

**OSAGE BEACH / LAKE OZARK
JOINT SEWER BOARD MEETING AGENDA
March 21, 2017 @ 4:00 p.m.
LAKE OZARK CITY HALL**

1. CALL TO ORDER

2. ROLL CALL

Mayor, Lake Ozark, Johnnie Franzekos
Mayor, Osage Beach, John Olivarri
City Administrator, Osage Beach, Jeana Woods
City Administrator, Lake Ozark, Dave Van Dee
Alderman, Lake Ozark, Gerry Murawski
Alderman, Osage Beach, Ron Schmitt
Public Works Director, Osage Beach, Nick Edelman
Public Works Director, Lake Ozark, Matt Michalik
Resident Member, Mr. Gary Hamner

3. MINUTES

Regular Meeting; February 21, 2017

PAGE NUMBERS

3-4

4. REPORTS

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Income & Expense Summary	21
Check Registers & Bank Statements	23-26
Alliance Report of Operations	27-40
Approval of Flow Chart	

5. OLD BUSINESS: None

6. NEW BUSINESS:

A. Discussion and possible action on bids for a Replacement Mud Valve & Accessories.	41
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7. ADDITIONAL DISCUSSION ITEMS

8. ADJOURNMENT

THE NEXT MEETING WILL BE APRIL 18, 2017, 4:00 PM @ LAKE OZARK CITY HALL

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LAKE OZARK-OSAGE BEACH
JOINT SEWER BOARD
Meeting Minutes-February 21, 2017

CALL TO ORDER:

Mayor Johnnie Franzeskos called the meeting to order at 4:00pm on Tuesday, February 21, 2017 at Lake Ozark City Hall

ROLL CALL:

Mayor, City of Lake Ozark, Johnnie Franzeskos-Present
Mayor, Osage Beach, John Olivarri-Present
City Administrator, Osage Beach-Jenna Woods-Absent
City Administrator, City of Lake Ozark-Dave Van Dee-Present
Alderman, Osage Beach-Ron Schmitt-Present
Alderman, Lake Ozark-Gerry Murawski-Present
Public Works Director, Osage Beach, Nick Edelman-Present
Public Works Director, City of Lake Ozark-Matt Michalik-Present
Resident Member, Mr. Gary Hamner-Absent

MINUTES:

Alderman Murawski made a motion to approve the meeting minutes of January 17, 2017, seconded by City Administrator Van Dee. Motion passed unanimously.

REPORTS:

Public Works Director Michalik made a motion to approve the Bills List, seconded Public Works Director Edelman, motion passed unanimously.

Alliance Report of Operations for January reported the average daily incoming flow for January was .882 mgd. They had 2.5 inches of precipitation measured at the WWTP in January.

Operationally, the plant's discharge was excellent, with an effluent monthly average BOD of 2.4 mg/l and TSS of 2.3 mg/l respectively for January, which represents a 98.9+% or better removal.

The MLSS average for aeration basin #2 was 4,820 mg/l in January. The total dry weight sludge inventory for January totaled 255,986 pounds. There were 47 tanker loads or 173,000 gallons of biosolids land applied in January. They also received 15 tanker loads or 37,500 gallons of septage for the month of January

APPROVAL OF FLOW CHART

Motion was made by Alderman Murawski to approve the Flow Chart, seconded by Public Works Director Michalik, motion passed unanimously.

OLD BUSINESS:

None

NEW BUSINESS:

- A. Discussion and possible action on solicitation of bids for the purchase and installation of new tires for the sludge truck.

Gary Hutchcraft with Alliance reviewed the bids that were solicited from five vendors for the purchase and installation of new tires for the sludge truck and only received three back. McKnight Tire for \$4,841.16, Purcell Tire for \$4,728.66 and Clark Tire for \$4,673.50.

Motion was made by Alderman Murawski to accept the bid from Clark Tire for \$4,673.50, seconded by Mayor Olivarri, motion passed unanimously.

- B. Discussion and possible action on solicitation for bids on the repair of the #3 RAS pump.

Gary Hutchcraft with Alliance reviewed the bids that were solicited from five vendors for the repair of the #3 RAS pump and received four back. Alliance Pump for \$2,506.00, Evans Enterprises for \$1,780.00, Hupp Electric for \$1,630.00 and JCI Industries for \$1,620.00.

Motion was made by Alderman Murawski to accept the bid from JCI Industries for \$1,620.00, seconded by City Administrator Van Dee, motion passed unanimously.

ADDITIONAL DISCUSSION ITEMS:

Gary Johnson with Alliance Water Resources introduced Sandy Neal to the Board. Ms. Neal has been appointed as the new Alliance president.

ADJOURNMENT:

At 4:14pm Public Works Director Michalik made a motion to adjourn, seconded by Public Works Director Edelman, motioned passed unanimously.

Approved On:

Mayor, Johnnie Franzekos

City Clerk, Kimberly Baker

JOINT SEWER BOARD
BILL LIST
MARCH 21, 2017

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$ -
OPERATING FUND BILLS TO BE PAID:	
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$ 54,069.31
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$ -
TOTAL	\$ 54,069.31

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

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

OPERATING FUND BILLS TO BE PAID:

Account	Check	Paid To:	Description:	Amount:
4185	3578	Ameren MO	Feb. Service	\$ 2,754.29
4000	3577	Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.00
4170	3578	Alliance Water Resources, Inc.	Management Fee	\$ 25,935.82
4160	3579	Alliance Water Resources, Inc.	Hauled Waste	\$ 250.00
4150	3580	Clark's Tire Company	Six tires Sludge Truck	\$ 4,685.20
4140	3581	Naught Naught Insurance	4/10/17 to 4/10/18 Pro. & Lia.	\$ 16,977.00
				\$ -
				\$ -
TOTAL				\$ 54,069.31

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

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

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

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



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 1.877.426.3736
 PO Box 780352 St. Louis, MO 63179-0352 **ET**
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FOCUSED ENERGY. For life.

Account Number 458005832
Customer Name ALLIANCE WATER RESOURCES INC
Service Address 3 ANDERSON RD, -
 LAKE OZARK, MO 65049

AMOUNT DUE \$2,683.55

Due Date 03/31/2017

Current Detail for Statement 03/10/2017

Total Electric Charges \$2,683.55

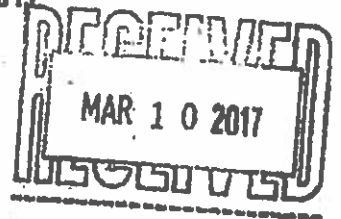
Amount After Due Date \$2,723.80

Total Amount Due \$2,683.55

Previous Statement \$2,818.89

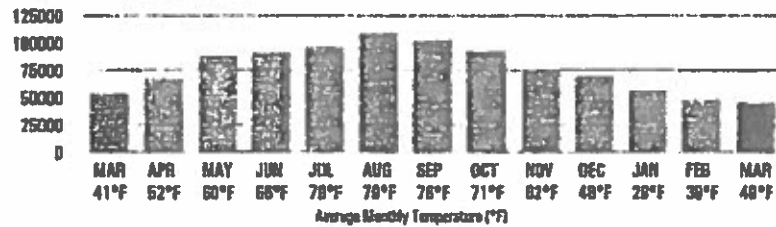
Total Payments \$2,818.89

Payment Received. Thank You.



Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year, you're using **15.5% less** than last year.



Usage from Jan-Mar for 2016 & 2017

13073 00132 21-06-04 000005 000489 00018002

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.



See next page for service details.

Keep this portion for your records.

Page 1 of 4



Check if you have address changes on back.

Please return this portion with your payment.

Amount Due	Due Date
\$2,683.55	March 31, 2017
Delinquent Amount After Due Date	Account Number
\$2,723.80	458005832

Amount Enclosed \$ _____

>000138 2248424 0002 092139 102

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

AMEREN MISSOURI
 PO BOX 88068
 CHICAGO IL 60680-1068

60600000 0045800058302 000002683550 000002683550



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Electric Service Details

Service from 02/07/2017 - 03/08/2017 (29 days)

Electric Meter Read

METER NUMBER	SERVICE FROM TO	M.O. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
11673321	02/07 - 03/08	29	Total kWh	Actual	38231.0000	38052.0000	279.0000	180.0000	44840.0000
11673321	02/07 - 03/08	29	Total kWh	Actual	38231.0000	38052.0000	279.0000	180.0000	44840.0000

Usage Summary

Total kWh	44840.0000	Peak kW	88.8000
Total Billing Demand	100.0000	October Winter Base kW	155.5000
Winter Base Demand	89.8000	Base kWh Ratio	1.0000
Base kWh (HUD)	44840.0000	Seasonal kWh (HUD)	0.0000

Rate 3M Large General Service

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Seasonal Energy Charge	0.00	kWh	@ \$ 0.03800000	\$0.00
Demand Charge	100.00	kW	@ \$ 1.79000000	\$179.00
Base Energy Charge / Hours Used	13,470.00	kWh	@ \$ 0.08510000	\$1147.67
Base Energy Charge / Hours Used	17,960.00	kWh	@ \$ 0.04830000	\$867.47
Base Energy Charge / Hours Used	13,210.00	kWh	@ \$ 0.03800000	\$501.98
Customer Charge				\$82.85
Fuel Adjustment Charge	44,840.00	kWh	@ \$ 0.00124000	\$55.60
Energy Efficiency Program Charge	44,840.00	kWh	@ \$ 0.00040000	\$17.94
Energy Efficiency Investment Charge	44,840.00	kWh	@ \$ 0.00206400	\$92.14
Total Service Amount				\$2,883.58
Total Electric Charges				\$2,883.55

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
February 27, 2017	\$2,818.89

Questions? Contact Ameren Missouri at 1.877.426.3738 or visit AmerenMissouri.com.

