OSAGE BEACH / LAKE OZARK JOINT SEWER BOARD MEETING AGENDA

December 19, 2023 @ 4:00 p.m. LAKE OZARK CITY HALL

1. CALL TO ORDER

2. ROLL CALL

Mayor, Michael Harmison
Mayor, Dennis Newberry
City Administrator, Harrison Fry
City Administrator, Jeana Woods
Alderman, Kevin Rucker
Alderman, Pat Thompson
Public Works Director, Matt Michalik
Member at Large, Gary Hamner
Assistant City Administrator, Acting Public Works Manager, Mike Welty

3. PUBLIC COMMENT

4. MINUTES

	Regular Meeting: November 21, 2023	2-3
5.	REPORTS	
	Bills List Revenue Budget Analysis Expenditure Budget Analysis Income & Expense Summary	4-11 12 13 14
6.	ALLIANCE REPORT OF OPERATIONS	15-32
7.	APPROVAL OF FLOW CHARTS	177
8.	OLD BUSINESS	

9. NEW BUSINESS

A. Board update.

- A. Review and possible approval on the bids that will be brought in person by Alliance for the RAS Pump Replacement Project. Pg. 33
- **B.** Discussion and possible action on the Clarifier Paint project for more time and material.

10. ADDITIONAL DISCUSSION ITEMS

11. ADJOURNMENT

LAKE OZARK-OSAGE BEACH JOINT SEWER BOARD

Meeting Minutes – November 21st, 2023

CALL TO ORDER:

Mayor Harmison called the meeting to order at 4:00 pm on Tuesday, November 21st, 2023, at Lake Ozark City Hall.

ROLL CALL:

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

MINUTES:

Alderman, Pat Thompson, motioned to approve the corrected meeting minutes from October 17th 2023. The motion was seconded by City Administrator, Jeana Woods and passed unanimously.

REPORTS:

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

A motion was made by Alderman, Pat Thompson to approve the Bills List, Revenue Budget Analysis and Expenditure Budget Analysis. The motion was seconded by Assistant City Administrator, Acting Public Works Manager, Mike Welty and passed unanimously. Alderman, Pat Thompson motion to approve the Income & Expense Summary. Motion was seconded by City Administrator, Jeana Woods and was passed unanimously.

ALLIANCE REPORT OF OPERATIONS:

Alliance Report of Operations: The average daily incoming flow for October was 1.017 mgd. We had 3.2 inches of precipitation measured for October at the WWTP.

Operationally, the plant's discharge was excellent, with an effluent monthly average BOD of 1.5 mg/l and TSS of 2.5 mg/l respectively for October which represents a 99.0 + % or better removal.

The MLSS average for both aeration basins for October was 4,680 mg/l. The total dry weight sludge inventory for October totaled 264,426 pounds. There were 9.5 loads of biosolids or 34,200 gallons land applied for October. We received 40 loads of septage or 85,500 gallons for October.

APPROVAL OF FLOW CHART:

Mayor Dennis Newberry motioned to approve the October flow chart. The motion was seconded by Alderman, Pat Thompson and was unanimously approved.

OLD BUSINESS:

A. Board Representative Update. All is running as expected.

NEW BUSINESS:

- A. Review and action regarding the disposal of records list for 2023. Motion for approval was made by Alderman, Kevin Rucker. His motion was seconded by Mayor, Dennis Newberry and was passed unanimously.
- **B.** Review and action regarding the bids for the clarifier pain project. Per Alliance recommendation a motion to approve the bid from Hogans Inc in the amount of \$28,775.00 was made by Public Works Director, Matt Michalik. His motion was seconded by Assistant City Administrator, Acting Public Works Manager, Mike Welty and was passed unanimously.
- C. JSP meeting to be held on 12.04.2023. A motion was made by Alderman, Pat Thompson to approve the meeting to be held on 12.04.2023. Her motion was seconded by City Administrator, Jeana Woods and was passed unanimously.

ADDITIONAL DISCUSSION ITEMS: .

ADJOURNMENT:

With no further business to discuss, a motion was made by Mayor, Dennis Newberry to adjourn. City Administrator, Harrison Fry. The meeting was adjourned at 4:31 pm.

Approved:		
Michael Harmison, Mayor	Robin Craig, Clerk	

JOINT SEWER BOARD BILL LIST DECEMBER 19, 2023

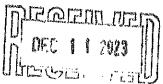
OPERATING OPERATING EQUIPMEN EQUIPMEN	\$ \$ \$	838.50 44,498.69 - -			
	·	Ì	OTAL.	\$	45,337.19
OPERATIN Account 4020	G FUND BILLS PAID PRIOR TO Paid To: Pace Analytical Serv.	Description: Lab Testing for Permit Renewal	FOTAL.	\$ \$ \$	Amount: 838.50 - - 838.50
OBERATIN	IG FUND BILLS TO BE PAID:				
Account	Paid To:	Description:			Amount:
4000	Equipment Replacement Fund			\$	5,000.00
4020	CED	Freight for breaker for pista grit		\$	17,24
4020	Haynes Equipment Co.	Wired new style ducking skimn		\$	1,500.00
4020	JCI Industries, Inc.	Annual Hoist Inspection for UV		\$	1,750.00
4020	M/C Calco	Relays for Lift Station		\$	35.34
4020	M/C QuickBooks	Accounting Software		\$	30.00
4020	Menards	Flex Condult for Clarifier #2		\$	32.30
4020	Wallis Lubricant	Diesel Fuel for Generator		\$	1,066.72
4170	Alliance Water Resources Inc	December		\$	29,466.00
4175	Ameren MO	11673321		\$	5,392.60
4175	Ameren MO	98041275		\$	81.80
4176	AT&T	Nov		\$	42,85
4176	Republic	December		\$	83.84
			TOTAL	. \$	44,498.69
EQUIPME	NT REPLACEMENT FUND BIL	•	EETING	: :	
	Paid To:	Description:			Amount:
4000			,	\$	_
Pro Litera Ac	NE DEDI AGRAEME CIME DI	LO TO BE OND.	TOTAL	_ \$	-
	NT REPLACEMENT FUND BIL				Amaginati
	Paid To:	Description:	•	φ	Amount:
4000		-	TOTAL	<u>\$</u> L\$	
C			IUIM	цΨ	-

Haynes Equipment Co. 15725 Pflumm Rd. Olathe, KS 66062 (913) 782-4962 Fax: 913-782-5894

www.haynesequip.com

Invoice

Invoice Number	28333H
Invoice Date	12/11/2023
Terms	Net 30



Sold To:				Ship To	Comment of the self-the self-of the self-o	
Joint Sewor Board PO Box 1985 Lake Ozark, MO 6504	49					
**************************************		Marie in control and in the control of the contro		The print of the control of the cont		a State to the second the second color and an amount of the second secon
PO Number	The state of the s	Job Number		Rep	Job Name	MATERIA MATERIA PER
L. C. 1471117131.				ZB		anne na fear agus ann an taon a
ltem	F	Description	dalama bina njejerek asini biddili inciri ngu mwa pengani kebil	Rate	GIV	Amount
Service - KC	installation of reversing con	nlactor	Mary Control of the C	1,500.00		1 1,500.001
	GL Acet#:	NEWER. MIER TROUGH CLARIFIE LODO JUNITER 1. 11 123	Market State	Ducking Echanisi	i.	

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

Memo:

Net Involce:	\$1,500.00
Sales Tax: (0.0%)	\$0.00
Invoice Total:	\$1,500.00

Remit To:

JCI Industries, Inc. PO Box 411114 Kansas City, MO 64141 816-525-3320



INVOICE

INVOI	CE
82613	49
Invoice Date	Page
11/29/2023	lofl
ORDER N	JMBER
12371	73

Branch 06

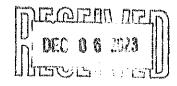
JEFFERSON CITY

Bill To:

LAKE OZARK/OSAGE BEACH JOINT SEWER BOARD

PO BOX 1985

LAKE OZARK, MO 65049



Ship To:

ALLIANCE WATER RESOURCES #3 ANDERSON ROAD LAKE OZARK, MO 65049

Customer ID: 400263

PO Number Term Description					Net Due Date			
GARY HUT	CHCRAFT-20		Net 30		12/29/2023			
Order Date	Pick Ticket No		Primury Salasrep Name	A THE REAL PROPERTY OF THE PARTY OF T	Order Taker	and the second s		
11/20/2023 10:35:33	3249308		Ben Reinkomeyer JI		ACHUNINO	j 		
)uantities	idi Senimbalan in 1944	Item ID	Pricing UOM	Unit	Extended		
Ordered Shipped	Remaining UOM Unit	Size 6	Item Description	Unit S	Price	Price		
1.00 1.0	0 0.00 EA	1.0	HOIST INSPECT 11.20.23 HOIST INSPECTION	EA 1.00	1,750.00	1,750.00		

Total Lines: 1

SUB-TOTAL:

1,750.00

TAX:

0.00

AMOUNT DUE:

1,750,00

Carrier: NOT APPLICABLE

Tracking #:

Merchandise cannot be returned without permission. Claims for shortages or errors must be made in writing within thirty (30) days after receipt of goods. All approved returns must include a JCI return authorization number and may be subject to a restocking fee up to 25%.

Please Note: Effective 9/18/2023 our accounting@joiind.com email has changed. Please use: joiaccounting@otcindustrial.com

ANNUAL QUERHEAD HOIST INSPECTION FOR GLACOH: 4020 ROOM HOIST

Signature:

Date: 12/6/2"

JCI Industries, Inc. acceptance of buyer's order is conditioned upon buyer's assent to the terms and conditions set forth on http://www.jciind.com/tando. Any additional or contrary terms are hereby rejected.

Wallis Lubricant, LLC

#1 Midwest Drive, Pacific MO 63069 445 Sunshine Road, Kansas City KS 66115 4732 Cedar Drive, Joplin MO 64804 1601 Christy Drive, Jefferson City MO 65101 1738 Midway Drive, Linn Creek MO 65052

888-677-8809 telephone

Invoice

REMITTO: Wallis Lübricant, Llc P.O. BOX 790379 ST: LOUIS, MO 63179

Page:

Invoice Number: 79973L-IN Invoice Date: 11/28/2023

Order Number: 0079973 Order Date 11/27/2023 Saleaperson: Lake Linn Justomer Number: 50-0410822

Ship To:

Joint Sewer Board #3 Anderson Road

Lake Ozark, MO 65049(573) 216-8398 Ext; Gary

Sold To:

Joint Sewer Board PO Box 1985 Lake Ozark, MO 65049

Confirm To:

Customer P.O.	Ship VIA	F.O.B	ŧ	Terms Net 30 Days from Inv	olce Date	and the second s
Item Number	Unit	Ordered	Shipped	Back Ordered	Pkg Price	Amount
#2LSDYEDDSLGAL #2 ULTRA L.S. DIE NA1993, Diesel Fue	GAL SEL (DYED) al, 3, PGIII	350.00	350.00	0.00	3.0360	1,062.60
Fuel Tax Recap Federal UST Fee-D	Nesel DYED				0.00100	0.35
Federal Oil Spill Fe	e-Diesel D				0.00214	0.78
Federal Superfund-	Diesel DYED				0.00391	1.37
Inspection Fees-Did	esel DYED				0.00470	1,65

DIESEL FUEL FOR THE STANDBY/EMERGENCY
GENERATOR

EFFECTIVE 1/1/11, A 1.5% FINANCE CHARGE OR \$2.50 MINIMUM FEE WILL BE APPLIED TO PAST DUE INVOICES.

"Follow up on Recebook and theek out our wabsite at www.walliatubileants.com"

1,066,72 Net invoice: Less Discount: 0.00 Freight: 0.00 Sales Tax: 0.00invoice Total: 1,066,72 Less Déposit: 0.00 Invoice Balance: 1,066,72



* Pay by phone: 1.886.288.8729

m Pay by mail: PO Box 88008, Chicago, IL 60660-1088

w Pay online or manage your account: AmerenMissouri.com

Customer Service: 1.877.426.3736

FOCUSED ENERGY. For life.

