

**OSAGE BEACH / LAKE OZARK
JOINT SEWER BOARD MEETING AGENDA
November 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, Richard Ross
Public Works Director, Osage Beach, Nick Edelman
Public Works Director, Lake Ozark, Matt Michalik
Resident Member, Mr. Gary Hamner

3. MINUTES

Regular Meeting; October 17, 2017

PAGE NUMBERS

3-5

PUBLIC COMMENT

This time is set aside on the Agenda for citizens and visitors to address the Joint Sewer Commission on any topic that is not a Public Hearing. The Joint Sewer Commission welcomes input and feedback from the public. Speakers will be restricted to three minutes for non-agenda items; five minutes for agenda items unless otherwise permitted. Minutes may not be donated or transferred from one speaker to another.

4. REPORTS

Bill List	7-22
Revenue Budget Analysis	23
Expenditure Budget Analysis	25
Income & Expense Summary	27
Check Registers & Bank Statements	29-32
 Alliance Report of Operations	 33-49
Approval of Flow Chart	

5. OLD BUSINESS: None

6. NEW BUSINESS:

A. Discussion and possible action on approval of the 2018 budget. 51-54

B. Authorization to pay bills in December, due to "No December Meeting".

7. ADDITIONAL DISCUSSION ITEMS

8. ADJOURNMENT

THE NEXT MEETING WILL BE JANUARY 16, 2018, 4:00 PM @ LAKE OZARK
CITY HALL

LAKE OZARK-OSAGE BEACH
JOINT SEWER BOARD
Meeting Minutes-October 17, 2017

CALL TO ORDER:

Mayor Johnnie Franzeskos called the meeting to order at 4:00pm on Tuesday, October 17, 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-Jeana Woods-Absent
City Administrator, City of Lake Ozark-Dave Van Dee-Present
Alderman, Osage Beach-Richard Ross-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:

Public Works Director Edelman made a motion to approve the meeting minutes of September 19, 2017, seconded by City Administrator Woods. Motion passed unanimously.

REPORTS:

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

The Revenue Budget, Expenditure Budget Analysis, Income & Expense Summary and Check Registers and Bank Statements were reviewed. Motion was made by Mayor Olivarri to acknowledge the review of the documents. Seconded by Alderman Murawski. Motion passed unanimously.

Alliance Report of Operations: The average daily incoming flow for September was 1.799mgd. We had 1.5 inches of precipitation measured at the WWTP in September.

Operationally, the plant's discharge was excellent, with an effluent monthly average BOD of 1.0 mg/l and TSS of 1.0 mg/l respectively for September, which represents a 99.4+% or better removal.

The MLSS average for both aeration basins was 3,705 mg/l in September. The total dry weight sludge inventory for September totaled 234,892 pounds. There were 16 tanker loads or 59,200 gallons of biosolids land applied in September. We also received 41 tanker loads or 103,500 gallons of septage for the month of September.

APPROVAL OF FLOW CHART

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

OLD BUSINESS:

A. Discussion and update in regards to securing a backup generator. Gary Hutchcraft updated the commission regarding the status of the generator. In talks with SEMA they had nothing to offer and suggested speaking with USDA. A recommendation was made by Public Works Director Michalik to proceed with estimates and financing options for a lease/purchase, including maintenance costs with extras and report to City Administrators Van Dee and Woods for further evaluation.

NEW BUSINESS:

A. Discussion and possible action on bids for spare UV parts, Air Cylinders, Sleeves and Miscellaneous parts/brushes.

Three bids were solicited for some budgeted spare parts for the UV system and purchased. The recommendation on the wiper holders is UV Doctor with the lowest bid. Motion was made by Public Works Director Michalik and seconded by Public Works Director Edelman. Motion passed unanimously.

B. Discussion and possible action on bids for replacement fiberglass doors.

Alderman Murawski made a motion to proceed with the bid from Scott's Handyman, seconded by Alderman Ross. Motion passed unanimously.

C. Discussion and possible action on bids for refurbishing Pipe Gallery in RAS basement & valve pits. Motion was made by Alderman Murawski to accept the bid from Scott's Handyman, seconded by Alderman Ross. Motion passed unanimously.

Discussion was presented regarding the purchase of electrical panels for RAS basement. Alliance was waiting to receive a cost estimate. It is a budgeted item and under the dollar amount required for bids.

D. Discussion and review of Missouri DNR inspection.

The commission was in agreement that the inspection had been reviewed.

E. Discussion and review of budget worksheets.

The commission reviewed the budget worksheets and a motion was made by Mayor Olivarri to move the truck purchase from Tier 3 to Tier 1. Seconded by Public Works Director Michalik. Roll Call was taken; "Ayes" Mayor Franzekos, Mayor Olivarri, City Administrator Woods, City Administrator Van Dee, Alderman Murawski, Public Works Director Edelman, Public Works Director Michalik, "Nays" Alderman Ross. Motion passed.

ADJOURNMENT:

At 4:35pm City Administrator made a motion to adjourn, seconded by Alderman Murawski, motioned passed unanimously.

Approved On:

Mayor, Johnnie Franzekos

City Clerk, Kimberly Baker

Page left intentionally blank

JOINT SEWER BOARD
BILL LIST
NOVEMBER 21, 2017

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$ -
OPERATING FUND BILLS TO BE PAID:	\$ 37,505.12
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$ -
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$ -
TOTAL	\$ 37,505.12

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	3824	Ameren MO	Oct. Service	\$ 4,874.43
4000	3825	Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.00
4170	3826	Alliance Water Resources, Inc.	Management Fee	\$ 25,935.82
4020	3827	Alliance Water Resources, Inc.	Sensor, Chlorine, Inspect, TUA	\$ 372.75
4150	3827	Alliance Water Resources, Inc.	Oil, Vacuum pump, Seat, Coolant sys.	\$ 655.39
4020	3828	UV Doctor Lamps, LLC	Wiper rings	\$ 2,199.73
				\$ -
				\$ -
			TOTAL	\$ 37,505.12

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	\$ -



AmerenMissouri.com
1.877.426.3736
PO Box 88068 Chicago, IL 60680-1068
Ameren payment processing center

FOCUSED ENERGY. For life.

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

AMOUNT DUE \$154.57

Due Date 11/29/2017

Current Detail for Statement 11/06/2017

Total Electric Charges \$154.57

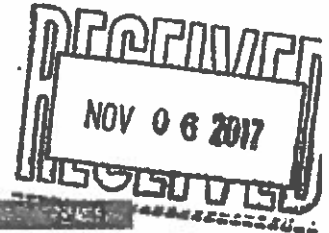
Amount After Due Date \$156.89

Total Amount Due \$154.57

Previous Statement \$44.48

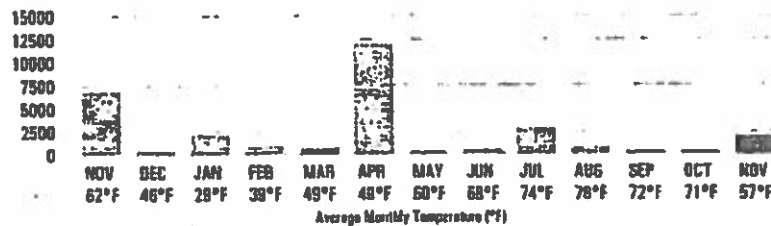
Total Payments \$44.48

Payment Received. Thank You.



Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year, you're using 49.7% less than last year.

2016 44,310 kWh

2017 22,300 kWh

Usage from Jan Nov for 2016 & 2017

13073
00097 228232 000154 000307 00010002

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

Please return this portion with your payment.



☐ Check if you have address changes on back.

Amount Due	Due Date
\$154.57	November 29, 2017
Delinquent Amount After Due Date	Account Number
\$156.89	5580005920

Amount Enclosed \$

>000097 228232 0002 092139 102

ALLIANCE WATER RESOURCES INC
PO BOX 1885
LAKE OZARK, MO 65049-1885

AMEREN MISSOURI
PO BOX 88068
CHICAGO IL 60680-1068

30633000 0055800059200 000000154570 000000154570



AmerenMissouri.com
 1.877.426.3736
 PO Box 88068 Chicago, IL 60680-1068
 Ameren payment processing center

FOCUSED ENERGY. For life.

Electric Service Details Service from 10/04/2017 - 11/02/2017 (29 days)

Electric Meter Read

METER NUMBER	SERVICE FROM TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
98041276	10/04 - 11/02	29	Total kWh	Actual	16180.0000	15894.0000	186.0000	10.0000	1860.0000
98041276	10/04 - 11/02	29	Peak kW	Actual	4.7570	0.0000	4.7570	10.0000	47.5700

Usage Summary

Total kWh	1960.0000	Winter Base kWh	1000.0000
Current Base kWh	1000.0000	Seasonal kWh	960.0000

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

Threshold - Peak Demand

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Base Energy Charge	1,000.00	kWh	@ \$ 0.08360000	\$83.60
Seasonal Energy Charge	960.00	kWh	@ \$ 0.04820000	\$46.27
Customer Charge				\$21.43
Fuel Adjustment Charge	1,960.00	kWh	@ \$-0.00026000	-\$0.51
Energy Efficiency Program Charge	1,960.00	kWh	@ \$ 0.00010000	\$0.20
Energy Efficiency Investment Charge	1,960.00	kWh	@ \$ 0.00182800	\$3.58
Total Service Amount				\$154.57
Total Electric Charges				\$154.57

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
October 23, 2017	\$44.46

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

Page 2 of 4

Address Changes or Corrections

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

AmerenMissouri.com/WaysToPay



ONLINE
E-CHECK



PHONE
866.268.3729



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



ONLINE
CREDIT CARD



MAIL
STUB & CHECK



AmerenMissouri.com
1.877.426.3736
PO Box 88068 Chicago, IL 60689-1068
Ameren payment processing center

FOCUSED ENERGY. For life.

Account Number 4580005832
Customer Name ALLIANCE WATER RESOURCES INC
Service Address 3 ANDERSON RD, -
LAKE OZARK, MO 65048

AMOUNT DUE \$4,719.86

Due Date 11/29/2017

Total Electric Charges \$4,719.86

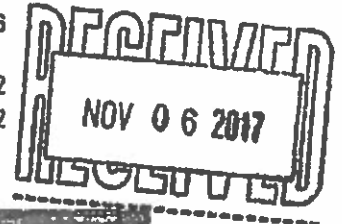
Amount After Due Date \$4,790.66

Total Amount Due \$4,719.86

Previous Statement \$5,201.82

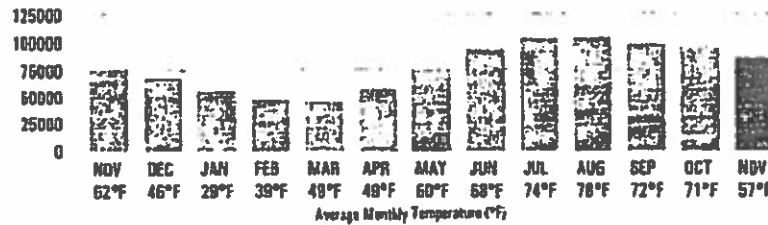
Total Payments \$5,201.82

Payment Received. Thank You.



Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year, you're using 3.6% less than last year.

2016 890,720 kWh

2017 858,560 kWh

Usage from Jan-Nov for 2016 & 2017

13073 00182226232 000344 000007 000 10002

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 November 29, 2017

\$4,719.86

November 29, 2017

Delinquent Amount After Due Date Account Number

\$4,790.66

4580005832

Amount Enclosed \$

>000192 2288232 0002 092139 302

ALLIANCE WATER RESOURCES INC
PO BOX 1985
LAKE OZARK, MO 65048-1985

AMEREN MISSOURI
PO BOX 88068
CHICAGO IL 60689-1068

00600000 0045800058302 000004719860 000004719860



■ AmerenMissouri.com
 ■ 1.877.426.3736
 ■ PO Box 88068 Chicago, IL 60680-1068
 Ameren payment processing center

FOCUSED ENERGY. For life.

Electric Service Details Service from 10/04/2017 - 11/02/2017 (29 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
11673321	10/04 - 11/02	29	Total kWh	Actual	43678.0000	43145.0000	533.0000	100.0000	85280.0000
11673321	10/04 - 11/02	29	Peak kW	Actual	0.9930	0.0000	0.9930	100.0000	158.8860

Usage Summary

Total kWh	85280.0000	Peak kW	158.9000
Total Billing Demand	158.9000	October Winter Base kW	131.2000
Winter Base Demand	131.2000	Base kWh Ratio	0.8256
Base kWh (HUD)	70407.0000	Seasonal kWh (HUD)	14873.0000

Rate 3M Large General Service

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Seasonal Energy Charge	14,873.00	kWh	@ \$ 0.03890000	\$578.58
Demand Charge	158.90	kW	@ \$ 2.00000000	\$317.80
Base Energy Charge / Hours Used	19,680.00	kWh	@ \$ 0.08650000	\$1,708.72
Base Energy Charge / Hours Used	26,240.00	kWh	@ \$ 0.04840000	\$1,269.26
Base Energy Charge / Hours Used	24,487.00	kWh	@ \$ 0.03880000	\$952.54
Customer Charge				\$95.07
Fuel Adjustment Charge	85,280.00	kWh	@ \$ 0.00026000	\$22.17
Energy Efficiency Program Charge	85,280.00	kWh	@ \$ 0.00020000	\$17.06
Energy Efficiency Investment Charge	85,280.00	kWh	@ \$ 0.00200100	\$175.02
Total Service Amount				\$4,718.86
Total Electric Charges				\$4,718.86

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
October 23, 2017	\$5,201.82

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

Page 2 of 4

Address Changes or Corrections

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

AmerenMissouri.com/WaysToPay

ONLINE E-CHECK

PHONE
 866.268.3729

MAIL
 STUB & CHECK

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

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: 7581

Invoice Date: 1-Nov-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: Nov-17 Base Fee	\$25,935.82
TOTAL DUE		\$25,935.82

Alliance Water Resources, Inc.
Professional Water and Wastewater Operations
 205 South Keene Street
 Columbia, Missouri 65201
 (673) 674-8080 Fax (673) 443-0833

SOLD TO:

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

INVOICE

Invoice No: 7582
 Invoice Date: 1-Nov-17
 Customer No: 20220
 Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Xylem Water Solutions - Invoice #3556980998 - 50%	\$84.08
	Core & Main - Invoice #H932270 - 50%	\$105.00
	Accurate Superior Scale - Invoice #0001810-IN - 50%	\$79.60
	O'reilly - Invoice # 4046-111961 - 50%	\$58.10
	Roemer's Heavy Equipment & Truck Repair - Invoice # 19168 - 50%	\$339.47
	Roemer's Heavy Equipment & Truck Repair - Invoice # 19185 - 50%	\$159.93
	Roemer's Heavy Equipment & Truck Repair - Invoice # 19171 - 50%	\$99.89
	Controlled Heating & Cooling - Invoice # 7751 - 50%	\$104.07
TOTAL DUE		\$1,028.14

Xylem Water Solutions U.S.A., Inc.

14125 SOUTH BRIDGE CIRCLE
CHARLOTTE, NC 28273
Tel.(704)409-9700 Fax:(704)716-7610



26717 Network Place
Chicago, IL 60673-1267

INVOICE				YOUR PURCHASE ORDER GARY101717	
INVOICE NO. 3556980998	FUS NO. B53409		DATE SHIPPED 10/18/17	DELIVERY NOTE E47692	
INVOICE DATE 10/18/17	TRN A3	WHS 115	PAYMENT TERMS 100% N30 FROM INVOICE		

Sold To:

Customer No: 135233

Ship To:

Global No: 8024464

ALLIANCE WATER RESOURCES
3 ANDERSON RD
PO BOX 1985

LAKE OZARK

MO 65049

ALLIANCE WATER RESOURCES
ATTN: GARY HUTCHCRAFT
3 ANDERSON ROAD
LAKE OZARK, MO 65049

OCT 24 2017

FREIGHT TERMS		DELIVERY TERMS		ORDER PROCESSED BY	
Jobsite		PP/Add Actual surcha		WEDECO-CHARLOTTE, NC	
SHIP VIA		ORDER TEXT		CUSTOMER TEXT	
FedEx PKG Ground Business				JULIE	
LINE	ITEM/DESCRIPTION	QUANTITY SHIPPED UM	UNIT PRICE DISCOUNT/CHARGE	NET PRICE	EXTENDED AMOUNT
001	76000000036392 BRUSH, TAK, SS FOR NEW SENSOR OLD NUMBER: 136392	8 EA	20.00	20.000	160.00
	SUB-TOTAL OF POSITIONS				160.00
	PLUS ACTUAL S & H CHARGES				8.17
	NET AMOUNT BEFORE TAXES USD				168.17
GL Acct#: 6705-20 \$84.09 1220-20 \$84.08					
Signature: Gary Hutchcraft					
Date: 10/24/17					
DISPATCH INFO: 743798717601				ORDER TOTAL USD	
				168.17	

IMPORTANT - This invoice is governed by and subject to TERMS AND CONDITIONS OF SALE - XYLEM AMERICAS. Different terms are hereby rejected unless expressly assented to in writing. Terms are accessible at <http://www.xyleminc.com/en-us/Pages/terms-conditions-of-sale.aspx>



INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # H932270
Invoice Date 10/10/17
Account # 116902
Sales Rep STEVEN BURKE
Phone # 573-348-1273
Branch # 138 Osage Beach, MO
Total Amount Due \$225.70

680 1 MB 0.423 E0220X 10325 02820B24573 S2 P4723747 0801:0001

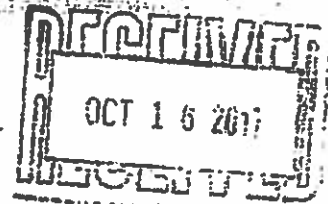


ALLIANCE WATER RESOURCES INC
PO BOX 1985
LAKE OZARK MO 65049-1985

Remit To:
CORE & MAIN LP
PO BOX 28330
ST LOUIS, MO 63148 OCT 17 2017

Shipped to:

CUSTOMER PICK-UP



Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice #
10/09/17	10/09/17	SEE BELOW	TREATMENT PLANT			WILL CALL	H932270

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
CUSTOMER PO#- TREATMENT PLANT							
96CHL100	100# DRUM GRANULAR CHLORINE	1	1		210.00000	EA	210.00

GL Acct#: 6705-20 \$120.70 1220-20 \$105.00

Signature: [Signature]

Date: 10/16/17

Effective 8/29/2017
Visit: core.main.com
for forms (see right)

HD SUPPLY, WATERWORKS IS NOW:



Available on the new website

- New W-9
- Formal name change letter
- FAQ for customers & vendors

Freight	Delivery	Handling	Restock	Misc.	Subtotal:	210.00
					Other:	0.00
					Tax:	15.70
					Invoice Total:	\$225.70

Terms: NET 30

Ordered By: GARY

This transaction is governed by and subject to CORE & MAIN's standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: www.waterworks.hdsupply.com/TandC.



INDUSTRIAL

WEIGHING EQUIPMENT

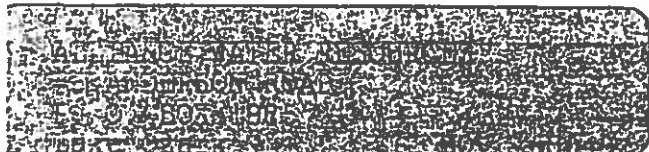
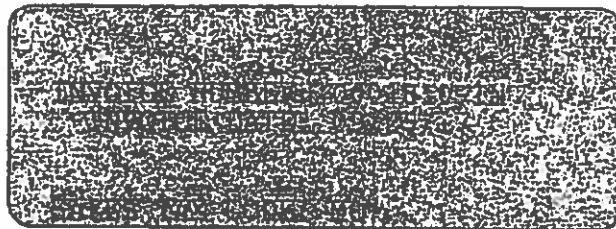
5404 Jedred Ct. • St Louis, MO 63128
Bus: (314) 845-7778 • Fax: (314) 845-7779



PAGE: 1

INVOICE

Remit to: P. O. Box 959823
St. Louis, MO 63195

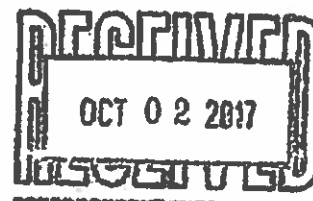


CONTACT:



TERMS: NET 15 DAYS

SALES CD	DESCRIPTION	QUANTITY	PRICE	AMOUNT
LAB09	INSPECT AND TEST LAB BALANCE	EACH	1.000	150.000
COMP	INSPECTION CHARGE	EACH	1.000	9.200
	REG FEE			9.20

GL Acct#: 6705-20⁴79.60 1220-20⁴79.60Signature: *Ray Hutchings*Date: 10/27/17

NET INVOICE: 159.20
FREIGHT: 0.00
SALES TAX: 0.00
INVOICE TOTAL: 159.20



DEDICATED TO THE PROFESSIONAL

Store 4046, 4005 OSAGE BEACH PKWY,
OSAGE BEACH, MO 65065 (573) 348-2725

Bill To:

ALLIANCE WATER RESOURCES
#3 ANDERSON RD
PO BOX 1985
LAKE OZARK, MO 65049
(573) 365-0455

Ship To:

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

Invoice	4046-111961
Sale Type	Charge - Monthly
Date	10/02/2017 7:53 AM
Ship Via	DELIVER
PO Number	gary

Counter #	Customer Account	Ordered By	Special Instructions
93	192183	GARY	

Qty	Line	Item Number	Description	Warr	Unit	Tax	List	Net	Extended
6	OSP	HP-68	OIL		EA	T1	43.05	18.70	112.20
		Picked Up							



GL Acct#: 6702-20 \$64.49 1220-20 \$56.10

Signature: [Signature]

Date: 10/2/17

6 Items

Ask your Sales Rep about Real World Training opportunities in your area.