Page 2 of 4

Address Changes or Corrections

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

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PAYSTATION



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MAIL STUB & CHECK



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 * 1.877.428.3736
 * PO Box 790352 St. Louis, MO 63179-0352
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Account Number 558006920
 Customer Name ALLIANCE WATER RESOURCES INC
 Service Address 3 ANDERSON RD
 LAKE OZARK, MO 65049

AMOUNT DUE \$70.74

Due Date 03/31/2017

Current Detail for Statement 03/10/2017

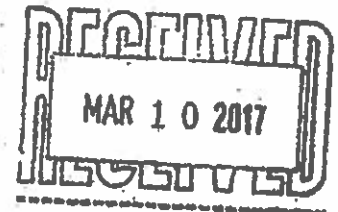
Total Electric Charges \$70.74
 Total Amount Due \$70.74

Amount After Due Date \$71.80

Previous Statement \$84.17

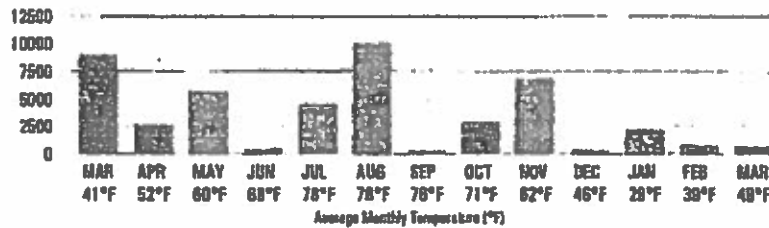
Total Payments \$84.17

Payment Received. Thank You.



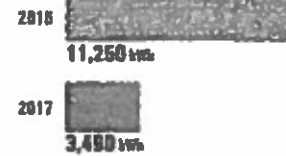
Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year, you're using 68% less than last year.



Usage from Jan-Mar for 2016 & 2017

00231 2248424 0002 092139 102
 1307

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.



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Amount Due	Due Date
\$70.74	March 31, 2017
Delinquent Amount After Due Date	Account Number
\$71.80	558006920

Amount Enclosed \$ _____

>000231 2248424 0002 092139 102

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

AMEREN MISSOURI
 PO BOX 88068
 CHICAGO IL 60680-1068

30633000 0055800059200 000000070740 000000070740



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FOCUSED ENERGY. For life.

Electric Service Details Service from 02/07/2017 - 03/08/2017 (29 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
88041276	02/07 - 03/08	28	Total kWh	Actual	14300.0000	14240.0000	60.0000	10.0000	600.0000
88041275	02/07 - 03/08	28	Peak kWh	Actual	5.2070	0.0000	5.2070	10.0000	62.6700

Usage Summary

Total kWh	800.0000	Winter Base kWh	2780.0000
Current Base kWh	600.0000	Seasonal kWh	0.0000

Rate 2M Sm Gas Svc - 3 Ph w/10md

Threshold - Peak Demand

DESCRIPTION	USAGE	UNT	RATE	CHARGE
Base Energy Charge	600.00	kWh	@ \$ 0.08060000	\$48.36
Seasonal Energy Charge	0.00	kWh	@ \$ 0.04650000	\$0.00
Customer Charge				\$20.43
Fuel Adjustment Charge	600.00	kWh	@ \$ 0.00124000	\$0.74
Energy Efficiency Program Charge	600.00	kWh	@ \$ 0.00020000	\$0.12
Energy Efficiency Investment Charge	600.00	kWh	@ \$ 0.00182000	\$1.08
Total Service Amount				\$70.74
Total Electric Charges				\$70.74

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
February 27, 2017	\$84.17

Questions? Contact Ameren Missouri at 1.877.426.3738 or visit AmerenMissouri.com.

Page 2 of 4

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 Address _____
 City, State, Zip _____
 Phone Number _____

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Alliance Water Resources, Inc.
Professional Water and Wastewater Operations
 206 South Keene Street
 Columbia, Missouri 65201
 (573) 874-8080 Fax (573) 443-0833

INVOICE

Invoice No: 7274

Invoice Date: 1-Mar-17

Customer No: 20220

Terms: 30 days

SOLD TO:

Lake Ozark/Osage Beach Joint Utility Board
 c/o Karri Bell
 City of Osage Beach
 1000 City Parkway
 Osage Beach, MO 65065

REFERENCE	DESCRIPTION	AMOUNT
	Wastewater Plant operating service for month of: Mar-17 Base Fee	\$25,935.82
TOTAL DUE		\$25,935.82

Alliance Water Resources, Inc.

Professional Water and Wastewater Operations

208 South Keene Street

Columbia, Missouri 65201

(573) 874-8080 Fax (573) 443-0833

INVOICE

Invoice No: 7271

Invoice Date: 28-Feb-17

Customer No: 20220

Terms: 30 days

SOLD TO:

Lake Ozark/Osage Beach Joint Utility Board

c/o Kerri Bell

City of Osage Beach

1000 City Parkway

Osage Beach, MO 65066

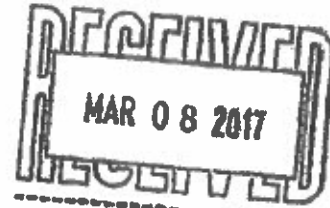
REFERENCE	DESCRIPTION	AMOUNT
	Hauled waste payments for the month of Feb-17 5 Hauled Waste Loads @ \$50.00 each	\$250.00
TOTAL DUE		\$250.00

Invoice #85927

Clark Tire Company - (SUNR)

13993 N. Hwy 5, Sunrise Beach, MO 65079
 Phone: 673-374-8854
 www.clarktireco.com

Family owned since 1949.



Customer Information	Invoice	Additional Information
JOINT SEWER BOARD PO BOX 1985 LAKE OZARK, MO 65049	Date: 2/23/2017 Reference: 85927	PO Number: Work Order#: W-3840055
Acct Number:	Salesperson:	Comment: Comment:
P: 673-216-8398 Contact:	Route: Delivery Date: 2/22/2017	Entered By: Christina Hutchison

Qty	Description	Unit Price	Ext. Price
2.00	756160365, 425/65225, GOODYEAR G286 MSA L (20 Ply), GOODYEAR	616.64	1,233.28
4.00	756514422, 425/65225, GOODYEAR 278MSA L (20 Ply), GOODYEAR	794.13	3,176.52
6.00	MOUNT TIRES	30.00	180.00
6.00	BALANCE BAGS	9.95	59.70
6.00	VALVE STEMS	3.95	23.70

MO Taxable (7.975%) SUNR

Subtotal: 4,673.20

Tire Disposal - Sunrise: 12.00

Total: \$4,685.20

Balance \$4,685.20

Terms: NET 30 Days

Terms:	Due Date	Due Amount	Amt Remain
	3/25/2017	\$4,685.20	\$4,685.20

Account Balance	Current	0-29 Days	30-59 Days	60-89 Days	90+ Days
\$4,685.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

"Thank you for your business."

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

W-3840055
 3/07/2017 3:58 PM Page: 1 Entered By: Christina Hutchison

Signature _____



Naught-Naught Ins/Osage Beach
 P O Box 187
 Osage Beach, MO 65065
 Phone: 573-348-2794

Lake Ozark-Osage Beach Joint
 Sewer Treatment Plant
 1000 City Parkway
 Osage Beach, MO 65065

INVOICE NO. 202821		Page 1
ACCOUNT NO.	OP.	DATE
LAKE-33	T5	03/03/2017
Commercial Package		
POLICY#	LICENSE#	
UPP 0007040		
COMPANY		
Cincinnati Insurance Company		
PRODUCER		
Steve Naught		
EFFECTIVE	EXPIRATION	BALANCE DUE ON
04/10/2017	04/10/2018	

Item #	Due Date	Trn	Type	Description	Amount
9C8GDB	04/10/17	MEM	PCKG	17/18 Package/Auto Renewal	\$16,977.00
Invoice Balance:					\$16,977.00

Premium same as
Last Year

Attached to POLICY

NUMBER UPP 000 70 60/WPA 000 70 60

4-10-17 to
4-10-18

SUMMARY OF PREMIUMS CHARGED

THIS POLICY CONSISTS OF THE FOLLOWING COVERAGE
PARTS FOR WHICH A PREMIUM CHARGE IS INDICATED

Commercial Property Coverage Part	\$	<u>10,096</u>
Commercial General Liability Coverage Part	\$	<u>2,327</u>
Commercial Umbrella / Excess Liability Coverage Part	\$	<u>1,619</u>
_____	\$	_____
_____	\$	_____
_____	\$	_____
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_____	\$	_____
_____	\$	_____
Installation Charge	\$	_____
Sub-Total	\$	<u>16,042</u>
Commercial Auto Coverage Part	\$	<u>2,826</u>
Auto Installation Charge	\$	<u>INCL</u>
Terrorism Coverage	\$	<u>109</u>
Annual Total	\$	<u>16,977</u>

PAYMENTS

All Other		+	Auto		=	Total Installment	
First installment	Remaining installment		First installment	Remaining installment		First installment	Remaining installment
\$ _____	\$ _____	+	\$ _____	\$ _____	=	\$ _____	\$ _____

Automobile Coverages, Employers Liability, Employment Practices Liability Coverage, Professional Liability Coverage, Terrorism Coverage and / or Wrongful Acts Coverage, if included in the policy, are subject to Annual Adjustment of rates and premium on each anniversary of the policy.