Account Number 4880005832

Customer Name

ALLIANCE WATER RESOURCES INC

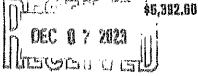
Service Address

3 ANDERSON RD, -LAKE DZARK, MO 86049

Gurrant Detail for Statement 12/07/2023 **Total Electric Charges**

\$5,392,60

Total Amount Due



\$5,392.60 AMOUNT DUE 01/02/2024 **Due Date** Amount After Due Date \$5,446.53 \$6,183.64 Prévious Statement Total Payments : \$6,189,54 Paymant Received, Thank You,

Electri	i Usnge Hist	007	ingeneralism (managemen) : :							
Electric V	sage in Kliowy	att Nours	(kWb)						Electr	le Vsagá Summéry (kV
126000 100000 76000 60000 26000	DEC JAN 43°F 38°F		TAIN APR 4°F 48°F Average	MAY JUN 69°F YF	F 76*F	Vnat Vna	CT NÓY CP OBOR	DEC 45°F	80 far to same if 2022	inis yost you'te using 2.8 me pellod lest year, 1,035,200 kwa 1,084,320 kwa

(Wh)

.8% more than the

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#:

Signature

Keep this partien for your records.

Page 1 of 4

n See next page for service details.

Please roturn this portion with your paymant:



Check If you have address changes on back.

Amount Due	Due Data
00X9E39	3496000047077,2024
Delinquest Amount After Due Date	Account Number
Manager and printed and the state of the sta	Machine things
45/40los	48800088874

Amount Enclosed \$

SOC PELSPO JOOG PSPSSS PSAFOOS

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

AMEREN MISSOURI PO BOX 68068 CHICAGO IL 60680-1068



- = Pay by phone: 1,868,268,3729
- # Pay by mail: PO Box 88066, Chicago, IL 80680-1068
- m Pay online or manage your account: AmerenMissouri.com
- Customer Service: 1.877.426.3736

FOCUSED ENERGY. For Life.

Eleptino Servico Details Service from 11/02/2023 - 12/05/2023 (33 days) Efectric Meter Road READING CUPRENT METER NUMBER MULTIPLIER USAGE DAYS TYPE TYPE READING READING DIFFERENCE 11873321 11/02 - 12/05 33 Total kWh 63590,0000 83065,0000 Actual 631,0000 160,0000 94960.0000 (1479a2) - 1 - 1 102 7206 Usaga Semmary Total kWh 84980.0000 Non-Summer kWh 84980.0000 Peak kW 127.8000 Billing Demand 127,8000 Total Billing Demand 127.8000 October Winter Base kW 178,6000 Winter Base Demand 127,8000 Base kWh Ratio 1.0000 Basa kWh (HUD) 84960.0000 Seasonal kWh (HUD) 0.0000 Rate 3M Large General Service DESCRIPTION USAGE UNIT HATE CHARGE Seasonal Energy Charge 0.00 kWh \$ 0.04080000 \$0.0C Winter Demand Charge 127.80 kW \$ 2,30000000 \$203,94 Base Energy Charge / Hours Used kWh 19,170.00 \$ 0.06980000 \$1,338,07 Base Energy Charge / Hours Used 25,560.00 kWh \$ 0.05180000 \$1,326,56 Base Energy Charge / Hours Used 40,230.00 kWh \$ 0.04090000 \$1,846,41 Customer Charge \$110.55 Fuol Adjustment Chargo 84,060,00 kWh \$ 0.00800000 \$262,53 Energy Efficiency Investment Charge kWh 84,960,00 \$ 0,00467100 \$388.95 Renewable Energy Adjustment 84,960.00 kWh \$ 0,00032000 \$27.19 Total Service Amount \$6,392.60

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

Page 2 of 4

\$6,392,60

Address Changes or Corrections

Name
Address
City, State, Zip
Phone Number

AmerenMissouri.com/WaysToPay



e-check Online



Total Electric Charges

PHONE 863.268.3729



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

....



online Credit Card



MAIL STUB & CHECK



- * Pay by phone: 1.866.268.3729
- * Pay by mail: PO Box 88088, Chloage, IL 66860-1068
- M Pay online or manage your account: AmerénMissourt.com
- ₩ Customer Service: 1.877.426.3736

FOCUSED ENERGY. For life

Account Number 6680006920

Customer Name ALLIANCE WATER RESOURCES INC

Service Address

3 ANDERSON RO

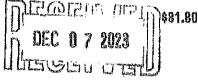
LAKE OZARK, MO 86049

Current Detail for Statement 12/07/2023

Total Electric Charges

\$81.80

Total Amount Due



Mark Baby Sa	e de Carreto do A	湖境地域的	Accessored
AMOUNT	OUE SAME	\$81.80	***** *******************************
Due Date		01/02/2	124
	Market As		第1人企业等注
Amount After Di	ie Date	* \$82.62	
		1456 668	医多数证的
Previous Statem	ight 4	\$69.28	MAGE BASE
。 也是在自然的是是自己的一种。 2003年		\$69.28	
Total Payments		* 609:70	
, Paymont Roceived.	I nanx you,		

Electric Usago History Electric Usage in Kilowett Hours (kWh) Electric Usage Summary (kWh) So for this year you're using 38.5% 1059 than the seine time period last year. 2500 2000 2022 1600 1000 17,500 kWh 500 2023 CCT 36°F 44°F 48°F 1180E 71°F 76°F 78°F 7700 70°F 55°F 4305 36°F 10,770 kWh Avarage Monthly Temperature (*F)

Keeping You Informed.

Update your account information so we can contact you when crows 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 AmerenWissouri.com.

GL Accil:

Signature

Roop this portion for your records.

Page 1 of 4

» See noxt page for service details.

Please return this portion with your payment.



Check If you have address changes on back.

Amount Due	Due Date
00,188	es dinjunyan, 2024
Belinquent Amount After Due Date	Account Number
Constant in the contract of th	

Amount Enclosed \$

SOT PETEL 9000 hatsee esphone

ALLIANCE WATER RESOURCES INC PO 80X 1985 LAKE OZARK, MO 65049-1985

AMEREN MISSOURI PO BOX 88068 CHICAGO IL B0880-1068 34852 2262424 DQS659 C16347 ODD168COZ



Pay by phone: 1.866.268.3729

Pay hy mail: PO Box 88068, Chicago, IL 60660-1068

Pay coline or manage your account: Amerent/lissouri.com

* Customer Service: 1,877,426,3736

FOCUSED ENERGY. For life.

Licetrio Service Details Sorvice from 11/02/2028 - 12/05/2023 (33 days) Electric Motor Road METER NUMBER MULTIPLIER USAGE DIFFERENCE TYPE READING READING 98041276 11/02 - 12/08 33 Total kyth 28447,0000 Actual 20386.0000 61.0000 10,0000 810.0000 000A172107 -- 11/02 12/00 23 Feer W Armel 52300 0.0000 62300 -10/00001 523000 **Usage Summery** Total kWh 610.0000 Non-Summer kWh 610,0000 Winter Base kWh 1000.0000 Current Base kWh 610,0000 Winter Cur Base kWh 610.0000 Sessonal kWh 0.0000Rate 2M Sm Gen Svc - 3 Ph w/Dmd Threshold · Peak Demend DESCRIPTION USAGE UNIT HATE CHARGE Basy Energy Charge 610.00 kWb \$ 0.08940000 0 \$54,63 Sociational Charge Charge 0.00 kWh \$ 0,05160000 \$0.00 0 Customer Charge \$23.07 Firel Adjustment Charge 610.00 kWh (g) \$ 0.00309000 \$1.88 Energy Efficiency bryesiment Charge 810.00 kWh \$ 0.00346900 0 \$2.12 Renewable Energy Adjustment 610.00 kWh \$ **0.**00032000 0 \$0.20 Total Service Amount \$81.80 Total Electric Charges \$81.00 Payments Since Previous Statement DATE RECEIVED AMOUNT November 27, 2023 \$69.28

Questions? Contest Ameron Missouri et 1.877.426.3736 or visit AmeronMissouri.com.

Paga 2 of 4

Addrass (dames o	r Correc	Kona
-----------	---------	----------	------

Namo
Addross
City, State, Zip
Phono Sumbor

AmerenWissouri.com/WaysToPay



e-check Online



PHONE 860,268,3729



IN PERSON FIND A PAY STATION AT AMERENMISSOURL COM/ PAYSTATION

ONLINE CREDIT GARD



MAIL STUB & CHECK

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

11/30/2023

Account Number	Account Name	2021 Actual	2022 Actual	•		2023 November Revenue	Percent YTD
3020	Osage Beach	465,202.63	460,708.70	481,940.00	450,589.33	40,320.42	93%
3010	Lake Ozark	84,797.35	91,794.26	98,710.00	79,369.00	8,067.08	80%
3030	Misc.	22,000.00	1,094.92	0.00	234.08	0.00	0%
3100	Interest	2,700.22	2,462.35	2,500.00	5,491.33	672.13	220%
3060	Waste Haulers' Fee	60,520.00	49,490.00	56,000.00	59,310.00	3,250.00	106%
	Total Operating Fund	635,220.20	605,550.23	639,150.00	594,993.74	52,309.63	93%
	E/R Fund Income	5,508.47	3,588.63	4,000.00	15,011.38	3,012.45	375%
	TOTAL INCOME	640,728.67	609,138.86	643,150.00	610,005.12	55,322.08	95%

MONTH-TO-DATE AND YEAR-TO-DATE EXPENDITURE/BUDGET ANALYSIS 11/30/2023

Account Number	Account Name	2021 Actual	2022 Actual	2023 Budget Original	2023 Budget Amended	2023 Actual as of 11/30/2023	2023 November Expenses	Percent YTD
4000	Equipment Replace Fund	143,608,00	55,008,00	60,000,00	60,000,00	55,000.00	5,000.00	92%
4020	*Maintenance & Repair	104,853,81	60,030,11	93,500,00	118,000.00	80,233.52	2,521.85	68%
4140	Insurance	21,493.00	22,088,00	23,000.00	23,000.00	22,791.00	0.00	99%
4150	Vehicle Repair/Main	11.099.99	5,999,58	8,000,00	00.000,8	3,255,47	0.00	41%
4170	Contract Management	308,840,00	331,080,00	380,000.00	360,000.00	324,126.00	29,466.00	90%
4176	Electric	82,227.41	79,890,16	81,000.00	88,000.00	83,073.40	6,252.82	94%
4176	Utilities Misc.	3,528.17	3,694.18	5,000.00	5,000.00	4,453.01	896,63	89%
4190	Bank Charges	0.00	12.00	0,00	0.00	3,00	0.00	0%
4200	Audit	2,600.00	2,700.00	2,800.00	2,800.00	2,800.00	0,00	100%
4240	Capital Purchases	399,99	0,00	0.00	0.00	0.00	0.00	0%
	Totals	678,450.37	560,502.03	633,300.00	664,800.00	575,735.40	44,137.30	87%
	**E/R Expenses	202,161.70	11,093.26	103,000.00	120,000.00	112,613.67	0,00	94%
	TOTAL EXPENSES	880,612.07	671,695.29	736,300,00	784,800.00	688,349.07	44,137.30	68%
4020 DE	TAIL: Equip & Bidg. Repair/Main.			DETAIL: Equipr	DETAIL: Equipt	nent & Replace	<u>ment</u>	
	Auto Dialer Yrly Software Fee	500	Х					
	Regular Maintenance	20,000	Х	Replace wooden	Replace wooden	doors w/fibergle	3,000	If needed
	UV Bulbs, Quartz Sleeves, Misc	10,000	Х	Replace flow met	Replace flow met Replace flow meter for the effluer			Х
	Painting RAS basement piping (30,000	Х	*Replace aerator	*Replace aerator	gear box - new	75,000	Х
	Rock for road	3,000	Fall					
	Sandblasting & paint Clarifier #3	30,000	Fall				103,000.00	

93,500.00

OPERATING FUND INCOME AND EXPENSE SUMMARY 11/30/2023

Beginning Balance	355,643.19
Income - Osage Beach	40,320.42
Income - Lake Ozark	8,067.08
Income - Other	94
Income - Waste Haulers' Fees	3,250.00
Interest - Checking	26.17
Income - CD Interest	645.96
Transfers From E/R Fund	-
Transfers To E/R Fund	(5,000.00)
Expenses	(39,556.70)
Ending Fund Balance	363,396.12
Central Bank - NOW Acct.	136,556.53
CD First Bank of the Lake, 2/20/25 #8432	110,637.03
CD First Bank of the Lake, 1/22/25 #8433	117,255.40
Outstanding Checks:	(1,052.84)
	363,396.12

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY 11/30/2023

Beginning Balance	475,625.87
Interest - Checking	133.73
Income - CD Interest Transfers From Operating Fund	2,878.72 5,000.00
Income - Miscellaneous Expenses	- -
Ending Fund Balance	483,638.32
First Bank of the Lake - Money Mkt.	98,717.38
CD First Bank of the Lake, 1/31/24 #8430	114,920.94
CD First Bank of the Lake, 5/07/24 #8434	270,000.00
	•
Outstanding Checks:	-
Odistanding Official.	483,638.32

SERVICE MESION

We partner with communities to deliver the finest water and wastewater « services » avallable at a ecompetitive Price Weiglis committed to keeping water safe and clean while serving people and taking care of communities with improved technical operations: - careful managément and financial eversight, and ensured requistory compliance.

