OSAGE BEACH / LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
June 21st, @ 4:00 p.m.
LAKE OZARK CITY HALL

1. CALL TO ORDER

2. ROLL CALL

Mayor, Osage Beach, Michael Harmison
Mayor, Lake Ozark, Dennis Newberry
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

	Page Numbers
Regular Meeting: May 17th, 2022	**2-3**

4. REPORTS

Bill List	**4-13**
Revenue Budget Analysis	**14**
Expenditure Budget Analysis	**15**
Income & Expense Summary	**16**
May 2022 Alliance Report of Operations	**17-35**
Approval of Flow Chart; May 2022	

5. OLD BUSINESS

A. Board Representative Update

6. NEW BUSINESS

A. Review bids with possible approval for upgrading bulbs/fixtures to LED's & two new industrial fans in RAS basement.	**35**
B. Review of the 2021 Joint Sewer Board Audit Report	**36-61**
C. **Election of Officers**	

7. ADDITIONAL DISCUSSION ITEMS

8. ADJOURNMENT

THE NEXT MEETING WILL BE July 19th, 2022 4:00 PM @ LAKE OZARK CITY HALL

LAKE OZARK-OSAGE BEACH
JOINT SEWER BOARD
Meeting Minutes – May 17th, 2022

CALL TO ORDER:

Mayor Michael Harmison called the meeting to order at 4:00 pm on Tuesday, May 17th, 2022 at Lake Ozark City Hall.

ROLL CALL:

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

MINUTES:

City Administrator Lake Ozark, David Mitchem motioned to approve the modified meeting minutes from May 17th, 2022. His motion was seconded by City Administrator Osage Beach, Jeana Woods and passed unanimously.

REPORTS:

- Bill List – Motion to approve by Resident Member, Mr. Gary Hamner. His motion was seconded by City Administrator Lake Ozark, David Mitchem. Passed unanimously.
- Revenue Budget Analysis – Motion to approve by Alderman Osage Beach, Kevin Rucker. His motion was seconded by Public Works Operations Manager, Kevin Crooks. Passed unanimously.
- Expenditure Budget Analysis – Motion to approve made by City Administrator Osage Beach, Jeana Woods. Her motion was seconded by Public Works Director Lake Ozark, Matt Michalik. Passed unanimously.
- Income & Expense Summary, Check Registers and Bank Statements were reviewed. Motion made by City Administrator Lake Ozark, David Mitchem to approve. His motion was seconded by Public Works Operations Manager, Kevin Crooks. Passed unanimously.

ALLIANCE REPORT OF OPERATIONS:

Alliance Report of Operations: The average daily incoming flow for April was 1.156 mgd. We had 6.3 inches of precipitation in April measured at the WWTP.

Operationally, the plant's discharge was excellent, with an effluent monthly average BOD and TSS of 2.6 mg/l and 2.5 mg/l respectively for April which represents a 98.9 + % or better removal.
The MLSS average for both aeration basins was 6,491 mg/l in April. The total dry weight sludge inventory for April totaled 410,021 pounds. There were 47 loads of biosolids, or 169,200 gallons land applied in April. We received 52 loads of septage or 124,500 gallons for April.

APPROVAL OF FLOW CHART

Motion was made by City Administrator Osage Beach, Jeana Woods to approve the Flow Charts for April 2022. Her motion was seconded by Public Works Director Lake Ozark, Matt Michalik. Unanimous approval, motion passed.

OLD BUSINESS:

A. Board Representative Update Public Works Director Lake Ozark, Matt Michalik noted that the plant is running well and that there are no issues.

NEW BUSINESS:

A. Discussion of the rebid for the Aeration Gear Box Replacement project bid, opening on May 20th, 2022. Motion made by City Administrator Lake Ozark, David Mitchem to give both wastewater managers authority to accept and proceed on a bid that will not exceed $75,000, without a vote from the board. His motion was seconded by City Administrator Osage Beach, Jeana Woods. Unanimous approval, motion passed.
B. Discussion and possible approval of Tenner Garage door for the garage door replacement. Motion to approve the bid amount $2790. Motion made by Public Words Director Lake Ozark, Matt Michalik to approve the bid. His motion was seconded by Alderman Osage Beach, Kevin Rucker. Unanimous approval. Motion passed.
C. Discussion and possible approval of the UV bulbs, sleeves, and supplies bid. Motion made by Resident Member, Mr. Gary Hamner to approve bids. He was seconded by Public Works Operations Manager, Kevin Crooks. Unanimous approval. Motion passed.
D. Discussion and possible approve of JCI rebuilding another RAS pump. Motion to approve made by Public Words Director Lake Ozark, Matt Michalik and seconded by City Administrator Lake Ozark, David Mitchem, and was passed unanimously.
E. Update signature cards to update and add Mayor, Osage Beach, Michael Harmison.

ADDITIONAL DISCUSSION ITEMS:

Question about using solar to power the sewer plant. As of now this will not be an option because of the power need to operate the plant.

Discussion about future purchases of new pumps and options for rebates from Ameren and grants from DNR.

Question about why election of officers is not on the agenda which have always been done in May. Advised the election of officer will be on the June 15, 2022 Agenda.

ADJOURNMENT:

With no further business to discuss, the meeting adjourned at 4:31 pm.

Approved on:

____________________________ ____________________________

Mayor, Michael Harmison Clerk, Robin Craig

JOINT SEWER BOARD
BILL LIST
JUNE 21, 2022

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	$	2,700.00
OPERATING FUND BILLS TO BE PAID:	$	48,288.62
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	$	-
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	$	3,046.40
TOTAL	$	54,035.02

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Check	Paid To:	Description:		Amount:
420	589	Gerding, Korte & Chitwood	2021 Audit	$	2,700.00
				$	-
			TOTAL	$	2,700.00

OPERATING FUND BILLS TO BE PAID:

Account	Check	Paid To:	Description:		Amount:
4000	590	Equipment Replacement Fund	Payment into ER Fund	$	4,584.00
4020	591	Core & Main	Chlorine for cleaning	$	848.46
4020	592	Grainger	Timer/Counters for Clarifiers 1&2	$	599.04
4020	592	Grainger	Timer for Clarifier 2	$	337.60
4020	593	Haynes Equip	Calibration of Meters & Repairs	$	3,562.00
4020	594	Jani King	June	$	197.15
4020	595	John Henry Foster	UV Air wiper cylinders	$	2,050.54
4020	596	M/C QuickBooks	Accounting Software	$	25.00
4020	597	Menards	Weedeater	$	219.99
4020	597	Menards	Light Switch	$	4.09
4020	597	Menards	Cleaner & Hose Nozzle	$	36.93
4020	597	Menards	Cleaning supplies & weed killer	$	210.22
4020	597	Menards	Replacement Decking	$	45.75
4020	597	Menards	Decking Board	$	9.69
4020	597	Menards	Deck Skrews	$	6.99
4020	598	Smart Postal	Ship RAS Flow Meter	$	15.80
4020	599	USA Blue Book	Garden Hose Adapter	$	55.21
4020	600	WSG & Solutions, Inc.	Bar Screen Shear Pins	$	325.00
4020	601	O'Reilly	Grease for plant maintenance	$	74.90
4150	601	O'Reilly	Oil for Sludge Trk	$	32.99
4170	602	Alliance Water Resources, Inc.	June	$	27,590.00
4175	603	Ameren MO	11673321	$	7,175.84
4175	603	Ameren MO	98041275	$	116.59
4176	604	AT&T	June	$	102.99
4176	605	Republic	June	$	61.85
			TOTAL	$	48,288.62

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	1067	Lake Sun Leader	BidAerator Gear Box	$	255.50
4000	1068	Renner Supply Co.	Garage Door Headworks Bldg	$	2,790.90
			TOTAL	$	3,046.40

GKC
GERDING, KORTE & CHITWOOD CPAs
Professional Corporation * Certified Public Accountants
723 Main St.
Boonville, Missouri 65233
660-882-7000 / FAX: 660-882-7765

Invoice Number: 31904

LAKE OZARK - OSAGE BEACH
JOINT SEWER TREATMENT PROJECT
1000 CITY PARK WAY
OSAGE BEACH, MO 65065

Invoice Date: 04/30/22

We accept Mastercard, Visa & Discover

FOR PROFESSIONAL SERVICES:

AUDIT OF FINANCIAL STATEMENTS FOR THE YEAR ENDED DECEMBER 31, 2021

TOTAL DUE: $ $2,700.00

Accounts unpaid after 30 days will be subject to a finance charge of 1.5% per month.

Cut here and return lower portion with payment

LAKE OZARK - OSAGE BEACH
JOINT SEWER TREATMENT PROJECT
1000 CITY PARK WAY
OSAGE BEACH, MO 65065

Amount Enclosed: $ ____________

Invoice Number: 31904

HAYNES EQUIPMENT

Invoice

Invoice Number	27493H
Invoice Date	6/15/2022
Terms	Net 30

RECEIVED
JUN 15 2022

15725 Pflumm Rd.
Olathe, KS 66062
(913) 782-4962
Fax: 913-782-5894
www.haynesequip.com

Sold To:
Joint Sewer Board
PO Box 1985
Lake Ozark, MO 65049

Ship To
Joint Sewer Board
PO Box 1985
Lake Ozark, MO 65049

PO Number		Job Number

Rep	Job Name
SB	

Item	Description	Rate	Qty	Amount
Calibrate	Calibrate for Flow Meters	1,300.00	1	1,300.00
Service	installation of reversing contactor and testing	1,300.00	2	2,600.00T
Misc-KC Parts	counters and timers discount	-338.00	1	-338.00T

CALIBRATION OF ALL FLOW METERS
+ CLARIFIERS 1+2 DUCKING SKIMMER ARMS REPAIR

GL Acct#: 4020

Signature:

Date: 6/15/22

All invoices over $1,000 paid by credit card are subject to a 3.5% handling charge

Past Due Invoices Are Subject To Late Fee's
Of 1 1/2% Per Month
Terms: Net 30 Days

Memo:

Net Invoice:	$3,562.00
Sales Tax: (0.0%)	$0.00
Invoice Total:	$3,562.00

John Henry Foster
pneumatic and hydraulic equipment www.jhf.com

REMIT TO: **P.O. BOX 419161**
Creve Coeur, MO 63141-9161

Ph (314) 427-0600
Fax (314) 427-3502

Invoice #	INV-00526969
Page	1 of 1
Invoice Date	06/01/2022

SOLD TO

Account #: C016283
Joint Sewer Board
c/o Alliance Water Resources
P.O. Box 1985
Lake Ozark, MO 65049

SHIP TO

C016283
Joint Sewer Board
c/o Alliance Water Resources
P.O. Box 1985
Lake Ozark, MO 65049

Customer PO Number	Ship Date	Salesperson	Packing Slip #	Terms	Order Date
Verbal/Gary	06/01/2022	Conner Faris	PS-00888376	Net 20 Days	05/19/2022

JHF Order #	Order Entered By	Placed By	Ship Via / Secondary Ship Via	
SO-00431637	Conner Faris	Gary Hutchcraft	UPSG	Bestway

Part Number / Description	Ordered	Shipped	Backordered	Price Each	Extension
OSPP4000000007600000000000 PARKER-ORIGA LINEAR DRIVE SYSTEM	2	2	0	993.65	1,987.30

WIPER
UV AIR CYLINDER'S

GL Acct#: 4020
Signature: Gary Hutchcraft
Date: 6/6/22

Review and place orders at www.jhf.com!	Subtotal	Charges	Freight	Sales Tax	TOTAL
Subject to Terms and Conditions at http://www.jhf.com/terms_of_purchase.htm	1,987.30	0.00	63.24	0.00	2,050.54

QF-03-02 10-01-2005

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MISSOURI

- 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	**$7,175.84**
Due Date	**06/30/2022**
Amount After Due Date	$7,247.60
Previous Statement	$5,712.37
Total Payments	$5,712.37

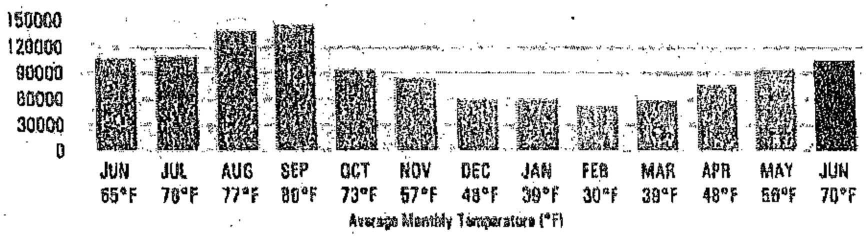
Payment Received. Thank You.