Commercial Umbrella and Excess Liability, if included in the policy, may be subject to Annual Adjustment of premium on each anniversary. Refer to the Commercial Umbrella or Excess Liability Coverage Part Declarations form to see if this is applicable.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED

IA 102 09 08

THE CINCINNATI INSURANCE COMPANY

P.O. BOX 145498, CINCINNATI, OHIO 45250-5498
513-970-2000

A STOCK INSURANCE COMPANY

AUTOMOBILE / GARAGE RENEWAL CERTIFICATE

ATTACH THIS CERTIFICATE TO YOUR POLICY

POLICY NUMBER UPA 000 70 40	RENEWAL DATE 04-10-2017	EXPIRATION DATE 04-10-2018
NAMED INSURED LAKE OZARK-GSAGE BEACH JOINT SEWER TREATMENT PLANT 1000 CITY PKWY GSAGE BEACH MO 65065-3058		
AGENCY NAUGHT-NAUGHT INSURANCE AGENCY 24-016 JEFFERSON CITY MO		
IN RETURN FOR THE PAYMENT OF THE PREMIUM, AND SUBJECT TO ALL THE TERMS OF THIS POLICY UNLESS OTHERWISE SPECIFIED, THE ABOVE NUMBERED POLICY IS RENEWED FOR THE TERM SHOWN ABOVE.		
COVERAGE PROVIDED		
AUTOMOBILE - SEE SCHEDULE	PREMIUM \$ REFER TO IA102	
FORMS APPLICABLE AT RENEWAL IA102 09/08 AAB01 03/06		

RML PT7
02-13-2017

Countersigned

3-3-17

(Date)

By

Patricia Hayes

(Authorized Representative)

ORIGINAL

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

Account Number	Account Name	2/28/2017		2017 Budget	2017 Actual as of 2/28/2017	2017 February Revenue	Percent YTD
		2015 Actual	2016 Actual				
3020	Osage Beach	477,172.03	475,802.57	473,000.00	79,180.56	39,202.21	17%
3010	Lake Ozark	72,827.98	74,197.42	77,000.00	12,486.10	6,631.12	16%
3100	Interest	54.79	368.52	200.00	96.00	42.54	48%
3060	Waste Haulers' Fee	32,400.00	33,460.00	35,000.00	2,000.00	500.00	6%
Total Operating Fund		582,454.80	583,828.51	585,200.00	93,762.66	46,375.87	16%
E/R Fund Income		2,188.83	2,847.67	1,500.00	111.97	52.89	7%
TOTAL INCOME		584,643.63	586,676.18	586,700.00	93,874.63	46,428.76	16%

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**MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
2/28/2017**

Account Number	Account Name	2015 Actual	2016 Actual	2017 Budget	2017 Actual as of 2/28/2017	2017 February Expenses	Percent YTD
4000	Equipment Replace Fund	41,606.04	41,606.04	41,604.00	6,934.17	3,467.00	17%
4010	ERF Repayment	0.00	0.00	0.00	0.00	0.00	0%
4020	*Maintenance & Repair	33,878.90	18,735.50	28,000.00	107,945.95	0.00	386%
4140	Insurance	16,306.00	16,977.00	17,500.00	0.00	0.00	0%
4150	***Vehicle Repair/Maint	1,508.78	951.93	8,000.00	363.62	117.18	5%
4160	Haulers Fees to Contractor	8,000.00	8,000.00	8,000.00	750.00	750.00	9%
4170	Contract Management	296,233.08	303,638.88	312,750.00	51,871.64	25,935.82	17%
4185	Electric	76,751.19	72,637.17	77,000.00	6,227.67	2,904.06	8%
4190	Bank Charges	0.00	14.85	0.00	0.00	0.00	0%
4200	Audit	2,000.00	2,158.50	2,200.00	0.00	0.00	0%
4220	Professional Service	2,389.99	9,193.09	0.00	0.00	0.00	0%
4240	Capital Purchases	0.00	0.00	150,000.00	0.00	0.00	0%
	Totals	478,653.98	473,912.96	645,054.00	174,093.05	33,174.06	27%
	**E/R Expenses	1,869.72	7,980.42	26,500.00	0.00	0.00	0%
	TOTAL EXPENSES	480,523.70	481,893.38	671,554.00	174,093.05	33,174.06	26%
	<u>**Equipment & Replacement</u>						
	Normal E/R	10,000.00					
	Replace impellers for RAS pumps	7,500.00					500.00
	Rebuild Arm Support Clarifier #2	5,000.00					1,500.00
	Replace doors	4,000.00					8,000.00
		<u>26,500.00</u>					8,000.00
	<u>***Vehicle Repair/Maint</u>						
	Vehicle Maintenance	3,000.00					2,000.00
	Tires for Sludge Truck	5,000.00					1,000.00
		<u>8,000.00</u>					<u>7,000.00</u>
							<u>28,000.00</u>

2016 Budget
#1 Aeration Basin grit removal 107,249.88 X

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**OPERATING FUND INCOME AND EXPENSE SUMMARY
2/28/2017**

Beginning Balance	185,584.63
Income - Osage Beach	39,282.36
Income - Lake Ozark	6,550.97
Income - Other	-
Income - Waste Haulers' Fees	500.00
Interest - Checking	42.54
Income - CD Interest	-
Transfers From E/R Fund	-
Transfers to E/R fund	(3,467.00)
Expenses	(29,707.06)
 Ending Fund Balance	 208,786.44
Central Bank - NOW Acct.	58,393.96
First Bank of the Lake - Money Mkt.	100,304.26
CD St. Elizabeth, 3/17 #400886	50,088.22
Outstanding Checks:	-
Deposit in Transit:	-
	208,786.44

**EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
2/28/2017**

Beginning Balance	490,783.77
Interest - Checking	52.89
Income - CD Interest	-
Transfers From E/R Fund	3,467.00
Transfers to E/R Fund	-
Income - Miscellaneous	-
Expenses	-
 Ending Fund Balance	 494,303.66
First Bank of the Lake - Money Mkt.	141,049.91
CD Providence Bank, 10/17 #1268880	201,566.60
CD First Bank of the Lake, 01/18 #101318429	101,598.93
CD St. Elizabeth, 3/17 #485431	50,088.22
Deposit in Transit	-
Outstanding Checks:	-
	494,303.66

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Operating Fund
CHECK REGISTER - JOINT SEWER BOARD OPERATION FUND

	reconciled balance 9/30/16						
3551	Ameren MO	X	5,459.98		-		98,365.02
3552	Equipment Replacement Fund	X	3,467.17				92,905.04
3553	Alliance Water Resources, Inc.	X	25,303.24				89,437.87
3554	Alliance Water Resources, Inc.	X	327.00				64,134.63
3555	Roemer's Heavy Equip & Truck	X	1,355.27				63,807.63
	St Of Missouri Vendor Pay	X	-		40.00		62,452.36
	Deposit LO	X	-		6,244.96		62,492.36
	Deposit OB	X	-		39,588.37		68,737.32
	Deposit	X			3,020.00		108,325.69
	Interest	X			3.55		111,345.69
	reconciled balance 10/31/16						111,349.24
3556	Ameren MO	X	4,737.16		-		111,349.24
3557	Equipment Replacement Fund	X	3,467.17				106,612.08
3558	Alliance Water Resources, Inc.	X	25,303.24				103,144.91
3559	Alliance Water Resources, Inc.	X	530.20				77,841.67
3560	Lake Sun Leader	X	236.25				77,311.47
	Deposit LO	X	-		5,947.10		77,075.22
	Deposit OB	X	-		39,886.23		83,022.32
	Deposit	X			1,100.00		122,908.55
	Interest	X			3.97		124,008.55
	reconciled balance 11/30/16						124,012.52
3561	Ameren MO	X	3,902.63		-		124,012.52
3562	Equipment Replacement Fund	X	3,467.17				120,109.89
3563	Alliance Water Resources, Inc.	X	25,303.24				116,642.72
3564	Alliance Water Resources, Inc.	X	550.33				91,339.48
	Deposit LO	X	-		5,596.60		90,789.15
	Deposit OB	X	-		40,236.73		96,385.75
	Deposit	X			2,180.00		136,622.48
	Interest	X			4.59		138,802.48
	reconciled balance 12/31/16						138,807.07
3565	Ameren MO	X	3,323.61		-		138,807.07
3566	Equipment Replacement Fund	X	3,467.17				135,483.46
3567	Alliance Water Resources, Inc.	X	25,935.82				132,016.29
3568	VOID	X	-				106,080.47
3569	Hunt Vac Services	X	107,249.88				106,080.47
3570	Alliance Water Resources, Inc.	X	942.51				(1,169.41)
	Deposit LO	X	-		5,854.98		(2,111.92)
	Deposit OB	X	-		39,978.35		3,743.06
	Deposit	X			1,500.00		43,721.41
	Interest	X			9.30		45,221.41
	reconciled balance 1/31/17						45,230.71
3571	Ameren MO	X	2,904.06		-		45,230.71
3572	Equipment Replacement Fund	X	3,467.00				42,326.65
3573	Alliance Water Resources, Inc.	X	25,935.82				38,859.65
3574	Alliance Water Resources, Inc.	X	750.00				12,923.83
3575	Alliance Water Resources, Inc.	X	117.18				12,173.83
	Deposit LO	X	-		6,631.12		12,056.65
	Deposit OB	X	-		39,202.21		18,687.77
	Deposit	X			500.00		57,889.98
	Interest	X			3.98		58,389.98
	reconciled balance 2/28/17						58,393.96
							58,393.96