Alliance Water Resources Inc.

206 S. Kaene St Columbia MO 85201

(573):7422(8)



REPORT OF OPERATIONS

LAKE OZARK/OSAGE BEACH

Joint Wastewater Treatment Plant No. 1

Month of November 2023

Submitted by Alliance Water Resources, Inc. for the December 2023

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		coli Coliform Colonies/100 ml	Ammonia as N mg/L	O&G mg/L
Monthly/Quarterly Avg	1.9	2.1	N/A	0.0	0.03	< 2.0
Peak Day	2.0	2.6	8.0	0.0	0.05	< 2.0
Percent Removal	99.2	99.4	N/A	N/A	N/A	N/A

NPDES EFFLUENT LIMITATIONS

	BOD mg/l	TSS mg/l	рН	E.coli Coliform Colonies/100 ml	Ammonia as N mg/L	O&G mg/L
Monthly/Quarterly Avg Weekly Average	30 4 5	30 45	6-9	126 630	2.5	10
Daily Max		70		N/A	12.1	15

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 0.889 MGD or 30% of Permitted flow with Lake Ozark contributing 16% of the total flow and Osage Beach contributing 84%. Daily influent flow BOD and TSS data is presented in Table A. Daily flow for the month and rainfall are shown in Figure 2. A three-year flow history for each of the two cities is presented in Table B.

Organic loading for the month was 50466 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

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

434,621 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 270,000 gallons with a level of 3.0 feet in Tank 1 and 3.0 feet in Tank 2.

WASTEHAULERS WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.
- We shut down the UV system on November 1st.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Maxpanda Maintenance Data Management software schedule.
- We started draining clarifier #3 on the 7th of November and finally got it finished with the 3" trash pump on the 5th of December. We installed a small sump pump to keep up with any rainwater that we might get before they start the paint project that was approved at the last Board meeting.
- One of the breakers in the pista grit control panel went down on us on the 15th of November. We ordered a replacement and got it in on the 22nd, installed it and got it back online that afternoon.
- Haynes Equipment came in on the 21st of November and wired up the ducking skimmer arm mechanism on clarifier #2 to work on automatic.

SAFETY

 We conducted our monthly Safety Meeting on Hazard Communication & Hazcom: Safety Data Sheet Sections on the 14th of November.

REGULATORY AGENCY, INSPECTION AND REPORT

We filled out the new EDMR on the EPA MoGEM website on the 6th of December.

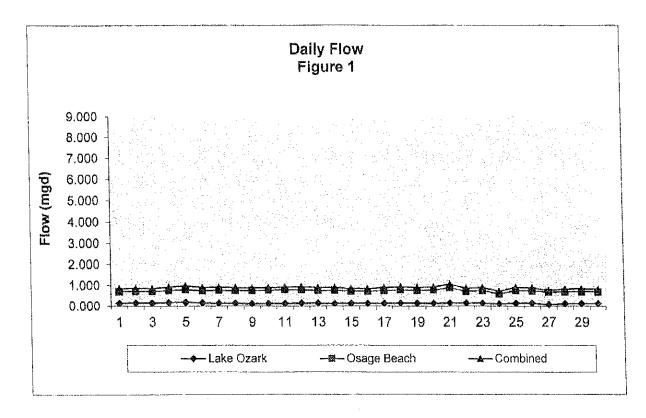
MISCELLANEOUS AND RECOMMENDATIONS

 We opened the Bids for the RAS Pump Replacement Project on the 4th of December, and we had three bidders out of six invites. The first was from Enviro-Line Co. at \$196,250.00, Zeller Technologies at \$188,600.00 and JCI Industries at \$188,500.00. (see attached bid tabulation sheet)

TABLE A LAKE OZARK/OSAGE BEACH WWTP

MONTH OF November 2023

DATE	į		FI.	ow			ВС	DD 5 M(G/L	1	SS MG	L,
	RAIN FALL IN.	LO mgd	OB mgd	COMB mgd	% LO	% ОВ	LO mg/l	OB mg/l	COMB mg/l	LO mg/l	OB mg/l	COMB mg/l
1-Nov	0	0,141	0.702	0,843	16.7	83.3						
2-Nov	0	0.154	0.715	0.869	17.7	82.3						APRICAL AND ADDRESS OF THE APRICA AND ADDRES
3-Nov	0	0.149	0.700	0.849	17.6	82.4	185	168	210	186	94	61
4-Nov	0	0.168	0.754	0.922	18.2	81.8					PTWIANI I	
5-Nov	0	0.183	0.789	0.972	18.8	81.2			******			
6-Nov	0.0	0.158	0.742	0.900	17.6	82.4						***************************************
7-Nov	O	0.143	0.769	0.912	15.7	84.3						
8-Nov	0	0.139	0.752	0.891	15.6	84.4						
9-Nov	0	0.119	0.758	0.877	13.6	86.4			···		***************************************	
10-Nov	0	0.126	0.766	0.892	14.1	85.9	203	185	215	132	138	27
11-Nov	0	0.135	0.789	0.924	14.6	85.4						
12-Nov	0	0.147	0.790	0.937	15.7	84.3						
13-Nov	0	0.144	0.755	0,899	16.0	84.0						
14-Nov	0	0.134	0.769	0.903	14.8	85.2			one have reconstituted		7	
15-Nov	0	0.132	0.719	0.851	15.5	84.5						
16-Nov	0	0.137	0.713	0.850	16.1	83.9						
17-Nov	0	0.139	0.761	0,900	15.4	84.6	185	168	308	144	130	3
18-Nov	0	0.151	0.789	0.940	16.1	83,9						
19-Nov	0	0.149	0.760	0.909	16.4	83.6						
20-Nov	0.25	0.143	0.784	0.927	15.4	84.6						
21-Nov	0.5	0.164	0.903	1.06	15,4	84.6						
22-Nov	0	0.153	0.721	0.874	17.5	82.5	200	183	17:	168	174	1 2
23-Nov	0	0.154	0.759	0.913		83.1						
24-Nov	0	0.126	0.601	0.72		82.7						
25-Nov	0	0.150	0.764			83.6						
26-Nov	0.2	0.150	0.744			83.2						
27-Nov	.0	0.083	0.687			89.2						
28-Nov	.0	0,137	0.705			83.7						
29-Nov	0		0.719	14		83.5						
30-Nov	0	0.132	0,696	0.82	8 15.9	84.1						-
OT IX f	1.0	4 222	22.375	26.657								
SUM	1.0	4.282										
AVG		0.143	0.746	0.889	16	84	193	176	227	158	134	37



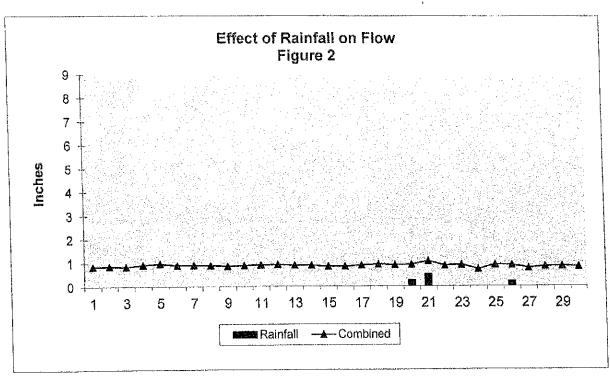
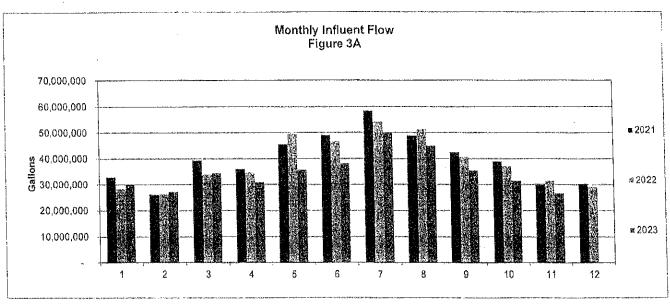
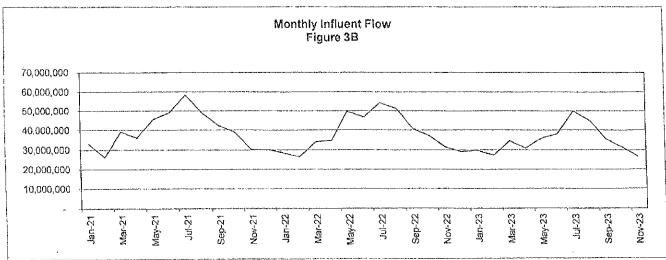
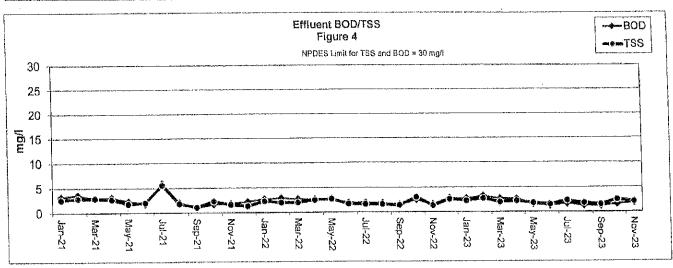