Current Detail for Statement 06/09/2022

Total Electric Charges	$7,175.84
Total Amount Due	$7,175.84

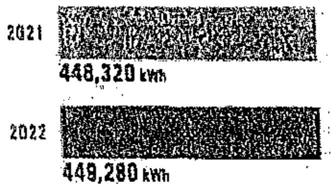
Electric Usage History

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-Jun for 2021 & 2022

13073
01530 2078998 003051 006101 000140002

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:
Date: 6/9/22

» See next page for service details.

Keep this portion for your records.

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MISSOURI

☐ Check if you have address changes on back.

Amount Due	Due Date
$7,175.84	June 30, 2022
Delinquent Amount After Due Date	**Account Number**
$7,247.60	4580005832

Amount Enclosed $ ____________

>001530 2078998 0001 092139 10Z

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

AMEREN MISSOURI
PO BOX 88068
CHICAGO IL 60680-1068

40600000 0045800058302 000007175840 000007175840

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- Customer Service: 1.877.426.3736

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Electric Service Details **Service from 05/08/2022 - 06/07/2022 (30 days)**

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
11673321	05/08 - 06/07	30	Total kWh	Actual	73282.0000	72625.0000	657.0000	160.0000	105120.0000
11673321	05/08 - 06/07	30	Peak kW	Actual	1.3820	0.0000	1.3820	160.0000	221.1200

Usage Summary

Total kWh	105120.0000	Summer kWh	24528.0000
Non-Summer kWh	80592.0000	Peak kW	221.1000
Billing Demand	221.1000	Total Billing Demand	221.1000
October Winter Base kW	162.4000	Winter Base Demand	162.4000
Base kWh Ratio	0.7345	Base kWh (HUD)	59195.0000
Seasonal kWh (HUD)	21397.0000		

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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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

Due Date **06/30/2022**
Account Number 4580006832
Service Address 3 ANDERSON RD,

Electric Service Details (Continued)

Rate 3M Large General Service

DESCRIPTION	USAGE	UNIT		RATE	CHARGE
Seasonal Energy Charge	21,397.00	kWh	@	$ 0.03870000	$828.06
Summer Demand Charge	221.10	kW	@	$ 1.36966471	$302.83
Winter Demand Charge	221.10	kW	@	$ 1.67133188	$369.53
Energy Charge/Hours Used	7,738.00	kWh	@	$ 0.10540000	$815.59
Energy Charge/Hours Used	10,318.00	kWh	@	$ 0.07930000	$818.22
Energy Charge/Hours Used	6,472.00	kWh	@	$ 0.05340000	$345.60
Base Energy Charge / Hours Used	18,676.00	kWh	@	$ 0.06620000	$1,236.35
Base Energy Charge / Hours Used	24,901.00	kWh	@	$ 0.04920000	$1,225.13
Base Energy Charge / Hours Used	15,618.00	kWh	@	$ 0.03870000	$604.42
Customer Charge					$104.88
Fuel Adjustment Charge	105,120.00	kWh	@	$ 0.00223484	$234.91
Energy Efficiency Investment Charge	105,120.00	kWh	@	$ 0.00326200	$342.90
Renewable Energy Adjustment	105,120.00	kWh	@	$-0.00050000	$-52.56
				Total Service Amount	$7,175.84
				Total Electric Charges	**$7,175.84**

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
May 23, 2022	$5,712.37

01530 2076956 003052 006103 00020002

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.

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

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

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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 06/09/2022

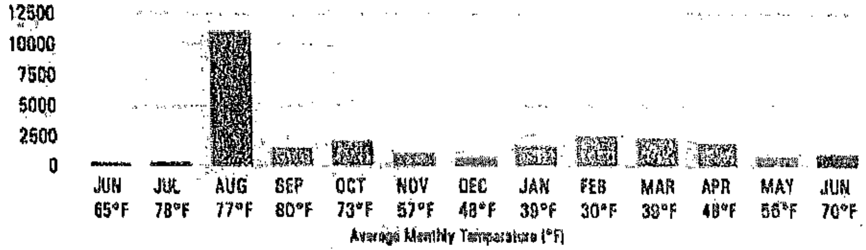
Total Electric Charges	$116.59
Total Amount Due	$116.59

AMOUNT DUE	**$116.59**
Due Date	**06/30/2022**
Amount After Due Date	$117.76
Previous Statement	$94.27
Total Payments	$94.27

Payment Received. Thank You.

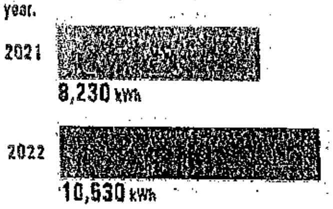
Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year, you're using **27.9% more** than last year.



Usage from Jan-Jun 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: [illegible]
Date: 6/9/22

» See next page for service details.

Keep this portion for your records.

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Ameren
MISSOURI

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Amount Due	Due Date
$116.59	June 30, 2022
Delinquent Amount After Due Date	**Account Number**
$117.76	5580005920

Amount Enclosed $ __________

>001529 2078998 0001 092139 10Z

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

AMEREN MISSOURI
PO BOX 88068
CHICAGO IL 60680-1068

30633000 0055800059200 000000116590 000000116590

Electric Service Details

Service from 05/08/2022 - 06/07/2022 (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	05/08 - 06/07	30	Total kWh	Actual	24673.0000	24575.0000	98.0000	10.0000	980.0000
98041275	05/08 - 06/07	30	Peak kW	Actual	5.1720	0.0000	5.1720	10.0000	51.7200

Usage Summary

Total kWh	980.0000	Summer kWh	229.0000
Non-Summer kWh	751.0000	Winter Base kWh	1830.0000
Current Base kWh	980.0000	Summer Cur Base kWh	229.0000
Winter Cur Base kWh	751.0000	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	229.00	kWh	@	$ 0.11350000	$25.99
Base Energy Charge	751.00	kWh	@	$ 0.08480000	$63.68
Seasonal Energy Charge	0.00	kWh	@	$ 0.04880000	$0.00
Customer Charge					$21.86
Fuel Adjustment Charge	980.00	kWh	@	$ 0.00223464	$2.19
Energy Efficiency Investment Charge	980.00	kWh	@	$ 0.00343000	$3.36
Renewable Energy Adjustment	980.00	kWh	@	$ 0.00050000	$-0.49
				Total Service Amount	$116.59
				Total Electric Charges	**$116.59**

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
May 23, 2022	$94.27

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

Address Changes or Corrections

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

AmerenMissouri.com/WaysToPay

ONLINE E-CHECK

ONLINE CREDIT CARD

PHONE 866.268.3729

MAIL STUB & CHECK

IN PERSON FIND A PAY STATION AT AMERENMISSOURI.COM/PAYSTATION

DELDEN MFG. CO. - TIN #43-0807248 DBA

RENNER SUPPLY COMPANY
Garage Door Sales & Service

☐ 3630 N. Kimball Drive
Kansas City, MO 64161
(816) 413-1050

☐ 3252 N. Glenstone, B-100
Springfield, MO 65803
(417) 833-1201

☑ 3397 Old Route 5
Camdenton, MO 65020
(573) 346-1020

WORK ORDER

No. 162785

COMPUTER NO.

DATE: 5-23-22

INSTALLER USE ONLY	
INSTALLER INITIALS	
KEY NO.	
DATE OF INSTALLATION	

SOLD TO

ACCOUNT NO.
P.O. NO. Google
Joint Sewer Board
P.O. Box 1985
Lake Ozark, Mo. 65049
CONTACT
EMAIL jhutchcraft@alliancewater.c
BUS PHONE
HOME PHONE

JOB ADDRESS

Alliance Water
3 Anderson Rd.
Lake Ozark, Mo.
CONTACT Gary
EMAIL
BUS PHONE
HOME PHONE 573-360-0455

[illegible] JUN 14 2022

SALESMAN NO.	TAX CODE	TERMS	PAYMENT TYPE	SHIP VIA	INSTALLATION NOTES
	☐ SURCHARGE	☐ NET 4	☐ CASH	☑ [illegible]	☑ READY
DATE JOB CHECKED	☐ PICKUP TAX	☑ COD 5	☐ CHECK	☐ PICKUP	☐ WILL CALL
	☐ EXEMPT		☐ CREDIT CARD	☐ OTHER	☐ HOLD

	DOOR 1		DOOR 2		OPERATOR/SECTIONS	
	DESCRIPTION	PRICE	DESCRIPTION	PRICE	DESCRIPTION	PRICE
QUANTITY	1					
SIZE	12'x12					
MODEL	625-C	2,105.90				
COLOR	White					
DESIGN	Comm Ribbed					
GLASS	NO					
INSULATION	Yes					
WINDLOAD	YES [✓ NO]		YES / NO			
STRUT QTY	1ea					
TRACK	RA / 15R					
HEADROOM	16"					
SPRING	[✓ TOR] / EXT		TOR / EXT			
STOP	PVC					
LOCK	D-80					
MISC. MATERIAL						
						2,105.90

ADDITIONS

TD / Haul

Take 2 - Spring Anchors

*Note: use nylon rollers

REPLACEMENT GARAGE DOOR IN HEADWORKS BLDG.

GL Acct#: E/R

Signature:

Date: 6/14/22

Exempt	RETAIL SALES TAX
	INSTALLED SURCHARGE
685	LABOR
$2,790.90	TOTAL

All material is guaranteed to be as specified. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon accidents or delays beyond our control. Our workers are fully covered by Workman's Compensation Insurance.

ACCEPTANCE OF TERMS

The prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Signature ______________________ Date ______________

This proposal may be withdrawn if not accepted within thirty (30) days.

CWO01-08/16

BILLING COPY

MONTH-TO-DATE AND YEAR-TO-DATE
REVENUE/BUDGET ANALYSIS
5/31/2022

Account Number	Account Name	2020 Actual	2021 Actual	2022 Budget	2022 Actual as of 5/31/2022	2022 May Revenue	Percent YTD
3020	Osage Beach	475,836.10	465,202.63	470,050.00	190,733.14	38,398.48	41%
3010	Lake Ozark	74,163.90	84,797.35	82,950.00	39,183.51	7,684.85	47%
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	728.22	120.34	29%
3060	Waste Haulers' Fee	39,320.00	60,520.00	56,000.00	15,530.00	3,790.00	28%
	Total Operating Fund	597,839.49	635,220.20	611,500.00	246,174.87	49,993.67	40%
	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	247,501.76	50,457.50	40%

MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
5/31/2022

Account Number	Account Name	2020 Actual	2021 Actual	2022 Budget	2022 Actual as of 5/31/2022	2022 May Expenses	Percent YTD
4000	Equipment Replace Fund	71,604.00	143,608.00	55,000.00	22,920.00	4,584.00	42%
4020	*Maintenance & Repair	26,299.39	104,853.81	142,000.00	15,412.06	1,842.93	11%
4140	Insurance	19,865.00	21,493.00	22,000.00	22,088.00	868.00	100%
4150	Vehicle Repair/Main	12,479.74	11,099.99	8,000.00	3,756.27	3,224.70	47%
4170	Contract Management	305,580.00	308,640.00	327,158.00	137,950.00	27,590.00	42%
4175	Electric	75,077.36	82,227.41	92,000.00	22,171.48	5,806.64	24%
4176	Utilities Misc.	2,485.59	3,528.17	3,750.00	2,139.11	163.63	57%
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	0.00	0.00	0%
4240	Capital Purchases	0.00	399.99	500.00	0.00	0.00	0%
	Totals	516,072.18	676,450.37	653,108.00	226,436.92	44,079.90	35%
	**E/R Expenses	85,258.27	202,161.70	59,500.00	272.30	0.00	0%
	TOTAL EXPENSES	601,330.45	880,612.07	712,608.00	226,709.22	44,079.90	32%