EN



RETURN SERVICE REQUESTED

LAKE OZARK OSAGE BEACH JOINT SEWER
TREATMENT PLANT BOARD
1000 CITY PKWY
OSAGE BEACH MO 65065-3058

Period 02/01/2017 - 02/28/2017 Page 1 of 2
Web Address www.centralbank.net

M
0001

Your Financial Summary on February 28, 2017

	<u>Bank Deposits</u>	<u>Totals</u>
Bank Deposit Accounts:		
Checking	\$ 58,393.96	
Bank Deposit Total		\$ 58,393.96
Total Assets:	\$ 58,393.96	\$ 58,393.96

Detailed Explanation of Account Balances and Other Assets

Basic Plus Interest Checking

No. 000007297	Beginning Balance January 31, 2017		\$	45,230.71	
Deposits					
Feb. 21	Deposit			8,631.12	
Feb. 21	Deposit			39,202.21	
Feb. 22	Deposit			500.00	
Feb. 28	Interest Earned			3.98	
Total			+\$	46,337.31	
Checks					
<u>Check No.</u>	<u>Date Paid</u>	<u>Amount</u>	<u>Check No.</u>	<u>Date Paid</u>	<u>Amount</u>
3571	Feb. 28	2,904.08	3574	Feb. 23	750.00
3572	Feb. 23	3,467.00	3575	Feb. 23	117.18
3573	Feb. 23	25,935.82			
Total			-\$	33,174.08	
Ending Balance February 28, 2017			\$	58,393.96	

Number of days since last statement/interest cycle **28**
 Beginning and ending dates for calculation of statement/interest cycle are **02/01/2017 through 02/28/2017**
 Average collected balance **51,842.00**
 Interest rate **0.10%**
 Annual percentage yield earned **0.10%**

End of Bank Deposits

JSB - CHECK REGISTERS 2017

CHECK REGISTER - JOINT SEWER BOARD EQUIPMENT REPLACEMENT FUND

				reconciled balance 9/30/16			
				Interest	X		-
				Deposit	X		97.43
1017				Progress Environmental	X	5,000.00	3,467.17
				reconciled balance 10/31/16			
				Interest	X		-
				Deposit	X		93.95
				reconciled balance 11/30/16			3,467.17
				Interest	X		-
				Deposit	X		95.27
				reconciled balance 12/31/16			3,467.17
				Interest	X		-
				Deposit	X		103.24
				reconciled balance 1/31/17			3,467.17
				Interest	X		-
							91.45
							228,537.15
							228,634.58
							232,101.75
							227,101.75
							227,101.75
							227,195.70
							230,662.87
							230,662.87
							230,758.14
							234,225.31
							234,225.31
							234,328.55
							237,795.72
							237,795.72
							237,887.17



4558 Osage Beach Pkwy, Suite 100
Osage Beach, MO 65065
(573) 348-2265

536 00010 01
ACCOUNT:
DOCUMENTS:

PAGE: 1
02/28/2017

1

00068 2555726 10Z ATM 608.20 1 5

LAKE OZARK-OSAGE BEACH JOINT SEWER TREAT
SEWER BD.-TREATMENT PLANT BD.
1000 CITY PKWY
OSAGE BEACH MO 65065-3058



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BUSINESS MONEY MARKET ACCOUNT (BUSINESS MONEY MARKET)

LAST STATEMENT 01/31/17 237,795.72
2 CREDITS 3,568.45
DEBITS .00
THIS STATEMENT 02/28/17 241,354.17

DEPOSITS
REF #.....DATE.....AMOUNT REF #.....DATE.....AMOUNT REF #.....DATE.....AMOUNT
02/22 3,467.00

OTHER CREDITS
DESCRIPTION DATE AMOUNT
INTEREST 02/28 91.45

INTEREST
AVERAGE LEDGER BALANCE: 238,662.47 INTEREST EARNED: 91.45
AVERAGE AVAILABLE BALANCE: 238,414.82 DAYS IN PERIOD: 28
INTEREST PAID THIS PERIOD: 91.45 ANNUAL PERCENTAGE YIELD EARNED: .50%
INTEREST PAID 2017: 194.69
INTEREST PAID 2016: 882.84

*** CONTINUED ***



NOTICE: SEE REVERSE SIDE FOR IMPORTANT INFORMATION



**OPERATING
DIVISIONS**

MISSOURI:

Atchison County
Bonne Terre
Boonville
Bowling Green
Buchanan County #1
Cameron
Cape Girardeau
Carroll County #1
Clay County
Craig
East Central Missouri
Water & Sewer
Authority
Elsberry
Fayette
Franklin County #1
Franklin County #3
Henry County
Water Company
Henry County #3
Kimberling City
Lake Ozark/
Osage Beach
Lincoln County #1
Neosho
Nevada
Parkville
Phelps County #2
Platte County #C-1
Proctor & Gamble
Ralls County #1
Russellville
Sedalia
St Charles County #2
St Genevieve
Versailles

IOWA:

Maquoketa
Tipton

KENTUCKY:

South Fulton



REPORT OF OPERATIONS

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

Month of February 2017

Submitted by Alliance Water Resources, Inc. for the

March 2017

Joint Sewer Board Meeting

SUMMARY OF FACILITY OPERATION

The Lake Ozark/Osage Beach Joint WWTP produced superior effluent quality throughout the month and was in full compliance with effluent limitations established in NPDES Permit No.MO-0103241. No leaks, no spills, and no unauthorized releases to waters of the state. No work related lost time accidents have occurred during the month.

Detailed information relating to plant performance and operations is presented as follows.

PLANT EFFLUENT QUALITY

	BOD mg/l	TSS mg/l	pH	E.coli Colonies/100 ml	Coliform	Ammonia as N mg/L	O&G mg/L	Metals Selenium ug/L
Monthly Average	3.3	2.6	NA			0.27	8.6	< 1.0
Peak Day	3.9	3.5	8.0			0.66	8.6	< 1.0
Percent Removal	98.5	99.0	NA	NA		NA	NA	NA

NPDES EFFLUENT LIMITATIONS

	BOD mg/l	TSS mg/l	pH	E.coli Colonies/100 ml	Coliform	Ammonia as N mg/L	O&G mg/L	Metals Selenium ug/ L
Monthly Average	30	30	6-9	126		2.7	10	4.0
Weekly Average	45	45		630				
Daily Max						10.6	15	8.1

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 0.970 MGD or 32% of Permitted flow with Lake Ozark contributing 14% of the total flow and Osage Beach contributing 86%. 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 51526 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 68 tanker loads of bio-solids during the month equivalent to a total of 251,600 gallons and 86,649 pounds dry weight solids.

113,497 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 640,625 gallons with a level of 5.5 feet in Tank 1 and 7.0 feet in Tank 2.

WASTEHAULERS

The plant received 5 loads of septage during the month totaling 12,500 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.
- Oxidation ditch #1 is not in service yet, due to having to replace one of the mud valves.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Antero Maintenance Data Management schedule. (New version of Operator 10 Software)
- We ordered the new sludge truck tires from Clark Tire on the 22nd of February and they came in and were here to install them on the 23rd, the very next day.
- We started checking out the mud valves in oxidation ditch #1 the last week in February and found that one of the four mud valves is in need of replacement. The other three can be repaired, sandblasted, painted and put back in service. We also have a mud valve in the dry pit by the UV channel that needs a new stem and stem guides.

SAFETY

- We conducted our monthly routine Safety Meeting on Bloodborne Pathogens on the 9th of February.

REGULATORY AGENCY, INSPECTION AND REPORTS

- We filled out the EDMR on MDNR's website on the 6th of March.

MISCELLANEOUS AND RECOMMENDATIONS

- We have solicited bids for a replacement mud valve & accessories for oxidation ditch #1 and for the UV channel dry pit valve. We would like to use the same welder/fabricator/machinist (G & L Welding) to install and repair as we did on the last oxidation ditch project, due to his experience with them. He did a really good job last time at a very reasonable price.