TABLE B JOINT SEWER BOARD Monthly Flows

Samuary 6.0 28,107,000 85% 4,855,000 15% 32,952,000 100% February 3.0 22,136,000 85% 4,048,000 15% 26,184,000 100% 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 15% 45,445,000 100% June 8.0 41,665,000 85% 7,390,000 15% 45,445,000 100% August 1.8 41,691,000 85% 7,211,000 15% 43,902,000 100% August 1.8 41,691,000 85% 7,211,000 15% 42,491,000 100% August 1.8 41,691,000 85% 7,211,000 15% 42,491,000 100% August 1.8 41,691,000 85% 7,211,000 15% 42,491,000 100% August 1.8 41,691,000 85% 5,987,060 15% 42,491,000 100% August 1.8 41,691,000 85% 5,987,060 15% 42,491,000 100% August 1.8 41,691,000 82% 5,987,060 15% 42,491,000 100% August 1.7 23,599,000 83% 5,025,000 17% 30,217,000 100% August 1.7 23,599,000 83% 5,025,000 16% 478,201,000 100% April 41,076,000 83% 5,677,000 17% 26,463,000 100% April 6.3 28,580,000 82% 5,687,000 17% 26,463,000 100% August 6.8 42,549,000 83% 8,597,000 18% 33,223,000 100% August 6.8 42,549,000 83% 8,597,000 17% 49,673,000 100% August 6.8 42,549,000 83% 8,716,000 17% 42,688,000 100% August 6.8 42,549,000 83% 8,597,000 17% 42,688,000 100% August 6.8 42,549,000 83% 8,597,000 17% 42,639,000 100% August 6.2 29,920,000 87% 4,88	<u> 2021</u>	RAINFALL	OSAGE BEACH	LAKE OZARK	TOTAL %
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% July 6.9 49,378,000 85% 7,390,000 15% 49,085,000 100% 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% September 3.1 36,185,000 85% 5,987,000 15% 42,491,000 100% October 6.0 32,225,000 85% 5,987,000 15% 42,491,000 100% November 0.8 25,120,000 83% 5,087,000 15% 48,201,000 100% 2022 RAINFALL OSAGE BEACH LAKE OZARK TOTAL	•		• '		,
April 5.2 30,179,000 84% 5,792,000 16% 35,971,000 100%	•		, ,		, ,
May				* *	, ,
June			, ,		
July	-				•
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% 42,491,000 100% November 0.8 25,192,000 85% 5,987,000 15% 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% 48,000 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% 5,670,000 17% 33,923,000 100% May 9.1 41,076,000 83% 8,597,000 17%					' '
September 3.1 36,185,000 85% 6,306,000 15% 42,491,000 100%	•		, ,		
October November 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% January 1.7 23,599,000 83% 4,824,000 17% 28,423,000 100% March 5.2 28,266,000 83% 4,610,000 17% 28,423,000 100% April 6.3 28,580,000 83% 5,657,000 17% 33,923,000 100% May 9.1 41,076,000 83% 8,597,000 17% 49,673,000 100% June 3.3 39,125,000 84% 7,563,000 16% 46,688,000 100% August 6.8 42,728,000 84% 8,591,000					
November 0.8 25,192,000 83% 5,025,000 17% 30,217,000 100%	4		-	• •	•
December 2.3 25,041,000 82% 5,317,000 18% 30,358,000 100%					
S2.2					
September Colored Co	December	2.13	was a significant and the	5 ,0 (1,7,0 0 x 51.5	
Sanuary 1.7 23,599,000 83% 4,824,000 17% 28,423,000 100%		52.2	403,341,000 84%	74,860,000 16%	478,201,000 100%
Sanuary 1.7 23,599,000 83% 4,824,000 17% 28,423,000 100%	วกวิว	DADNEALL	OSAGE BEACH	LAKE OZARK	TOTAL %
Sebruary 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 3.3 39,125,000 84% 7,563,000 16% 46,688,000 100% May 2.6 45,728,000 84% 8,591,000 16% 46,688,000 100% May 4,4328,000 84% 8,591,000 16% 46,688,000 100% May 4,4328,000 84% 6,499,000 16% 40,737,000 100% May 4,52 26,905,000 85% 4,739,000 15% 31,644,000 100% May 2.1 29,783,000 84% 4,359,000 15% 29,125,000 100% May 2.1 29,783,000 87% 4,085,000 13% 29,784,000 100% May 2.1 29,783,000 87% 4,085,000 13% 34,479,000 100% May 2.5 29,574,000 87% 4,085,000 1					
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 3.3 39,125,000 84% 7,563,000 16% 46,688,000 100% July 2.6 45,728,000 84% 8,591,000 16% 46,688,000 100% August 6.8 42,549,000 83% 8,716,000 17% 51,265,000 100% September 2.4 34,238,000 84% 6,499,000 16% 40,737,000 100% October 5.2 31,814,000 86% 5,317,000 14% 37,131,000 100% November 4.5 26,905,000 85% 4,376,000 15% 29,125,000 100% December 1.9 24,749,000 86% 3,812,000 13%<			, ,		•
April 6.3 28,580,000 82% 6,088,000 18% 34,668,000 100% May 9.1 41,076,000 83% 8,597,000 17% 49,673,000 100% June 3.3 39,125,000 84% 7,563,000 16% 46,688,000 100% July 2.6 45,728,000 84% 8,591,000 16% 54,319,000 100% August 6.8 42,549,000 83% 8,716,000 17% 51,265,000 100% September 2.4 34,238,000 84% 6,499,000 16% 40,737,000 100% October 5.2 31,814,000 86% 5,317,000 14% 37,131,000 100% November 4.5 26,905,000 85% 4,376,000 15% 31,644,000 100% December 1.9 24,749,000 85% 4,376,000 15% 29,125,000 100% February 3.9 23,448,000 86% 3,812,000 1					•
May 9.1 41,076,000 83% 8,597,000 17% 49,673,000 100% June 3.3 39,125,000 84% 7,563,000 16% 46,688,000 100% July 2.6 45,728,000 84% 8,591,000 16% 54,319,000 100% August 6.8 42,549,000 83% 8,716,000 17% 51,265,000 100% September 2.4 34,238,000 84% 6,499,000 16% 40,737,000 100% October 5.2 31,814,000 86% 5,317,000 14% 37,131,000 100% November 4.5 26,905,000 85% 4,376,000 15% 31,644,000 100% December 1.9 24,749,000 85% 4,376,000 15% 29,125,000 100% February 3.9 23,448,000 86% 3,812,000 13% 29,784,000 100% March 6.2 29,920,000 87% 4,085,000 1			• •	•	
June 3.3 39,125,000 84% 7,563,000 16% 46,688,000 100% July 2.6 45,728,000 84% 8,591,000 16% 54,319,000 100% August 6.8 42,549,000 83% 8,716,000 17% 51,265,000 100% September 2.4 34,238,000 84% 6,499,000 16% 40,737,000 100% October 5.2 31,814,000 86% 5,317,000 14% 37,131,000 100% November 4.5 26,905,000 85% 4,739,000 15% 31,644,000 100% December 1.9 24,749,000 85% 4,376,000 15% 29,125,000 100% 52.7 388,482,000 84% 75,577,000 16% 464,059,000 100% February 3.9 23,448,000 86% 3,812,000 13% 29,784,000 100% March 6.2 29,920,000 87% 4,559,000 13% <			* *		•
July 2.6 45,728,000 84% 8,591,000 16% 54,319,000 100% August 6.8 42,549,000 83% 8,716,000 17% 51,265,000 100% September 2.4 34,238,000 84% 6,499,000 16% 40,737,000 100% October 5.2 31,814,000 86% 5,317,000 14% 37,131,000 100% November 4.5 26,905,000 85% 4,739,000 15% 31,644,000 100% December 1.9 24,749,000 85% 4,376,000 15% 31,644,000 100% 52.7 388,482,000 84% 75,577,000 16% 464,059,000 100% 2023 RAINFALL OSAGE BEACH LAKE OZARK TOTAL % January 2.8 25,972,000 87% 3,812,000 13% 29,784,000 100% February 3.9 23,448,000 86% 3,820,000 14% 27,268,000 100%	-		•		
August 6.8 42,549,000 83% 8,716,000 17% 51,265,000 100% September 2.4 34,238,000 84% 6,499,000 16% 40,737,000 100% October 5.2 31,814,000 86% 5,317,000 14% 37,131,000 100% November 4.5 26,905,000 85% 4,739,000 15% 31,644,000 100% December 1.9 24,749,000 85% 4,376,000 15% 29,125,000 100%			· ·		• •
September October 2.4 34,238,000 84% 6,499,000 16% 40,737,000 100% October S.2 31,814,000 86% 5,317,000 14% 37,131,000 100% November 4.5 26,905,000 85% 4,739,000 15% 31,644,000 100% December 1.9 24,749,000 85% 4,376,000 15% 29,125,000 100% 52.7 388,482,000 84% 75,577,000 16% 464,059,000 100% 2023 RAINFALL January 2.8 25,972,000 87% 3,812,000 13% 29,784,000 100% February 3.9 23,448,000 86% 3,820,000 14% 27,268,000 100% March 6.2 29,920,000 87% 4,559,000 13% 34,479,000 100% April 1.3 26,903,000 87% 4,085,000 13% 30,988,000 100% May 2.1 29,783,000 83% 5,950,000 17% 35,733,000 100% June 0.9 32,155,000 84% 6,040,000 16% 38,195,000 100% July 7.1 42,263,000 85% 7,678,000 15% 49,941,000 100% September 2.5 29,574,000 83% 5,917,000 17% 35,491,000 100% September 2.5 29,574,000 84% 5,067,000 16% 31,535,000 100% November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100%	-		• •		*
October November 5.2 31,814,000 86% 5,317,000 14% 37,131,000 100% November December 4.5 26,905,000 85% 4,739,000 15% 31,644,000 100% 52.7 388,482,000 85% 4,376,000 15% 29,125,000 100% 2023 RAINFALL January 0SAGE BEACH 2.8 LAKE OZARK 25,972,000 LAKE OZARK 3,812,000 TOTAL 29,784,000 100% February 3.9 23,448,000 86% 3,820,000 14% 27,268,000 100% March 6.2 29,920,000 87% 4,559,000 13% 34,479,000 100% April 1.3 26,903,000 87% 4,085,000 13% 30,988,000 100% May 2.1 29,783,000 83% 5,950,000 17% 35,733,000 100% Jule 0.9 32,155,000 84% 6,040,000 16% 38,195,000 100% August 8.3 37,375,000 83% 7,664,	•		• •	· ·	
November December 4.5 26,905,000 85% 4,739,000 15% 31,644,000 100% December 1.9 24,749,000 85% 4,376,000 15% 29,125,000 100% 52.7 388,482,000 84% 75,577,000 16% 464,039,000 100% 2023 RAINFALL Price of the company of the com	•		* '	, ,	
December 1.9 24,749,000 85% 4,376,000 15% 29,125,000 100% 52.7 388,482,000 84% 75,577,000 16% 464,059,000 100% 2023 RAINFALL OSAGE BEACH LAKE OZARK TOTAL % January 2.8 25,972,000 87% 3,812,000 13% 29,784,000 100% February 3.9 23,448,000 86% 3,820,000 14% 27,268,000 100% March 6.2 29,920,000 87% 4,559,000 13% 34,479,000 100% April 1.3 26,903,000 87% 4,085,000 13% 30,988,000 100% May 2.1 29,783,000 83% 5,950,000 17% 35,733,000 100% June 0.9 32,155,000 84% 6,040,000 16% 38,195,000 100% July 7.1 42,263,000 85% 7,678,000 15% 49,941,000 100%			, .		· · · · · · · · · · · · · · · · · · ·
2023 RAINFALL OSAGE BEACH LAKE OZARK TOTAL % January 2.8 25,972,000 87% 3,812,000 13% 29,784,000 100% February 3.9 23,448,000 86% 3,820,000 14% 27,268,000 100% March 6.2 29,920,000 87% 4,559,000 13% 34,479,000 100% April 1.3 26,903,000 87% 4,085,000 13% 30,988,000 100% May 2.1 29,783,000 83% 5,950,000 17% 35,733,000 100% June 0.9 32,155,000 84% 6,040,000 16% 38,195,000 100% July 7.1 42,263,000 85% 7,678,000 15% 49,941,000 100% August 8.3 37,375,000 83% 5,917,000 17% 45,039,000 100% September 2.5 29,574,000 83% 5,917,000 17% 35,491,000 10			· ·		29,125,000 100%
2023 RAINFALL OSAGE BEACH LAKE OZARK TOTAL % January 2.8 25,972,000 87% 3,812,000 13% 29,784,000 100% February 3.9 23,448,000 86% 3,820,000 14% 27,268,000 100% March 6.2 29,920,000 87% 4,559,000 13% 34,479,000 100% April 1.3 26,903,000 87% 4,085,000 13% 30,988,000 100% May 2.1 29,783,000 83% 5,950,000 17% 35,733,000 100% June 0.9 32,155,000 84% 6,040,000 16% 38,195,000 100% July 7.1 42,263,000 85% 7,678,000 15% 49,941,000 100% August 8.3 37,375,000 83% 5,917,000 17% 45,039,000 100% September 2.5 29,574,000 83% 5,917,000 17% 35,491,000 10	December	***	21,113,000	, , ,	,
January 2.8 25,972,000 87% 3,812,000 13% 29,784,000 100% Pebruary 3.9 23,448,000 86% 3,820,000 14% 27,268,000 100% March 6.2 29,920,000 87% 4,559,000 13% 34,479,000 100% April 1.3 26,903,000 87% 4,085,000 13% 30,988,000 100% May 2.1 29,783,000 83% 5,950,000 17% 35,733,000 100% June 0.9 32,155,000 84% 6,040,000 16% 38,195,000 100% August 8.3 37,375,000 85% 7,678,000 15% 49,941,000 100% September 2.5 29,574,000 83% 5,917,000 17% 35,491,000 100% October 3.2 26,468,000 84% 5,067,000 16% 31,535,000 100% November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100% December		52.7	388,482,000 84%	75,577,000 16%	464,059,000 100%
January 2.8 25,972,000 87% 3,812,000 13% 29,784,000 100% Pebruary 3.9 23,448,000 86% 3,820,000 14% 27,268,000 100% March 6.2 29,920,000 87% 4,559,000 13% 34,479,000 100% April 1.3 26,903,000 87% 4,085,000 13% 30,988,000 100% May 2.1 29,783,000 83% 5,950,000 17% 35,733,000 100% June 0.9 32,155,000 84% 6,040,000 16% 38,195,000 100% August 8.3 37,375,000 85% 7,678,000 15% 49,941,000 100% September 2.5 29,574,000 83% 5,917,000 17% 35,491,000 100% October 3.2 26,468,000 84% 5,067,000 16% 31,535,000 100% November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100% December	2022	DATMEAT	OSAGE REACH	LAKE OZARK	TOTAL %
February 3.9 23,448,000 86% 3,820,000 14% 27,268,000 100% March 6.2 29,920,000 87% 4,559,000 13% 34,479,000 100% April 1.3 26,903,000 87% 4,085,000 13% 30,988,000 100% May 2.1 29,783,000 83% 5,950,000 17% 35,733,000 100% June 0.9 32,155,000 84% 6,040,000 16% 38,195,000 100% July 7.1 42,263,000 85% 7,678,000 15% 49,941,000 100% August 8.3 37,375,000 83% 7,664,000 17% 45,039,000 100% September 2.5 29,574,000 83% 5,917,000 17% 35,491,000 100% October 3.2 26,468,000 84% 5,067,000 16% 31,535,000 100% November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100% December					
March 6.2 29,920,000 87% 4,559,000 13% 34,479,000 100% April 1.3 26,903,000 87% 4,085,000 13% 30,988,000 100% May 2.1 29,783,000 83% 5,950,000 17% 35,733,000 100% June 0.9 32,155,000 84% 6,040,000 16% 38,195,000 100% July 7.1 42,263,000 85% 7,678,000 15% 49,941,000 100% August 8.3 37,375,000 83% 7,664,000 17% 45,039,000 100% September 2.5 29,574,000 83% 5,917,000 17% 35,491,000 100% October 3.2 26,468,000 84% 5,067,000 16% 31,535,000 100% November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100%			, ,		
April 1.3 26,903,000 87% 4,085,000 13% 30,988,000 100% May 2.1 29,783,000 83% 5,950,000 17% 35,733,000 100% June 0.9 32,155,000 84% 6,040,000 16% 38,195,000 100% July 7.1 42,263,000 85% 7,678,000 15% 49,941,000 100% August 8.3 37,375,000 83% 7,664,000 17% 45,039,000 100% September 2.5 29,574,000 83% 5,917,000 17% 35,491,000 100% October 3.2 26,468,000 84% 5,067,000 16% 31,535,000 100% November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100% December	_		, ,		
May 2.1 29,783,000 83% 5,950,000 17% 35,733,000 100% June 0.9 32,155,000 84% 6,040,000 16% 38,195,000 100% July 7.1 42,263,000 85% 7,678,000 15% 49,941,000 100% August 8.3 37,375,000 83% 7,664,000 17% 45,039,000 100% September 2.5 29,574,000 83% 5,917,000 17% 35,491,000 100% October 3.2 26,468,000 84% 5,067,000 16% 31,535,000 100% November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100% December			, ,		
June 0.9 32,155,000 84% 6,040,000 16% 38,195,000 100% July 7.1 42,263,000 85% 7,678,000 15% 49,941,000 100% August 8.3 37,375,000 83% 7,664,000 17% 45,039,000 100% September 2.5 29,574,000 83% 5,917,000 17% 35,491,000 100% October 3.2 26,468,000 84% 5,067,000 16% 31,535,000 100% November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100% December	-		• •	* *	
July 7.1 42,263,000 85% 7,678,000 15% 49,941,000 100% August 8.3 37,375,000 83% 7,664,000 17% 45,039,000 100% September 2.5 29,574,000 83% 5,917,000 17% 35,491,000 100% October 3.2 26,468,000 84% 5,067,000 16% 31,535,000 100% November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100% December	•		, ,	*. '	
August 8.3 37,375,000 83% 7,664,000 17% 45,039,000 100% September 2.5 29,574,000 83% 5,917,000 17% 35,491,000 100% October 3.2 26,468,000 84% 5,067,000 16% 31,535,000 100% November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100% December			• •	* *	
Adgust 3.5 29,574,000 83% 5,917,000 17% 35,491,000 100% September 3.2 26,468,000 84% 5,067,000 16% 31,535,000 100% November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100% December			* *	· ·	, ,
October 3.2 26,468,000 84% 5,067,000 16% 31,535,000 100% November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100% December	-		* "	· ·	, , ,
November 1.0 22,375,000 84% 4,282,000 16% 26,657,000 100% December	•		, ,	· · · · · · · · · · · · · · · · · · ·	, ,
December 1.0 22,0.5,000 010 1000 1000 1000 1000				, .	
			22,373,000 6470	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
39.3 326,236,000 85% 58,874,000 15% 385,110,000 100%	December	Γ			
		39.3	326,236,000 85%	58,874,000 15%	385,110,000 100%

