.00	4,584.00	50%
4020	*Maintenance & Repair	26,299.39	104,853.81	142,000.00	24,036.42	8,624.36	17%
4140	Insurance	19,865.00	21,493.00	22,000.00	22,068.00	0.00	100%
4150	Vehicle Repair/Main	12,479.74	11,099.99	8,000.00	3,789.26	32.99	47%
4170	Contract Management	305,580.00	308,640.00	327,158.00	165,540.00	27,590.00	51%
4175	Electric	75,077.36	82,227.41	92,000.00	29,463.91	7,292.43	32%
4176	Utilities Misc.	2,485.59	3,528.17	3,750.00	2,303.95	164.84	61%
4190	Bank Charges	32.60	0.00	0.00	0.00	0.00	0%
4200	Audit	2,648.50	2,600.00	2,700.00	2,700.00	2,700.00	100%
4240	Capital Purchases	0.00	399.99	500.00	0.00	0.00	0%
	Totals	516,072.18	678,450.37	653,108.00	277,425.54	50,988.62	42%
	**E/R Expenses	85,258.27	202,161.70	59,500.00	3,318.20	3,046.40	6%
	TOTAL EXPENSES	601,330.45	880,612.07	712,608.00	280,743.74	54,035.02	39%

4020 DETAIL: Equip & Bldg. Repair/Main.

Auto Dialer Yrly Software Fee	500	Tier 1
Regular Maintenance	18,000	Tier 1
UV Bulbs, Quartz Sleeves, Misc	10,000	Tier 1
Concrete Steps to outfall	9,000	Tier 1
Rock for road	2,000	Tier 1
Parking Lot seamseal & sealco:	2,500	Tier 1
Take #2 Aeration Basin, grit ren	100,000	Tier 2

DETAIL: Equipment & Replacement

Replace garage door in headworl	3,500	Tier 1 X
Replace wooden doors w/fibergla	2,000	Tier 1
Replace lab refrigerator/freezer	3,500	Tier 1
Replacement 6" valve for sludge	500	Tier 1
Replace Light Fixtures in headwc	5,000	Tier 1
Replace aerator gear box - new	45,000	Tier 1

59,500.00

142,000.00

OPERATING FUND INCOME AND EXPENSE SUMMARY
6/30/2022

Beginning Balance	318,827.53
Income - Osage Beach	37,990.70
Income - Lake Ozark	8,092.63
Income - Other	-
Income - Waste Haulers' Fees	3,740.00
Interest - Checking	4.37
Income - CD Interest	-
Transfers From E/R Fund	-
Transfers To E/R Fund	(4,584.00)
Expenses	(46,404.62)
Ending Fund Balance	317,666.61
Central Bank - NOW Acct.	96,670.24
	-
CD First Bank of the Lake, 8/20/22 #8432	107,343.42
CD First Bank of the Lake, 7/22/22 #8433	113,652.95
	-
Outstanding Checks:	-
	317,666.61

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
6/30/2022

Beginning Balance	503,411.82
Interest - Checking	66.13
Income - CD Interest	-
Transfers From Operating Fund	4,584.00
Income - Miscellaneous	-
Expenses	-
Ending Fund Balance	508,061.95
First Bank of the Lake - Money Mkt.	125,133.77
CD First Bank of the Lake, 10/31/22 #8430	109,881.78
CD First Bank of the Lake, 11/07/23 #8434	270,000.00
	-
	-
Outstanding Checks:	-
	505,015.55

**OUR
MISSION**

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

**Alliance Water
Resources,
Inc.**

206 S. Keene
St.
Columbia, MO
65201

(573)874-8080

WATER RESOURCES®
Alliance
Professional Water and Wastewater Operations

REPORT OF OPERATIONS

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

Month of June 2022

Submitted by Alliance Water Resources, Inc. for the

July 2022

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 mg/L	Ammonia as N mg/L	O&G mg/L
Monthly/Quarterly Avg	1.9	1.7	N/A	10.0		0.06	< 4.8
Peak Day	2.3	2.3	8.1	< 20		0.10	< 4.8
Percent Removal	99.1	99.4	N/A	N/A		N/A	N/A

NPDES EFFLUENT LIMITATIONS

	BOD mg/l	TSS mg/l	pH	E.coli Colonies/100 ml	Coliform mg/L	Ammonia as N mg/L	O&G mg/L
Monthly/Quarterly Avg	30	30	6-9	126		1.7	10
Weekly Average	45	45		630			
Daily Max				N/A		12.1	15

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 1.556 MGD or 52% 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 79920 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 84 tanker loads of bio-solids during the month equivalent to a total of 302,400 gallons and 102,052 pounds dry weight solids.

185,189 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 495,000 gallons with a level of 7.0 feet in Tank 1 and 4.0 feet in Tank 2.

WASTEHAULERS

The plant received 37 loads of septage during the month totaling 93,500 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Antero Maintenance Data Management schedule. (New version of Operator 10 Software)
- Haynes Equipment's tech was here on the 2nd and 3rd of June and got the ducking skimmer arms on clarifiers 1 & 2 working on automatic.
- We had to replace an air line in the outside panel at the UV system on the 20th of June.
- We pulled and shipped the RAS flow meter back to the factory to see what was wrong with it on the 14th of June. They requested us to send them the transducers later in the month, so we pulled and shipped them on the 30th.

SAFETY

- We conducted our monthly Safety Meeting on Work Zone & Flagger Safety on the 16th of June.

REGULATORY AGENCY, INSPECTION AND REPORTS

- We filled out the new EDMR on the EPA MoGEM website on the 7th of July.
- We took and shipped the annual WET test & the first round of the permit renewal required Expanded Effluent testing on the 21st of June.