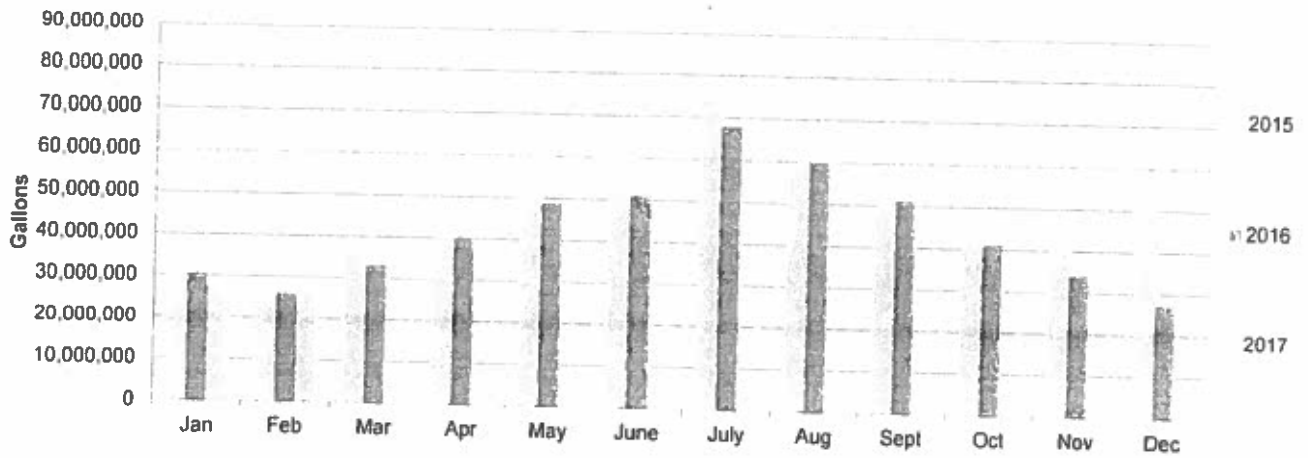
TABLE B
JOINT SEWER BOARD
Monthly Flows

<u>2015</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	0.9	26,319,000	87%	4,085,000	13%	30,404,000	100%
February	1.4	21,892,000	86%	3,465,000	14%	25,357,000	100%
March	4.5	32,996,000	87%	4,920,000	13%	37,916,000	100%
April	4.0	37,220,000	86%	5,945,000	14%	43,165,000	100%
May	7.2	44,456,000	86%	7,209,000	14%	51,665,000	100%
June	7.1	54,745,000	86%	8,769,000	14%	63,514,000	100%
July	9.7	66,474,000	86%	10,871,000	14%	77,345,000	100%
August	3.5	51,695,000	88%	7,327,000	12%	59,022,000	100%
September	3.1	43,144,000	87%	6,531,000	13%	49,675,000	100%
October	1.8	36,230,000	87%	5,216,000	13%	41,446,000	100%
November	10.8	37,047,000	86%	6,247,000	14%	43,294,000	100%
December	11.7	44,392,000	84%	8,603,000	16%	52,995,000	100%
	65.7	496,610,000	87%	79,188,000	13%	575,798,000	100%

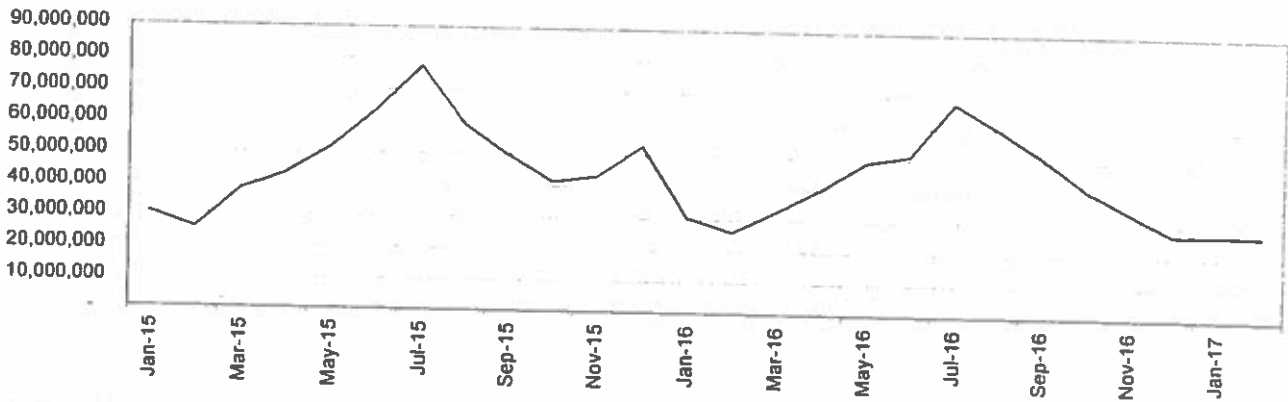
<u>2016</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	0.8	26,604,000	87%	4,001,000	13%	30,605,000	100%
February	0.8	22,444,000	86%	3,661,000	14%	26,105,000	100%
March	3.1	28,785,000	87%	4,251,000	13%	33,036,000	100%
April	5.3	35,053,000	87%	5,231,000	13%	40,284,000	100%
May	7.0	42,126,000	86%	6,704,000	14%	48,830,000	100%
June	1.2	44,599,000	87%	6,545,000	13%	51,144,000	100%
July	8.7	59,190,000	87%	8,793,000	13%	67,983,000	100%
August	7.7	51,798,000	86%	8,171,000	14%	59,969,000	100%
September	6.0	44,634,000	87%	6,655,000	13%	51,289,000	100%
October	0.5	36,156,000	88%	5,029,000	12%	41,185,000	100%
November	1.2	29,750,000	87%	4,357,000	13%	34,107,000	100%
December	0.8	23,139,000	86%	3,914,000	14%	27,053,000	100%
	45.4	467,718,000	87%	71,221,000	13%	538,939,000	100%

<u>2017</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	2.5	23,440,000	86%	3,909,000	14%	27,349,000	100%
February	0.7	23,345,000	86%	3,812,000	14%	27,157,000	100%
March							
April							
May							
June							
July							
August							
September							
October							
November							
December							
	3.2	46,785,000	86%	7,721,000	14%	54,506,000	100%