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 rem	100,000	Tier 2
	142,000.00	

DETAIL: Equipment & Replacement

Replace garage door in headwor	3,500	Tier 1
Replace wooden doors w/fibergl	2,000	Tier 1
Replace lab refrigerator/freezer	3,500	Tier 1
Replacement 6" valve for sludge	500	Tier 1
Replace Light Fixtures in headw	5,000	Tier 1
Replace aerator gear box - new	45,000	Tier 1
	59,500.00	

OPERATING FUND INCOME AND EXPENSE SUMMARY
5/31/2022

Beginning Balance	**312,913.76**
Income - Osage Beach	38,398.48
Income - Lake Ozark	7,684.85
Income - Other	-
Income - Waste Haulers' Fees	3,790.00
Interest - Checking	2.69
Income - CD Interest	117.65
Transfers From E/R Fund	-
Transfers To E/R Fund	(4,584.00)
Expenses	(39,495.90)
Ending Fund Balance	**318,827.53**
Central Bank - NOW Acct.	98,090.36
	-
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:	(259.20)
	318,827.53

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
5/31/2022

Beginning Balance	**498,363.99**
Interest - Checking	68.82
Income - CD Interest	395.01
Transfers From Operating Fund	4,584.00
Income - Miscellaneous	-
Expenses	-
Ending Fund Balance	**503,411.82**
First Bank of the Lake - Money Mkt.	123,530.04
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:	-
	503,411.82

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 May 2022

Submitted by Alliance Water Resources, Inc. for the

June 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 Coliform Colonies/100 ml	Ammonia as N mg/L	O&G mg/L
Monthly/Quarterly Avg	2.8	2.7	N/A	10.0	0.19	< 4.8
Peak Day	5.7	5.1	7.5	< 20	0.79	< 4.8
Percent Removal	98.6	99.1	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 1.602 MGD or 53% 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 85858 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 16 tanker loads of bio-solids during the month equivalent to a total of 57,600 gallons and 21,017 pounds dry weight solids.

83,137 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 697,500 gallons with a level of 8.5 feet in Tank 1 and 7.0 feet in Tank 2.

WASTEHAULERS

The plant received 37 loads of septage during the month totaling 85,000 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)
- We replaced two bar screen sheer pins and a repair link on the drive chain on bar screen #1 on the 5th of May.
- JCI had the company that inspected the overhead hoist in the tool room come back and change out the bad power rails that were deemed unsafe during this year's inspection on the 12th of May.
- We noticed when making rounds on the 12th of May that the generator was in an alarm mode. We called Martin Energy Group and they sent their technician out and found that it was in the mother board of the generator. They called the factory rep with Cummins, and they sent one of their technicians out to do a reset and got it back online.
- We had to replace one of the decant lift station float switches on the 25th of May.
- When changing the float switch, we noticed that one of the pumps was not working properly so we called JCI and had them pick it up to see what's wrong with it on the 31st of May. While they were here, they picked up the RAS pump that was approved to be rebuilt at last months Joint Sewer Board meeting.

SAFETY

- We conducted our monthly Safety Meeting on Electrical Safety: NFPA 70E-Arc Flash and Arc Flash Roles & Responsibilities on the 19th of May.

REGULATORY AGENCY, INSPECTION AND REPORTS

- We filled out the new EDMR on the EPA MoGEM website on the 8th of June.

MISCELLANEOUS AND RECOMMENDATIONS

- We invited five local vendors to bid on the upgrade of the fluorescent light bulbs/fixtures to LEDs in all the buildings at the treatment plant and received four bids back. (See attached bid sheet)

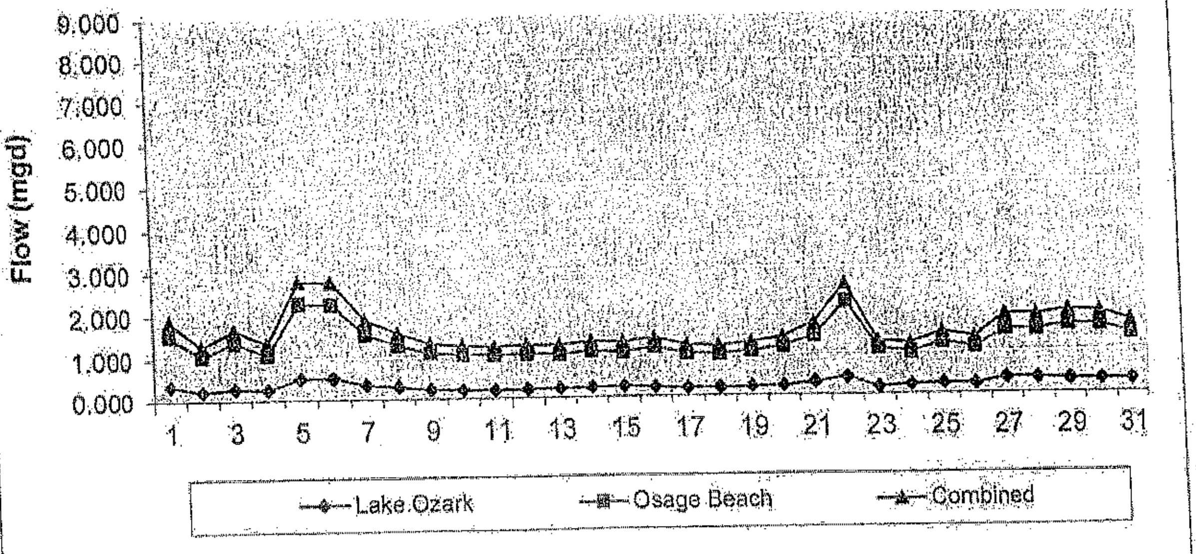
TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF **May** **2022**

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	0.351	1.540	1.891	18.6	81.4						
2-May	0	0.225	1.060	1.285	17.5	82.5						
3-May	1	0.290	1.391	1.681	17.3	82.7						
4-May	0	0.253	1.094	1.347	18.8	81.2						
5-May	2.5	0.514	2.276	2.790	18.4	81.6	155	170	238	164	168	388
6-May	0.5	0.515	2.252	2.767	18.6	81.4						
7-May	**0**	**0.347**	**1.543**	**1.890**	**18.4**	**81.6**						
8-May	**0**	**0.293**	**1.289**	**1.582**	**18.5**	**81.5**						
9-May	0	0.219	1.099	1.318	16.6	83.4						
10-May	0	0.205	1.057	1.262	16.2	83.8						
11-May	0	0.200	1.040	1.240	16.1	83.9						
12-May	0	0.207	1.056	1.263	16.4	83.6						
13-May	0	0.216	1.034	1.250	17.3	82.7	225	190	193	154	210	262
14-May	**0**	**0.230**	**1.098**	**1.328**	**17.3**	**82.7**						
15-May	**0**	**0.243**	**1.061**	**1.304**	**18.6**	**81.4**						
16-May	0.5	0.221	1.178	1.399	15.8	84.2						
17-May	0	0.195	1.028	1.223	15.9	84.1						
18-May	0.3	0.194	1.000	1.194	16.2	83.8						
19-May	0	0.205	1.069	1.274	16.1	83.9						
20-May	0.25	0.218	1.170	1.388	15.7	84.3	298	188	220	258	174	278
21-May	**2.25**	**0.305**	**1.403**	**1.708**	**17.9**	**82.1**						
22-May	**0**	**0.409**	**2.204**	**2.613**	**15.7**	**84.3**						
23-May	0	0.174	1.102	1.276	13.6	86.4						
24-May	0	0.220	0.991	1.211	18.2	81.8						
25-May	1	0.240	1.244	1.484	16.2	83.8						
26-May	0.2	0.239	1.109	1.348	17.7	82.3						
27-May	0.8	0.358	1.520	1.878	19.1	80.9	153	133	178	172	86	292
28-May	**0**	**0.361**	**1.514**	**1.875**	**19.3**	**80.7**						
29-May	**0**	**0.329**	**1.640**	**1.969**	**16.7**	**83.3**						
30-May	0	0.318	1.610	1.928	16.5	83.5						
31-May	0	0.303	1.404	1.707	17.8	82.2						
SUM	9.1	8.597	41.076	49.673								
AVG		0.277	1.325	1.602	17	83	208	170	207	187	160	305

NOTE: BOLD PRINT INDICATES WEEKEND DAYS

Daily Flow
Figure 1



Effect of Rainfall on Flow
Figure 2

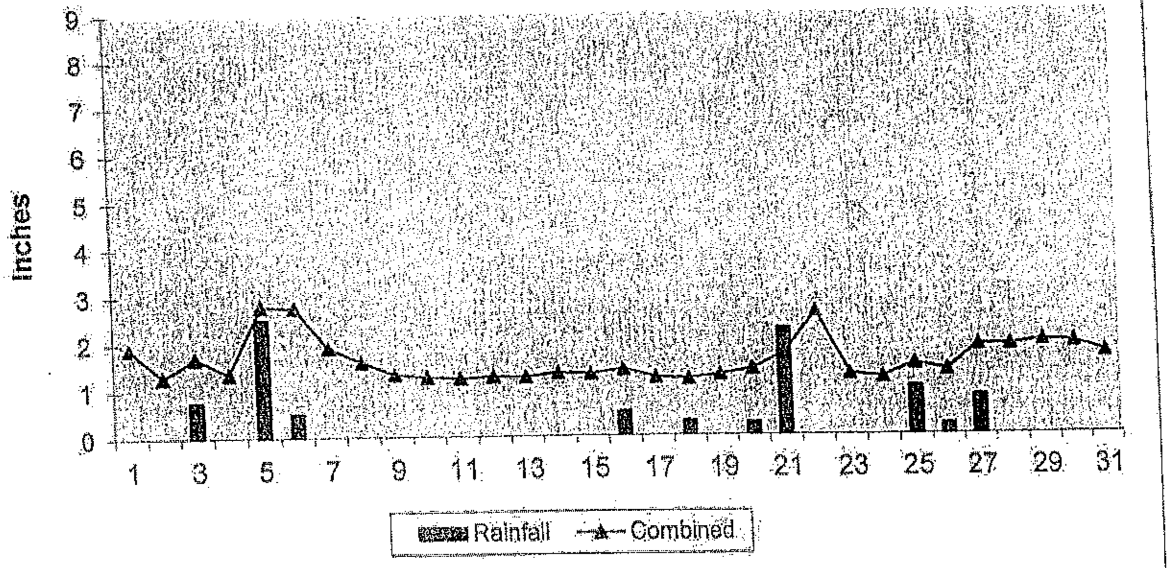
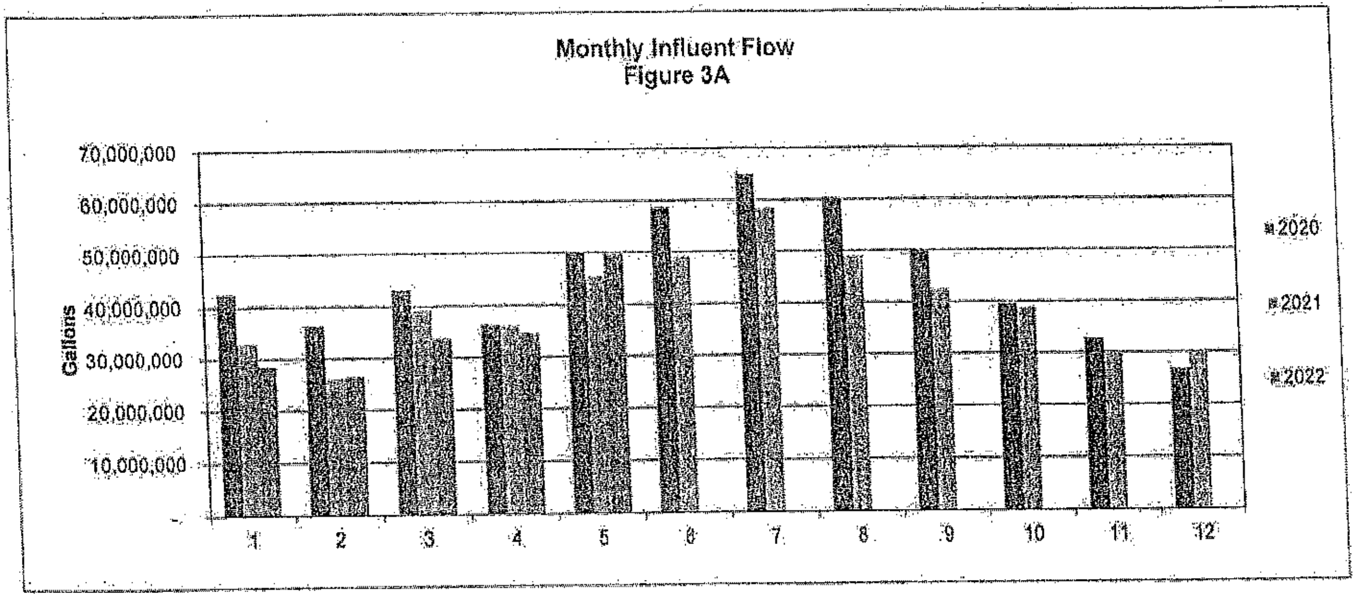