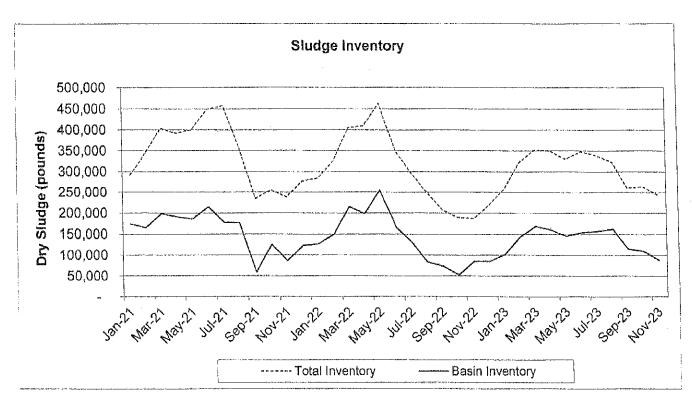


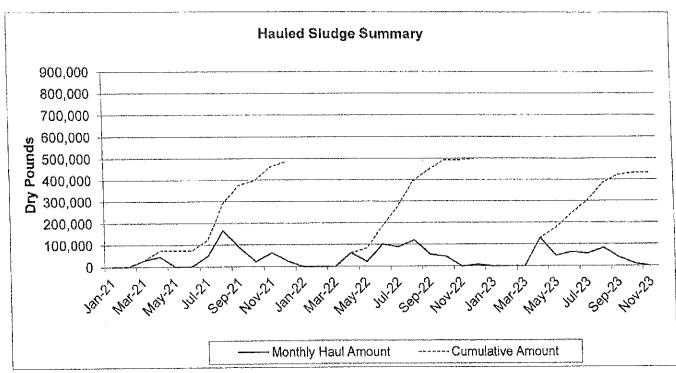




											Dio	rket Depths		MLSS Inve	enterv	Blanket and Mt.	SS Inventory	MLSS	Total Day	Accepted Septage
			Hauled	Sludge		Bas	in Depths			40-	Clarf#1			SS AB #1 Mi		Gallons	# Dry	.% Solids S	Studge Inventory	Loads Gallons
	Loads	Gattons	# Dry	% Solids	Annual Cumulative # Dry				Basin Gallons	# Dry	6.0	0.0	1.0	3.610	3,780	3,750,000	118,589	0.0038	292,077	83 205,500
Jan-21	0		0	4.4%		7.0	3.5	0.0	472,500	173,389 165,132	5.0	8.Q	0,0	5,490	5,750	3,830,906	179,558	0.00562	344,690	28 69,500
Feb-21	Ω	_	ō	4.4%		5.0	5.0	0.0	450,000 585,000	198,549	2.0	5.0	0,5	6,830	6,330	3,746,048	205,573	0.00658	404,122	32 70,000
Mar-21	23	85,100	28,883	4.1%		6.0	7.0	0.0		190,582	12.0	5.0	1,0	6,890	5,350	3,945,382	201,375	0.00612	391,957	22 52,000
Apr-21	39	144,300	45,269	3.8%		6.0	7.5	0.0	607,500	185,398	13.0	14.0	1.0	6.200	6,330	4,123,002	215,427	0.00627	400,825	45 128,500
May-21	0		. 0	3,8%		6.0	7.0	0.0	585,000 675,000	213,921	6.0	7.5	2.0	7.260	8,060	3,926,643	234,903		448.824	63 151,500
Jun-21	ก	-	0	3.8%		7.0	8.0	0.0	540,000	177.568	7.0	12.0	3.0	9,190	8,110	4.067,762	279,340	0.00823	457,007	117 289,000
21-يانز	40	144,000	47,378	3.9%		5.0	7.0	0,0	585,000	176,693	1.0	1.0	0,5	6,160	5,840	3,657,238	183,008	0.0060	359,701	86 163,000
Aug-21	153	550,800	166,363	3.6%		7.0	6,0	0.0	225,000	59,257	1.0	1.0	0.5	5,320	6,180	3,657,238	175,383	0.0058	234,640	62 159,500
Sep-21	92	331,200	87,226	3.2%		2.0	3.0	0.0	337,500	125,173	1.0	0.5	0.5	4,430	4,140	3,648,367	130,381	0.0043	255,554	34 80,000
Oct-21	17	61,200	22,698	4,4%		3,5	4.0	0.0	225,000	86.442	0.5	1.0	0.0	5,130	4,980	3,626,643	152,138	0.0650	238,580	37 83,000
Nov-21	46	165,600	63,621	4,6%		3.0	2.0	0.0	292,500	122,581	1.0	1,0	0.0	4,540	5,530	3,635,524	154,179	0.0051	276,759	27 62,000
Dec-21	16	57, 6 00	24,139	5.0%	, 485,677	4,0	2.5	0.0	337,500	126,654	1.0	3.5	0.0	5,060	5,180	3,679,929	157,136	0.0051	283,800	13 27,000
Jan-22	Û	· -	٥	4.5%	,	4.5	3.0	0.0 0.0	450,000	150,120	4.0	1.5	0,0	6,280	5,030	3,697,691	174,393	0.0057	324,513	32 68,000 23 48,000
Feb-22		-	٥	4.0%	•	7.0	3.0	0.0	585,000	214,872	9.0	10.0	0.0	5,870	5,760	3.937,478	190,464	0.0058	405,135	23 46,000 52 124,500
Mar-22		-	0	4.4%		6.0	7.0 5.0	0.0	540,000	193,255	10.0	10.0	1.0	7,100	5,600	3,998, 66 3	211,765	0.0064	410,021	37 85,000
Apr-22		169,200	62,120	4.4%		7.0	7.0	0.0	697,500	254,503	2.0	10.0	1.0	6,290	6,630	3,855,572	207,778	0,0065	462,281	42 93,500
May-22		57,600	21,017	4.4%		8,5 7,0	4.0	0.0	495,000	167.049	4.5	9,5	1.5	5,760	5,010	3,753,952	184,247	0.0059	351,297	33 68,500
Jun-22		302,400	102,052	4.0%			2.5	0.0	427,598	132,051	8.0	3.0	1.5	4,740	5,880	3,880,524	156,296	0.0052	298,348 250,418	168 300,000
22-اياز	80	288,000	38,951	3.7%		7,0 2.0	4.0	0.0	270,000	83,629	1.5	1.0	0.5	5,490	5,420	3,655,119	166,789	0.0055	207,251	76 168,000
Aug-22	108	388,800	120,426	3.7%		3,5	2.0	0,0	247,500	72,893	1.0	1.0	0.5	4,650	4,160	3,657,238	134,359	0.0044 0.0045	189,149	33 71.000
Sep-22		183,600	54,073	3,5%		1.0	3.0	0.0	180,000	52,863	0.5	0,5	0,5	4,590	4,390	3,639,475	136,286	0.0034	186,954	38 89,500
Oct-22	42	151,200	44,405	3,5%		4.0	2.5	0.0	292,560	85,381	1.0	1.0	0.0	4,330	2,340	3,635,524	101,573	0.0034	218,478	33 71,500
Nov-22	O	-	Ω	3,5%		4.0	3.0	0.0	315,000	84,722	1.5	1.5	0.0	4,510	4,270	3,653,286	133,756	0.0051	257,625	35 74,500
Dec-22	8	28,800	7,746	3.2%		5.0	3,5	0.0	382,500	102,082	1.0	1.0	0.0	4,880	5,380	3,635,524	155,543 177,882	0.0051	321,997	38 87,500
Jan-23	. 0	-	Đ	3.2%		6.5	5.5	0.0	540,000	144,115	2.0	2.0	0.0	6,050	5,570	3,671,048	184,213	0,0060	352,347	50 115,500
Feb-23	. 0	-	Ō	3.2%		7.0	7.0	0.0	630,000	168,134	1.0	2.0	1.0	5,310	6,640	3,696,714	189,771	0:0062	350,138	82 171,500
Mar-23	. 0	*	0	3.2%		7,5	4.0	0.0	517,500	160,367	1.0	1.0	1.0	5,200	6,170	3,678,952	184,142	0.0058	330,226	49 102,500
Apr-23	116	417,000	129,223	3.7%		6.0	6.0	0.0	540,000	146,084	0.5	9.0	0.5	5,120	6,530	3,790,453	193,254	0.0062	348,207	59 131,500
May-23	48	172,800	46,747	3.2%		6.0	5.0	0.0	495,000	154,953	1.5	4.0	0.5	6,020	6,440	3,719,405	182,086	0.0059	339,287	61 120,500
Jun-23	. 58	208,800	65,362	3,8%		5.0	5.0	0.0	495,000	157,200	2.0	3.5	0.5	6,030	5,710	3,719,405	160,285	0.0053	322,658	27 65,500
Ju!-23	51	183,600	58,307	3.8%		7.0	4.5	0.0	517,500	162,373	1.0	1.6	0.5	5,600	4,910	3,657,238	145,339	0.0048	260,842	84 164,000
Aug-23		266,400	83,587	3.8%		7.5	0,5	0.0	360,000	115,503	1.0	1.0	0.5	4,780	4,750	3,657,238	154,650	0.0051	264,426	40 85,500
Sep-23	34	122,400	39,271	3.8%		7.5	0.0	0.0	337,500	109,776	0,5	0,5	0.5	4,530	5,660	3,639,476 3,692,762	155,374	0.0050	243,194	30 59,000
Oct-23	9,5	34,200	11,124	3,9%		3.0	3.0	0.0	270,000	97. 8 20	2.0	2.0	0.5	4,550	5,540	3,002,702	133,314	0,0000		,
Mar. 00			o	3.9%	, 4JJ,D4 i	0.0														