Sub-Total 112.20
Sales Tax 8.39
Total 120.59

X
Customer Signature



WWW.FIRSTCALLONLINE.COM

Please visit www.firstcallonline.com/warranty for warranty details

1/1

WE APPRECIATE YOUR BUSINESS!

Remit To: PO BOX 9464, SPRINGFIELD, MO 65801-9464

ROEMER'S HEAVY EQUIPMENT
 & TRUCK REPAIR
 P.O. Box 181
 Osage Beach, Missouri 65065
 (573) 348-3739

1970

(T)

QTY	PART NO AND DESCRIPTION	PRICE
1	16170 U-Joint	13.00
1	164123 Yoke	14.00
1	164573 Yoke	16.15
RECEIVED OCT 02 2012 10/2/12		
GE Acct# 6702-20 344 ON 100-20 339 Signature: <i>[Signature]</i> Date: 10/2/12		
(MAY BE COUNTERED ON OTHER BOD)		
TOTAL PARTS		43.69
ACCESSORIES		
TOTAL LABOUR		620.00
TOTAL PARTS		43.69
ACCESSORIES		
TOTAL OIL & GREASE		15.24
TIRE/FLUIDS/REPAIRS		
TIRE/FLUIDS/REPAIRS		
TAX		4.55
TOTAL		683.48
THANK YOU!		

NAME Alliance Water Resources Inc.
 ADDRESS PO Box 1985
 CITY, STATE, ZIP Lake Ozark, MO 65049
 PHONE 65049
 YEAR, MAKE, & MODEL 1999 WHITE Volvo 6-MC
 SERIAL NUMBER
 MOTOR NUMBER
 TERMS

CUSTOMER SERVICE NO.
 ORDER WRITTEN BY
 DATE PROMISED 10/18/12
 A.M. P.M.

COCUMETER IN
 COCUMETER OUT

DESCRIPTION OF WORK
☐ CLUSE ☐ CHANGE OIL ☐ OIL FILTER ☐ TUNE-UP ☐ TRANS. ☐ DIFF.

CHECK VACUUM PUMP FOR BEING LOCKED
 U.P. REMOVE PUMP AND DISASSEMBLE
 FOUND PUMP NOT REMOVABLE
 INSTALLED NEW VACUUM PUMP AND ASSEMBLY
 REPAIR PTO SHAFT TO VACUUM PUMP
 REPLACES TWO SHAFT YOKES AND U-JOINT
 AND LOCKED TO PUMP, FILL PUMP WITH OIL
 AND RUN & CHECK.

LITERS/GALLONS OF GAS 1 GALLON
 LITERS/GALLONS OF OIL 15.24
 POUNDS OF GREASE

I hereby authorize the above repair work to be done along with the necessary materials. You and your employees may remove above vehicle for purposes of inspection, or delivery at my risk. An express mechanic's lien is acknowledged on above vehicle to secure the amount of repair charges. It is also understood that you will not be held responsible for loss or damage to car or articles left in care of the shop or any other cause beyond your control.

HAVE OLD PARTS? ☐ YES ☐ NO
 SIGNATURE

QTY	PART NO. AND DESCRIPTION	PRICE
1	96835188946 COVER	82.31
1	96801089001 Seat Foam	34.56

HOEMER'S HEAVY EQUIPMENT & TRUCK REPAIR

P.O. Box 191
Osage Beach, Missouri 65065
(873) 348-3783

19177

NAME Alliance Water Resources, Inc. CUSTOMER SERVICE NO. DATE 9/28/17
ADDRESS P.O. Box 1985 ORDER WRITTEN BY PROMISED
CITY, STATE, ZIP Osage Beach MO BUSINESS PHONE EXT. 65049 A.M. P.M.
HOME PHONE
YEAR, MAKE AND MODEL 2017 GMC VULVO LICENSE NUMBER
VEHICLE NUMBER MOTION NUMBER TERMS
DESCRIPTION OF WORK

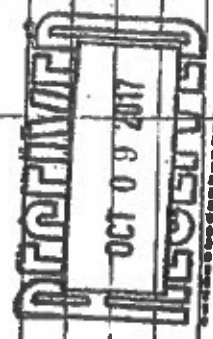
☐ LUBE ☐ CHANGE OIL ☐ OIL FILTER ☐ TUNE-UP ☐ TRANS. ☐ DIFF.

REMOVE AND REPLACE DRIVERS SEAT
CUSHION AND SEAT COVER, RESET AIR
CLEANER WARNING LIGHT

GLS Acct# 6102-20108.75 1200-20 99.89

Signature David K. Williams

Date 10/9/17



TOTAL PARTS		TOTAL LABOR	
114.87		85.00	
TOTAL ACCESSORIES		TOTAL PARTS	
114.87		114.87	
GAS, OIL & GREASE		ACCESSORIES	
100.00		GAS, OIL & GREASE	
SURLET REPAIR		SURLET REPAIR	
BY WASTE DISPOSAL		BY WASTE DISPOSAL	
TAX		TAX	
8.87		8.87	
TOTAL		TOTAL	
308.64		308.64	
THANK YOU!		THANK YOU!	

I hereby authorize the above repair work to be done along with the necessary materials. You and your employees may operate above vehicle for purposes of testing, inspection, or delivery at my risk. An express mechanic is then acknowledged on above vehicle to secure the amount of repairs to be made. It is also understood that you will not be held responsible for loss or damage to cars or articles left in care of firm, theft or any other cause beyond your control.

NAME OLD PARTS? ☐ YES ☐ NO
SIGNATURE

ROBERT'S HEAVY EQUIPMENT TRUCK REPAIR

1985

PO Box 181
Osbey, Idaho, 83055
(578) 388-5733

QTY	PART NO AND DESCRIPTION	PRICE
1	420-2N Brake Line	9.92
1	72810 10T 05 Fluid	6.47
1	735-2200 PWC 516 Pump	63.47
OT 10000-1002-20 10/16/10 1220-20 10/16/10 Signature: <i>Donny Kautsky</i> Date: 10/13/17		
(MAY BE CONTINUED ON OTHER SIDE)		
TOTAL PARTS		79.86
ACCESSORIES		

NAME: <u>Alliance Under Resources</u>		CUSTOMER SERVICE NO.	DATE: <u>10/13/17</u>
ADDRESS: <u>PO Box 1985</u>		ORDER WRITTEN BY	PROVIDED
CITY/STATE/ZIP: <u>Lahe Czech, MO, 65049</u>	EXT.	ODOMETER IN	A.M. P.M.
HOME PHONE	BUSINESS PHONE	ODOMETER OUT	
VEH. MAKE: <u>Old Dodge Dakota</u>	LICENSE NUMBER		
SERIAL NUMBER	YEAR		
☐ CLUTCH ☐ CHARGE OIL ☐ OIL FILTER ☐ TUNE-UP ☐ TRANS. ☐ DIFF.			
Brought unit in pressurized coolant system w/leak hot found no coolant leaks. Looked at power steering. Found a line broken and power steering pump not working. good. Replaced both then tested system. System w/leak cold found some leaking tightened all them up.			
LITERALS OF GAS		TOTAL LABOR	240.00
LITERALS OF OIL		TOTAL PARTS	79.86
LITERALS OF GREASE		ACCESSORIES	
		GAS, OIL & GREASE	
		BULLET REPAIRS	
		EXHAUST DISPOSAL	
		TAX	6.17
TOTAL		THANK YOU!	326.03

I hereby authorize the above repair work to be done along with the necessary materials. You and your employees may operate above vehicle for purposes of testing, inspection, or delivery of any part. An express mechanic has been acknowledged on above vehicle to ensure the accuracy of repairs. It is also understood that you will not be held responsible for loss or damage to cars or vehicles in case of fire, theft or any other cause beyond your control.

NAME OLD PARTS? ☐ YES ☐ NO
SIGNATURE

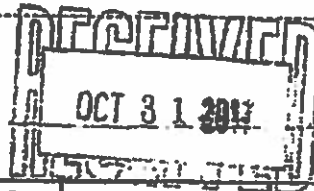
TOTAL ACCESSORIES

CONTROLLED HEATING & COOLING CO.
 883 E. HIGHWAY 42
 SUITE A
 OSAGE BEACH, MO 65065
 573-348-1535

Date	Invoice
10/27/2017	7751

BILL To
Alliance Water Resources P.O. Box 1985 Lake Ozark, MO 65049

*Celebrating 34 Years
 1983 - 2017*



P.O. No.	TERMS	Project
	Due on receipt	

Description	Qty	Rate	Amount
TUA WINTER 2017 AND SUMMER 2018		208.15	208.15
GL Acct#: <u>6700-20 \$104.08</u> <u>1220-20 \$104.07</u> Signature: <u>[Signature]</u> Date: <u>10/31/17</u>			
Thank you for your business.	Total		\$208.15

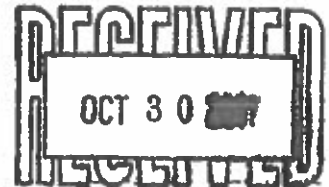
UV Doctor Lamps, LLC
 UV Doctor Systems, LLC
 209 S. Washington Ave.
 Newport, WA 99156

INVOICE

Invoice # 10947

Bill To:
 JOINT SEWER BOARD
 ALLIANCE WATER RESOURCES, INC
 PO BOX 1985
 LAKE OZARK, MO 65049

Ship To:
 ALLIANCE WATER RESOURCES, INC
 LAKE OF THE OZARK REGIONAL WWTP
 #3 ANDERSON ROAD
 LAKE OZARK, MO 65049



Date	P.O. No.	Ship Via	FOB		Terms	Due Date
10/24/2017	GARY H	UPS	Newport WA		NET 30	11/23/2017
Item	Description		Ordered	Shipped	Unit Price	Amount
1648	WEDECO WIPER RING - 4 TURN TEFLON - #33639		144	144	15.00	2,160.00
FREIGHT	SHIPPING AND HANDLING: UPS TRACKING 1Z0371XV0393913947, ETA IS 10/30/17.				39.73	39.73