MISCELLANEOUS AND RECOMMENDATIONS

- We invited four vendors to bid on the parking lot sealcoat at the treatment plant and have only received three bids back. (see attached bid sheet)

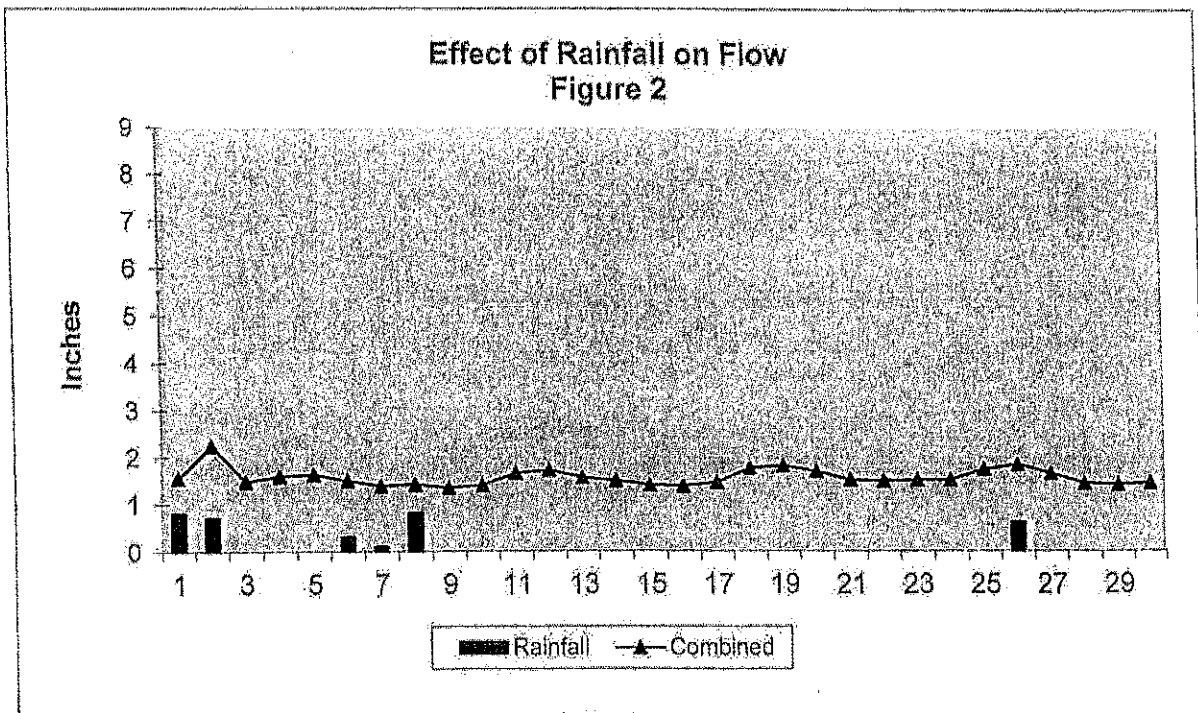
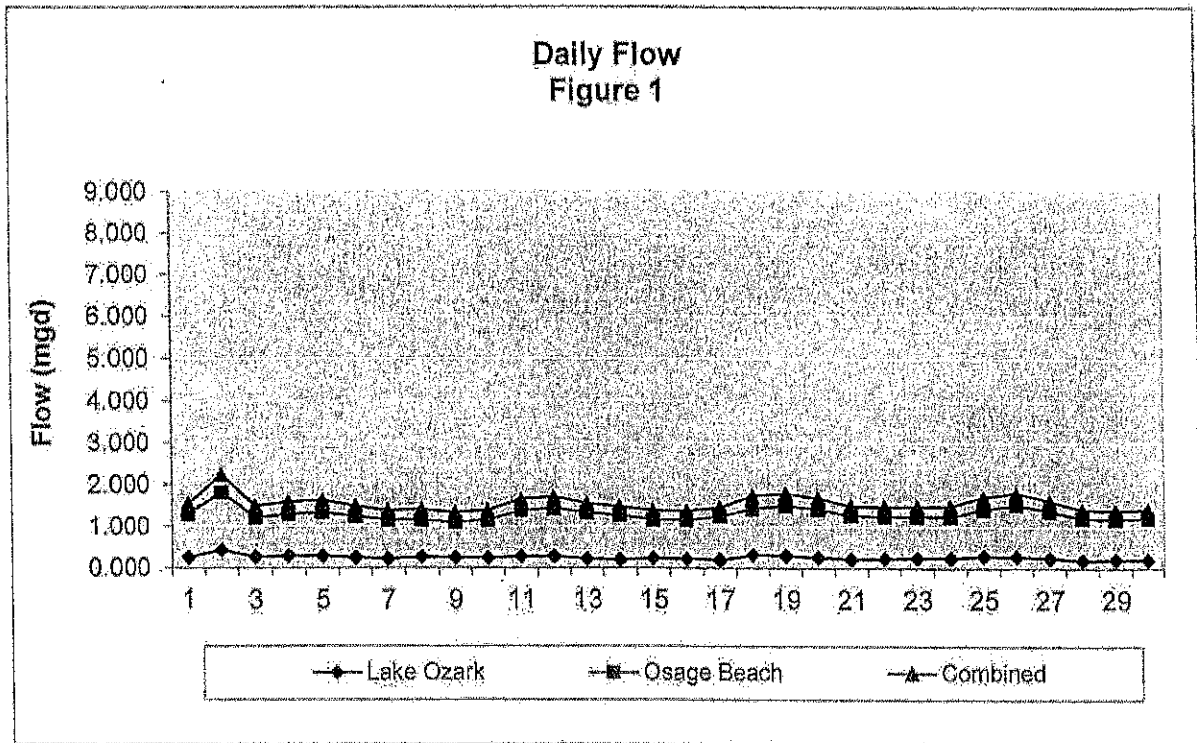


TABLE B
JOINT SEWER BOARD
Monthly Flows

<u>2020</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	7.7	36,806,000	86%	5,780,000	14%	42,586,000	100%
February	3.6	31,279,000	86%	4,986,000	14%	36,265,000	100%
March	6.1	37,286,000	86%	5,888,000	14%	43,174,000	100%
April	5.2	31,967,000	88%	4,324,000	12%	36,291,000	100%
May	5.3	43,538,000	87%	6,443,000	13%	49,981,000	100%
June	4.8	50,936,000	87%	7,780,000	13%	58,716,000	100%
July	6.9	56,437,000	87%	8,616,000	13%	65,053,000	100%
August	2.3	52,449,000	87%	7,883,000	13%	60,332,000	100%
September	8.4	42,235,000	85%	7,636,000	15%	49,871,000	100%
October	5.4	33,173,000	84%	6,448,000	16%	39,621,000	100%
November	4.3	27,630,000	84%	5,102,000	16%	32,732,000	100%
December	1.3	22,749,000	85%	3,949,000	15%	26,698,000	100%