Monthly Influent Flow
Figure 3A

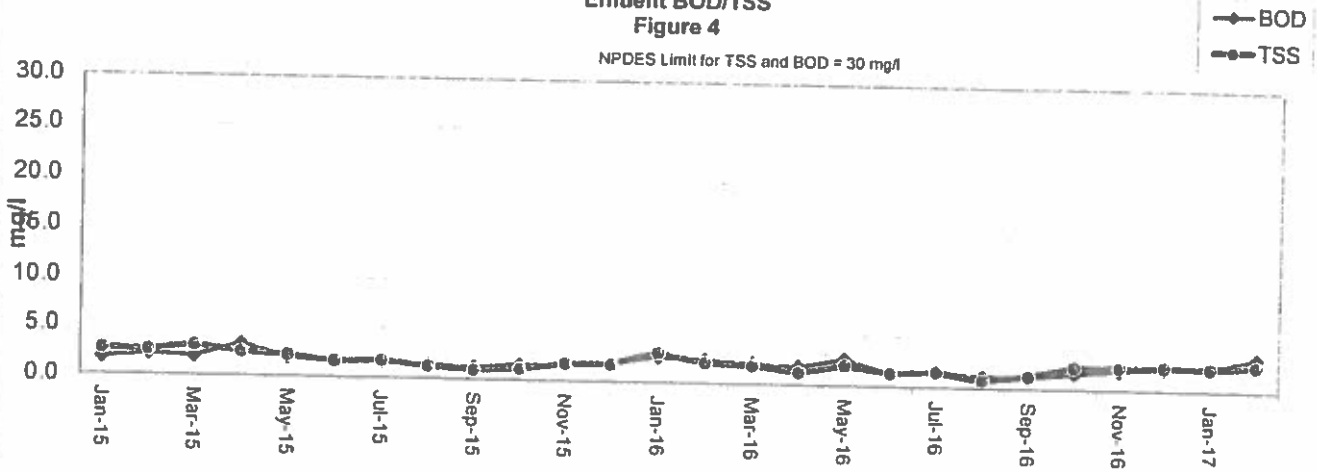


Monthly Influent Flow
Figure 3B



Effluent BOD/TSS
Figure 4

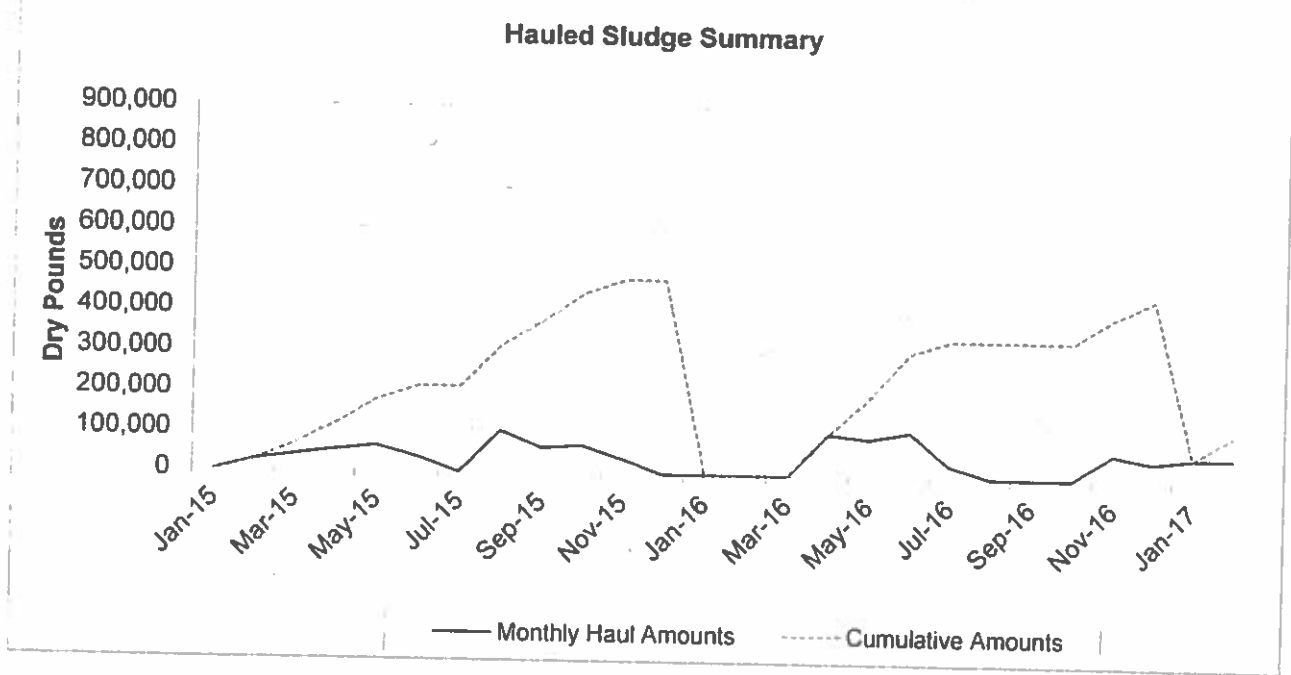
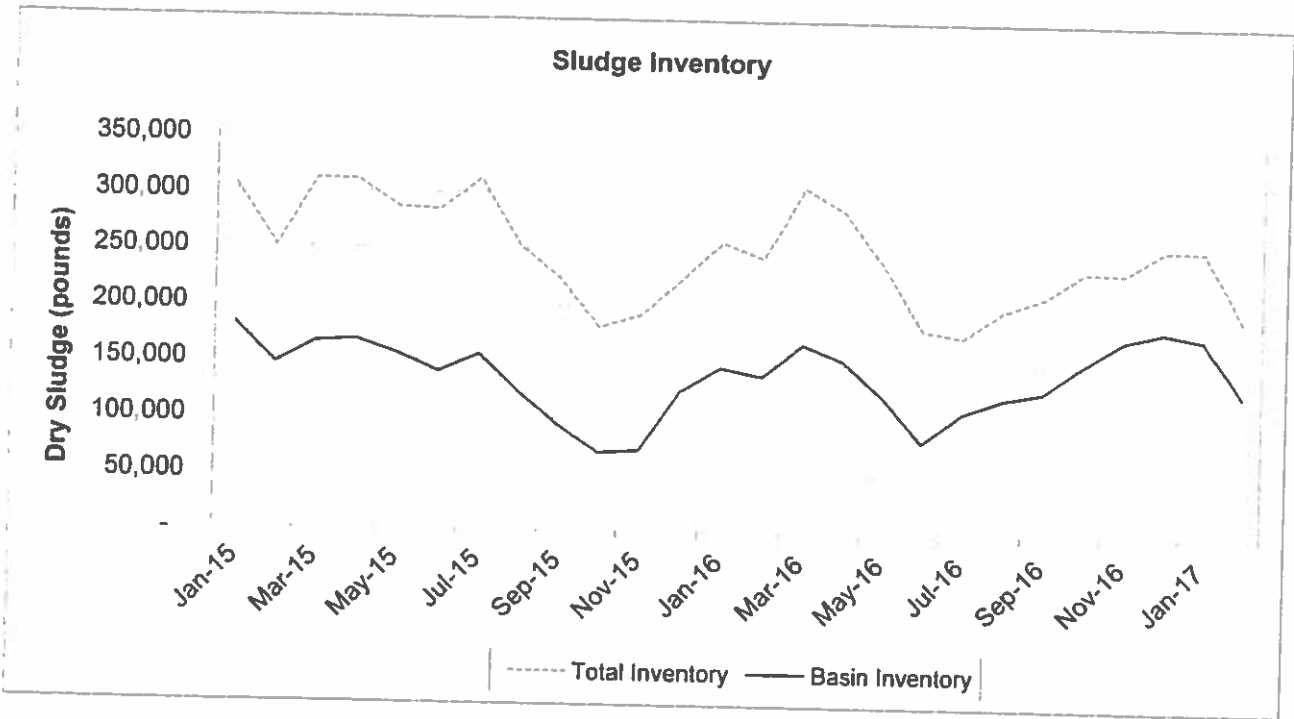
NPDES Limit for TSS and BOD = 30 mg/l



Loads	Gallons	Hauled Sludge # Dry	% Solids	Annual Cumulative # Dry	Accepted Septage Loads	Gallons
Jan-15	0	0	0	0	22	55,000
Feb-15	20	24,069	3.9%	24,069	21	52,500
Mar-15	34	38,603	3.7%	62,672	11	27,500
Apr-15	44	50,607	3.7%	113,279	23	57,500
May-15	55	61,284	3.6%	174,563	26	65,000
Jun-15	35	129,500	3.2%	209,587	37	92,500
Jul-15	0	0	0	209,587	42	104,000
Aug-15	107	395,900	3.1%	311,943	44	110,000
Sep-15	55	203,500	3.6%	372,363	32	80,000
Oct-15	59	218,300	3.7%	440,312	22	55,000
Nov-15	30	111,000	3.9%	476,046	19	47,500
Dec-15	0	0	0	476,046	21	52,500
Jan-16	0	0	0	0	22	55,000
Feb-16	0	0	0	0	6	15,000
Mar-16	0	0	0	0	44	110,000
Apr-16	86	318,200	3.9%	103,652	8	15,000
May-16	77	284,900	3.9%	194,837	40	100,000
Jun-16	99	366,300	3.7%	306,543	30	75,000
Jul-16	28	103,600	3.4%	335,951	46	111,000
Aug-16	0	0	0	335,951	43	96,000
Sep-16	0	0	0	335,951	42	94,500
Oct-16	0	0	0	398,408	35	75,000
Nov-16	52	182,400	3.9%	443,645	11	20,000
Dec-16	36	133,200	4.1%	56,748	28	54,500
Jan-17	47	173,000	3.9%	56,748	15	37,500
Feb-17	68	251,600	4.1%	143,397	5	12,500

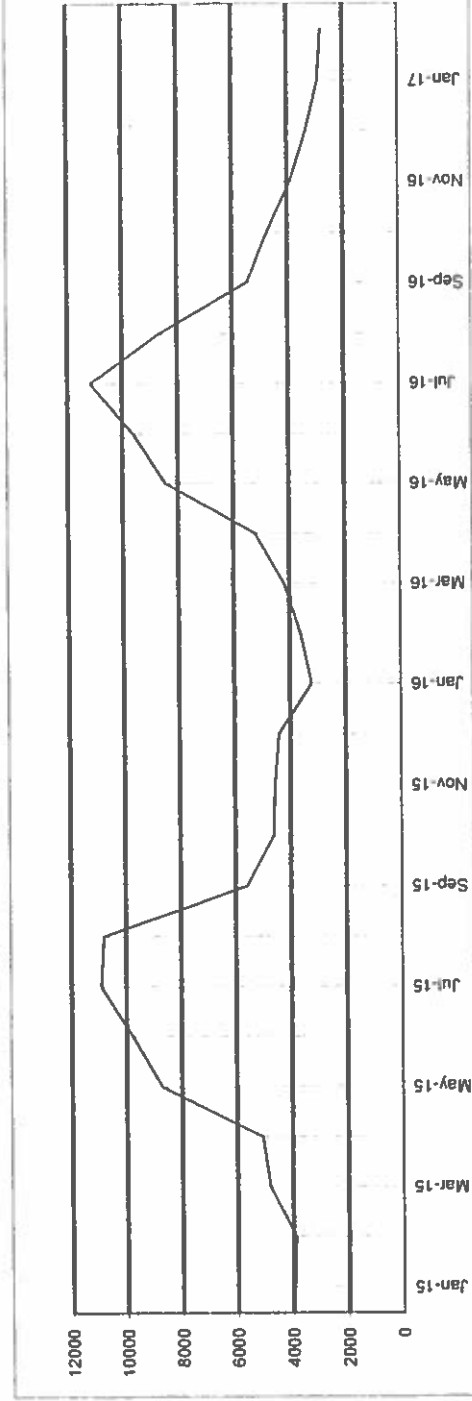
Basin Depths		Blanket Depths		MLSS Inventory		Blanket Land MLSS Inventory		MLSS		Total Dry	
Tank #1	Tank #2	AB #1	AB #2	Clar #1	Clar #2	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	Sludge Inventory
5.5	5.5	0.0	4.95	0.0	181,645	3,900	4,160	3,671,048	123,385	0.00403	305,030
6.0	4.0	0.0	450,000	1.0	146,366	3,580	3,280	3,635,524	104,150	0.00344	250,516
5.5	6.5	0.0	540,000	1.0	165,704	5,040	4,250	3,740,142	144,890	0.00465	310,595
6.0	6.0	0.0	540,000	2.5	187,861	5,180	4,000	3,723,357	142,532	0.00459	310,393
5.5	6.0	0.0	517,500	1.5	155,845	4,030	4,110	3,935,879	130,204	0.00407	286,049
8.0	3.5	0.0	517,500	2.0	139,961	4,630	4,590	3,783,570	144,837	0.00459	284,798
6.5	6.5	0.0	585,000	1.0	156,125	5,470	4,680	3,696,714	156,157	0.00507	312,282
6.5	4.0	0.0	472,500	0.5	122,160	4,170	4,400	3,648,357	130,533	0.00429	252,693
6.5	1.5	0.0	315,000	1.0	93,525	4,480	3,570	3,678,952	130,400	0.00425	223,925
4.0	1.0	0.0	225,000	1.0	70,034	3,310	3,920	3,678,952	110,917	0.00362	180,952
3.0	2.0	0.0	225,000	1.0	72,434	4,460	4,430	3,714,476	99,000	0.0032	223,412
4.5	4.0	0.0	382,500	2.0	124,412	3,760	3,610	3,617,762	111,184	0.00369	257,551
5.0	5.0	0.0	450,000	0.5	146,367	3,210	3,730	3,635,524	105,211	0.00347	244,760
6.0	3.5	0.0	427,500	1.0	139,049	4,670	4,320	3,714,476	139,249	0.00445	307,571
6.0	5.5	0.0	517,500	2.0	168,322	5,540	3,180	3,732,238	132,600	0.00426	286,515
5.5	5.0	0.0	472,500	2.5	153,914	3,770	3,670	3,750,000	118,343	0.00372	238,766
5.5	3.0	0.0	382,500	1.0	122,423	2,570	3,840	3,709,547	99,155	0.00321	181,494
6.0	6.0	0.0	270,000	1.5	82,339	1,740	2,830	3,678,952	67,041	0.00219	175,618
4.5	4.0	0.0	382,500	1.0	108,577	2,880	2,220	3,678,952	78,240	0.00255	199,462
6.0	3.5	0.0	427,500	1.0	121,222	2,800	2,690	3,678,952	84,223	0.00275	211,825
5.0	5.0	0.0	450,000	1.0	127,602	1,740	3,600	3,678,952	81,922	0.00267	235,045
6.5	5.5	0.0	540,000	1.0	153,122	-	3,770	1,682,904	59,202	0.00377	234,487
6.5	5.5	0.0	540,000	1.0	183,393	-	4,700	1,861,190	72,955	0.0047	256,348
7.5	4.5	0.0	540,000	1.0	177,132	-	5,080	1,861,190	78,653	0.00508	255,986
6.0	6.0	0.0	540,000	1.0	177,132	-	4,080	1,913,499	65,271	0.00409	258,991
5.5	7.0	0.0	582,500	1.5	183,720	-	-	-	-	-	-