.

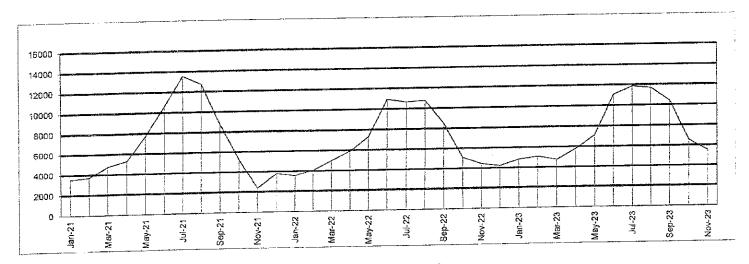




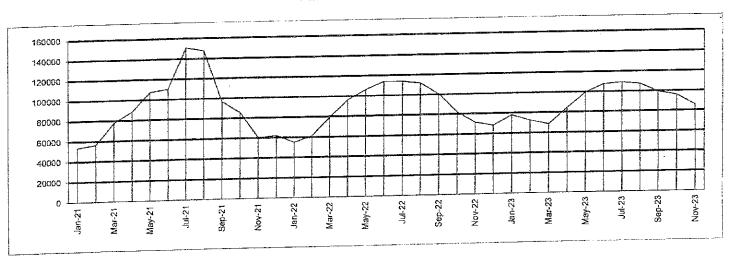
Electric Cost Kilowatts Used

Jan-21	3524	53,730
Feb-21	3696	56,370
Маг-21	4776	77,720
Apr-21	5281	88,390
May-21	7727	107,320
Jun-21	10610	110,130
Jul-21	13533	150,740
Aug-21	12737	147,810
Sep-21	8751	96,600
Oct-21	5233	85,530
Nov-21	2348	60,370
Dec-21	3776	62,100
Jan-22	3547	55,070
Feb-22	4063	61,330
Mar-22	4979	79,050
Apr-22	5907	96,160
May-22	7292	106,100
Jun-22	10958	113,870
Jul-22	10648	113,590
Aug-22	10800	111,690
Sep-22	8498	100,470
Oct-22	5071	82,030
Nov-22	4451	71,240
Dec-22	4224	68,000
Jan-23	4809	77,980
Feb-23	5074	72,420
Mar-23	4730	68,320
Apr-23	5801	84,440
May-23	7128	99,300
Jun-23	11076	107,520
Jul-23	11845	109,070
Aug-23	11697	107,330
Sep-23	10438	99,140
Oct-23	6553	96,000
Nov-23	5 474	85,570

Electric Cost



Kilowatts Used





MISSOURI DEPARTMENT OF NATURAL RESOURCES DIVISION OF ENVIRONMENTAL QUALITY

Discharge Monitoring Report For Municipal Wastewater Treatment Plants

4 E J. J. J.		NAM	OF F	ACIL	.ITY			w	Versalis Versalis de Tre	LC	CATIC	N AD	DRESS	& CIT	Y		CO	UNTY/R	EGION
	Lake of	the Oz	arks l	Regio	nal WW1	P #1					#3	Ander	son Ro	ad			ļ	Miller/SV	VRO
МОИТНА	YEAR			PER	RUN TIME	MBER		DUTF	ALL NU	ABER					EATMENT				ļ
Nov-2	23	INFLU	IEALY.		10-01032	41			#001			ation UENT		V/Slud	ge Holdin	g-slud	ge is l	and app % Remo	
			Γ		nmonia	,,		Ī			· · · · · · · · · · · · · · · · · · ·	Ammo	nia		E. coli			·	
DATE	pH UNITS	BOD mg/L	TSS mg/		as N mg/l	TEMP °C	FLOW MGD	UN	ITS n		TSS ng/L	as N mg/	1 .		COLFRM #/100 ML	TEMP °C		ng/L	TSS mg/L
1	6.9				17.1	14.9	1.073	7	.6			0.0	2	9.6		11.8	3		
2	6.9					15.9	1.130	7	.6					10.1		12.5	5		
3	7.0	210	616	3		16.7	1.039	8	.0	1.9	2.6			10.4		13.5	5	99.1	99.6
4	7.0					17.2	1.186	7	'.6			.,,		10.1		14.	1		20
5	7.0					16.1	1.231	7	7.6					10.1		13.4	4		
6	6.9					18.7	1.181	7	7.6					10.0		16.	0		
7	7.0					18.3	1.262		7.6					9.7		16.	7		
8	6.8				36.0	19.0	1,403	-	7.6			0.0	3	9.7		17.	6		
9	7.1					17.6	1.311		7.7					9.5		16.	3		
10	7.0	215	27	4		16.7	1.226		0.8	2.0	2.2			4.8		15.	4	99.1	99.2
11	6.9					15.4	1.256	,	7,6					10.0	<u></u>	13.	1		
12	7.5					16.9	1.205		7.7					10.2		13.	0		
13	6.9					16.5	1.124		7.6					10.3		14	2		
14	7.0					15.0	1.128		7.6					10.3		12	9		······································
15	7.0	1			36.3	16.3	1.111		7.5			0.	05	10.5		13	.5		
16	6.9					16.5	1.052		7.6					8.7		13	.7		
17	7.0	308	37	76		16.7	1.130		7.5	1.8	1.9			3.7		14	.9	99.4	99.5
18	7.1					15.9	1.063		7,6					10.2		13	5,1		
19	7.0					16.2	1.114		7.7					9.9		13	3.0		
20	7.0					15.7	1.137		7.6					9.3		13	3.4		
21	7.2				26.9	16.5	1.294		7.7			0	.05	9,6		1:	3.6		<u> </u>
22	6.9	17	5 2	36		14.0	1.134		7.6	1.7	1.6			9.8		12	2.6	99.0	99.
23	6.9					14.3	1.157		7.9					9.9		1:	2.3		
24	6.9					14.2	0.926	3	7.9					10.1		1	1.1		
25	6.9					13.9	1.096	3	7.5					10.3	3		3.7		<u> </u>
26	7.2					13,8	1.109	∍ [7.7					11.3		1	1.0		
27	7.0					14.5	0.955	5	7.6				,.,	11.3			0.3		
28	6.9					13.3	1.036	6	7.5					12.0		-+	0.5	<u> </u>	
29	7.0				26.5	14.4	1.07	1	7.5				0.01	11.			0.4	ļ	
30	7.4					13.9	1.03	4	7.6	 	-	-	ALCOHOL TO THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OWNER OF THE OWNER	11.	3		11.1	<u> </u>	-
Takel							34.17	74								A STATE OF THE STA	7 (A)		
Total		文字 公正子		376	28.6		1.13	li.					0.03	9,8			13.2	99.2	
Avg				376 236	17.1		0.92		7.5	1.7			0.01	3,			9.7	99.0	
Min Max	6.8 7.5	1		<u>230</u> 616	36.3		1.40		8.0	2.0			0.05	12			17.6		

	MONTHLY EFF	MONITO	ORING	QU,	ARTERLY EFF	MONITORIN	IG	MONTHL	Y INF M	ONITORING
DATE	Phosphorus mg/L	TKN mg/L	Nitrite+Nitrate mg/L	Oil & Greas mg/L	e TR. Cadmium mg/L	Selenium mg/L	Hardness mg/L	Phosphorus mg/L	TKN mg/L	Nitrite+Nitrate mg/L
1								3201012-0		
2			ACCOUNT OF THE PROPERTY OF THE							
3										-
4			·	to the beam are not to be a second and the second are not to be a second and the second are not to be a second as a second are not to be						
5		winder and the second s								
6			Annual bank house transport of the transport of the contract o						<u> </u>	
7						a down a dillional result is classically and	T. C. B. C.		ļ	
8	5.43	< 0.130	37.2		Mary man and the state of the s			7.57	37.9	0.154
9										
10			a ministration to the second s							
11				444 - 4450M 4475M 2778 M 2774 COM CONSIDER-STO	arpopulary service to re-minute constitution (STS) (STS) (STS) (STS) (STS)				- WANTEN IN	12,000
12										
13			The state of the s							
14	- WAL PECANTCHYMON	<u> </u>								
15								A T / T CONTERNACION		
16			L-2402-00-7	-						
17										
18										
19		<u> </u>								EMPS CONTRACTOR OF THE PROPERTY OF THE PROPERT
20	and the second s									
21			ANNO.					A AMERICAN SANSAN S		
22										
23										**************************************
24	The second secon	ADU-0-34	MONTH OF THE PERSON NAMED IN COLUMN NAMED IN C		CHECK HOSE DANGE OF THE STATE O		-			
25	a									
26										
27								:		
28 29								INC.		
30				CAMPATAN STREET, STREE					_	
30										
Total	543	£0.1	37.2					\$ 356 B	37	9 0/154
Avg	5.43	< 0.13						7.57	37	.9 0.154
Min	5.43	< 0.1		-,				7.57	37	,9 0.154
Мах	5,43	< 0.1						7.57	37	.9 0.154