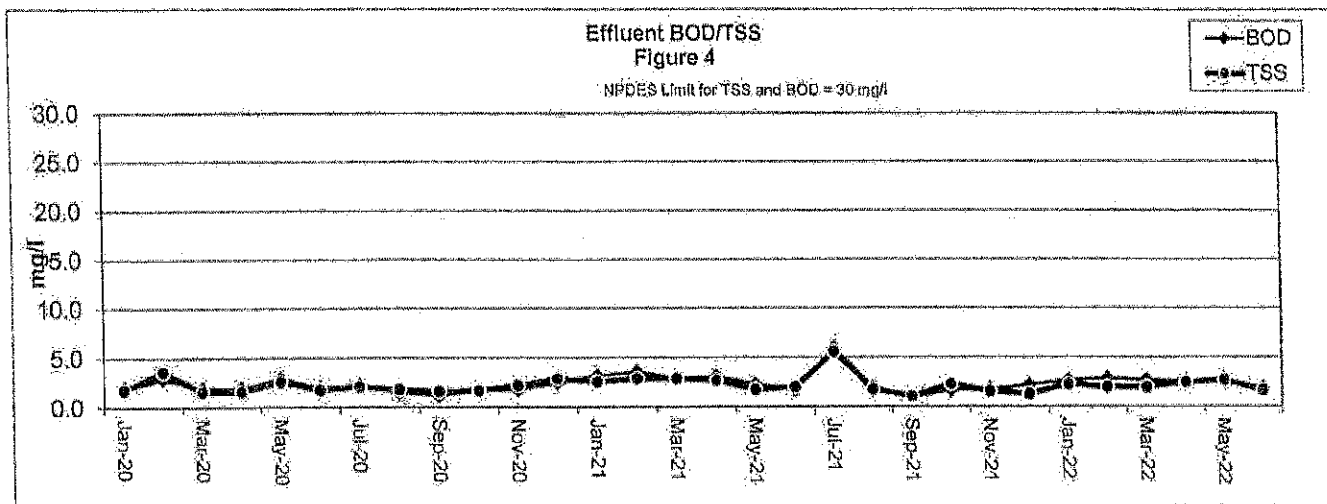
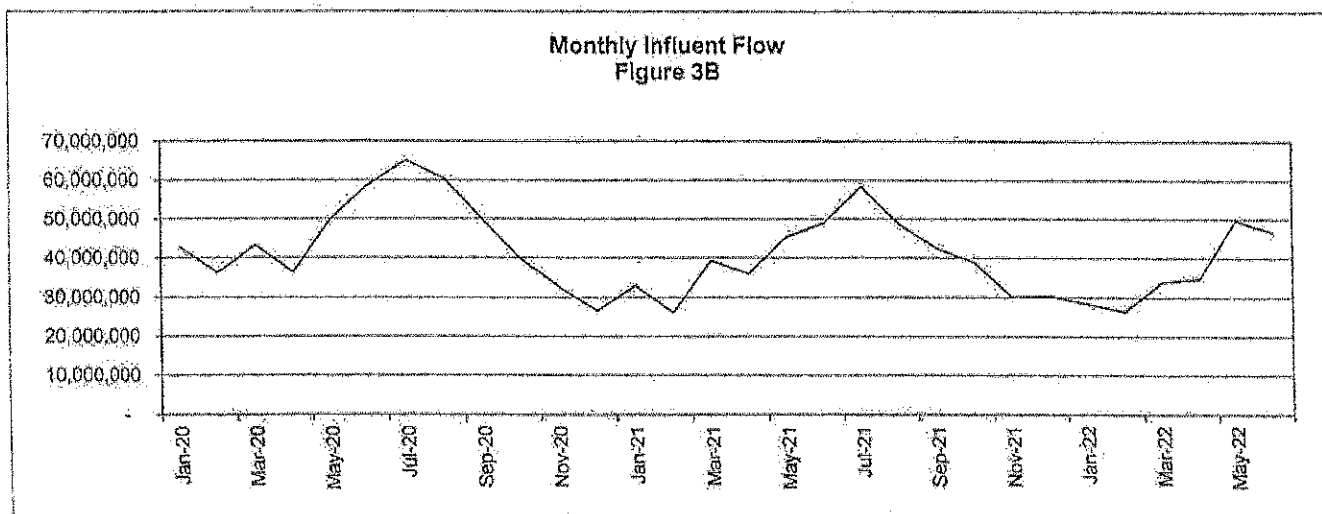
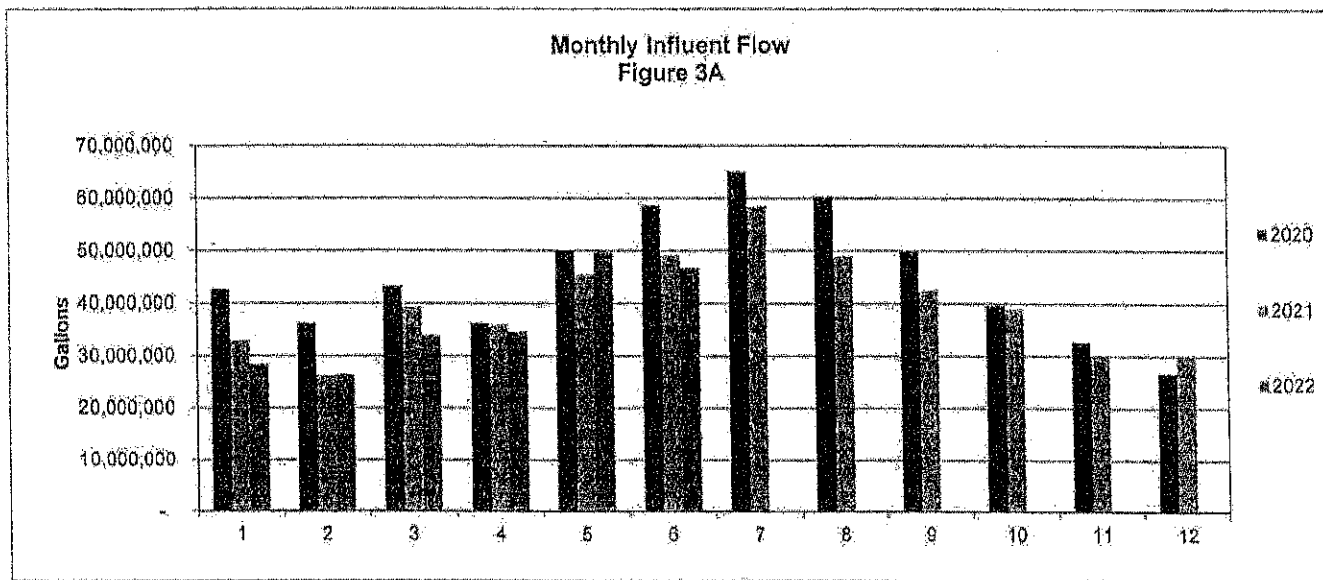
61.3	466,485,000	86%	74,835,000	14%	541,320,000	100%
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<u>2021</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	6.0	28,107,000	85%	4,855,000	15%	32,962,000	100%
February	3.0	22,136,000	85%	4,048,000	15%	26,184,000	100%
March	4.0	32,848,000	84%	6,450,000	16%	39,298,000	100%
April	5.2	30,179,000	84%	5,792,000	16%	35,971,000	100%
May	5.2	37,964,000	84%	7,479,000	16%	45,443,000	100%
June	8.0	41,695,000	85%	7,390,000	15%	49,085,000	100%
July	6.9	49,378,000	85%	9,000,000	15%	58,378,000	100%
August	1.8	41,691,000	85%	7,211,000	15%	48,902,000	100%
September	3.1	36,185,000	85%	6,306,000	15%	42,491,000	100%
October	6.0	32,925,000	85%	5,987,000	15%	38,912,000	100%
November	0.8	25,192,000	83%	5,025,000	17%	30,217,000	100%
December	2.3	25,041,000	82%	5,317,000	18%	30,358,000	100%