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

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

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

Sales Tax (0.0%)	\$0.00
Total	\$2,199.73
Payments/Credits	\$0.00
Balance Due USD	\$2,199.73

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

Account Number	Account Name	10/31/2017					Percent YTD
		2015 Actual	2016 Actual	2017 Budget	2017 Actual as of 10/31/2017	2017 October Revenue	
3020	Osage Beach	477,172.03	475,802.57	473,000.00	398,723.97	39,970.29	84%
3010	Lake Ozark	72,827.98	74,197.42	77,000.00	59,609.35	5,863.04	77%
3100	Interest	54.79	368.52	200.00	667.94	53.90	334%
3060	Waste Haulers' Fee	32,400.00	33,460.00	35,000.00	29,100.00	940.00	83%
Total Operating Fund		582,454.80	583,828.51	585,200.00	488,101.26	46,827.23	83%
E/R Fund Income		2,188.83	2,847.67	1,500.00	1,301.47	198.27	87%
TOTAL INCOME		584,643.63	586,676.18	586,700.00	489,402.73	47,025.50	83%

Page left intentionally blank

**MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
10/31/2017**

Account Number	Account Name	2015 Actual	2016 Actual	2017 Budget	2017 Actual as of 10/31/2017	2017 October Expenses	Percent YTD
4000	Equipment Replace Fund	41,606.04	41,608.04	41,604.00	34,670.17	3,467.00	83%
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	120,402.64	1,332.51	430%
4140	Insurance	16,306.00	16,977.00	17,500.00	17,144.00	0.00	98%
4150	***Vehicle Repair/Maint	1,508.78	951.93	8,000.00	6,452.94	0.00	81%
4160	Haulers Fees to Contractor	8,000.00	8,000.00	8,000.00	8,000.00	0.00	100%
4170	Contract Management	296,233.08	303,638.88	312,750.00	259,358.20	25,935.82	83%
4185	Electric	76,751.19	72,637.17	77,000.00	60,649.01	5,246.28	79%
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	2,200.00	0.00	100%
4220	Professional Service	2,369.99	9,193.09	0.00	1,200.00	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	510,076.96	35,981.61	79%
	**E/R Expenses	1,869.72	7,980.42	26,500.00	6,539.71	0.00	25%
	TOTAL EXPENSES	480,523.70	481,893.38	671,554.00	516,616.67	35,981.61	77%
**Equipment & Replacement							
Normal E/R		10,000.00					500.00 X
Replace impellers for RAS pumps		7,500.00					1,500.00
Rebuild Arm Support Clarifier #2		5,000.00					8,000.00
Replace doors		4,000.00					8,000.00 X
		<u>26,500.00</u>					2,000.00
***Vehicle Repair/Maint							
Vehicle Maintenance		3,000.00					1,000.00
Tires for Sludge Truck		5,000.00					7,000.00
		<u>8,000.00</u>					<u>28,000.00</u>
2016 Budget							
#1 Aeration Basin grit removal							107,249.88 X

Page left intentionally blank

OPERATING FUND INCOME AND EXPENSE SUMMARY
10/31/2017

Beginning Balance	256,295.51
Income - Osage Beach	39,970.29
Income - Lake Ozark	5,863.04
Income - Other	-
Income - Waste Haulers' Fees	940.00
Interest - Checking	53.90
Income - CD Interest	-
Transfers From E/R Fund	-
Transfers to E/R Fund	(3,467.00)
Expenses	(32,514.61)
Ending Fund Balance	267,141.13
Central Bank - NOW Acct.	116,235.13
First Bank of the Lake - Money Mkt.	100,642.32
CD St. Elizabeth, 3/18 #400886	50,263.68
Outstanding Checks:	-
Deposit in Transit:	-
	267,141.13

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
10/31/2017

Beginning Balance	513,024.18
Interest - Checking	71.02
Income - CD Interest	127.25
Transfers From E/R Fund	3,467.00
Transfers to E/R Fund	-
Income - Miscellaneous	-
Expenses	-
Ending Fund Balance	516,689.45
First Bank of the Lake - Money Mkt.	162,755.86
CD Providence Bank, 7/18 #1268880	202,070.98
CD First Bank of the Lake, 01/18 #101318429	101,598.93
CD St. Elizabeth, 3/18 #485431	50,263.68
Deposit in Transit	-
Outstanding Checks:	-
	516,689.45

Page left intentionally blank

Operating Fund
CHECK REGISTER - JOINT SEWER BOARD OPERATION FUND

	reconciled balance 5/31/17				77,164.33
3595	Ameren MO	X	9,413.41	-	67,750.92
3596	Equipment Replacement Fund	X	3,467.00		64,283.92
3597	Alliance Water Resources, Inc.	X	25,935.82		38,348.10
3598	Alliance Water Resources, Inc.	X	2,320.00		36,028.10
3599	Alliance Water Resources, Inc.	X	1,374.90		34,653.20
3600	CED Inc.	X	2,450.00	-	32,203.20
3601	White Industrial Seismology	X	1,200.00	-	31,003.20
	Deposit LO	X	-	5,996.29	36,999.49
	Deposit OB	X		39,837.04	76,836.53
	Deposit	X		3,300.00	80,136.53
	Interest	X		6.84	80,143.37
	reconciled balance 6/30/17				80,143.37
3602	Ameren MO	X	9,387.63	-	70,755.74
3603	Equipment Replacement Fund	X	3,467.00		67,288.74
3604	Alliance Water Resources, Inc.	X	25,935.82		41,352.92
3605	Alliance Water Resources, Inc.	X	1,650.00		39,702.92
3606	Alliance Water Resources, Inc.	X	708.54		38,994.38
3607	Gerding, Korte & Chitwood	X	2,200.00	-	36,794.38
	Deposit LO	X	-	6,145.67	42,940.05
	Deposit OB	X		39,687.66	82,627.71
	Deposit	X		4,300.00	86,927.71
	Interest	X		7.75	86,935.46
	reconciled balance 7/31/17				86,935.46
3608	Ameren MO	X	9,309.73	-	77,625.73
3609	Equipment Replacement Fund	X	3,467.00		74,158.73
3610	Alliance Water Resources, Inc.	X	25,935.82		48,222.91
3611	Alliance Water Resources, Inc.	X	580.00		47,642.91
3612	Alliance Water Resources, Inc.	X	479.17		47,163.74
	Deposit LO	X	-	5,271.18	52,434.92
	Deposit OB	X		40,562.15	92,997.07
	Deposit	X		4,140.00	97,137.07
	Interest	X		8.24	97,145.31
	reconciled balance 8/31/17				97,145.31
3613	Ameren MO	X	9,666.03	-	87,479.28
3614	Equipment Replacement Fund	X	3,467.00		84,012.28
3615	Alliance Water Resources, Inc.	X	25,935.82		58,076.46
3616	Alliance Water Resources, Inc.	X	962.21		57,114.25
3617	Mission Communications LLC	X	407.40		56,706.85
3618	JCI Industries	X	1,995.00		54,711.85
	Deposit LO	X	-	5,499.54	60,211.39
	Deposit OB	X		40,333.80	100,545.19
	Deposit	X		4,880.00	105,425.19
	Interest	X		8.54	105,433.73
	reconciled balance 9/30/17				105,433.73
3619	Ameren MO	X	5,246.28	-	100,187.45
3620	Equipment Replacement Fund	X	3,467.00		96,720.45
3621	Alliance Water Resources, Inc.	X	25,935.82		70,784.63
3622	Alliance Water Resources, Inc.	X	161.32		70,623.31
3623	John Henry Foster	X	1,171.19		69,452.12
	Deposit LO	X	-	5,863.04	75,315.16
	Deposit OB	X		39,970.29	115,285.45
	Deposit	X		940.00	116,225.45
	Interest	X		9.68	116,235.13
	reconciled balance 10/31/17				116,235.13



Central Bank of Lake of the Ozarks

MEMBER FDIC
P.O. Box 4100, Jefferson City, MO 65102
(571) 348-2661

RETURN SERVICE REQUESTED

OSB011001 011 OSB001

LAKE OZARK OSAGE BEACH JOINT SEWER
TREATMENT PLANT BOARD
1000 CITY PKWY
OSAGE BEACH MO 65055-3058

Period 10/01/2017 - 10/31/2017 Page 1 of 2
Web Address www.centralbank.net

M
OK

Your Financial Summary on October 31, 2017

	Bank Deposits	Totals
Bank Deposit Accounts:		
Checking	\$ 116,235.13	
Bank Deposit Total		\$ 116,235.13
Total Assets:	\$ 116,235.13	\$ 116,235.13

Detailed Explanation of Account Balances and Other Assets

Basic Plus Interest Checking

No. 000007297		Beginning Balance September 29, 2017		\$	105,433.73
Deposits					
Oct. 17	Deposit				5,863.04
Oct. 17	Deposit				39,970.29
Oct. 18	Deposit				900.00
Oct. 27	Deposit				40.00
Oct. 31	Interest Earned				9.68
Total				+\$	45,783.01
Checks					
Check No.	Date Paid	Amount	Check No.	Date Paid	Amount
3619	Oct. 24	5,246.28	3622	Oct. 19	161.32
3620	Oct. 19	3,467.00	3623	Oct. 23	1,171.19
3621	Oct. 19	25,935.82			
Total				-\$	35,981.61
Ending Balance October 31, 2017				\$	116,235.13

Number of days since last statement/interest cycle 31
Beginning and ending dates for calculation of statement/interest cycle are 10/01/2017 through 10/31/2017
Average collected balance 113,915.00
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 5/31/17	-	252,065.31
1018	VOID					252,065.31
1019	HD Supply Waterworks	X	2,837.77			249,227.54
1020	G&L Welding	X	1,163.75			248,063.79
	Interest	X		103.17		248,166.96
	Deposit	X		3,467.00		251,633.96
	reconciled balance 6/30/17					251,633.96
1021	Alliance Water Resources	X	169.50			251,464.46
	Interest	X		107.22		251,571.68
	Deposit	X		3,467.00		255,038.68
	reconciled balance 7/31/17					255,038.68
	Interest	X		108.83		255,147.51
	Deposit	X		3,467.00		258,614.51
	reconciled balance 8/31/17					258,614.51
	Interest	X		103.12		258,717.63
	Deposit	X		3,467.00		262,184.63
	reconciled balance 9/30/17					262,184.63
1022	National Vacuum Equip/OB	X	2,368.69			259,815.94
	Interest	X		115.24		259,931.18
	Deposit	X		3,467.00		263,398.18
	reconciled balance 10/31/17					263,398.18



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

536 00010 01
ACCOUNT:
DOCUMENTS:

101318411
2

PAGE: 1
10/31/2017

00123 2764171 10Z ATM 608 60 1.5

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



Privacy Notice - Federal law requires us to tell you how we collect, share, and protect your personal information. Our privacy policy has not changed and you may review our policy and practices with respect to your personal information at www.firstbanklake.com or we will mail you a free copy upon request if you call us at 573-348-2265.