TABLE B
JOINT SEWER BOARD
Monthly Flows

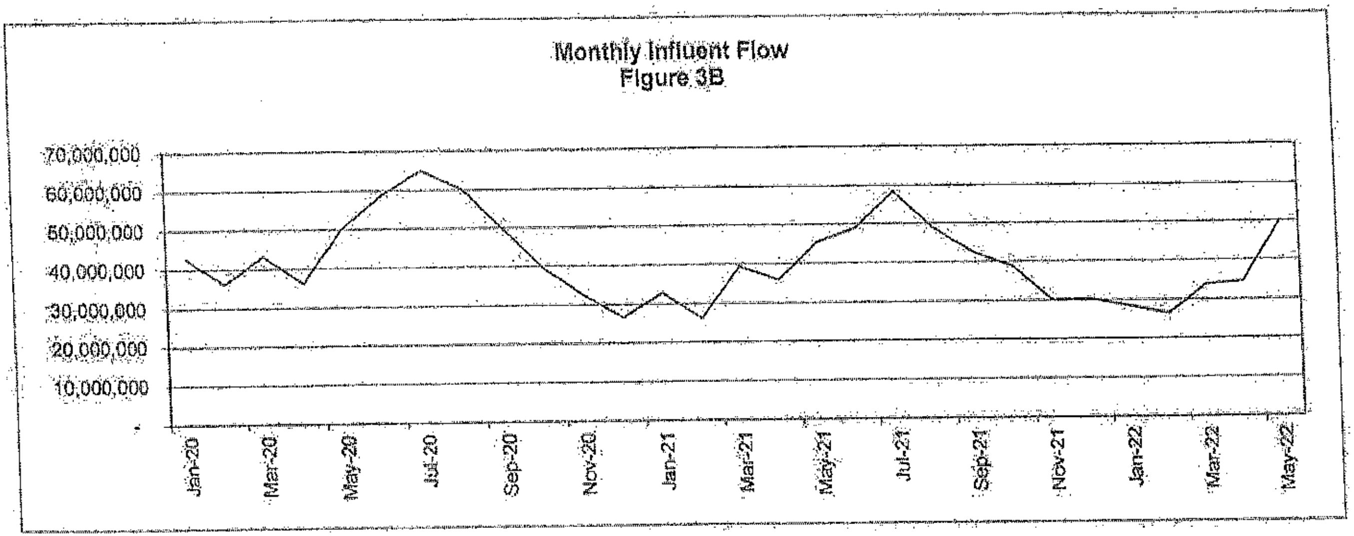
2020	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
January	7.7	36,806,000	86%	5,780,000	14%	42,586,000	100%
February	3.6	31,279,000	86%	4,986,000	14%	36,265,000	100%
March	6.1	37,286,000	86%	5,888,000	14%	43,174,000	100%
April	5.2	31,967,000	88%	4,324,000	12%	36,291,000	100%
May	5.3	43,538,000	87%	6,443,000	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%

2021	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
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%

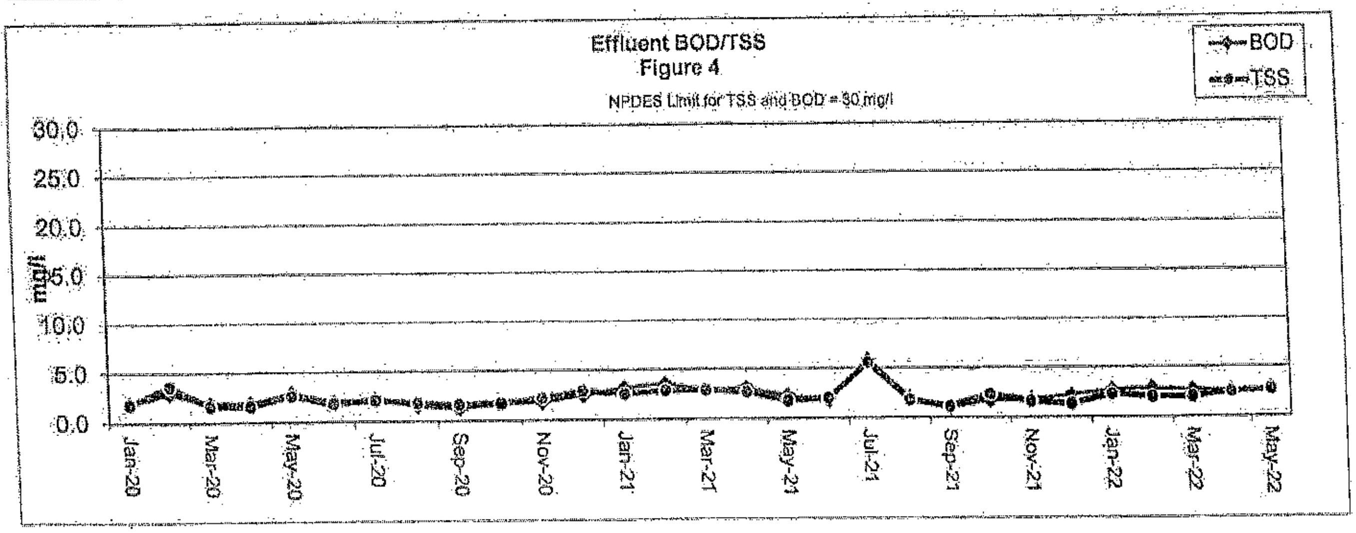
2022	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
January	1.7	23,599,000	83%	4,824,000	17%	28,423,000	100%
February	3.8	21,853,000	83%	4,610,000	17%	26,463,000	100%
March	5.2	28,266,000	83%	5,657,000	17%	33,923,000	100%
April	6.3	28,580,000	82%	6,088,000	18%	34,668,000	100%
May	9.1	41,076,000	83%	8,597,000	17%	49,673,000	100%
June							
July							
August							
September							
October							
November							
December							
	26.0	143,374,000	83%	29,776,000	17%	173,150,000	100%