Loads	Gallons	Hauled Sludge # Dry	% Solids	Annual Cumulative # Dry
Jan-15	0	0	0	0
Feb-15	74,000	24,069	3.9%	24,069
Mar-15	125,800	38,603	3.7%	62,672
Apr-15	162,800	50,607	3.7%	113,279
May-15	203,500	61,284	3.6%	174,563
Jun-15	129,500	35,024	3.2%	209,587
Jul-15	0	0	0	209,587
Aug-15	395,900	102,356	3.1%	311,943
Sep-15	203,500	60,420	3.6%	372,363
Oct-15	218,300	67,949	3.7%	440,312
Nov-15	111,000	35,734	3.9%	476,046
Dec-15	0	0	0	476,046
Jan-16	0	0	0	0
Feb-16	0	0	0	0
Mar-16	0	0	0	0
Apr-16	318,200	103,652	3.9%	103,652
May-16	284,900	91,185	3.9%	194,837
Jun-16	366,300	111,708	3.7%	306,543
Jul-16	103,600	29,408	3.4%	335,951
Aug-16	0	0	0	335,951
Sep-16	0	0	0	335,951
Oct-16	0	0	0	398,408
Nov-16	182,400	62,457	3.9%	443,645
Dec-16	133,200	45,237	4.1%	56,748
Jan-17	173,000	56,748	3.9%	56,748
Feb-17	251,600	86,649	4.1%	143,397

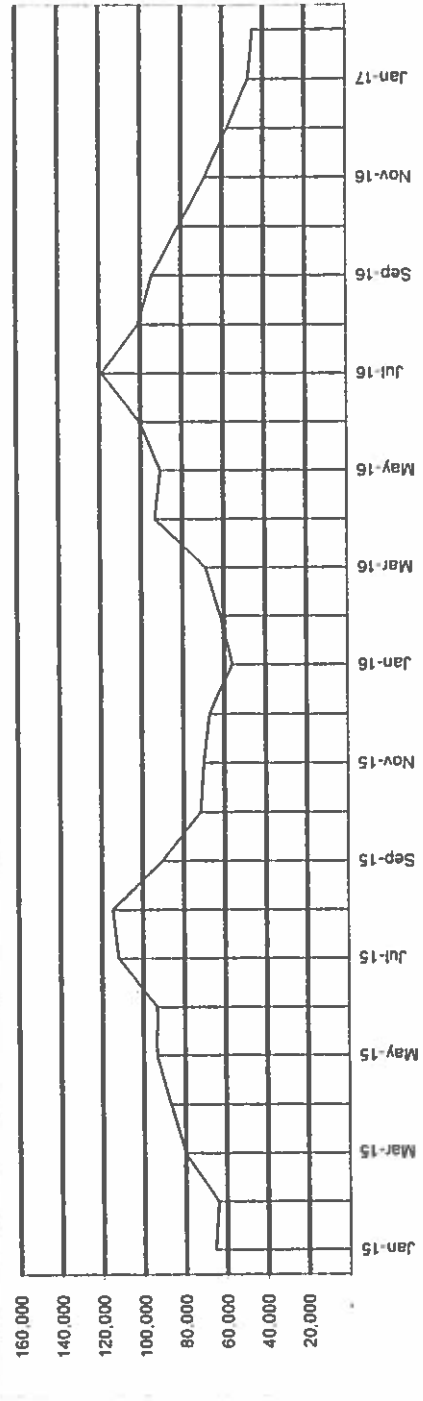


Electric Cost

	Electric Cost	Kilowatts Used
Jan-15	3947	65,860
Feb-15	3901	64,300
Mar-15	4821	80,190
Apr-15	5084	87,050
May-15	8707	93,810
Jun-15	9772	93,490
Jul-15	10912	112,040
Aug-15	10807	114,770
Sep-15	5585	90,520
Oct-15	4620	71,940
Nov-15	4556	70,170
Dec-15	4413	67,300
Jan-16	3223	56,290
Feb-16	3613	61,740
Mar-16	4195	69,020
Apr-16	5235	93,310
May-16	8446	90,640
Jun-16	9618	100,670
Jul-16	11166	119,020
Aug-16	8627	101,260
Sep-16	5460	94,280
Oct-16	4737	81,500
Nov-16	3903	68,360
Dec-16	3324	57,810
Jan-17	2904	47,480
Feb-17	2796	45,240



Kilowatts Used





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

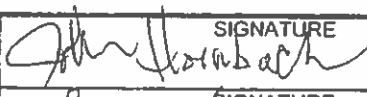
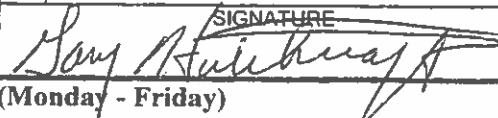
NAME OF FACILITY					LOCATION ADDRESS & CITY							COUNTY/REGION		
Lake of the Ozarks Regional WWTP #1					#3 Anderson Road							Miller/SWRO		
MONTH/YEAR		PERMIT NUMBER			OUTFALL NUMBER	TYPE TREATMENT FACILITY								
Feb-16		MO-0103241			#001	Oxidation Ditch/UV/Sludge Holding-sludge is land applied								
INFLUENT					EFFLUENT								% Removal	
DATE	pH UNITS	BOD mg/L	TSS mg/L	TEMP °C	FLOW MGD	pH UNITS	BOD mg/L	TSS mg/L	Ammonia as N mg/l	DO mg/L	E. coli COLFRM #/100 ML	TEMP °C	BOD mg/L	TSS mg/L
1	7.4			12.0	1.370	7.9				6.9		11.0		
2	7.5			10.7	1.341	7.9			0.09	6.5		9.9		
3	7.4	227	224	12.7	1.387	7.9	3.4	3.5		6.3		10.0	98.5	98.4
4	7.4			13.0	1.385	7.9				6.4		9.6		
5	7.4			12.1	1.458	7.8				6.9		9.3		
6	7.4			13.2	1.345	7.9				6.5		10.8		
7	7.4			12.9	1.382	7.8				6.8		11.6		
8	7.4			11.7	1.416	7.9				7.0		11.2		
9	7.4			10.5	1.410	7.9			0.10	7.2		9.8		
10	7.6	220	238	11.8	1.422	7.9	3.5	2.5		6.5		10.2	98.4	98.9
11	7.4			12.6	1.374	7.9				6.5		11.3		
12	7.4			12.8	1.484	7.9				6.4		11.9		
13	7.3			12.4	1.428	7.9				6.5		11.3		
14	7.4			12.5	1.351	7.8				6.9		11.5		
15	7.4			12.1	1.297	7.9				6.5		11.2		
16	7.5			12.1	1.305	7.9			0.23	6.7		10.9		
17	7.4	228	238	12.7	1.373	7.9	3.9	2.8		6.7		11.9	98.3	98.8
18	7.3			14.5	1.423	7.9				6.2		12.8		
19	7.4			14.0	1.619	7.9				6.2		13.2		
20	7.4			14.6	1.467	7.9				5.9		14.5		
21	7.4			14.5	1.429	7.9				5.5		15.0		
22	7.5			14.7	1.225	7.9				5.4		15.0		
23	7.2			15.1	1.357	7.9			0.66	6.0		15.3		
24	7.5	235	298	14.4	1.388	8.0	2.4	1.5		5.0		15.2	99.0	99.5
25	7.4			13.5	1.414	7.9				6.5		13.2		
26	7.4			13.4	1.471	7.9				6.8		12.0		
27	7.5			12.8	1.422	7.9				6.8		12.1		
28	7.3			14.7	1.361	7.9				5.7		13.9		
Total					39.104									
Avg		228	250	13.0	1.397		3.3	2.6	0.27	6.4	0.0	12.0	98.5	98.9
Min	7.2	220	224	10.5	1.225	7.8	2.4	1.5	0.09	5.0	0.0	9.3	98.3	98.4
Max	7.6	235	298	15.1	1.619	8.0	3.9	3.5	0.66	7.2	0.0	15.3	99.0	99.5

MONTHLY EFFLUENT MONITORING		QUARTERLY EFFLUENT MONITORING	
DATE	Oil & Grease mg/L	Selenium μg/L	Zinc μg/L
1			
2			
3			
4			
5			
6			
7			
8	< 5.0		38.0
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
Total			
Avg	< 5.0	0.00	38.0
Min	< 5.0	0.00	38.0
Max	< 5.0	0.00	38.0