BUSINESS MONEY MARKET ACCOUNT 101318411 (BUSINESS MONEY MARKET)

LAST STATEMENT 09/29/17 262,184.63
2 CREDITS 3,582.24
1 DEBITS 2,368.69
THIS STATEMENT 10/31/17 263,398.18

REF #.....DATE.....AMOUNT REF #.....DATE.....AMOUNT REF #.....DATE.....AMOUNT
10/18 3,467.00

DESCRIPTION OTHER CREDITS DATE AMOUNT
INTEREST 10/31 115.24

CHECKS
CHECK #..DATE.....AMOUNT CHECK #..DATE.....AMOUNT CHECK #..DATE.....AMOUNT
1022 10/24 2,368.69

INTEREST
AVERAGE LEDGER BALANCE: 263,109.27 INTEREST EARNED: 115.24
AVERAGE AVAILABLE BALANCE: 262,892.58 DAYS IN PERIOD: 32
INTEREST PAID THIS PERIOD: 115.24 ANNUAL PERCENTAGE YIELD EARNED: .50%
INTEREST PAID 2017: 1,042.41

*** CONTINUED ***



NOTICE: SEE REVERSE SIDE FOR IMPORTANT INFORMATION



OUR
MISSION

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



REPORT OF OPERATIONS

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

Month of October 2017

Submitted by Alliance Water Resources, Inc. for the

November 2017

Joint Sewer Board Meeting

**Alliance Water
Resources,
Inc.**

**206 S. Keene
St.
Columbia, MO
65201**

(573)874-8080

SUMMARY OF FACILITY OPERATION

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

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

PLANT EFFLUENT QUALITY

	BOD mg/l	TSS mg/l	pH	E.coli Coliform Colonies/100 ml	Ammonia as N mg/L	O&G mg/L	Metals Selenium ug/L
Monthly Average	1.0	1.5	NA	1.3	0.04	< 5.0	< 1.0
Peak Day	1.2	2.7	8.1	81	0.04	< 5.0	< 1.0
Percent Removal	99.3	99.0	NA	NA	NA	NA	NA

NPDES EFFLUENT LIMITATIONS

	BOD mg/l	TSS mg/l	pH	E.coli Coliform Colonies/100 ml	Ammonia as N mg/L	O&G mg/L	Metals Selenium ug/ L
Monthly Average	30	30	6-9	126	2.7	10	4.0
Weekly Average	45	45		630			
Daily Max					11.5	15	8.1

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 1.575 MGD or 52% of Permitted flow with Lake Ozark contributing 13% of the total flow and Osage Beach contributing 87%. 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 57411 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 20 tanker loads of bio-solids during the month equivalent to a total of 74,000 gallons and 23,051 pounds dry weight solids.

484,502 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 405,000 gallons with a level of 8.0 feet in Tank 1 and 1.0 feet in Tank 2.

WASTEHAULERS

The plant received 10 loads of septage during the month totaling 23,500 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Antero Maintenance Data Management schedule. (New version of Operator 10 Software)
- We replaced the pipe boot on the aeration pipe in digester #2 on the 4th of October.

SAFETY

- We conducted our monthly routine Safety Meeting on Fire Safety on the 5th of October.

REGULATORY AGENCY, INSPECTION AND REPORTS

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

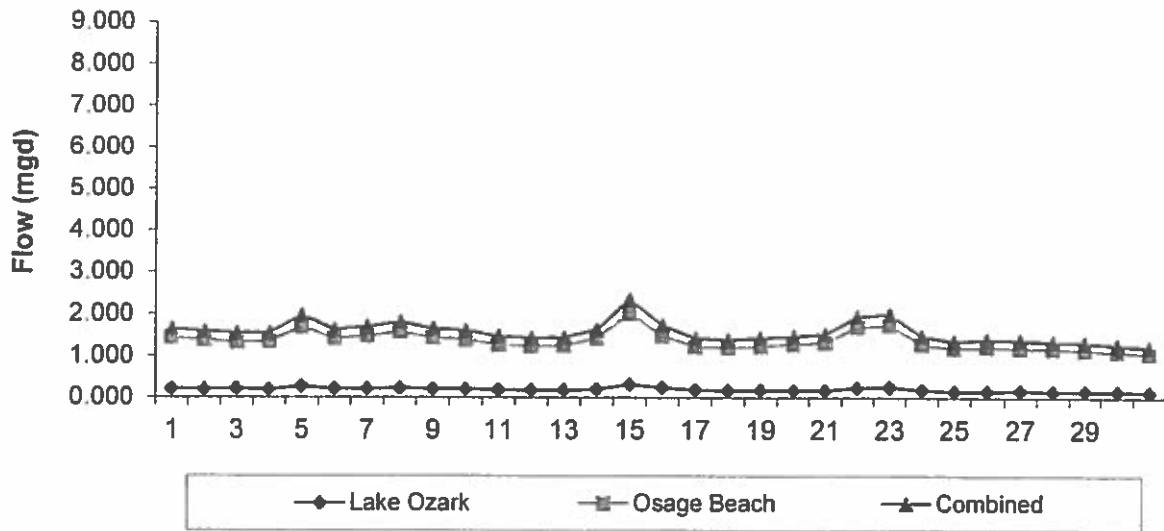
MISCELLANEOUS AND RECOMMENDATIONS

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF October 2017

DATE		FLOW					BOD 5 MG/L			TSS MG/L		
	RAIN FALL IN.	LO mgd	OB mgd	COMB mgd	% LO	% OB	LO mg/l	OB mg/l	COMB mg/l	LO mg/l	OB mg/l	COMB mg/l
1-Oct	0	0.208	1.443	1.651	12.6	87.4						
2-Oct	0	0.202	1.384	1.586	12.7	87.3						
3-Oct	0	0.215	1.335	1.550	13.9	86.1						
4-Oct	0.7	0.196	1.351	1.547	12.7	87.3						
5-Oct	1.6	0.274	1.699	1.973	13.9	86.1						
6-Oct	0	0.212	1.417	1.629	13.0	87.0	160	185	128	106	164	158
7-Oct	0	0.219	1.482	1.701	12.9	87.1						
8-Oct	0.3	0.236	1.578	1.814	13.0	87.0						
9-Oct	0	0.214	1.440	1.654	12.9	87.1						
10-Oct	0.1	0.210	1.400	1.610	13.0	87.0						
11-Oct	0.3	0.195	1.273	1.468	13.3	86.7						
12-Oct	0	0.185	1.249	1.434	12.9	87.1						
13-Oct	0	0.192	1.254	1.446	13.3	86.7	145	210	130	114	138	136
14-Oct	0	0.209	1.429	1.638	12.8	87.2						
15-Oct	1.75	0.327	2.031	2.358	13.9	86.1						
16-Oct	0	0.252	1.489	1.741	14.5	85.5						
17-Oct	0	0.197	1.234	1.431	13.8	86.2						
18-Oct	0	0.181	1.215	1.396	13.0	87.0						
19-Oct	0	0.187	1.247	1.434	13.0	87.0						
20-Oct	0	0.182	1.294	1.476	12.3	87.7	148	128	123	132	112	128
21-Oct	0	0.191	1.336	1.527	12.5	87.5						
22-Oct	1.1	0.249	1.706	1.955	12.7	87.3						
23-Oct	0.5	0.263	1.746	2.009	13.1	86.9						
24-Oct	0	0.197	1.282	1.479	13.3	86.7						
25-Oct	0	0.158	1.202	1.360	11.6	88.4						
26-Oct	0	0.168	1.233	1.401	12.0	88.0						
27-Oct	0	0.180	1.203	1.383	13.0	87.0	280	205	183	334	134	206
28-Oct	0	0.159	1.186	1.345	11.8	88.2						
29-Oct	0	0.165	1.162	1.327	12.4	87.6						
30-Oct	0	0.161	1.116	1.277	12.6	87.4						
31-Oct	1	0.148	1.073	1.221	12.1	87.9						
SUM	7.4	6.332	42.489	48.821								
AVG		0.204	1.371	1.575	13	87	183	182	141	172	137	157
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