Monthly Influent Flow
Figure 3A



Monthly Influent Flow
Figure 3B

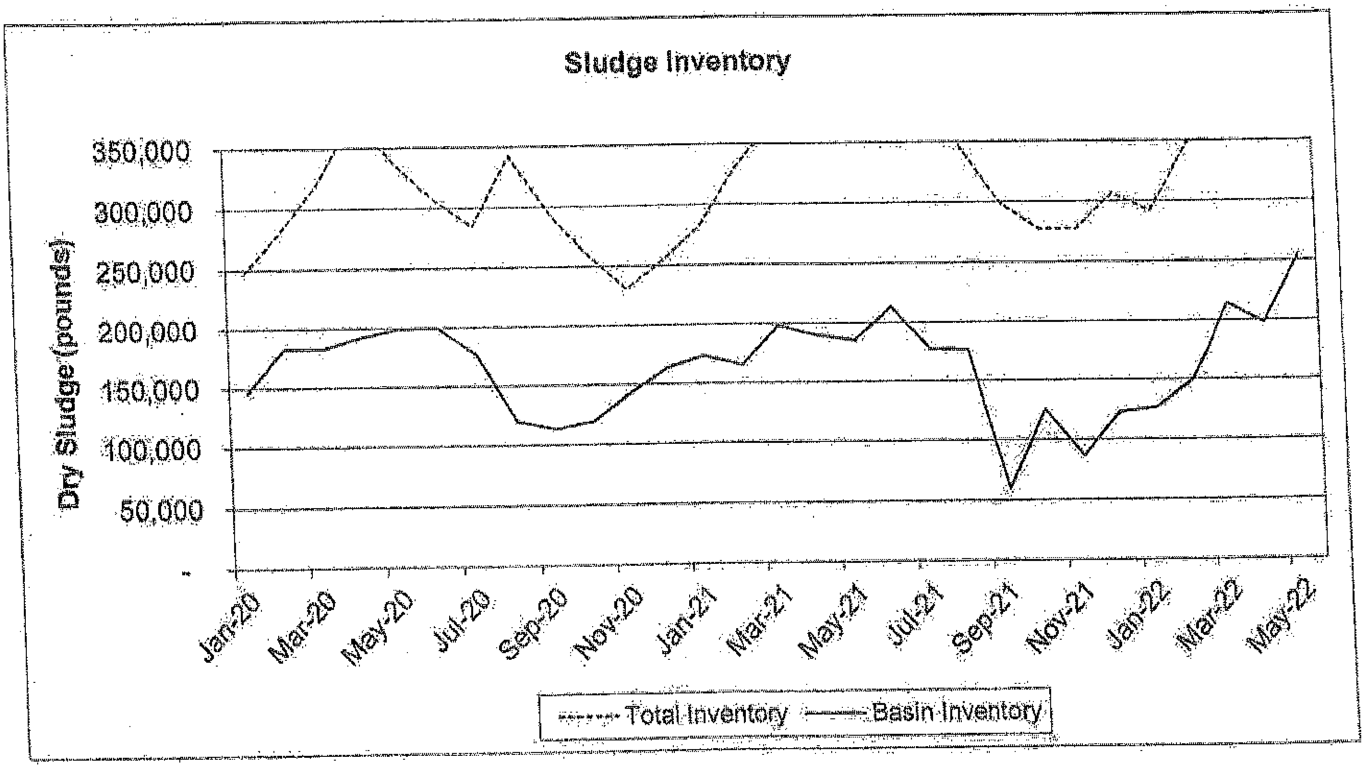


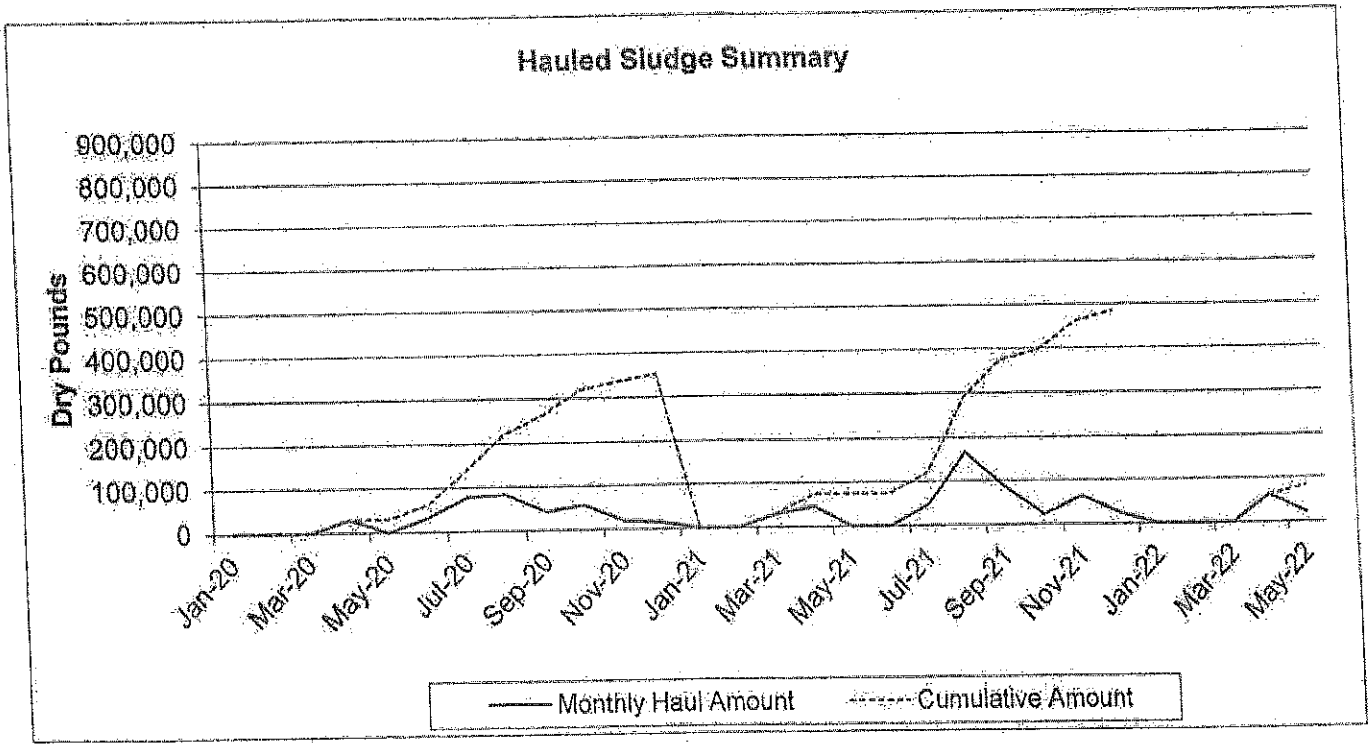
Effluent BOD/TSS
Figure 4

NPDES Limit for TSS and BOD = 30 mg/l

	Hauled Sludge					Basin Depths				
	Loads	Gallons	# Dry	% Solids	Annual Cumulative # Dry	Tank #1	Tank #2	AB #1	Basin Gallons	# Dry
Jan-20	0	-	0	3.9%		6.0	4.0	0.0	450,000	148,357
Feb-20	0	-	0	3.9%	-	6.5	8.0	0.0	562,500	182,959
Mar-20	0	-	0	3.9%	-	5.5	7.0	0.0	562,500	182,959
Apr-20	25	92,500	29,315	3.8%	29,315	6.0	7.5	0.0	607,500	192,528
May-20	0	-	0	3.8%	29,315	6.0	8.0	0.0	630,000	199,660
Jun-20	25	92,500	31,660	4.1%	60,975	6.0	7.0	0.0	585,000	200,226
Jul-20	69	255,300	77,268	3.6%	138,243	6.0	7.0	0.0	585,000	177,054
Aug-20	76	281,200	83,286	3.6%	221,529	5.0	4.0	0.0	405,000	119,953
Sep-20	38	140,600	41,627	3.5%	263,156	4.0	4.5	0.0	382,500	113,246
Oct-20	45	166,500	55,298	4.0%	318,454	5.0	3.0	0.0	360,000	118,583
Nov-20	18	66,600	19,255	3.5%	337,709	5.0	6.0	0.0	495,000	143,111
Dec-20	11	40,700	14,843	4.4%	352,552	4.5	5.5	0.0	450,000	164,112
Jan-21	0	-	0	4.4%	-	7.0	3.5	0.0	472,500	173,389
Feb-21	0	-	0	4.4%	-	5.0	5.0	0.0	450,000	165,132
Mar-21	23	85,100	28,883	4.1%	28,883	6.0	7.0	0.0	585,000	198,549
Apr-21	39	144,300	45,289	3.6%	74,152	6.0	7.5	0.0	607,500	190,582
May-21	0	-	0	3.8%	74,152	6.0	7.0	0.0	585,000	185,398
Jun-21	0	-	0	3.8%	74,152	7.0	8.0	0.0	675,000	213,921
Jul-21	40	144,000	47,378	3.9%	121,530	5.0	7.0	0.0	540,000	177,668
Aug-21	153	550,800	166,363	3.6%	287,893	7.0	6.0	0.0	585,000	176,693
Sep-21	92	331,200	87,226	3.2%	375,119	2.0	3.0	0.0	225,000	59,257
Oct-21	17	61,200	22,698	4.4%	397,817	3.5	4.0	0.0	337,500	125,173
Nov-21	46	165,600	63,621	4.5%	461,438	3.0	2.0	0.0	225,000	88,442
Dec-21	16	57,600	24,139	5.0%	485,577	4.0	2.5	0.0	292,500	122,581
Jan-22	0	-	0	4.5%		4.5	3.0	0.0	337,500	126,664
Feb-22	0	-	0	4.0%		7.0	3.0	0.0	450,000	150,120
Mar-22	0	-	0	4.4%		6.0	7.0	0.0	585,000	214,672
Apr-22	47	169,200	62,120	4.4%	62,120	7.0	5.0	0.0	540,000	196,255
May-22	16	57,600	21,017	4.4%	83,137	8.5	7.0	0.0	697,500	254,503

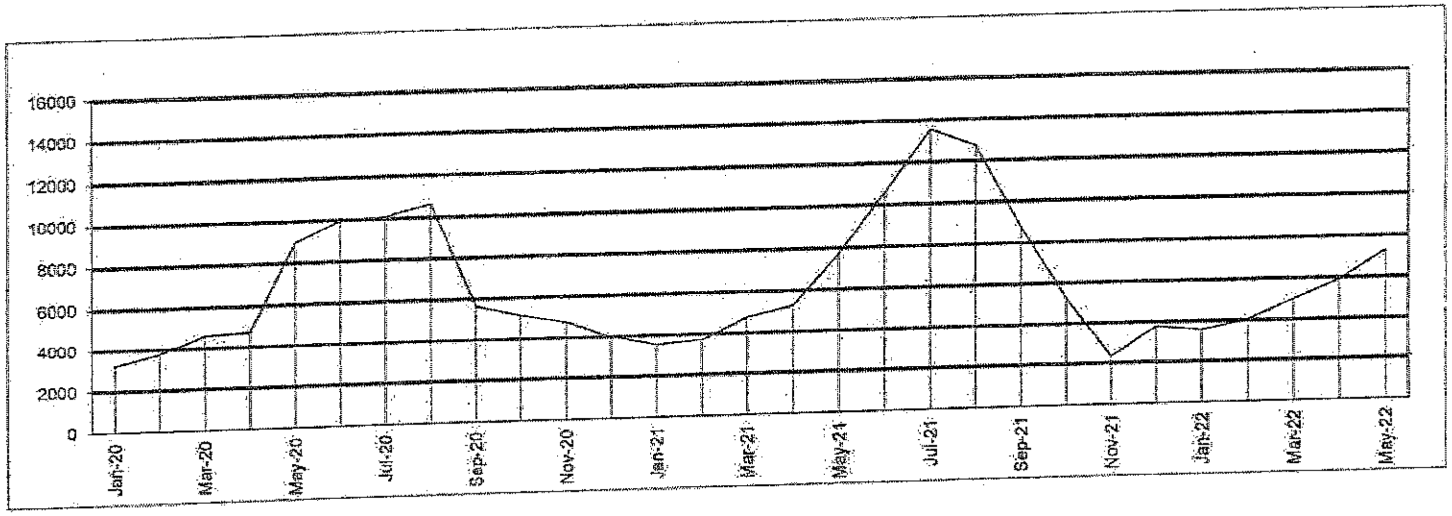
	Blanket Depths			MLSS Inventory		Blanket and MLSS Inventory		MLSS	Total Dry	Accepted Septage	
	Clarf #1	Clarf #2	Clarf #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	Sludge Inventory	Loads	Gallons
Jan-20	1.0	1.5	0.0	4,260	4,690	3,644,405	136,015	0.00448	282,382	16	34,100
Feb-20	3.5	2.0	0.0	5,190	4,390	3,697,691	147,718	0.00479	330,676	23	57,000
Mar-20	2.0	5.0	1.0	5,760	5,940	3,767,762	183,825	0.00585	355,764	25	64,500
Apr-20	1.0	1.0	1.0	5,740	5,290	3,678,952	169,214	0.00552	361,742	39	107,000
May-20	1.0	7.0	1.0	6,010	6,110	3,785,524	191,322	0.00606	390,961	35	83,000
Jun-20	6.0	7.0	0.5	7,050	7,120	3,852,620	227,547	0.00709	427,875	6	18,000
Jul-20	7.0	7.0	1.0	6,690	7,380	3,892,096	231,603	0.00714	408,656	88	208,000
Aug-20	6.0	6.0	1.0	6,530	7,400	3,856,572	224,021	0.00697	343,974	67	158,000
Sep-20	1.0	1.0	0.5	6,000	6,200	3,657,238	186,058	0.0061	299,304	45	104,500
Oct-20	1.0	1.0	1.0	4,950	5,070	3,676,952	156,015	0.00515	277,578	15	32,000
Nov-20	1.0	0.0	0.5	4,780	4,080	3,639,476	134,465	0.00443	277,576	16	36,000
Dec-20	1.0	0.0	0.5	5,030	4,360	3,639,476	142,509	0.0047	306,620	33	69,000
Jan-21	6.0	0.0	1.0	3,810	3,780	3,750,000	118,589	0.0038	292,077	83	205,500
Feb-21	5.0	8.0	0.0	5,490	5,750	3,830,906	179,558	0.00562	344,690	28	69,500
Mar-21	2.0	5.0	0.5	6,830	6,330	3,746,048	205,573	0.00658	404,122	32	70,000
Apr-21	12.0	5.0	1.0	6,890	5,350	3,945,382	201,375	0.00612	391,957	22	52,000
May-21	13.0	14.0	1.0	5,200	6,330	4,123,002	215,427	0.00627	400,825	48	128,500
Jun-21	6.0	7.5	2.0	7,260	8,060	3,925,643	234,903	0.00717	448,824	63	151,500
Jul-21	7.0	12.0	3.0	9,190	8,110	4,067,762	279,340	0.00823	457,007	117	289,000
Aug-21	1.0	1.0	0.5	6,160	5,840	3,657,238	183,008	0.0060	359,701	66	163,000
Sep-21	1.0	1.0	0.5	5,320	6,180	3,657,238	175,383	0.0058	234,640	62	159,500
Oct-21	1.0	0.5	0.5	4,430	4,140	3,648,357	130,381	0.0043	255,554	34	80,000
Nov-21	0.5	1.0	0.0	5,130	4,980	3,626,643	152,138	0.0050	238,580	37	83,000
Dec-21	1.0	1.0	0.0	4,540	5,530	3,635,524	154,179	0.0051	276,759	27	62,000
Jan-22	1.0	3.5	0.0	5,060	5,180	3,679,929	157,135	0.0051	263,800	13	27,000
Feb-22	4.0	1.5	0.0	6,280	5,030	3,697,691	174,393	0.0057	324,513	32	66,000
Mar-22	9.0	10.0	0.0	5,870	5,780	3,937,476	190,464	0.0058	405,135	23	48,000
Apr-22	10.0	10.0	1.0	7,190	5,600	3,998,668	211,765	0.0064	410,021	52	124,500
May-22	2.0	10.0	1.0	6,290	6,630	3,856,572	207,778	0.0065	462,281	37	85,000


Sludge Inventory
Dry Sludge (pounds)
350,000
300,000
250,000
200,000
150,000
100,000
50,000
-
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22
Total Inventory
Basin Inventory