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				* Ambient Temp ° F	*RAIN Inches	Time
		* DO mg/l	** MLSS mg/l	*Settleability		* DO mg/l	** MLSS mg/l	*Settleability				
				*30 min ml	Temp ° C			*30 min ml	Temp ° C			
1	7,591	0.0	-	0	0	1.8	5,020	650	11	42	0	7:30
2	5,061	0.0	-	0	0	1.4	5,160	770	9.7	29	0	7:30
3		0.0	-	0	0	2.0	4,560	700	9.9	27	0	7:30
4		0.0	-	0	0	1.8	4,470	660	9.6	27	0	7:30
5		0.0	-	0	0	2.9	4,650	580	10.2	31	0	7:30
6		0.0	-	0	0	2.0	4,950	680	11	44	0	7:30
7	6,172	0.0	-	0	0	1.4	4,460	560	12.3	55	0.4	7:30
8	5,709	0.0	-	0	0	1.4	5,390	720	11.2	37	0	7:30
9	2,530	0.0	-	0	0	1.6	5,450	750	9.4	23	0	7:30
10	7,406	0.0	-	0	0	1.5	5,420	760	10.2	38	0	7:30
11		0.0	-	0	0	1.6	5,010	700	11.6	48	0	7:30
12		0.0	-	0	0	2.0	4,950	650	12.4	46	0	7:30
13		0.0	-	0	0	1.9	4,610	620	12.4	32	0	7:30
14	4,166	0.0	-	0	0	1.4	5,400	770	11.4	41	0	7:30
15	10,152	0.0	-	0	0	1.4	5,000	670	11.1	35	0	7:30
16	8,887	0.0	-	0	0	1.6	5,030	740	10.6	31	0	7:30
17	9,720	0.0	-	0	0	1.5	5,190	700	12.1	43	0	7:30
18		0.0	-	0	0	1.5	4,800	650	13.4	49	0	7:30
19		0.0	-	0	0	1.6	4,140	670	13.5	43	0	7:30
20		0.0	-	0	0	1.4	3,280	400	15.1	47	0	7:30
21		0.0	-	0	0	1.5	2,760	240	15.5	59	0.25	7:30
22		0.0	-	0	0	1.3	4,300	410	15.3	59	0	7:30
23	4,814	0.0	-	0	0	1.5	4,300	480	15.4	53	0	7:30
24	8,424	0.0	-	0	0	1.1	4,370	500	15	50	0	7:30
25		0.0	-	0	0	1.7	4,100	410	12.5	28	0	7:30
26		0.0	-	0	0	1.9	4,050	500	11.7	34	0	7:30
27		0.0	-	0	0	1.4	4,280	470	12	34	0	7:30
28	6,017	0.0	-	0	0	1.3	4,090	450	14.2	63	0	7:30

COMMENTS:

TESTS PERFORMED BY (PRINT) John Hornback	SIGNATURE 	PHONE # (573)365-0455	DATE 3/6/2017
REPORT APPROVED BY (PRINT) Gary Hutchcraft	SIGNATURE 	PHONE # (573)365-0455	DATE 3/6/2017

*Required Daily (Monday - Friday)

**Required 1/week

State of Missouri
 Department of Natural Resources
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

Dep. of Natural Resources
 (REGIONAL OFFICE)
 Southwest Regional Office
 2040 W. Woodland
 Springfield, MO 65807-9912
 4178914310
 4178914399 (fax)

PERMITTEE NAME/ADDRESS

NAME Lake of the Ozarks Regional WWTP 1
 ADDRESS #3 Anderson Road
 LAKE OZARK, MO 65049

MO0103241		001 A	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	YEAR
2017	02	04	2017
FROM		TO	

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING THIS FORM

Parameter	REPORTED	MASS		Unit	CONCENTRATION		Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
		REQUIREMENT	REQUIREMENT		Weekly Average	Monthly Average				
BOD 5-day 20 deg. C (00300)	REPORTED	*****	*****	Mgal/d	3.9	3.3	mg/L	Weekly	24 Hour Composite	
Stage Type: End of Pipe	REQUIREMENT	*****	*****		Weekly Average	45		Monthly Average	30	
Flow in conduit or thru treatment plant (00500)	REPORTED	1.619	1.397	Mgal/d	*****	*****		Daily	Record	
Stage Type: End of Pipe	REQUIREMENT	Daily Maximum Monitoring Required	Monthly Average Monitoring Required		*****	*****		*****	Daily	
Nitrogen ammonia total (as N) (00610)	REPORTED	*****	*****	mg/L	0.66	0.27	mg/L	Weekly	Grab	
Stage Type: End of Pipe	REQUIREMENT	*****	*****		Daily Maximum	10		Monthly Average	2.7	
Oil and grease (sashlet test) (00550)	REPORTED	*****	*****	mg/L	<5.0	<5.0	mg/L	Monthly	Grab	
Stage Type: End of Pipe	REQUIREMENT	*****	*****		Daily Maximum	15		Monthly Average	10	
pH (00400)	REPORTED	*****	*****	SU	7.8	8.0	SU	Weekly	Grab	
Stage Type: End of Pipe	REQUIREMENT	*****	*****		Minimum	6		Maximum	9	
Temperature water deg. centigrade (00010)	REPORTED	*****	*****	deg C	15.3	12.0	deg C	Weekly	Grab	
Stage Type: End of Pipe	REQUIREMENT	*****	*****		Daily Maximum Monitoring Required			Monthly Average Monitoring Required		
Total Suspended Solids (TSS) (00500)	REPORTED	*****	*****	mg/L	3.5	2.6	mg/L	Weekly	24 Hour Composite	
Stage Type: End of Pipe	REQUIREMENT	*****	*****		Weekly Average	45		Monthly Average	30	

GENERAL PERMIT REQUIREMENTS OR COMMENTS
 OR ALL SPECIFIC COMMENTS
 PARALLEL TO SPECIFIC CONDITIONS

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 analyze the information submitted, that the information submitted is true and complete, and that I am a responsible official of the permittee, who understands the obligations of 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.

OPERATOR IN RESPONSIBLE CHARGE		7305
Gar Hutchcraft		CERTIFICATE NUMBER
TYPED OR PRINTED NAME		573-365-0455
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE
Gar F Hutchcraft		2017-01-06 15:41:16
TYPED OR PRINTED NAME		Date
Gar F Hutchcraft		
SIGNATURE		

State of Missouri
Department of Natural Resources
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Dep. of Natural Resources
(REGIONAL OFFICE)
Southwest Regional Office
2140 W. Woodland
Springfield, MO 65807-5912
4178914300
4178914399 (fax)

PERMITTEE NAME/ADDRESS

NAME Lake of the Ozarks Regional WWTP I
ADDRESS #3 Anderson Road
LAKE OZARK, MO 65049

MO0102241	001 B				
PERMIT NUMBER	DISCHARGE NUMBER				
MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2017	01	01	2017	03	31

FROM

NOTE: RE ADVERTISE AND GENERAL INSTRUCTIONS
BEFORE COMPLETING THIS FORM

Parameter		MASS	Unit	CONCENTRATION			Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
Selenium (Se), total recoverable (010911)	REPORTD	*****		<1.0	*****	<1.0	ug/L	Quarterly	Grab	
	REQRMNT	*****		Daily Maximum	8.1	Monthly Average		4.0	Quarterly	Grab
Stage Type End of Pipe	REPORTD	*****		38.0	*****	38.0	ug/L	Quarterly	Grab	
	REQRMNT	*****		Daily Maximum Monitoring Required		Monthly Average Monitoring Required			Quarterly	Grab

GENERAL PERMITS FOR DISCHARGE OF POLLUTANTS
OR OTHER SPECIFIC CUMULATIVE
PARAMETER SPECIFIC CUMULATIVE

I certify under penalty of law that this document and all attachments were prepared under my direct supervision and in accordance with a system designed to assure that qualified personnel properly gather and analyze the information submitted. I am a state that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

OPERATOR IN RESPONSIBLE CHARGE		7305
Gan Hutchcraft TYPED OR PRINTED NAME		CERTIFICATE NUMBER
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE
Gan F Hutchcraft TYPED OR PRINTED NAME	Gan F Hutchcraft SIGNATURE	573-365-0455
		2017-03-06 15:38:00
		Date

Page 1



Bids for a Replacement Mud Valve & Accessories (Stainless vs Iron)

Bidder	Budget	Price each	Purchase Amount
HD Supply, Columbia	\$8,000.00	Penn-Troy Manufacturing 10" SS Valve, Flange, Stem & Guides	\$3,970.05 + Freight
		Penn-Troy Manufacturing 10" Iron Valve, Flange, Stem & Guides	\$1,647.12 + Freight
		Iron Stem & Stem guides for UV	\$532.53 + Freight
		Total for SS & Iron UV Parts	\$4,502.58 + Freight
		Total for all Iron Parts	\$2,179.65 + Freight
HD Supply, Osage Beach	"	Trumbull Industries 10" SS Valve, Flange, Stem & Guides	\$3,617.25 + Freight
		Trumbull Industries 10" Iron Valve, Flange, Stem & Guides	\$1,505.87 + Freight
		Iron Stem & Stem guides for UV	\$497.50 + Freight
		Total for SS & Iron UV Parts	\$4,114.75 + Freight
		Total for all Iron Parts	\$2,003.37 + Freight

If we went with stainless on the ditch stem it would add \$300.00 to total of the all iron cost

Prices do not include installation.