**Daily Flow
Figure 1**



**Effect of Rainfall on Flow
Figure 2**

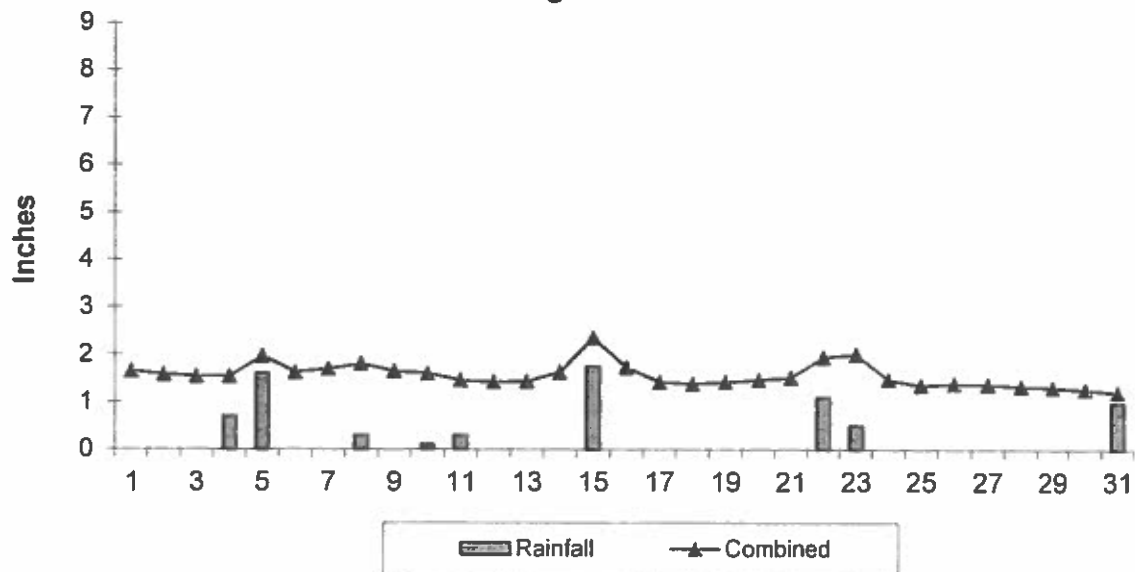


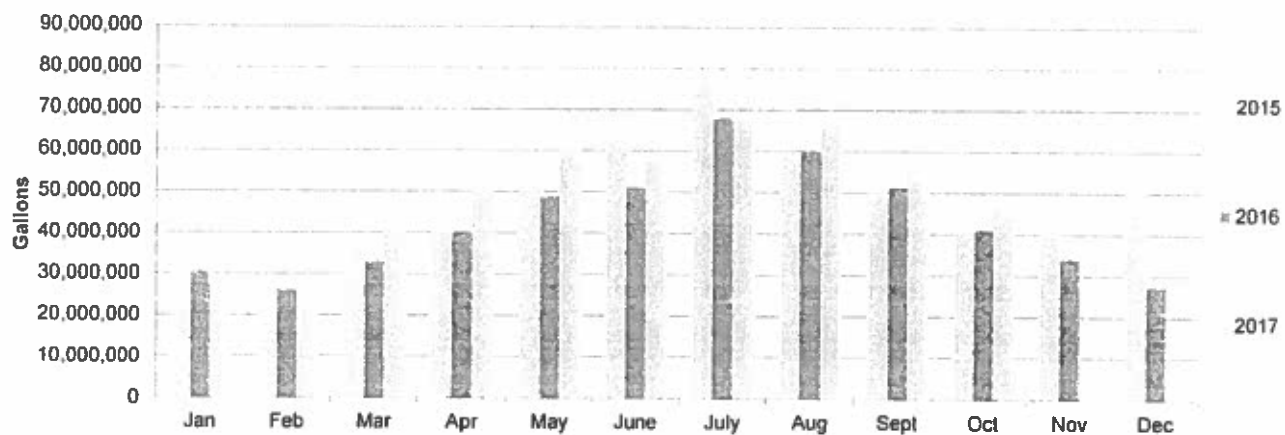
TABLE B
JOINT SEWER BOARD
Monthly Flows

<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%

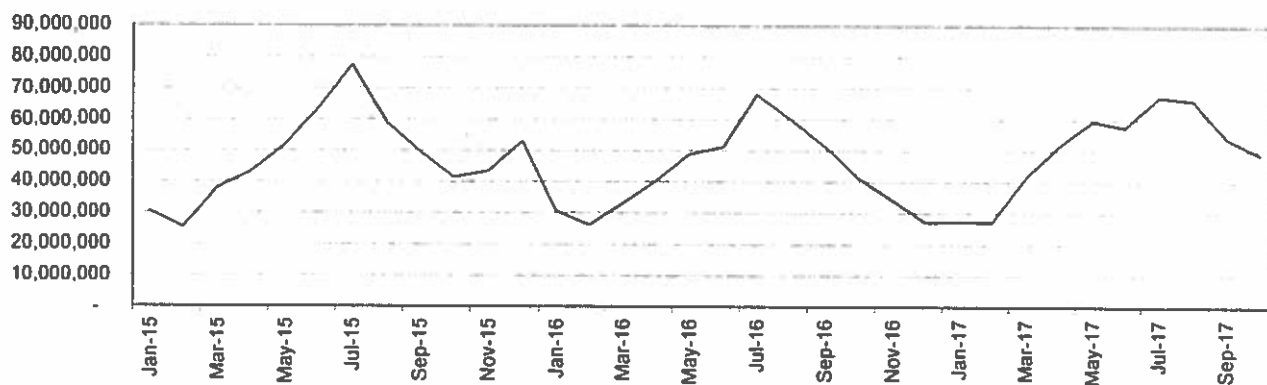
<u>2016</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	0.8	26,604,000	87%	4,001,000	13%	30,605,000	100%
February	0.8	22,444,000	86%	3,661,000	14%	26,105,000	100%
March	3.1	28,785,000	87%	4,251,000	13%	33,036,000	100%
April	5.3	35,053,000	87%	5,231,000	13%	40,284,000	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	3.8	36,554,000	88%	4,844,000	12%	41,398,000	100%
April	9.8	44,665,000	87%	6,723,000	13%	51,388,000	100%
May	8.1	51,527,000	87%	7,979,000	13%	59,506,000	100%
June	2.9	50,926,000	88%	6,618,000	12%	57,544,000	100%
July	5.2	59,347,000	88%	8,092,000	12%	67,439,000	100%
August	12.4	57,736,000	87%	8,409,000	13%	66,145,000	100%
September	1.5	47,096,000	87%	6,866,000	13%	53,962,000	100%
October	7.4	42,489,000	87%	6,332,000	13%	48,821,000	100%
November							
December							
	54.3	437,125,000	87%	63,584,000	13%	500,709,000	100%

Monthly Influent Flow
Figure 3A



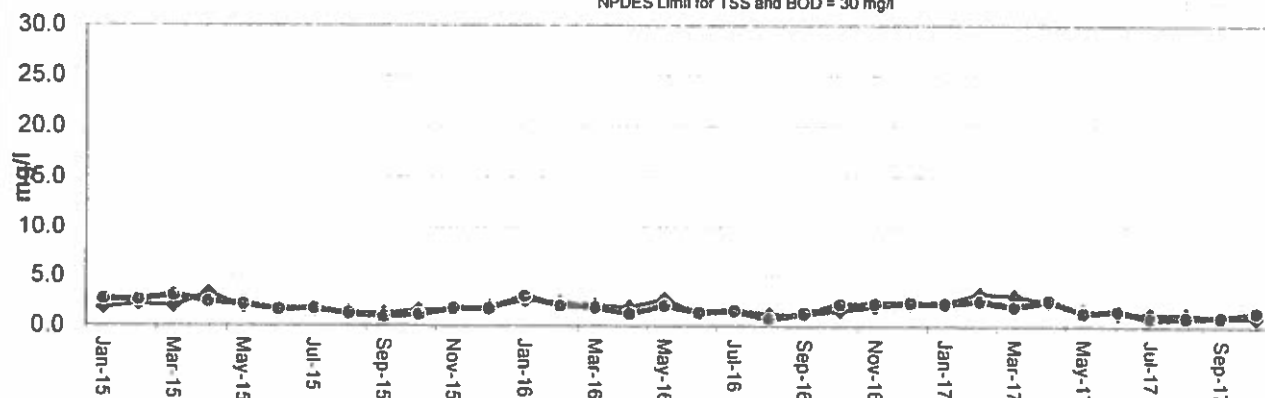
Monthly Influent Flow
Figure 3B



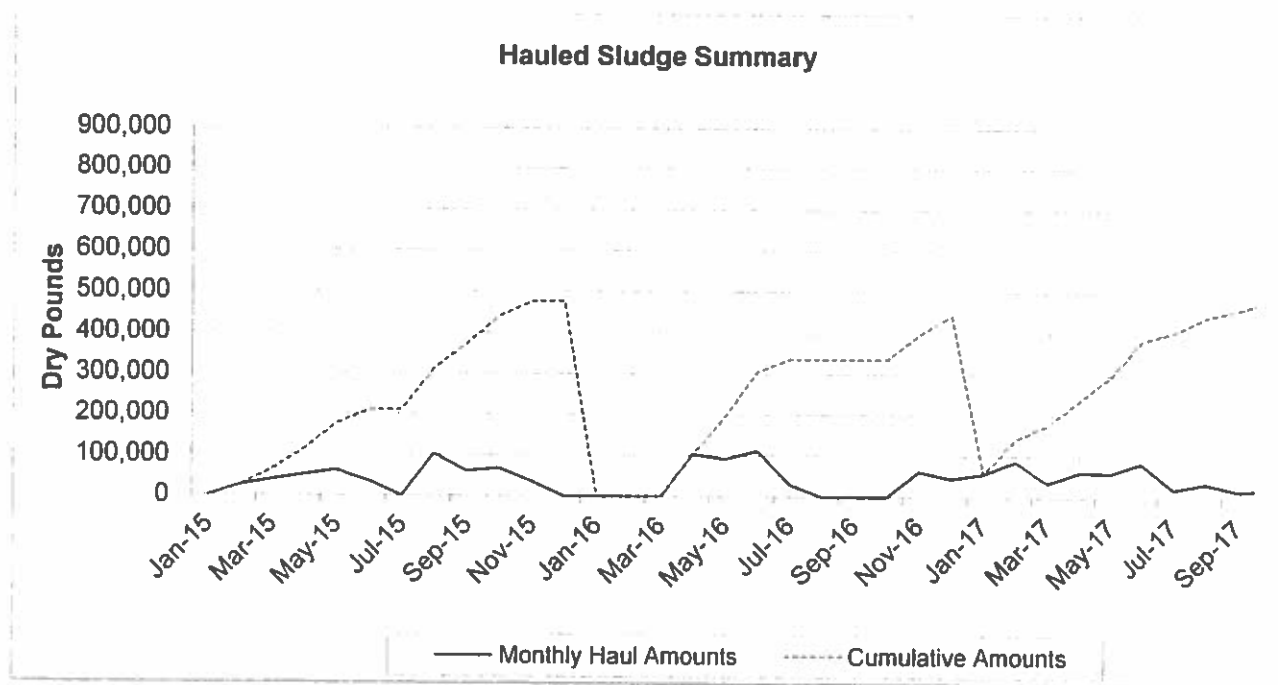
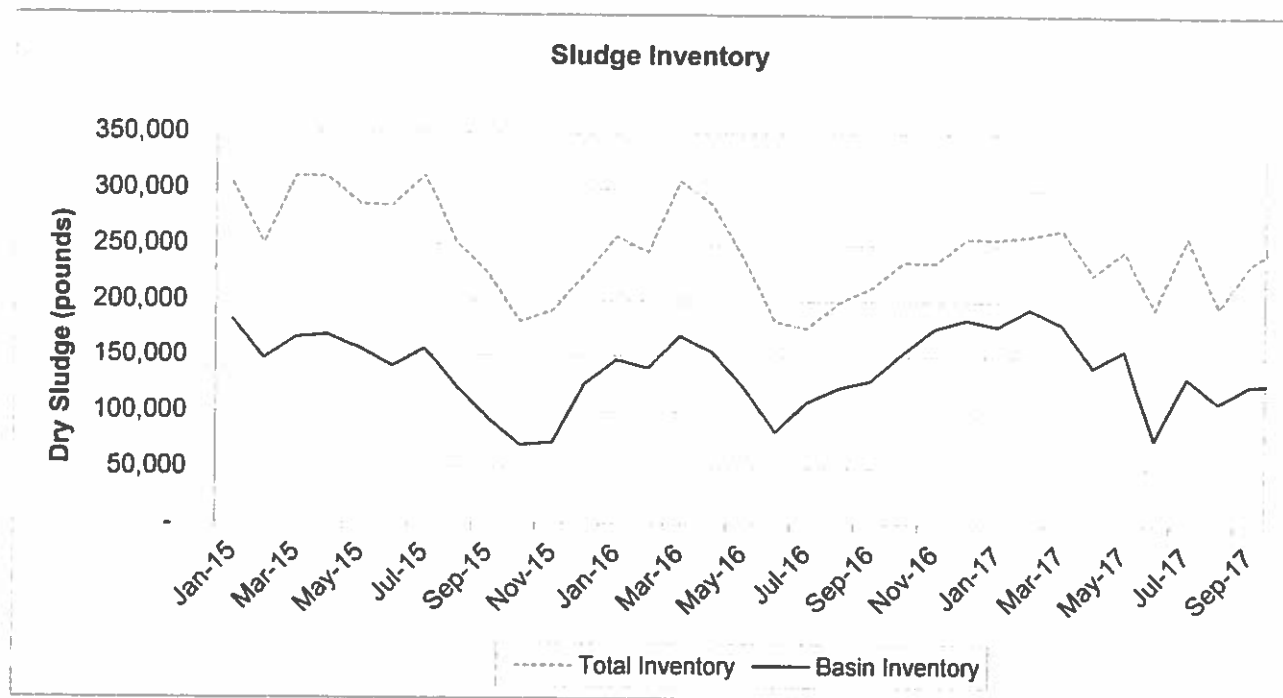
Effluent BOD/TSS
Figure 4