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

	SLUDGE		eration Bas		وببريد منصبب بجببي	_	The state of the s	sin, O-Ditc	sh, Etc.	*Weath	er Con	ditions
,	DISP.			LIQUOR			MIXED	LIQUOR		Outside		
· ·	LBS. DRY	* DO	** MLSS	*Settlea		* DO	** MLSS	*Settlea		* Ambient	*RAIN	Time
DATE Nov-23	WEIGHT	mg/l	mg/l	*30 min ml	Temp ° C	mg/l	mg/l	*30 min ml	Temp ° C	Temp ° F	Inches	
1		6.8	4,580	500	11.6	4.5	5,810	820	12.7	29	0	7:30
2		7.9	3,640	680	12.3	4.8	5,370	820	12.9	35	0	7:30
3		7.1	5,340	600	13.4	5.9	4,970	750	13.8	41	0	7:30
4		6.2	5,490	800	14.8	6.2	4,700	700	15.0	58	0	7:30
5		4.8	5,410	800	13.7	6.2	4,750	650	14,3	44	0	7:30
6		3.2	5,570	700	17.5	4.8	3,980	400	17.4	59	0	7:30
7		3.5	5,870	700	17.2	4.2	4,400	500	17.0	57	0	7:30
8		2.6	5,390	550	17.7	3.9	3,140	400	17.8	62	10	7:30
9		3.0	5,410	600	16.9	2.8	2,240		17.0	48	0	7:30
10		3.5	5,230		15,5	5.0	4,860	·	15.5	40	0	7:30
11		5.6	4,320	720	13.4	6.1	3,760		14.0	35	0	7:30
12		5.6	4,780	· ·····	13.8	6.0	5,000		14.0	41	0	7:30
13		6.5	4,690	620	14.6	4.7	6,030		14.6		0	7:30
14		5.4	, 3,370	680	13.2	4.0	5,560	860	14.1	35	0	7:30
15		6.4	5,280	690	13.4	4.0	3,220	550	14.1	39	0	7:30
16		4.5	5,670	820	13.8	4.0	4,980	710	14.5	42	0	7:30
17		3.7	5,980	800	15.5	3.5	5,120	750	15.8	61	0	7:30
18		6.6	5,540	820	13.5	5.3	5,070	750	13.6	32	0	7:30
19		6.1	5,950	750	13.5	5,0	5,430	840	13.8	39	0	7:30
20		7.3	4,420	620	13.8	7.1	5,740	840	14.0) 48	0.25	7:30
21		4.8	5,020	760	13.8	4.3	5,110	008 0	14.2	48	0.5	7:30
22	A COLUMN TO THE PARTY OF THE PA	5,4			12.7	4.5	4,780	790	13.1	36	0	7:30
23		5.9			12.4	5.5	5,020	0 800	12.7	7 36	0	7:30
24		6.0	5,360	820	11.8	6.9	5,030	0 810	11.7	7 62	0	7:30
25		7.0			11.0	7.1	5,160	0 830	11.0	30	0	7:30
26		6,9			11.6	7.1	5,370	0 850	11.5	5 38	0.2	7:30
27		7.6			10.9			0 870	10,9	9 30	0	7:30
28		6.4			10.4	7.3	5,590	0 870	10.5	5 29	0	7:30
29		5.9			11.0	6.6	5,690	0 840	11.2	2 36	0	7:30
30		6.0	4,550	0 850	11,1	4.8	5,540	0 860	11.0	0 40	0	7:30
			<u></u>									
COMMEN	ALIS:											

TESTS PERFORMED BY (PRINT)	/ \ \ SIGNATURE /	PHONE #	DATE
<u> </u>			,
John Hornback	1/Mm Hornball	(573)365-0455	12/5/2023
	1 Javoc TTUCKOCC	(3/3)303-0433	12/0/2020
REPORT APPROVED BY (PRINT)	/// SIGNATURE	PHONE #	DATE
li .	A A A		
Garv Hutchcraft	Maus of the Lawred X	/570)005 0455	40/2/0000
Odry Hutchicraft	1. / vac.	(573)365-0455	12/5/2023

*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 Poliutant Discharge Elimination System (NPDES) Discharge Monitoring Report (DMR)

Permit Number	Outfall Number
MO0103241	001M
Monitori	ng Period
11/1/23	11/30/23

Parameters	Rep	orting Requireme	nts	Unit	Keporting b	Requirements	Unit
ow, in conduit or thru eatment plant	****	承水南凉 凉	****	米韦米米米	1.403	1.139	Mgal/d
- باي.	****	李本州李承 * 李林松本	*************************************		Daily Max.:Monitoring Required	Monthly Avg.:Monitoring Required	
imple Type: Total Measured			1	i	1		•
requency: Daily							
OD, 5-day, 20 deg. C	****	2.0	1,9	mg/L	****	非水林市市	****
fon. Location.: End of Pipe	******	Weekly Avg.:45	Monthly Avg.:30		****	水水水水 水水水水水	
ample Type: 24 Hour Composite		,				(((((((((((((((((((
otal Suspended Solids (TSS)	***	2.6	2.1	mg/L	木木本布木	****	****
Aon. Location.: End of Pipe	*****	Weekly Avg.:45	Monthly Avg.:30	,	*****	*****	
Sample Type: 24 Hour Composite	•	,				 	
requency: Weekly							
THE PARTY OF THE P	5,43	****	5,43	mg/L	*****	****	****
Phosphorus, total (as P)	Daily	****	Monthly		****	*****	
Mon. Location.: End of Pipe	Max.:Monitoring Required	, , , , , , , , , , , , , , , , , , ,	Avg.:Monitoring Required				
Sample Type: 24 Hour Composite		1			1		
Frequency: Monthly			La reason				
Nitrogen, Kjeldahl, total (as N)	<0.130	***	<0.130	mg/L	杂米安妆妆	****	*****
Mon, Location.; End of Pipe	Daily Max.:Monitoring Required	******	Monthly Avg.:Monitoring Required		*****	*****	
Sample Type: 24 Hour Composite			': 				
Frequency: Monthly				_			
Nitrite plus nitrate total (as N)	37.2	神松水水彩	37.2	nıg/L	泰米米米泰	和非故水中	****
Mon. Location.: End of Pipe	Daily Max.:Monitoring Required	· · · · · · · · · · · · · · · · · · ·	Monthly Avg.:Monitoring Required		********	*************************************	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Nitrogen, ammonia total (as N)	0.05	*****	0.03	mg/I	*****	****	****
Mon, Location.: End of Pipe	Daily Max.:Monitoring Required	*****	Monthly Avg.:Monitoring Required		*****	****	
Sample Type: 24 Hour Composite							
Frequency: Weekly							

Lake of the Özarks 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)

оН	7.5	****	8.0	SU	****	****	****
Mon. Location.: End of Pipe	Minimum:6.0	*****	Maximum;9.0		****	*****	
Sample Type: Grab							
Frequency: Weekly							
BOD, 5-day, percent removal	****	****	99.0	%	*****	****	****
Mon. Location.: End of Pipe	*****	******	Monthly Avg. Min.:85		****	*****	
Sample Type: Calculated		į			j		
Frequency; Monthly							
Suspended Solids, percent removal	****	本市北安 本	99.2	%	郑水水 咖	****	****
Mon. Location.: End of Pipe	淮凇水水水,水水水水	冰滩水喷水。 ※冻水谷安	Monthly Avg. Min.:85		*****	**************************************	
Sample Type: Calculated							
Frequency: Monthly							

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

Comments:

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

11/1/23	Outfall Number
MO0103241	INFIM
Monitorii	ng Period
11/1/23	11/30/23
NODI:	乔力士最秀

Parameters	Re	porting Requirem	ents	Unit	Reporting	Requirements	Unit
OD, 5-day, 20 deg. C	卷章水板水	****	227	mg/L	****	****	****
Ion. Location.: Influent	本手如水水。**郑水林和	*****	Monthly Avg.:Monitoring Required		李水传水水,如水水水油	本家原治士。安治宗宗本	
Sample Type: 24 Hour Composite						1	
Frequency: Monthly							
Fotal Suspended Solids (TSS)	华格林中	****	376	mg/L	****	****	****
Vion. Location.: Influent	*****	*****	Monthly Avg.:Monitoring Required		*****	*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly	i. 						
Nitrogen, ammonia total (as N)	36.3	*****	28.6	mg/L	冰水水水水	****	****
Mon. Location.: Influent	Daily Max.:Monitoring Required	****	Monthly Avg.:Monitoring Required	1000	*************************************	李宇迪水水·李本本希 本	
Sample Type: 24 Hour Composite			: -		1		
Frequency: Monthly							
Phosphorus, total (as P)	7.57	印度瑞布米	7.57	mg/L	****	****	****
Mon. Location.: Influent	Daily Max.:Monitoring Required	本本水豐水 □米米彩料水	Monthly Avg.:Monitoring Required		****	*****	
Sample Type: 24 Hour Composite			- AAAAAAA TUUR	1			
Frequency: Monthly			1				
Nitrogen, Kjeldahl, total (as N)	37.9	柳准准书室	37.9	mg/L	****	****	****
Mon. Location.: Influent	Daily Max.:Monitoring Required	******	Monthly Avg.:Monitoring Required		*****	李林林林华·李林春承春	
Sample Type: 24 Hour Composite				1			
Frequency: Monthly							
Nitrite plus nitrate total (as N)	0.154	****	0.154	mg/L	水水和水水	****	
Mon. Location.: Influent	Daily Max.:Monitoring Required	****	Monthly Avg.:Monitoring Required	Total Control of the	*******	******	
Sample Type: 24 Hour Composite			;			LAA.	1.11
Frequency: Monthly					1		

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)

	with a system designed to assure that qualified personnel property gather and evaluate e for gathering the information, the information submitted is, to the best of my cluding the possibility of fine and imprisonment for knowing violations.
Submission Date December 6, 2023	User Phone Number (573)365-0455