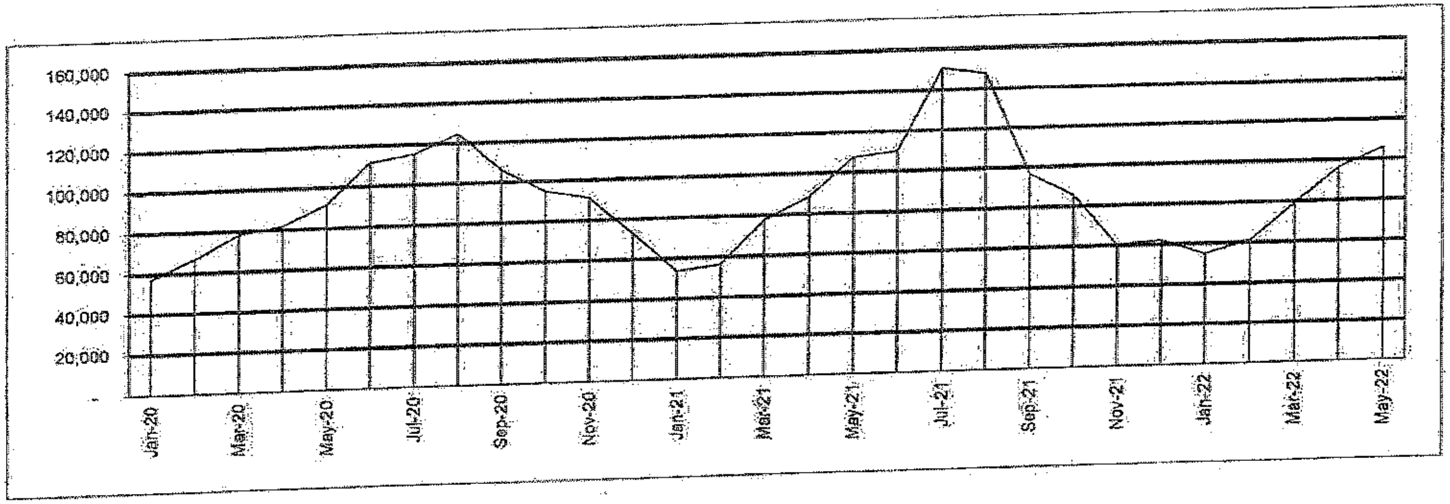

Hauled Sludge Summary
Dry Pounds
900,000
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22
Monthly Haul Amount
Cumulative Amount

	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

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 NUMBEI**	**TYPE TREATMENT FACILITY**	
May-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	6.9				15.7	2.405	7.2				9.8		16.5		
2	6.9				15.5	1.691	7.2				10.0	< 20	16.1		
3	7.0				16.5	2.207	7.3				9.7		16.3		
4	7.1			12.1	15.8	1.801	7.4			0.02	10.3		15.8		
5	6.7	238	388		16.8	3.133	7.1	5.7	5.1		9.6		16.6	97.6	98.7
6	6.5				16.2	3.486	7.2				9.8		16.3		
7	7.0				16.7	2.442	7.3				9.8		16.9		
8	6.9				17.6	2.045	7.3				9.7		17.7		
9	7.3				19.2	1.775	7.6				9.1		19.5		
10	7.1				21.3	1.688	7.2				8.9	< 20	21.8		
11	7.0			17.7	18.7	1.643	7.3			0.05	8.8		21.6		
12	7.0				18.6	1.651	7.5				8.7		22.1		
13	7.0	193	262		20.1	1.614	7.5	1.2	1.4		8.7		23.1	99.4	99.5
14	7.0				18.9	1.594	7.3				8.9		21.3		
15	7.0				19.0	1.633	7.4				8.9		20.8		
16	7.0				19.8	1.805	7.3				9.0	< 20	21.4		
17	7.0				18.9	1.509	7.3				9.0		20.4		
18	6.8			14.1	19.2	1.541	7.2			0.04	9.0		20.6		
19	7.0				19.3	1.249	7.8				9.0		20.9		
20	7.0	220	278		19.8	1.727	7.7	2.2	2.4		8.7		21.2	99.0	99.1
21	7.0				18.2	2.004	7.4				8.8		19.6		
22	7.2				18.4	3.090	7.4				9.4		18.4		
23	7.3				17.9	1.623	7.7				9.5	< 20	17.8		
24	6.9				18.2	1.666	7.3				9.5		18.2		
25	7.0			18.7	19.3	1.686	7.5			0.03	9.1		19.4		
26	7.1				18.6	1.768	7.5				9.2		19.1		
27	7.0	178	292		18.0	2.194	7.4	2.2	2.0		9.3		18.4	98.8	99.3
28	7.0				18.2	2.248	7.3				9.4		18.6		
29	7.1				19.3	2.364	7.4				9.1		19.8		
30	7.0				19.9	2.327	7.4				8.8		20.9		
31	6.9			55.0	20.3	2.086	7.4			0.79	8.7	< 20	22.0		
Total						61.695									
Avg.		207	305	23.5	18.4	1.990		2.8	2.7	0.19	9.2	10.0	19.3	98.7	99.2
Min	6.5	178	262	12.1	15.5	1.249	7.1	1.2	1.4	0.02	8.7	< 20	15.8	97.6	98.7
Max	7.3	238	388	55.0	21.3	3.486	7.8	5.7	5.1	0.79	10.3	< 20	23.1	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	2.8	1.5	0.98					4.4	37.8	<0.10
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
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20										
21										
22										
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24										
25										
26										
27										
28										
29										
30										
31										
Total	2.8	1.5	0.98					4.4	37.8	<0.10
Avg	2.8	1.5	0.98					4.4	37.8	<0.10
Min	2.8	1.5	0.98					4.4	37.8	<0.10
Max	2.8	1.5	0.98					4.4	37.8	<0.10

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

DATE	SLUDGE DISP. LBS, DRY WEIGHT	#1 Aeration Basin, O-Ditch, Etc.				#2 Aeration Basin, O-Ditch, Etc.				*Weather Conditions		
		MIXED LIQUOR				MIXED LIQUOR				Outside		
		* DO	** MLSS	*Settleability		* DO	** MLSS	*Settleability		* Ambient	*RAIN	Time
		mg/l	mg/l	*30 min ml	Temp ° C	mg/l	mg/l	*30 min ml	Temp ° C	Temp ° F	inches	
1		1.4	6,570	870	16.4	1.5	5,810	820	16.2	55	0	7:30
2		1.2	7,230	920	16.0	1.2	6,030	840	15.9	53	0	7:30
3		0.6	5,580	820	16.6	0.8	6,210	880	16.8	58	0.75	7:30
4		0.3	6,730	820	16.8	0.9	6,360	800	16.0	53	0	7:30
5		1.4	2,300	200	16.9	1.0	5,360	720	16.8	56	2.5	7:30
6		1.5	4,560	570	16.3	0.7	5,240	830	16.3	56	0.5	7:30
7		1.5	5,020	780	17.0	1.4	5,510	800	16.2	51	0	7:30
8		1.2	5,600	800	17.8	1.5	5,530	800	17.5	62	0	7:30
9		1.0	6,890	860	19.8	1.5	6,550	810	19.3	69	0	7:30
10		1.3	6,560	780	23.2	2.3	5,370	680	22.5	75	0	7:30
11	7,926	1.2	6,650	840	21.9	1.1	6,680	850	21.7	71	0	7:30
12	8,287	1.2	6,720	840	22.3	1.1	6,650	840	22.1	70	0	7:30
13	4,804	1.2	6,490	800	22.6	1.3	5,940	800	22.4	68	0	7:30
14		1.3	6,910	870	21.0	1.7	5,810	790	21.1	65	0	7:30
15		1.5	6,120	840	20.7	1.8	5,590	800	20.8	64	0	7:30
16		1.1	6,480	830	21.6	1.2	5,990	800	21.2	54	0.5	7:30
17		1.2	6,900	870	20.2	1.5	5,490	800	20.3	57	0	7:30
18		1.0	7,390	880	20.5	1.5	5,380	760	20.5	66	0.3	7:30
19		1.2	7,100	870	20.7	1.5	6,200	820	20.7	62	0	7:30
20		1.2	6,720	840	21.2	1.5	6,350	840	21.1	68	0.25	7:30
21		0.4	5,460	770	19.3	0.3	5,220	790	19.7	58	2.25	7:30
22		1.8	5,810	810	19.0	1.1	5,570	760	19.1	51	0	7:30
23		1.3	6,540	890	17.9	1.8	5,920	800	18.3	51	0	7:30
24		4.4	6,620	870	18.2	4.9	6,050	840	18.2	59	0	7:30
25		0.8	6,390	800	19.6	1.2	5,950	740	19.7	65	1.0	7:30
26		0.9	6,130	790	19.1	1.3	5,250	720	19.2	61	0.2	7:30
27		1.3	6,200	850	18.1	1.7	5,360	750	18.4	57	0.8	7:30
28		2.0	5,840	850	18.5	2.0	6,030	860	18.6	57	0	7:30
29		1.8	4,500	650	19.9	1.3	6,800	870	19.8	68	0	7:30
30		1.6	4,310	600	20.8	1.2	6,550	880	20.7	71	0	7:30
31		1.1	6,290	820	22.2	0.9	6,630	820	22.1	75	0	7:30

COMMENTS:

TESTS PERFORMED BY (PRINT)	SIGNATURE	PHONE #	DATE
John Hornback	John Hornback	(573)365-0455	6/9/2022
REPORT APPROVED BY (PRINT)	SIGNATURE	PHONE #	DATE
Gary Hutchcraft	Gary Hutchcraft	(573)365-0455	6/9/2022

*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	
5/1/22	5/31/22
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	3.486	1.990	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	*****	5.7	2.8	mg/L	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Weekly	*****;*****	Weekly Avg.:45	Monthly Avg.:30		*****;*****	*****;*****	
Total Suspended Solids (TSS)	*****	5.1	2.7	mg/L	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Weekly	*****;*****	Weekly Avg.:45	Monthly Avg.:30		*****;*****	*****;*****	
Escherichia coli (E. coli)	*****	<20	10.0	#/100mL	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Grab Frequency: Weekly	*****;*****	7 Day Geo.:630	30 Day Geo. Mean:126		*****;*****	*****;*****	
Phosphorus, total (as P)	2.8	*****	2.8	mg/L	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Monthly	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Nitrogen, Kjeldahl, total (as N)	1.5	*****	1.5	mg/L	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Monthly	Daily Max.:Monitoring Required	*****;*****	Monthly Avg.:Monitoring Required		*****;*****	*****;*****	
Nitrite plus nitrate total (as N)	0.98	*****	0.98	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	0.79	*****	0.19	mg/L	*****	*****	*****

N)							
Mon. Location.: End of Pipe Sample Type: 24 Hour Composite Frequency: Weekly	Daily Max.:12.1	*****;*****	Monthly Avg.:2.2		*****;*****	*****;*****	
pH	7.1	*****	7.8	SU	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Grab Frequency: Weekly	Minimum:6.0	*****;*****	Maximum:9.0		*****;*****	*****;*****	
BOD, 5-day, percent removal	*****	*****	97.6	%	*****	*****	*****
Mon. Location.: End of Pipe Sample Type: Calculated Frequency: Monthly	*****;*****	*****;*****	Monthly Avg. Min.:85		*****;*****	*****;*****	
Suspended Solids, percent removal	*****	*****	98.7	%	*****	*****	*****
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	
5/1/22	5/31/22
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
BOD, 5-day, 20 deg. C	*****	*****	207	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	*****;*****	*****;*****	Monthly Avg.;Monitoring Required		*****;*****	*****;*****	
Total Suspended Solids (TSS)	*****	*****	305	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	*****;*****	*****;*****	Monthly Avg.;Monitoring Required		*****;*****	*****;*****	
Nitrogen, ammonia total (as N)	55.0	*****	23.5	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	Daily Max.;Monitoring Required	*****;*****	Monthly Avg.;Monitoring Required		*****;*****	*****;*****	
Phosphorus, total (as P)	4.4	*****	4.4	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)	37.8	*****	37.8	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)	<0.10	*****	<0.10	mg/L	*****	*****	*****
Mon. Location.: Influent Sample Type: 24 Hour Composite Frequency: Monthly	Daily Max.;Monitoring Required	*****;*****	Monthly Avg.;Monitoring Required		*****;*****	*****;*****	

Comments:

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 8, 2022	User Phone Number (573)365-0455