52.2	403,341,000	84%	74,860,000	16%	478,201,000	100%
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<u>2022</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	1.7	23,599,000	83%	4,824,000	17%	28,423,000	100%
February	3.8	21,853,000	83%	4,610,000	17%	26,463,000	100%
March	5.2	28,266,000	83%	5,637,000	17%	33,923,000	100%
April	6.3	28,580,000	82%	6,088,000	18%	34,668,000	100%
May	9.1	41,076,000	83%	8,597,000	17%	49,673,000	100%
June	3.3	39,125,000	84%	7,563,000	16%	46,688,000	100%
July							
August							
September							
October							
November							
December							

29.3	182,499,000	83%	37,339,000	17%	219,838,000	100%
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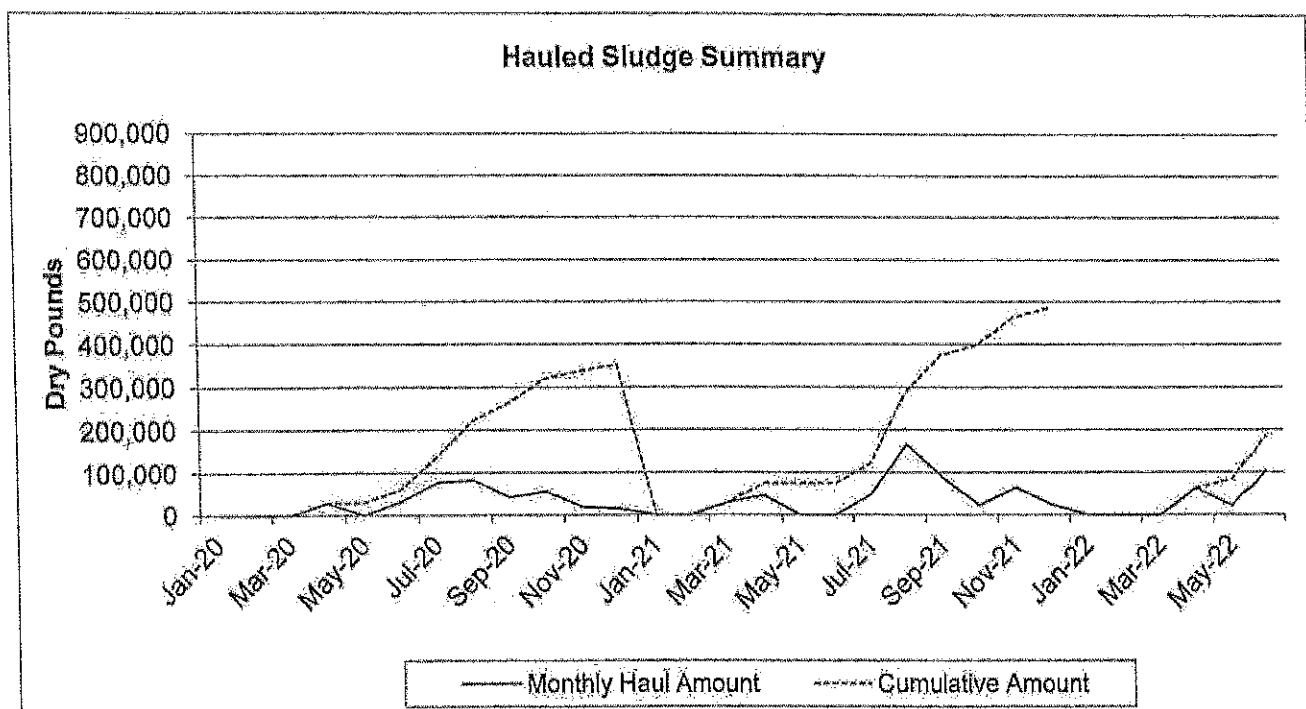
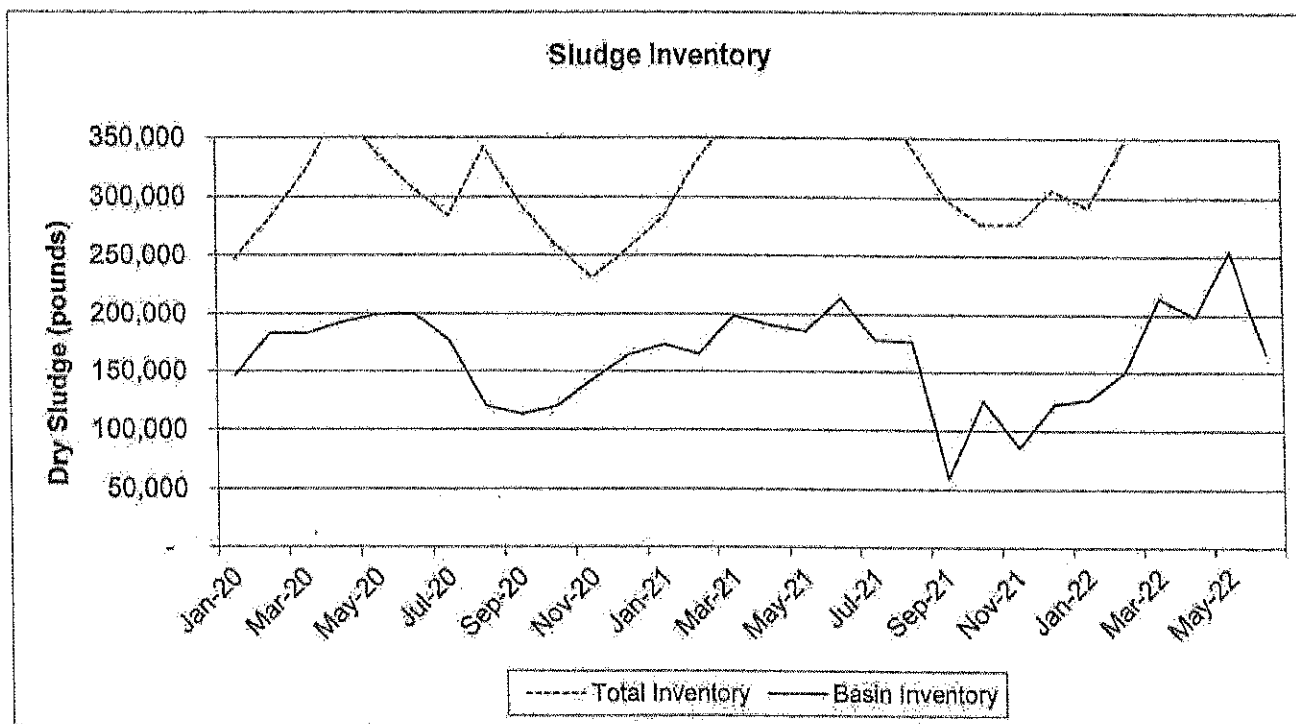