NPDES Limit for TSS and BOD = 30 mg/l

◆ BOD
● TSS

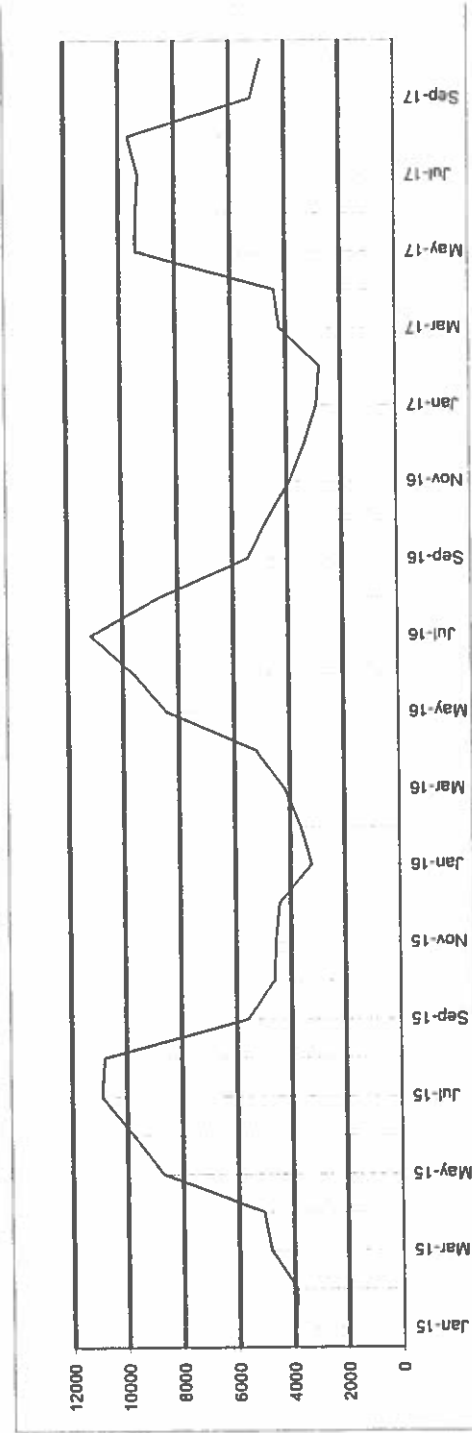


Date	Loads	Hauled Sludge			Basin Depths			Blanket Depths			MLSS Inventory			Blanket and MLSS Inventory			Accepted Septage		
		Gallons	# Dry	% Solids	Tank #1	Tank #2	AB #1	Basin Gallons	# Dry	Clar #1	Clar #2	Clar #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	Loads	Gallons
Jan-15	0	-	0	4.4%	5.5	5.5	0.0	495,000	181,645	2.0	2.0	0.0	3,900	4,160	3,671,048	123,385	0.00403	22	55,000
Feb-15	20	74,000	24,069	3.9%	6.0	4.0	0.0	450,000	146,366	1.0	1.0	0.0	3,580	3,290	3,535,524	104,150	0.00344	21	52,500
Mar-15	34	125,800	38,603	3.7%	5.5	6.5	0.0	540,000	165,704	1.0	2.0	2.0	5,040	4,250	3,740,142	144,890	0.00465	11	27,500
Apr-15	44	162,800	50,607	3.7%	6.0	6.0	0.0	540,000	167,861	2.5	2.0	1.0	5,180	4,000	3,723,357	142,532	0.00459	23	57,500
May-15	55	203,500	61,284	3.6%	5.5	6.0	0.0	517,500	155,845	1.5	2.0	4.0	4,030	4,110	3,635,879	130,204	0.00407	26	65,000
Jun-15	35	129,500	35,024	3.2%	8.0	3.5	0.0	517,500	139,961	2.0	1.0	3.0	4,630	4,550	3,783,570	144,637	0.00459	37	92,500
Jul-15	0	-	209,587	3.2%	6.5	6.5	0.0	585,000	156,125	1.0	2.0	1.0	5,470	4,600	3,696,714	156,157	0.00507	42	110,000
Aug-15	107	395,900	102,356	3.1%	6.5	4.0	0.0	472,500	122,160	0.5	1.0	0.5	4,170	3,570	3,678,952	130,400	0.00425	32	80,000
Sep-15	55	203,500	60,420	3.6%	5.5	1.5	0.0	315,000	93,525	1.0	1.0	1.0	4,480	3,920	3,678,952	110,917	0.00362	22	55,000
Oct-15	59	218,300	67,949	3.7%	4.0	1.0	0.0	225,000	70,034	1.0	1.0	1.0	3,310	4,430	3,714,476	118,803	0.00384	19	47,500
Nov-15	30	111,000	440,312	3.9%	3.0	2.0	0.0	225,000	72,434	1.0	3.0	1.0	3,440	1,940	3,709,547	99,000	0.00332	22	55,000
Dec-15	0	-	476,046	3.9%	4.5	4.0	0.0	382,500	124,412	2.0	0.5	1.5	4,460	1,610	3,617,762	111,164	0.00369	6	15,000
Jan-16	0	-	476,046	3.9%	5.0	5.0	0.0	450,000	146,367	0.5	0.5	0.0	3,760	3,610	3,635,524	105,211	0.00347	44	110,000
Feb-16	0	-	-	3.9%	6.0	3.5	0.0	427,500	139,049	1.0	1.0	1.0	3,210	3,730	3,714,476	139,249	0.0045	6	15,000
Mar-16	0	-	-	3.9%	6.0	5.5	0.0	517,500	168,322	2.0	2.5	1.0	4,670	4,320	3,732,238	132,600	0.00426	286	515
Apr-16	86	318,200	103,652	3.8%	5.5	5.0	0.0	472,500	153,914	2.5	1.0	1.0	5,540	3,180	3,732,238	116,343	0.00372	40	100,000
May-16	77	284,900	91,185	3.8%	6.0	0.0	0.0	270,000	82,339	1.0	5.0	1.0	3,770	3,670	3,750,000	99,155	0.00321	30	75,000
Jun-16	99	366,300	111,708	3.7%	5.5	3.0	0.0	382,500	108,577	1.5	1.0	1.5	2,570	2,830	3,709,547	67,041	0.00219	46	111,000
Jul-16	28	103,600	29,408	3.4%	4.5	4.0	0.0	382,500	108,577	1.0	1.0	1.0	1,740	2,220	3,678,952	78,240	0.00255	43	96,000
Aug-16	0	-	-	3.4%	6.0	3.5	0.0	427,500	121,222	1.0	1.0	1.0	2,800	2,690	3,678,952	84,223	0.00275	42	94,500
Sep-16	0	-	-	3.4%	5.0	5.0	0.0	540,000	153,122	1.0	1.0	1.0	1,740	3,600	3,678,952	81,922	0.00267	35	75,500
Oct-16	0	-	-	3.4%	6.5	5.5	0.0	540,000	175,295	1.0	0.0	1.5	-	3,770	1,882,904	59,202	0.00377	11	20,000
Nov-16	52	192,400	62,457	3.9%	7.5	4.5	0.0	540,000	183,393	1.0	0.0	1.0	-	4,700	1,861,190	72,955	0.0047	26	54,500
Dec-16	36	133,200	45,237	4.1%	6.0	6.0	0.0	540,000	177,132	1.0	0.0	1.0	-	5,080	1,861,190	78,853	0.00508	15	37,500
Jan-17	68	173,000	56,748	3.9%	5.5	7.0	0.0	562,500	193,720	1.5	0.0	2.0	-	4,090	1,913,499	65,271	0.00409	5	12,500
Feb-17	59	218,300	61,994	3.4%	7.5	6.5	0.0	630,000	179,599	3.0	0.0	1.0	-	5,400	1,896,714	85,420	0.0054	41	102,500
Mar-17	33	122,100	34,808	3.4%	6.5	4.5	0.0	485,000	140,573	8.0	10.0	1.5	-	4,630	2,184,858	84,367	0.00463	8	20,000
Apr-17	59	218,300	61,994	3.4%	7.0	4.0	0.0	485,000	156,228	1.0	1.5	0.5	3,420	2,380	3,668,119	90,198	0.00295	45	116,000
May-17	51	188,700	59,556	3.5%	2.5	3.0	0.0	247,500	76,457	3.0	2.5	1.5	4,530	3,000	3,762,633	118,153	0.00377	33	82,500
Jun-17	75	277,500	85,724	3.7%	4.5	5.5	0.0	450,000	131,540	1.0	1.0	0.5	4,670	3,650	3,657,238	128,886	0.00416	43	107,500
Jul-17	20	74,000	21,631	3.5%	5.0	4.5	0.0	427,500	109,704	1.0	0.5	1.0	2,910	2,740	3,670,071	96,469	0.00283	41	103,500
Aug-17	39	144,300	37,030	3.1%	6.0	3.5	0.0	427,500	125,005	0.5	1.0	1.0	3,880	3,300	3,670,071	109,884	0.00359	48	122,000
Sep-17	16	59,200	17,311	3.5%	8.0	1.0	0.0	405,000	126,159	0.5	1.0	1.0	4,520	3,780	3,670,071	127,025	0.00415	10	23,500
Oct-17	20	74,000	23,051	3.7%	8.0	1.0	0.0	405,000	126,159	0.5	1.0	1.0	4,520	3,780	3,670,071	127,025	0.00415	10	23,500