LAKE DZARKOSAGE SEACH WWTP Operation Report

88 NOVEMBER 2023

																								-1-			clear Clear	man ()			-			etergysy Priespag Çal Haza	Liev .		i i	7611	LINE SAL	(T,12	arrox								PL, NE	ETFILET	7								STORE ST. E.S.	err.	3417 1011	Mary arga de l'ares
syptosiarch:	Т								'n	ANG DIFF	e te Mil									CYTTE	enter (AL NIM	#37V/PE	1			NECT THE	PONT)	,	-	-		<u>**</u>	PATENTAL ELEN LAL	rine i	i	-			7	-			Τ.	1.97			Π,	Ī	.	6.	į.	15	7.0	1	3	25	11.64	annar.	94	72.00g	16. F
מאנה	PULM.	P.E.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E ST	979	95058	Marketon B	î	ज्यम् वृक्टा	Tib-ca raph	S uplies &	e t	December of	(Kowy)	Tree E. Land	Separate Sep	Street,	£	Ž.	eum22		PHINTED IN	or it and more of		7,177 W	T. Chickery	12	3	9	8	a l	21	Control of the Contro	á	1	1 1	ì	HANN'S	ACOM ACOM PANAN	 -	-+	PLOS COR	۲.	2	APPL ACCOUNTS		4.5	02 1	+	2 =	P.E.	(at la		1 3 3	23	AND THE PARTY OF T	Sand.		43 5	_		1
					+-	1-		+		1	 	-	17.1		+-	+	1	5 95	14	1		0		-,,	4,584	»į́.	980	10	4 7	24	6.5	2.EKI					9.3	1,13		4	0.5	1 073		-		10	1		2.5	1	7						-	ş. î	96 3	0,1647	45,50	<u>el 53</u>
			0,702	7	7	+	1-	\dashv		1-	+				1	1		6.75	15	2	С	ŭ		35	1,640	01	680	28	7	w	79	5,370	82	10-	153		4.8	1.0	- 0		0.5	1.039		3	9 24	-	-		ŧ 5	7			1		1_	Ī	Ĺ.	تول [20	K 125		
			0.715	7		5 1	<u< td=""><td>-</td><td>1:66</td><td>9</td><td>+</td><td>26</td><td></td><td></td><td>1</td><td>1</td><td></td><td>7 02</td><td>In.</td><td>7</td><td>c</td><td>ij</td><td></td><td>-1</td><td>5,340</td><td>2</td><td>680</td><td>_11</td><td>2 7</td><td>24</td><td>71</td><td>1,970</td><td>75</td><td></td><td></td><td>F 4.1</td><td>7.4</td><td></td><td></td><td>1</td><td>SF 5</td><td>1 196</td><td></td><td>1</td><td>2</td><td>10</td><td></td><td></td><td></td><td>T</td><td>1</td><td></td><td>1</td><td></td><td>1</td><td>_</td><td></td><td>13</td><td>34</td><td>\$ 350</td><td></td><td>ــــــــــــــــــــــــــــــــــــــ</td></u<>	-	1:66	9	+	26			1	1		7 02	In.	7	c	ij		-1	5,340	2	680	_11	2 7	24	71	1,970	75			F 4.1	7.4			1	SF 5	1 196		1	2	10				T	1		1		1	_		13	34	\$ 350		ــــــــــــــــــــــــــــــــــــــ
			0.754			945	308	SIV.	1.00	1	1				i	Ť		6.99	17	2	ç	6		58	5,490	0	800	14	6 7	20	6.2	4,700	70		(A)		씍	0.5	0	1	45	1.231				10			3.4	1]		<u> </u>	1.4		7.110		+
			0.754	-1	-1					i	1	Ť			7	-	7	7.01	16.		4.	0	1	44	5,410	٠	\$06	_	я т.	_	48	A,750	- 65		1351		6.2	45.5	- 0		93		3		 	Éte			501				l .	Ţ	1			1.1	74	8,450	_22,59	<u> </u>
			0.742			-		+		1-	1				T	é		6.35	18	7	c	ô	1	19	3,370	al_	700	1:	6 7	.66	12	1,980				*	19-	47.5	4	0	0.5	1.262			1	È a		_;_	6.7]		ĺ	1_			<u> </u>	1		1 150		
	_		0.742	7		+	1	-		1	i	- -				1	T	6.95	l R	ı	c	n		97	>,870	ai	700	2.0	0 7	Dti	15	4,400		1-			42	15		<u>.</u>	0.3	1,403 1,403	1			1 4	7 6		7.5	· .	5.43	0 130	37.3	ş .	1	ļ	<u> </u>	1:		6 S 3 5		-
			0.753		_	- -	+	7		├ ~	1		36.0	7.5	7 3	7.9 0	.854	6.83	16	0	Ç:	13		62	5,99		230	30	2 7	41	26	3,3-46						15		_[00	1 733			1	1 ,	,,	1	63	1			1	i	1	_	-	1.		áurus ávurus		-
			0.753			+	+	十			1	7						700	17	6	Ç.	0	_	.48	5.019	<u>0</u>	1500			-194	, g	2,240			1227		P\$	0,5		g	50	1 226			g 2.	-1	1.1		5,4		Ī		<u> </u>	1		. <u>ļ</u>	_			8,190		+-
			0.766	-	-F	NG 1	85	223	132	! !3	8 :	77.1				1		6.98	16	7	c	. 0		-l2∮_	5,230	0	TAB	1	-;-		35	4,300	t	en!			56	0.5		21	9.0	1 250			1	10	ei -		3_1				ļ	1_	L.					7.745		+-
			0.759		_		-	~		-	1	T			L	1		6,91	1 15	<i>*</i>	c	6		35	4,32	2	720	11	,		, o	3,764	-				- []-	05		0	0.0	1.205			;	15	2		3.0				ļ	1-	-	 		_		5,265		
12 14			0.790	1	-	1		7			1				1			7,50	1 56	9	¢	9		-11	4,730	2	7801		3 7		54	5,004	1				5.6	0.5	,		43.0		761		1	16	3		42		!					+				x,155		
		-	0.75	-1		\neg	-	7		1	1							6 41	26	5	4	0	-	<u>. 44</u>	2000		620		2, 3		요취-	rety til	1		155		0	12 1 D	1	<i>p</i>	Del	1.238			1	18		١,	29	_	!		<u> </u>		1	4—	-			4.010		
15 M			0.766	-	~	_				ì	T					1		44	15	ul .	C }	0	<u> </u>	_55	1,17		550		2 7	1	5,4	5,50,0	1		171	_	2.0	1.5		-	ac		7.50	-		10	15 (155	5.5				↓			+-	+			k 775		-
15 M			R789		~	1-	1			1	å.		16.3			1		6.93	1 14	3	쁘	<u> 1</u>	ļ	.19	5,28	21-	690				63	3,770		-	142		9			9	60	1992	1 161	r			.7		3.7				<u> </u>		4	4-				R.785	45,68	<u>-}</u>
15 55			T-~~~													_		0.83	16	-	c	ľ	<u> </u>	-22	5,67	9	820		15 7		4.5	4 ₃ 090					12				e G	1 1 30			8 1	اه	3.7	. ! ,	19				<u> </u>	<u> </u>	ļ	- <u>i</u>				10,875		21
17 M	—÷		0.761			9.5	168	308	144	1.3	20	376		<u> </u>		_,]		7,04	18	7	Ð	Ģ	<u> </u>	61	5,984	10	8000		56 J		.13	5,120	-	22 _	146		3.6	1.6	0	_	0.0	1 663	7.60	2	1	1 10	1.2	} .	3.1			,	!	1	-	<u> </u>	<u> </u>			8.420		
(R. M			0.735		-	-	-			1				Ĺ		_		7.04	3.5	<u> </u>	c	q	•	-72	1.54	10	820		15. 7		0.6	5,670	-	~			50	<u>1.9</u>		5	110		10		<u> </u>	} •	5.9	باب	30					J		4-				6000	44.00	ز این
19 24			0.766		_,	-	_			5		1			1_			7.0	110	z <u> </u>	e.	1	<u>.</u>	.59	123		750	-	24, 7		u.	2,150	1	~-			22	Tr	F-7		19 19	$\overline{}$	7.0		7	1.	9.3		1.7				. 		+	+				9,425	40,50	~
20 20			0.10	-1		-	_			7		П						7.0	1 35	2	165	0.22	ļ	48	الإفراد	<u> </u>	920			32		5,740	1		146		43	2.0			ri Di	1 294	1		-] -	96	206	35		_		1-	Ļ	- -		-			8,395		+-
21 N			·	·	1		十	†			7		269	i		<u> </u>	_	7.2	10	3	o,	0.5	<u> </u>	48	5,62		760	-			4.8	5,310	ļ	98	150		4.3	10	-	15	0.9	1.134		in I	17 2	5	y as i		120		ļ		-	ᆜ					;	9,370		
21 M					_	na -	187	175	Idi	s 17		236]			6.9	2 11	_ا⊵	c	:	<u>.</u>	10	5.50	io.	770	_	-	221	-1-1	4,780	-		165		15	2.8	-		13.61	1 157	·		_	1 ,	y 9/		12.3				-	ֈ_		+				7,455		
	IFH .		0.75	-	1	-	1	-		ī	1	-,				}	[h.d.	1 14	1	e e	ŧ	<u> </u>	_30	227	<u>n -</u>	210		٠-	-	39	1,020	-	2001	164		69	Z.5		a	0.0	0.920	7	5] ,	u I		15.1						4	 -				7,660		+
	FH		0.60			_				1					L			46 B	2 13	<u> </u>	5		<u> </u>	.22	3.35	9	820	<u>,</u>	53 7		- 44 j	200		30		7.20	9.7	16	1	7-	6.43	2 (71)6	7.5	.,	1	1	أده	.,	27					4-	-{	-	+			0,195		-
	па		0.76					-1		1				<u> </u>				6.9	2 .3		c	4	<u> </u>	10	5,21		826	•	57 7		7.0	5,100	·	~~~				0.5			a ()	1 664	76			1			(10					+	- -	+-				7,87 <u>0</u> 8,750		ļ
	IFH.		074			_				Ī							_	7.1	6 aJ	a	0	0.1	<u> </u>	-34	5,38		800	:-		122	6.9	5.370	ž	100		7.41		1.0	1	25	0,0	0.95	3 3	10		1	ы		10,3				-						-	6,500		-
	FH.		0.680							1				<u> </u>	1_			7.6	1 14	.5	<u> e</u>			30	5,17	-	810		\neg	7-92	16	\$,516	1	570 - 670			<u> </u>	20	1		80	1.030	2.5	20	1	1	20	. }	10.5				-			 			-	7.585	-	-
28 84		-	0.70							9				İ	_		_	6.9	2 13	.3	c		4	.39	5,19		まわり			205	6.4	5.5 //		140			-1	0.	1	5	¥ 0	1 07	7.5	54			17	0 01	10.4					-							1	
25 N			0.70			T	7			1		$oldsymbol{ o}$	26.5		1_	<u> </u>	-	7.9	3	4	5	1	2	. 30	<u>- 5.19</u>		780	7	e0 7		3,9	5,659	1	100			4.8	2.6		- 5	ûΩ	103	7.5	57		_ !	1.1		114	- ļ			 		+	3	+		199	6_162		-
	FIL		0 49	m1	-1		-	7				\perp		1	_	1		7.4	1 13	2			2	40	4.59	9-34g	850		89 T	24	6,9	5,3-4	1	-	1 4-1		-7		Τ						_!_	1	4					-	+	-		-}-	-		606 3	14 974	1575	n ! 14
		2.132	1.5.22	1	-	1								<u> </u>	_				-				ļ.—					<u> </u>			_		1		636	712	.41	36		32	3.5	35,17	22	N .	7.4 8		1997		195		2.83				10	<u></u>	.!!-			10.N75	1	on : 4
TOTAL	1	2.787	22.37	1 25 6	57 7	73	104	25.78	6.36	3	35	502	143	7.5	57	75	1554	23	e4	75	4	31	· }		154,29			I	. +-			0,030 0,030	22.13	170	202		7.5	34	,	1.0	65	1 40	3 80	s) .	20 2	: e	20	0.00		_4	5 53	T	-F	-7	-10	- Š	at at			5,265	1	(A) : 1
MAX			ุก กลน เ			-		308	151	6 1			<u>ڏ. ڇٽ</u>	1.5	7	179] [1751	7.5	0 15	2	_	ů,	-	읙	5,05		\$50	-	02		7.9	2,240	-	:V3	1015		22	it:		0.5		043	6 7.4	32/	1.7				97		24)				0	41				3,179	1	75 } .2.
MIN	- -Ĭ	4084	_		-	-		175	132	2	91	256	37.3	7.5		17.9 6	151	58	1 13		_		<u></u>	29	<u>.,</u> }}		53A)	,	;	7.93	2.6		1	7.19			أزو	L 4	-		Đ1	1 7,74	9 76	65	1,9]2	Щ.	6.0	0.03	23.2	3.0	5 53	0.15	0 37	31 0	101 0	101	195					
AVG		4 243	-	6 48				227	15		13	376	28.6	7.5	97	ree e	2.254	74	E 15	· R		6.0	<u> 11</u>	-11	5,14	51	734	} .!	15	7.25	5.5	4,909	13	657	1212				*																							

18 g 085 0.60 0.681 185 168 172 132 03 250	6,844 41 5,145 734 [45 7,25 5.5 4,898 7,39]	[11] [72] [31] [10] [11] [21] [150] [22] [13]	
: Sidowing Abbrevisiona N-tees, S-econy, (N-weening, C-econs, PC-parthy closed)			
Percent by SP, RHR CHI	Appeared by CH	Date (20/03/23)	



Tabulation Sheet for RAS Pump Replacement Project Bids

Bidding Contractor	Date & Time Opened	Project Item & Brand of Pump	Bid Price	Warranty
Dodge Const. Net.			No Bid	
Vandevanter Co.			No Bíd	
Municipal Equip.			No Bid	
Enviro-Line Co.	12/4/23 @ 1:00 pm	Remove & Replace RAS Pumps & Check valves on RAS 2, 3 & 4. Supply & Install new VFD pump controls, 3 - KS8 Sewabloc F 15-315G2 VF Pumps, & 3 - CCNE Model 8001 AWWA Swing Check Valve Outside Lever & Weight	\$196,250.00	5 Year
Zeller Technologies	12/4/23 @ 1:02 pm	Remove & Replace RAS Pumps & Check valves on RAS 2, 3 & 4. Supply & Install new VFD pump controls, 3 - KSB Sewabloc F 15-315G2 VF Pumps & 3 - CCNE Model 8001 AWWA Swing Check Valve Outside Lever & Weight	\$188,600.00	5 Year
JCI Industries	12/4/23 @ 1:04 pm	Remove & Replace RAS Pumps & Check valves on RAS 2, 3 & 4. Supply & Install new VFD pump controls, 4 - Keene K6VBDP Dry-Pit Solids-Handling Pumps & 3 - CCNE Model 8001 AWWA Swing Check Valve Outside Lever & Weight	\$188,500.00	5 Year