LAKE OZARK/OSAGE BEACH WWTP
Operation Report

MAY 2022
month year

		PLANT INFLUENT															ENVIRONMENTAL CONDITIONS			[illegible]					[illegible]					CLARIFIER NO. 1	CLARIFIER NO. 2	CLARIFIER NO. 3	PLANT EFFLUENT															[illegible]		WASTE SLUDGE TO STORAGE	
DATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	pH	TEMP °C	WEATHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	JFH	0.351	1.240	1.592											6.64	15.7	C	0	55	6,570	870	132	7.07	3.4	5,810	830	141	7.33	3.5	12.0	8.0	1.0	2,465	7.22			9.8		16.5									0.586	16,230		
2	JFH	0.225	1.060	1.285											6.93	15.5	O	0	53	7,230	920	127	7.02	5.2	6,030	840	139	7.04	3.2	3.5	5.0	0.5	1,691	7.23			10.0		16.1	<20								0.565	12,865		
3	RGGH	0.293	1.391	1.684											6.97	16.5	R	0.75	58	5,580	822	146	7.17	0.6	6,230	860	147	7.33	0.8	8.0	9.0	1.0	2,270	7.33			9.7		16.3									0.471	13,960	45,000	5,592
4	RGGH	0.253	1.094	1.347							12.8	4.4	37.8	<0.10	7.11	15.8	O	0	53	6,770	792	121	7.53	0.3	6,340	800	129	7.23	6.9	3.5	3.5	1.0	1,801	7.40			10.3	0.02	15.5		2.8	1.5	0.96					0.644	11,295		
5	RGGH	0.515	2.276	2.791	155	176	235	164	163	188					6.73	16.8	PC	2.5	36	2,300	267	87	6.89	1.2	5,360	720	134	6.99	1.0	15.0	15.0	4.0	3,135	7.10	5.7	5.1	9.5		15.6									0.608	14,900		
6	RGGH	0.535	2.232	2.767											6.53	16.2	OC	0.5	56	4,580	379	125	6.94	1.5	5,460	830	158	6.98	0.7	9.0	8.0	0.5	3,245	7.39			9.8		16.3									0.793	16,450		
7	RGGH	0.347	1.542	1.889											6.98	16.7	C	0	58	5,020	780	155	7.06	0.5	5,810	880	143	6.98	1.4	6.0	7.0	1.0	2,842	7.23			9.8		16.9									0.875	5,830		
8	RGGH	0.293	1.289	1.582											6.90	17.6	C	0	62	5,600	860	142	7.50	1.2	5,510	880	150	7.60	1.5	6.0	8.0	1.0	2,545	7.52			9.7		17.7									0.574	8,110		
9	RGGH	0.219	1.099	1.318											7.26	19.2	C	0	60	6,860	860	124	7.34	1.2	6,550	810	123	7.34	1.3	5.0	5.0	1.0	1,775	7.60			9.1		19.5									0.702	10,600		
10	RGGH	0.205	1.057	1.262											7.05	21.3	C	0	75	6,550	780	119	7.06	1.3	5,170	860	126	7.12	2.5	2.0	7.0	1.0	1,688	7.34			8.9		21.8	<20								0.342	15,095		
11	JFH	0.202	1.048	1.250							17.7				6.97	16.7	C	0	72	6,650	840	124	7.29	1.2	6,660	850	127	7.22	1.1	6.0	7.0	2.0	1,643	7.34			8.8	0.03	21.6									0.575	17,920		
12	JFH	0.237	1.056	1.293											7.04	15.6	C	0	70	4,720	840	125	7.30	1.5	6,650	840	128	7.27	1.1	2.5	7.5	1.5	1,651	7.46			8.7		23.1									0.548	13,960		
13	JFH	0.216	1.034	1.250	225	190	193	154	210	262					7.59	20.1	O	0	68	5,490	850	129	7.28	1.2	5,950	900	133	7.19	1.5	10.0	7.0	1.0	1,614	7.52	1.2	1.4	8.7		23.1									0.461	12,935	45,000	7,129
14	JFH	0.230	1.058	1.288											6.98	18.9	PC	0	65	6,010	970	126	7.24	0.3	5,810	700	136	7.22	1.2	1.0	6.5	0.5	1,595	7.34			8.0		21.3									0.362	8,730		
15	JFH	0.243	1.061	1.304											6.99	19.8	C	0	64	6,120	870	137	7.19	1.5	5,590	800	143	7.20	1.9	1.5	9.0	1.0	1,653	7.38			8.9		20.6									0.363	10,310		
16	JFH	0.221	1.178	1.399											7.00	19.2	C	0.1	56	4,440	830	128	7.17	1.1	5,890	900	124	7.19	1.2	7.0	5.0	1.0	1,800	7.30			9.0		21.4	<20								0.449	14,470		
17	JFH	0.195	1.028	1.223											7.07	18.4	PC	0	57	6,900	870	126	7.18	1.2	5,490	900	146	7.10	1.8	1.0	9.0	1.0	1,309	7.58			9.0		23.4									0.493	14,045	45,000	5,609
18	JFH	0.194	1.000	1.194							24.1				6.94	19.2	O	0.3	66	7,390	880	119	7.22	1.0	5,360	760	141	7.04	1.3	4.0	4.0	1.0	1,551	7.18			9.0	0.02	20.6									0.602	10,760		
19	JFH	0.205	1.069	1.274											6.59	19.3	PC	0	62	7,100	830	123	7.11	1.2	6,260	820	132	7.12	3.5	2.0	1.5	1.0	1,249	7.75			9.0		20.9									0.475	11,645		
20	JFH	0.218	1.130	1.348	298	189	220	238	174	278					6.97	19.8	PC	0.25	68	6,720	840	125	7.18	1.2	6,350	840	135	7.19	1.3	2.5	2.5	0.5	1,727	7.67	2.2	2.4	8.7		21.9									0.652	12,160	45,000	5,364
21	RGGH	0.305	1.403	1.708											7.05	18.2	R	2.25	58	3,460	770	101	7.27	0.4	5,220	780	151	7.23	0.7	8.0	9.0	1.0	2,094	7.44			8.8		19.5									0.646	11,910		
22	RGGH	0.408	2.205	2.613											7.22	18.4	O	0	51	5,810	810	139	7.48	1.5	5,570	760	139	7.47	3.1	6.0	2.5	1.0	3,090	7.74			9.4		18.9									0.799	9,985		
23	RGGH	0.174	1.102	1.276											7.12	17.9	C	0	58	6,540	860	135	7.54	1.3	5,906	800	135	7.48	2.8	2.5	3.0	0.5	1,602	7.69			9.5		17.5	<20								0.754	10,020		
24	RGGH	0.220	0.991	1.211											6.86	18.2	PC	0	59	6,620	870	131	7.23	4.4	6,650	840	138	7.27	4.9	1.5	8.0	1.0	1,466	7.34			9.5		18.2									0.445	13,415	45,000	5,035
25	RGGH	0.240	1.244	1.484							18.7				6.97	19.3	PC	1.6	65	6,390	800	125	7.26	0.6	5,950	740	124	7.24	1.2	7.0	2.0	1.6	1,646	7.50			9.1	0.03	18.4									0.559	14,245		
26	RGGH	0.239	1.109	1.348											7.06	18.6	R	0.2	61	6,130	750	128	7.32	0.5	5,250	720	137	7.30	1.3	12.0	1.0	1.6	1,708	7.49			9.2		19.1									0.661	10,345	45,000	11,318
27	RGGH	0.348	1.525	1.873	153	133	178	172	86	292					7.34	15.6	O	0.8	57	6,200	830	137	7.22	3.5	5,300	750	130	7.21	1.7	7.0	3.5	1.0	1,878	7.35	2.2	2.0	9.3		18.4									0.735	11,335		
28	JFH	0.361	1.514	1.875											7.10	18.2	C	0	57	5,540	850	144	7.32	2.0	6,030	840	143	7.22	2.6	2.0	10.0	1.6	2,248	7.30			9.5		18.6									0.612	17,160		
29	JFH	0.329	1.640	1.969											7.08	19.5	C	0	68	4,900	650	144	7.30	1.8	6,505	870	128	7.23	3.3	2.0	16.5	1.0	2,164	7.35			9.1		19.1									0.560	10,860		
30	JFH	0.318	1.610	1.928											6.99	19.9	C	0	71	4,310	600	139	7.26	1.6	6,550	880	134	7.26	1.2	6.0	12.0	1.6	2,227	7.42			8.8		20.9									0.438	21,150		
31	JFH	0.305	1.402	1.707							33.0				6.93	20.3	PC	0	75	6,290	820	139	7.27	1.1	6,650	820	134	7.26	4.9	2.0	10.0	1.6	2,086	7.43			8.7	0.79	22.0	<20								0.689	13,720		
TOTAL		8.597	41.076	49.673	831	681	829	728	638	1220	117.6	4.4	37.8	<0.10	216.8	559.9		9.05	1906	188,600	24,600	4,052	223	40.7	183,300	24,910	4,217	223	44.5	167	205.5	35	61,442	226	11.3	10.9	285	0.89	599	<20	2.8	1.5	0.96	0	0	0	0	18.996	437,875	270,000	38,977
MAX		0.515	2.276	2.791	298	190	228	232	215	388	55	4.4	37.8	<0.10	7.59	21.3		2.5	75	7,390	920	155	7.54	4.4	6,800	880	158	7.48	4.9	15.0	15.0	4.0	3,486	7.75	5.7	5.1	10.3	0.79	23.1	<20	2.8	1.5	0.98	0	0	0	0	0.875	18,005	45,000	11,318
MIN		0.174	0.991	1.165	153	133	176	154	86	262	12.1	4.4	37.8	<0.10	6.53	15.5		0	51	2,300	200	87	6.89	0.3	5,223	660	123	6.98	0.3	1.0	1.0	0.5	1,249	7.10	1.2	1.4	8.7	0.02	15.5	<20	2.8	1.5	0.98	0	0	0	0	0.342	8,118	45,000	5,035
AVG		0.277	1.325	1.602	208	178	207	187	160	303	23.5	4.4	37.8	<0.10	6.99	18.4		0.29	61	6,084	794	130	7.21	1.3	5,913	804	136	7.19	1.4	5.4	6.6	1.1	1,982	7.30	2.8	2.7	9.2	0.19	19.3	10.0	2.8	1.5	0.98	0.0	0.0	0.0	0.0	0.606	14,112	45,000	6,495

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

Prepared by: RG JFH GH

Approved by: GH

Date 6/9/2022

WATER RESOURCES Alliance
Professional Water and Wastewater Operations

Bids for Upgrading all Florescent bulbs/fixtures to LEDs & 2 New Industrial Fans in RAS Basement

Bidder	Budgeted Amount	Total Bid	Equipment & Labor
Catalyst Electric	$5,500.00	$6,061.18	Material & Labor to bypass ballast & Install LED Lamps
		Installed	& 2 Industrial Grade Oscalating fans in RAS Basement
Lake Area Electrical	"	$5,472.50	"
		Installed	"
Helton Electric	"	$4,810.00	"
		Installed	"
Dissen Electric	"	$4,536.49	Material & Labor to remove ballast, Install LED Lamps
		Installed	& 2 Industrial Grade Oscalating fans in RAS Basement

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

AUDIT COMMUNICATIONS LETTER

DECEMBER 31, 2021

GKC

GERDING, KORTE & CHITWOOD CPAS

Professional Corporation

Certified Public Accountants

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Jeffrey A. Chitwood
Amy L. Watson

PARTNERS EMERITI
Robert A. Gerding
Fred W. Korte, Jr.

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

We have audited the financial statements of the business-type activities of The Joint Board of the Lake Ozark - Osage Beach Sewage Treatment Plant (the "Board") for the year ended December 31, 2021. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards and *Government Auditing Standards*, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated May 9, 2022. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Findings

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Board are described in Note I to the financial statements. No new accounting policies were adopted and application of existing policies was not changed during 2021. We noted no transactions entered into by the Board during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

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

Difficulties Encountered in Performing the Audit

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

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Corrected and Uncorrected Misstatements

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

Disagreements with Management

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

Management Representations

We have requested certain representations from management that are included in the management representation letter dated May 9, 2022.

Management Consultations with Other Independent Accountants

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

Other Audit Findings or Issues

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

Other Matters

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

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

Restriction on Use

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

Gerding, Korte + Chitwood, P.C.

May 9, 2022

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

REPORT OF

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

DECEMBER 31, 2021

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

TABLE OF CONTENTS

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INDEPENDENT AUDITOR'S REPORT

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

Report on the Financial Statements

Opinions

We have audited the accompanying modified cash basis financial statements of the business-type activities of the Joint Board of the Lake Ozark – Osage Beach Sewage Treatment Plant (the "Board"), as of and for the year ended December 31, 2021, and the related notes to the financial statements, which collectively comprise the Board's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective modified cash basis financial position of the business-type activities of the Board as of December 31, 2021, and the respective changes in modified cash basis financial position for the year then ended in accordance with the modified cash basis of accounting described in Note 1.