	Hauled Sludge				Annual Cumulative # Dry
	Loads	Gallons	# Dry	% Solids	
Jan-20	0	-	0	3.9%	
Feb-20	0	-	0	3.9%	
Mar-20	0	-	0	3.9%	
Apr-20	25	92,500	29,315	3.8%	29,315
May-20	0	-	0	3.8%	29,315
Jun-20	25	92,500	31,860	4.1%	60,975
Jul-20	69	258,300	77,268	3.6%	138,243
Aug-20	76	281,200	93,286	3.6%	221,529
Sep-20	38	140,800	41,627	3.5%	263,156
Oct-20	45	166,500	55,298	4.0%	318,454
Nov-20	18	66,600	19,255	3.5%	337,709
Dec-20	11	40,700	14,843	4.4%	352,552
Jan-21	0	-	0	4.4%	
Feb-21	0	-	0	4.4%	
Mar-21	23	65,100	28,863	4.1%	28,863
Apr-21	39	144,300	45,269	3.8%	74,152
May-21	0	-	0	3.8%	74,152
Jun-21	0	-	0	3.8%	74,152
Jul-21	40	144,000	47,378	3.9%	121,530
Aug-21	163	550,800	165,383	3.6%	287,893
Sep-21	92	331,200	87,226	3.2%	375,119
Oct-21	17	61,200	22,688	4.4%	397,817
Nov-21	46	165,600	63,621	4.6%	461,438
Dec-21	16	57,600	24,139	5.0%	485,577
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%	63,137
Jun-22	84	302,400	102,052	4.0%	165,189

Basin Depths					
Tank #1	Tank #2	AB #1	Basin Gallons	# Dry	
6.0	4.0	0.0	450,000	149,367	
6.5	6.0	0.0	562,500	182,959	
5.5	7.0	0.0	562,500	182,959	
6.0	7.5	0.0	607,500	192,528	
6.0	8.0	0.0	630,000	199,660	
6.0	7.0	0.0	585,000	200,228	
6.0	7.0	0.0	585,000	177,054	
5.0	4.0	0.0	465,000	119,953	
4.0	4.5	0.0	382,500	113,246	
5.0	3.0	0.0	360,000	119,563	
5.0	6.0	0.0	495,000	143,111	
4.5	5.5	0.0	450,000	154,112	
7.0	3.5	0.0	472,500	173,389	
5.0	5.0	0.0	450,000	165,132	
6.0	7.0	0.0	585,000	198,549	
6.0	7.5	0.0	607,500	199,582	
6.0	7.0	0.0	585,000	185,398	
7.0	8.0	0.0	675,000	213,921	
5.0	7.0	0.0	540,000	177,668	
7.0	6.0	0.0	585,000	176,693	
2.0	3.0	0.0	225,000	59,257	
3.5	4.0	0.0	337,500	125,173	
3.0	2.0	0.0	225,000	88,442	
4.0	2.5	0.0	282,500	122,581	
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	585,000	214,872	
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	167,048	