Basis for Opinion

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

Responsibilities of Management for the Financial Statements

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

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

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

Auditor's Responsibilities for the Audit of the Financial Statements

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

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

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

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of

America. In our opinion, the statement of revenues collected, expenses paid and changes in net position arising from modified cash transactions - with budget comparisons is fairly stated in all material respects in relation to the basic financial statements as a whole.

Basis of Accounting

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

Other Matters

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Board's basic financial statements. The statement of revenues collected, expenses paid and changes in net position arising from modified cash transactions – with budget comparisons, is presented for purposes of additional analysis and is not a required part of the basic financial statements.

Management is responsible for the other information included in the annual report. The other information comprises the management's discussion and analysis but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated May 9, 2022, on our consideration of the Board's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Board's internal control over financial reporting and compliance.

Gerding, Korte & Chitwood, P.C.

May 9, 2022

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

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT
MANAGEMENT'S DISCUSSION AND ANALYSIS
YEAR ENDED DECEMBER 31, 2021
(UNAUDITED)

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

Financial Highlights

The assets of the Joint Board of the Lake Ozark-Osage Beach Sewage Treatment Plant exceeded its liabilities at the close of the most recent calendar year by $778,467 (net position). Of this amount, $479,377 was restricted for equipment replacement, and $299,090 was unrestricted and may be used to meet the government's ongoing obligations to citizens and creditors in accordance with the Board's fund designation and fiscal policies.

The Board's total net position decreased by $96,276; this decrease in cash is primarily a result of purchasing a new 2022 Mack Sludge Truck for $185,979.

Total operating revenue increased 3.6% from $589,320 in FY2020 to $610,520 in FY2021. Revenue from the City of Lake Ozark based on actual measured flows to the plant for the year was $84,797 (15.42%) and Osage Beach was $465,203 (84.58%). Waste Hauler's Fee revenue was up 54%. The number of loads (600) and gallons (1,473,000) was up 46% and 51%, respectively, for the year. The Sewage Treatment Plant attracted new haulers in 2021. Disposal charges are calculated at .04 cents per gallon, in 500-gallon increments.

Total operating expenses increased $90,375 (20%) from $444,468 in FY2020 to $534,843 in FY2021. The increase of expenses was primarily due to the completion of sandblasting and painting of Clarifier #2 ($68,400). Other projects completed during year include Ultraviolet System supplies ($9,701), RAS Pump Rebuild ($2,300), Chain Link Fence repair ($3,400).

Equipment replacement during the year included a new 2022 Mack Sludge Truck for $185,979, new Lift Station pump ($6,759) and new lawn mower ($6,113).

Overview of the Financial Statements

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

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH
SEWAGE TREATMENT PLANT
MANAGEMENT'S DISCUSSION AND ANALYSIS
YEAR ENDED DECEMBER 31, 2021
(UNAUDITED)

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

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

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

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

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

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

NET POSITION

	2021	2020
Current assets	$ 299,090	$ 342,320
Restricted assets	479,377	532,423
Total Assets	778,467	874,743
Net Position		
Unrestricted	299,090	342,320
Restricted for equipment replacement	479,377	532,423
Total Net Position	$ 778,467	$ 874,743

Business-Type Activities: Net Position from business-type activities decreased by $96,276 from $874,743 to $778,467.

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT
MANAGEMENT'S DISCUSSION AND ANALYSIS
YEAR ENDED DECEMBER 31, 2021
(UNAUDITED)

The following table provides a summary of the Board's operations for years ended December 31, 2021 and 2020

CHANGES IN NET POSITION

	2021	2020
Revenues:		
Program Revenues		
Charges for services	$ 610,520	$ 589,320
General Revenues		
Interest and investment earnings	8,209	12,975
Miscellaneous	22,000	4,500
Total Revenues	640,729	606,795
Expenses:		
Sewer	737,005	529,726
Total Expenses	737,005	529,726
Increase (Decrease) in net position	(96,276)	77,069
Net Position-Beginning of Year	874,743	797,674
Net Position-End of Year	$ 778,467	$ 874,743

Economic Outlook

The annual sewer flows to the plant decreased a total of 12% from 541,320,000 gallons in fiscal year 2020 to 478,201,000 gallons in 2021. Lake Ozark increased .03% from 74,835,000 gallons in 2020 to 74,860,000 in 2021. Osage Beach decreased 14% from 466,485,000 in 2020 to 403,341,000 in 2021. Both cities are currently experiencing growth and flows to the plant are expected to increase in the future. The 2022 Budget does not include an increase in expense to the two cities nor rate increases of disposal charges for its waste haulers' fees.

Request for Information

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

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH
SEWAGE TREATMENT PLANT
STATEMENT OF NET POSITION ARISING FROM MODIFIED CASH TRANSACTIONS
DECEMBER 31, 2021

ASSETS	
Current Assets:	
Cash and investments	$ 299,090
Restricted Assets:	
Cash and investments	479,377
Total Assets	$ 778,467
NET POSITION	
Restricted for equipment replacement	479,377
Unrestricted	299,090
Total Net Position	$ 778,467

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT
STATEMENT OF ACTIVITIES ARISING FROM MODIFIED CASH TRANSACTIONS
YEAR ENDED DECEMBER 31, 2021

Functions/Programs	Expenses	Program Revenues Charges for Services	Net Expenses and Changes in Net Position
Business -Type Activities:			
Sewer	$ 737,005	$ 610,520	$ (126,485)
Total	$ 737,005	$ 610,520	(126,485)
Unrestricted investment earnings			8,209
Other			22,000
Total general revenues			30,209
Change in net position			(96,276)
Net position - beginning			874,743
Net position - ending			$ 778,467

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH
SEWAGE TREATMENT PLANT
TATEMENT OF REVENUES COLLECTED, EXPENSES PAID AND CHANGE IN NET POSITION ARISING FROM MODIFIED CASH TRANSACTIONS
YEAR ENDED DECEMBER 31, 2021

Operating Revenues Collected:	
User fees	$ 610,520
Total Operating Revenues Collected	610,520
Operating Expenses Paid:	
Repair and maintenance	116,354
Insurance	21,493
Professional services	2,600
Electricity	85,756
Contract management	308,640
Total Operating Expenses Paid	534,843
Income (Loss) from Operations	75,677
Nonoperating Revenues (Expenses):	
Interest received	8,209
Miscellaneous revenue	22,000
Capital improvements, equipment	(202,162)
Net Nonoperating Revenues (Expenses)	(171,953)
Net Income (Loss)	(96,276)
Net Position, beginning of year	874,743
Net Position, end of year	$ 778,467

THE JOINT BOARD OF THE LAKE OZARK – OSAGE BEACH
SEWAGE TREATMENT PLANT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021

I. SUMMARY OF SIGNIFICANT ACCOUNTING PRINCIPLES

Reporting Entity

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

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

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

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

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

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

I. SUMMARY OF SIGNIFICANT ACCOUNTING PRINCIPLES (continued)

Cash and Investments

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

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

Restricted Assets

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

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

Budgets and Budgetary Practices

The board members are responsible for the approval of an annual operating budget. A formal budget was adopted November 17, 2020. The Board was in compliance with State statutes in accordance with Sections 67.010 to 67.080, RSMo 1986.

Compensated Absences

The Board has no policy providing for compensated absences.

THE JOINT BOARD OF THE LAKE OZARK – OSAGE BEACH SEWAGE TREATMENT PLANT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021

II. DETAILED NOTES ON ALL FUNDS

A. Cash and Investments

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

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

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

Deposits:

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

	Maturity Date	Carrying Value
Deposits:		
Demand deposits		$ 178,663
Investments:		
Time deposit	10/31/22	109,527
Time deposit	08/20/22	107,104
Time deposit	07/22/22	113,173
Time deposit	02/07/23	270,000
Total deposits & investments		$ 778,467

Custodial credit risk. Deposits in financial institutions, reported as components of cash and investments, had a bank balance of $780,104 at December 31, 2021, which was fully insured by depository insurance.

Investment interest rate risk. The Board has no formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates. Maturities of investments held at December 31, 2021, are provided in the previous schedule.

II. DETAILED NOTES ON ALL FUNDS (continued)

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

Concentration of investment credit risk. The Board places no limit on the amount it may invest in any one issuer. At December 31, 2021, the Board had no concentration of credit risk.

B. Restricted Assets and Net Position

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

	Restricted Cash and Investments	Restricted Net Position
Equipment Replacement Account	$ 479,377	$ 479,377

C. Expense Allocation

Per the 2021 budget of the Board, the expenses of operating the sewer treatment plant are to be shared by the cities in the following percentages for 2021:

Lake Ozark	14.00%
Osage Beach	86.00%

For the year ended December 31, 2021, the percentages actually contributed are as follows:

Lake Ozark	15.42%
Osage Beach	84.58%

D. Professional Services

Professional services expense includes accountant fees paid during 2021.

THE JOINT BOARD OF THE LAKE OZARK – OSAGE BEACH
SEWAGE TREATMENT PLANT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021

III. OTHER INFORMATION

A. Ownership of Facility

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

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

B. Contingent Liabilities

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

C. Litigation

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

D. Commitments

On December 12, 2018, the Board entered into an agreement with Alliance Water Resources, Inc. to provide operation, maintenance and management services for Board facilities for the period January 1, 2019 through December 31, 2024. The agreement is terminable each December 31 and must be renegotiated annually with written documentation given Alliance by the Board no later than July 31 of each year during the three year term.

E. Risk Management

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

THE JOINT BOARD OF THE LAKE OZARK – OSAGE BEACH SEWAGE TREATMENT PLANT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021

III. OTHER INFORMATION (continued)

F. Consideration of Subsequent Events

Subsequent events have been evaluated through May 9, 2022, which is the date the financial statements are available to be issued. No events requiring disclosure were identified as a result of this review.

SUPPLEMENTARY INFORMATION

THE JOINT BOARD OF THE LAKE OZARK - OSAGE BEACH SEWAGE TREATMENT PLANT
STATEMENT OF REVENUES COLLECTED, EXPENSES PAID AND CHANGES IN NET POSITION ARISING FROM MODIFIED CASH TRANSACTIONS - WITH BUDGET COMPARISONS
YEAR ENDED DECEMBER 31, 2021

	Budgeted Amounts		Actual	Variance with
	Original	Final	Amounts	Final Budget
OPERATING REVENUES COLLECTED:				
User fees	$ 586,000	$ 586,000	$ 610,520	$ 24,520
Total Operating Revenues Collected	586,000	586,000	610,520	24,520
OPERATING EXPENSES PAID:				
Repairs and maintenance	123,300	123,300	116,354	6,946
Insurance	19,200	19,200	21,493	(2,293)
Professional fees	2,600	2,600	2,600	-
Electricity	85,000	85,000	85,756	(756)
Contract management	314,752	314,752	308,640	6,112
Total Operating Expenses Paid	544,852	544,852	534,843	10,009
Net Income (Loss) from Operations	41,148	41,148	75,677	34,529
NON-OPERATING REVENUES (EXPENSES):				
Interest received	8,000	8,000	8,209	209
Miscellaneous revenue	-	-	22,000	22,000
Capital improvements, equipment	(221,500)	(221,500)	(202,162)	19,338
Net Non-Operating Revenues (Expenses)	(213,500)	(213,500)	(171,953)	41,547
Net Income (Loss)	(172,352)	(172,352)	(96,276)	$ 76,076
Net Position, beginning of year	874,743	874,743	874,743	
Net Position, end of year	$ 702,391	$ 702,391	$ 778,467	

COMPLIANCE AND INTERNAL CONTROL

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

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

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities of The Joint Board of the Lake Ozark - Osage Beach Sewage Treatment Plant (the "Board"), as of and for the year ended December 31, 2021 and the related notes to the financial statements, which collectively comprise the Board's basic financial statements and have issued our report thereon dated May 9, 2022.

Report on Internal Control over Financial Reporting

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

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

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

Report on Compliance and Other Matters

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

Purpose of this Report

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

Gerding, Korte + Chitwood, P.C.

May 9, 2022

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