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
1.0	1.5	0.0	4,260	4,890	3,844,405	136,015	0.00448	282,332
3.5	2.0	0.0	6,190	4,390	3,697,691	147,718	0.00479	330,676
2.0	5.0	1.0	5,760	5,940	3,767,762	183,825	0.00585	365,784
1.0	1.0	1.0	5,740	5,290	3,678,952	169,214	0.00552	361,742
1.0	7.0	1.0	6,010	6,110	3,785,624	191,322	0.00606	390,981
6.0	7.0	0.5	7,050	7,120	3,852,620	227,647	0.00709	427,875
7.0	7.0	1.0	8,890	7,380	3,892,095	231,609	0.00714	408,656
6.0	6.0	1.0	6,530	7,400	3,856,572	224,021	0.00697	343,974
1.0	1.0	0.5	6,000	6,200	3,657,238	186,658	0.0061	299,304
1.0	1.0	1.0	4,960	5,070	3,678,952	158,015	0.00515	277,578
1.0	0.0	0.5	4,780	4,080	3,639,476	134,465	0.00443	277,576
1.0	0.0	0.5	5,030	4,350	3,639,476	142,508	0.0047	306,620
1.0	0.0	0.5	3,810	3,780	3,750,000	118,689	0.0038	292,077
5.0	8.0	0.0	5,480	5,750	3,830,905	179,558	0.00562	344,690
2.0	5.0	0.5	6,830	6,330	3,746,046	205,573	0.00658	404,122
12.0	5.0	1.0	6,890	5,350	3,945,382	201,375	0.00612	391,957
13.0	14.0	1.0	6,200	6,330	4,123,002	215,427	0.00627	400,825
6.0	7.5	2.0	7,260	8,060	3,928,643	234,903	0.00717	448,824
7.0	12.0	3.0	9,190	8,110	4,057,762	279,340	0.00823	457,907
1.0	1.0	0.5	6,160	5,840	3,657,238	183,008	0.0060	359,701
1.0	1.0	0.5	5,920	6,180	3,657,238	175,383	0.0058	234,640
1.0	0.5	0.5	4,430	4,140	3,648,357	130,361	0.0043	255,554
0.5	1.0	0.0	5,130	4,960	3,626,643	152,138	0.0050	238,580
1.0	1.0	0.0	4,540	5,630	3,635,524	154,179	0.0051	276,759
1.0	3.5	0.0	5,060	5,180	3,679,829	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	5,760	3,937,478	190,464	0.0058	405,135
10.0	10.0	1.0	7,100	5,800	3,998,668	211,765	0.0054	410,021
2.0	10.0	1.0	6,290	6,630	3,856,572	207,778	0.0065	462,281
4.5	0.5	1.5	5,760	6,010	3,753,952	184,247	0.0059	351,297

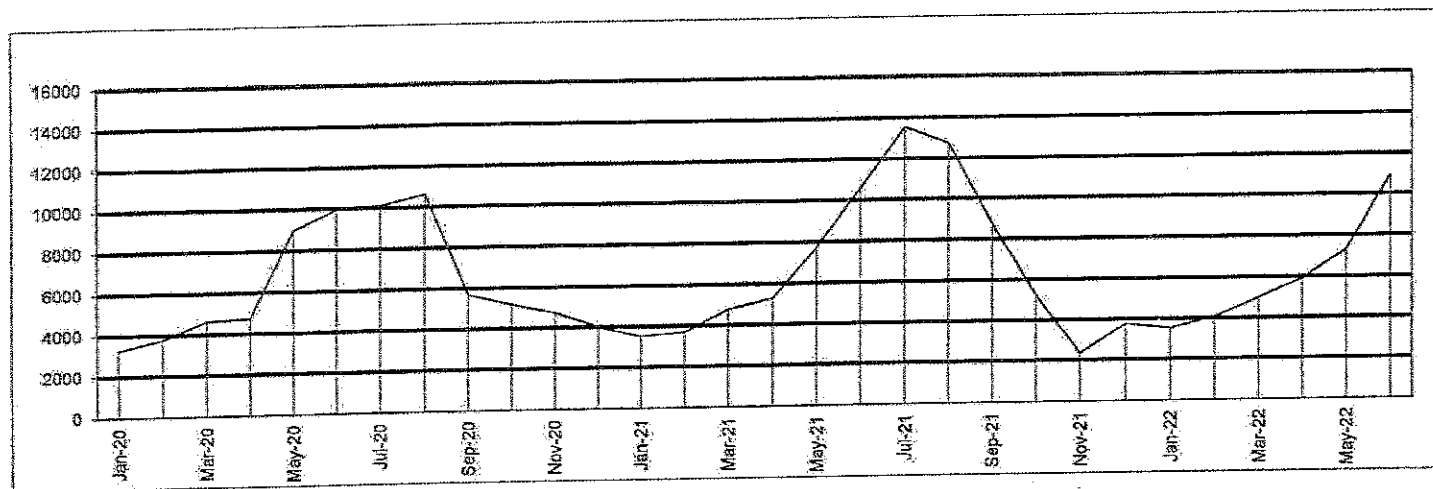
Accepted Septage	
Loads	Gallons
16	34,100
23	57,000
25	64,500
39	107,000
35	83,000
6	18,000
68	208,000
67	158,000
45	104,500
18	32,000
16	36,000
33	69,000
83	205,500
28	69,500
32	70,000
22	52,000
48	128,500
63	151,500
117	289,000
66	163,000
62	159,500
34	80,000
37	83,000
27	62,000
13	27,000
32	68,000
23	48,000
52	124,500
37	85,000
42	93,500



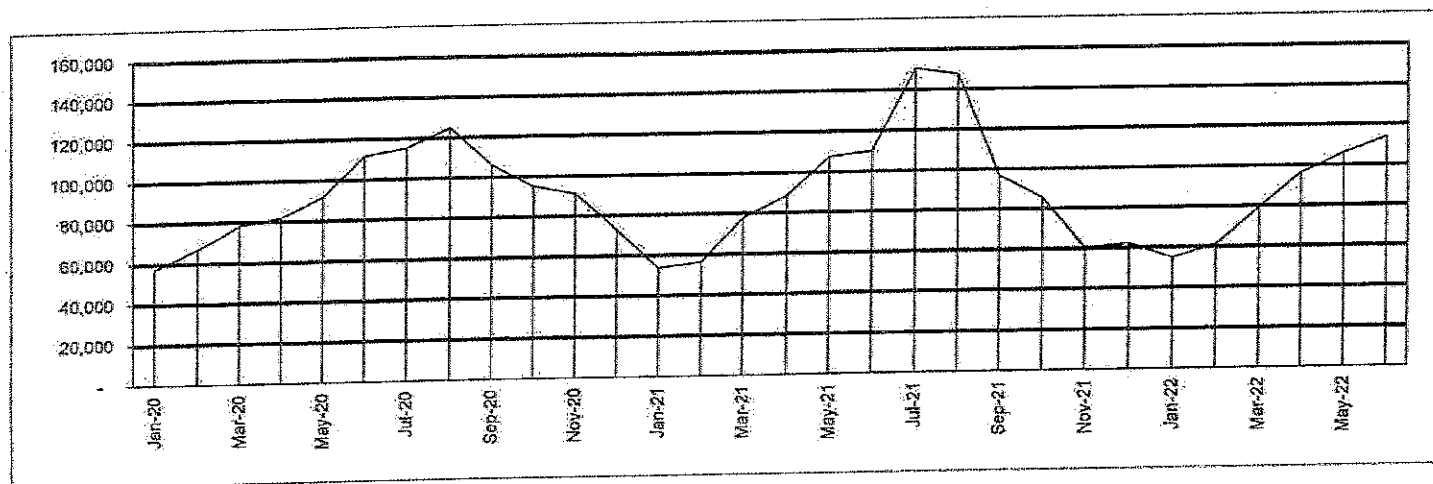
Electric Cost Kilowatts Used

Jan-20	3259	57,250
Feb-20	3760	66,830
Mar-20	4637	78,070
Apr-20	4741	81,780
May-20	8962	91,550
Jun-20	9959	111,680
Jul-20	10100	115,300
Aug-20	10619	124,800
Sep-20	5669	106,220
Oct-20	5155	94,870
Nov-20	4734	90,890
Dec-20	4009	73,020
Jan-21	3524	53,730
Feb-21	3696	56,370
Mar-21	4776	77,720
Apr-21	5281	88,390
May-21	7727	107,320
Jun-21	10610	110,130
Jul-21	13533	150,740
Aug-21	12737	147,810
Sep-21	8751	96,600
Oct-21	5233	85,530
Nov-21	2348	60,370
Dec-21	3776	62,100
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

Electric Cost



Kilowatts Used





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

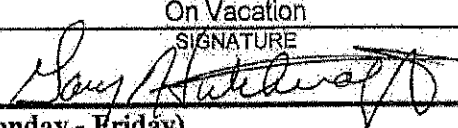
NAME OF FACILITY							LOCATION ADDRESS & CITY							COUNTY/REGION		
Lake of the Ozarks Regional WWTP #1							#3 Anderson Road							Miller/SWRO		
MONTH/YEAR		PERMIT NUMBER					OUTFALL NUMBER		TYPE TREATMENT FACILITY							
Jun-22		MO-0103241					#001		Oxidation Ditch/UV/Sludge Holding-sludge is land 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	7.2				19.8	1.947	7.6				8.8		21.3			
2	7.1				19.8	2.704	7.6				8.9		20.9			
3	7.1	155	174		19.8	1.927	7.5	2.1	1.6		8.9		20.6	98.6	99.1	
4	7.0				18.7	2.008	7.4				9.0		20.0			
5	7.4				21.7	2.116	7.7				8.8		22.0			
6	7.2				19.8	1.833	7.5				8.7	< 20	21.1			
7	7.2				20.6	1.749	7.5				8.7		21.9			
8	6.9			37.7	20.8	1.833	7.7			0.04	8.6		22.4			
9	7.2				21.3	1.790	7.8				8.8		22.1			
10	7.4	228	244		20.7	1.687	7.8	1.3	1.3		8.7		21.5	99.4	99.5	
11	7.3				20.8	2.046	7.7				8.7		21.6			
12	7.3				22.4	2.056	8.1				8.6		23.7			
13	7.0				22.2	1.906	7.5				7.8	< 20	24.2			
14	7.1				22.8	1.862	7.7				7.8		25.2			
15	6.8			22.5	22.4	1.654	7.4			0.07	8.2		25.1			
16	6.9				22.5	1.651	7.5				8.2		25.2			
17	6.8	238	376		22.6	1.823	7.5	2.3	1.7		8.3		25.4	99.0	99.5	
18	7.0				23.3	1.997	7.6				8.2		25.4			
19	7.0				21.4	2.121	7.5				8.3		23.4			
20	7.2				23.6	2.009	7.6				8.5	< 20	24.4			
21	6.9				22.6	1.767	7.6				8.4		24.6			
22	6.9			35.4	23.2	1.831	7.5			0.03	8.3		25.1			
23	6.9				23.3	1.862	7.4				8.4		24.8			
24	7.0	200	266		23.7	1.809	7.5	1.8	2.3		8.4		25.0	99.1	99.1	
25	7.1				23.1	2.088	7.5				8.4		24.5			
26	7.1				22.6	2.196	7.9				8.2		23.9			
27	6.9				21.6	2.005	7.6				8.6	< 20	22.6			
28	7.1				23.5	1.759	8.0				8.6		24.1			
29	7.4				22.8	1.681	8.1			0.10	8.7		23.5			
30	7.2				23.1	1.742	7.5				8.5		23.0			
Total						57.259										
Avg		205	265	31.9	21.9	1.909		1.9	1.7	0.06	8.5	10.0	23.3	99.1	99.3	
Min	6.8	155	174	22.5	18.7	1.651	7.4	1.3	1.3	0.03	7.8	< 20	20.0	98.6	99.1	
Max	7.4	238	376	37.7	23.7	2.704	8.1	2.3	2.3	0.10	9.0	< 20	25.4	99.4	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										
7										
8										
9										
10										
11										
12										
13										
14										
15	3.7	0.54	0.18					4.4	34.0	<0.10
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
Total	3.7	0.54	0.18					4.4	34.0	<0.10
Avg	3.7	0.54	0.18					4.4	34.0	<0.10
Min	3.7	0.54	0.18					4.4	34.0	<0.10
Max	3.7	0.54	0.18					4.4	34.0	<0.10

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

DATE Jun-22	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		0.8	5,430	800	21.2	0.5	4,340	790	21.2	66	0.8	7:30
2		0.7	6,290	890	20.9	0.5	5,950	840	21.1	61	0.7	7:30
3	5,284	1.0	5,960	880	21.3	1.7	4,910	710	20.7	57	0	7:30
4	5,284	1.3	6,320	870	19.5	1.4	6,590	860	19.8	56	0	7:30
5	5,404	1.1	6,440	820	21.8	1.2	5,930	800	21.7	59	0	7:30
6		1.1	6,767	870	21.0	1.6	6,680	850	21.0	67	0.3	7:30
7	7,986	1.0	6,880	900	21.7	1.0	6,660	880	21.7	70	0.1	7:30
8		0.9	6,930	850	22.8	0.9	5,890	830	22.8	68	0.8	7:30
9		0.9	7,080	870	22.3	1.3	6,210	800	22.3	61	0	7:30
10		1.0	6,940	870	21.8	1.3	6,010	840	21.8	67	0	7:30
11		1.2	6,590	880	22.0	1.4	5,930	800	22.2	68	0	7:30
12		1.2	6,350	840	23.9	1.2	5,870	820	23.7	81	0	7:30
13		1.0	7,220	890	24.0	1.0	6,200	780	24.0	83	0	7:30
14	6,005	1.0	6,860	890	25.1	1.0	6,270	850	25.1	81	0	7:30
15	8,287	1.1	6,630	900	25.1	1.0	6,490	860	25.2	79	0	7:30
16	8,407	1.0	6,470	870	25.1	1.0	6,640	880	25.0	79	0	7:30
17	6,665	0.9	6,200	860	25.7	0.9	6,370	880	25.5	77	0	7:30
18		1.0	6,490	830	25.8	1.0	6,590	830	25.4	75	0	7:30
19		1.1	6,530	830	22.4	1.2	7,030	820	23.6	67	0	7:30
20	7,026	1.0	6,670	860	23.8	1.0	6,440	880	23.9	66	0	7:30
21	8,646	1.0	6,840	860	24.4	1.2	6,190	860	24.4	72	0	7:30
22	6,845	0.9	6,400	840	25.2	1.0	6,630	860	25.0	77	0	7:30
23	6,005	0.8	6,390	870	24.6	1.1	6,260	830	24.5	69	0	7:30
24	6,855	1.0	7,030	890	24.9	1.0	6,540	870	24.9	71	0	7:30
25		1.3	6,510	870	24.2	1.2	6,580	880	24.2	77	0	7:30
26		1.0	6,560	870	24.2	0.9	6,830	860	24.3	74	0.6	7:30
27		0.8	6,300	850	22.5	0.8	5,760	770	22.8	62	0	7:30
28	3,423	0.8	6,050	790	24.5	1.0	6,110	830	24.2	64	0	7:30
29	3,873	1.1	6,650	880	23.2	1.3	7,520	840	22.9	63	0	7:30
30	7,056	1.0	5,760	870	23.2	1.2	6,010	830	23.6	67	0	7:30

COMMENTS:

TESTS PERFORMED BY (PRINT) John Hornback	SIGNATURE On Vacation	PHONE # (573)365-0455	DATE
REPORT APPROVED BY (PRINT) Gary Hutchcraft	SIGNATURE 	PHONE # (573)365-0455	DATE 7/7/2022

*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	
6/1/22	6/30/22
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements			Unit
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	2,704	1,909		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	1.9	mg/L	*****	*****	*****	
Mon. Location.: End of Pipe	*****	Weekly Avg.:45	Monthly Avg.:30		*****	*****		
Sample Type: 24 Hour Composite								
Frequency: Weekly								
Total Suspended Solids (TSS)	*****	2.3	1.7	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)	3.7	*****	3.7	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)	0.54	*****	0.54	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)	0.18	*****	0.18	mg/L	*****	*****	*****	
Mon. Location.: End of Pipe	Daily Max.:Monitoring Required	*****	Monthly Avg.:Monitoring Required		*****	*****		
Sample Type: 24 Hour Composite								
Frequency: Monthly								
Nitrogen, ammonia total (as N)	0.10	*****	0.06	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.:1.7		*****	*****	
pH	7.4	*****	8.1	SU	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Grab Frequency: Weekly	Minimum:6.0	*****	Maximum:9.0		*****	*****	
BOD, 5-day, percent removal	*****	*****	98.6	%	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Calculated Frequency: Monthly	*****	*****	Monthly Avg. Min.:85		*****	*****	
Suspended Solids, percent removal	*****	*****	99.1	%	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Calculated Frequency: Monthly	*****	*****	Monthly Avg. Min.:85		*****	*****	

Comments:

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

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

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

Permit Number	Outfall Number
MO0103241	INFIM
Monitoring Period	
6/1/22	6/30/22
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements			Unit
BOD, 5-day, 20 deg. C	*****	*****	205	mg/L	*****	*****	*****	
Mon. Location.: Influent	*****	*****	Monthly Avg.: Monitoring Required		*****	*****		
Sample Type: 24 Hour Composite								
Frequency: Monthly								
Total Suspended Solids (TSS)	*****	*****	265	mg/L	*****	*****	*****	
Mon. Location.: Influent	*****	*****	Monthly Avg.: Monitoring Required		*****	*****		
Sample Type: 24 Hour Composite								
Frequency: Monthly								
Nitrogen, ammonia total (as N)	37.7	*****	31.9	mg/L	*****	*****	*****	
Mon. Location.: Influent	Daily Max.: Monitoring Required	*****	Monthly Avg.: Monitoring Required		*****	*****		
Sample Type: 24 Hour Composite								
Frequency: Monthly								
Phosphorus, total (as P)	4.4	*****	4.4	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)	34.0	*****	34.0	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)	<0.10	*****	<0.10	mg/L	*****	*****	*****	
Mon. Location.: Influent	Daily Max.: Monitoring Required	*****	Monthly Avg.: Monitoring Required		*****	*****		
Sample Type: 24 Hour Composite								
Frequency: Monthly								

Comments:

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

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

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

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

eSignature Gary Hutchcraft	Submission Date July 7, 2022	User Phone Number (573)365-0455
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2022 JUN 21 2022

787022



Bids for Crack seal, Sealcoat/SlurrySeal & Pin Parking Blocks on Asphalt Parking Lot

Bidder	Budgeted Amount	Total Bid
Main Street Asphalt Maintenance	\$2,500.00	\$3,878.40
Presutti Asphalt	"	\$3,500.00
Charlton Paving & SlurrySeal	"	\$2,275.00