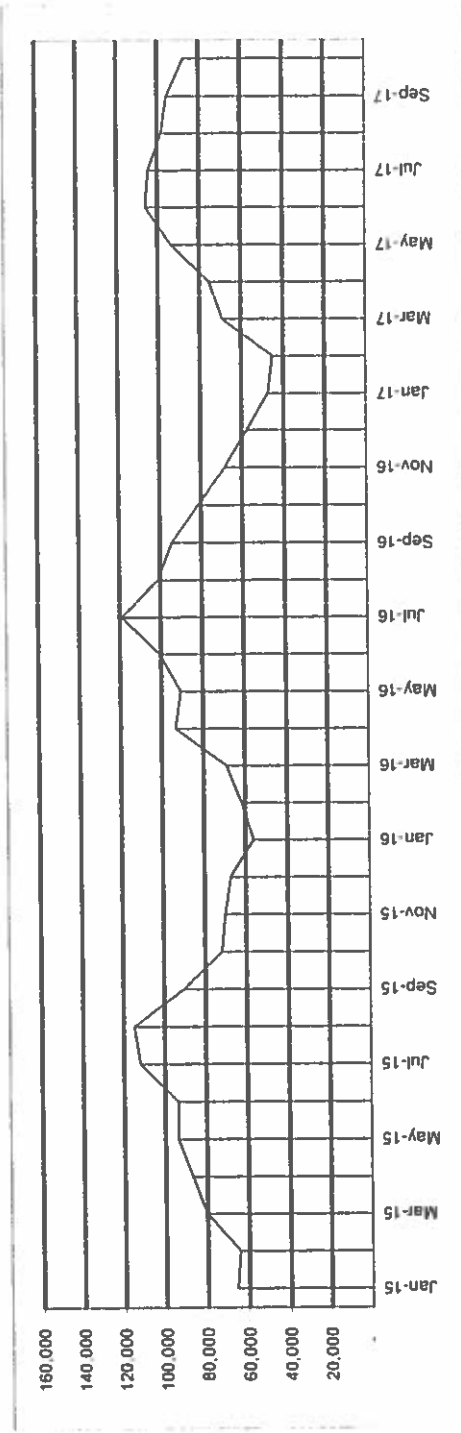


Electric Cost

	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
Mar-17	4233	69,210
Apr-17	4411	75,480
May-17	9413	93,494
Jun-17	9388	106,070
Jul-17	9310	104,700
Aug-17	9666	98,220
Sep-17	5246	95,470
Oct-17	4874	87,240



Kilowatts Used





**MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY**

Discharge Monitoring Report For Municipal Wastewater Treatment Plants

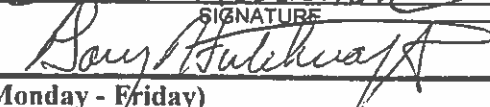
NAME OF FACILITY						LOCATION ADDRESS & CITY							COUNTY/REGION	
Lake of the Ozarks Regional WWTP #1						#3 Anderson Road							Miller/SWRO	
MONTH/YEAR		PERMIT NUMBER				OUTFALL NUMBER		TYPE TREATMENT FACILITY						
Oct-17		MO-0103241				#001		Oxidation Ditch/UV/Sludge Holding-sludge is land applied						
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	7.3			22	1.635	7.9				5.8		20.7		
2	7.4			22.4	1.536	8.0				6.0	81	21.4		
3	7.4			23	1.509	8.0				5.9		22.0		
4	7.4			22.2	1.540	8.0				5.6		22.4		
5	7.3			22.7	2.057	7.9			0.04	5.4		22.5		
6	7.4	128	158	22.6	1.646	8.0	0.9	1.0		5.6		22.3	99.3	99.4
7	7.5			22.7	1.682	8.0				6.2		22.5		
8	7.5			21.4	1.881	8.0				5.8		21.0		
9	7.4			21.7	1.680	7.9				5.8	0.4	21.7		
10	7.3			22.4	1.631	8.0				5.8		21.7		
11	7.5			21.4	1.505	8.0				6.5		19.9		
12	7.4			21.2	1.528	8.0			0.04	6.5		19.4		
13	7.4	130	136	21.2	1.488	8.0	1.0	1.2		6.7		19.5	99.2	99.1
14	7.4			21.8	1.615	7.9				6.0		20.9		
15	7.4			22.5	2.477	8.0				5.8		22.6		
16	7.4			20.1	1.851	7.9				5.8	1.1	19.4		
17	7.4			19.6	1.567	7.9				6.6		18.6		
18	7.5			18.6	1.472	8.0				7.3		17.1		
19	7.4			20.2	1.470	8.0			0.03	7.0		18.5		
20	7.3	123	128	19.9	1.596	8.0	1.0	0.9		6.8		18.2	99.2	99.3
21	7.2			21.5	1.598	7.9				6.5		19.2		
22	7.4			20.4	2.049	7.8				6.5		19.4		
23	7.5			20.1	2.228	7.9				5.6		18.9		
24	7.5			19.4	1.590	7.9				6.1	0.13	17.9		
25	7.4			19.1	1.485	8.0				6.4		16.9		
26	7.3			19.1	1.557	7.9			0.03	6.5		16.8		
27	7.4	183	206	18.5	1.548	7.8	1.2	2.7		6.1		16.3	99.3	98.7
28	7.4			16.7	1.608	7.9				6.1		16.3		
29	7.4			17.2	1.597	7.9				5.9		14.8		
30	7.3			18.3	1.450	7.8				7.0		15.1		
31	7.5			15.5	1.382	8.0				6.7	2.1	13.2		
Total					51.458									
Avg		141	157	20	1.660		1.0	1.5	0.04	6.2	1.3	19.3	99.3	99.1
Min	7.2	123	128	16	1.382	7.8	0.9	0.9	0.03	5.4	0.13	13.2	99.2	98.7
Max	7.5	183	206	23	2.477	8.0	1.2	2.7	0.04	7.3	81	22.6	99.3	99.4

MONTHLY MONITORING					QUARTERLY MONITORING					
DATE	Oil & Grease mg/L	Selenium µg/L	SM1 Hardness mg/L	SM2 Hardness mg/L	Phosphorus mg/L	SM1 Phosphorus mg/L	T. Nitrogen mg/L	SM1 T. Nitrogen mg/L	TR. Cadmium ug/L	TR. Copper µg/L
1										
2										
3										
4										
5										
6										
7										
8										
9										
10	< 5.0	< 1.0	307	333	3.2	< 0.10	32.9	< 0.10	< 5.0	< 10.0
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Total	< 5.0	< 1.0	307	333	3.2	< 0.10	32.9	< 0.10	< 5.0	< 10.0
Avg	< 5.0	< 1.0	307	333	3.2	< 0.10	32.9	< 0.10	< 5.0	< 10.0
Min	< 5.0	< 1.0	307	333	3.2	< 0.10	32.9	< 0.10	< 5.0	< 10.0
Max	< 5.0	< 1.0	304	333	3.2	< 0.10	32.9	< 0.10	< 5.0	< 10.0

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				Outside * 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		3.7	3,890	520	20.8	3.3	3,780	500	20.9	57	0	7:30
2	8,856	3.4	3,740	450	21	2.9	4,300	570	21.3	65	0	7:30
3		3.1	3,850	450	22	2.5	4,120	550	22.2	72	0	7:30
4		3.1	4,640	490	22.4	3	4,090	510	22.4	70	0.7	7:30
5		2.6	4,170	510	22.6	3	4,120	500	22.6	68	1.6	7:30
6		3.0	4,100	520	22.4	3	3,850	510	22.4	67	0	7:30
7		3.6	4,130	520	22.3	4.2	3,560	420	22.4	68	0	7:30
8		3.9	3,920	500	20.9	3.6	3,540	450	21	55	0.3	7:30
9		3.6	3,670	450	21.1	3	3,900	510	21.2	59	0	7:30
10		3.9	3,950	420	21.4	2.6	4,330	510	21.6	64	0.1	7:30
11		4.6	4,010	510	19.1	3.9	3,690	450	19.5	50	0.3	7:30
12	6,850	4.5	3,490	530	19	4.2	3,640	410	19.2	55	0	7:30
13		4.7	3,620	490	19.3	4.3	3,280	420	19.6	57	0	7:30
14		3.7	4,000	510	21	4	2,950	370	21	66	0	7:30
15		1.9	3,750	470	22.7	1.5	3,620	360	22.7	56	1.75	7:30
16		2.2	3,590	440	18.8	3.4	3,430	470	19.3	44	0	7:30
17		4.5	3,430	410	17.6	4.7	3,770	480	17.9	44	0	7:30
18		5.5	3,930	530	16.7	5.4	3,730	410	17.1	45	0	7:30
19		4.8	3,720	480	18	4.7	3,300	400	18.4	50	0	7:30
20		3.2	4,100	500	17.9	4.3	3,540	400	18.3	50	0	7:30
21		3.9	4,020	490	19	5	2,200	300	19.2	64	0	7:30
22		3.9	4,000	500	19.5	5	3,530	330	19.5	59	1.1	7:30
23		1.8	4,190	560	18.7	1.8	3,260	340	18.8	48	0.5	7:30
24		2.3	4,130	500	17.2	2.9	3,380	380	17.4	51	0	7:30
25		4.0	4,130	580	16.2	4.4	3,150	350	16.5	42	0	7:30
26		3.8	3,440	410	16.3	4.3	3,660	440	16.5	44	0	7:30
27		3.9	3,560	350	16	4.4	4,150	470	16.2	43	0	7:30
28		3.7	3,690	340	16.4	4.3	3,100	480	16.3	37	0	7:30
29		3.1	3,410	420	15.8	3.7	3,310	360	15.8	28	0	7:30
30		4.0	3,780	500	14.7	5	3,170	350	15.1	45	0	7:30
31	7,344	4.0	4,520	400	12.6	5	3,780	360	13.1	32	0	7:30

COMMENTS:

TESTS PERFORMED BY (PRINT) John Hornback	SIGNATURE 	PHONE # (573)365-0455	DATE 11/6/2017
REPORT APPROVED BY (PRINT) Gary Hutchcraft	SIGNATURE 	PHONE # (573)365-0455	DATE 11/6/2017

*Required Daily (Monday - Friday)

**Required 1/week

PERMITTEE NAME/ADDRESS

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 65807-5912
4178914300
4178914399 (fax)

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

MO0103241		001 A	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	YEAR
2017	10	01	2017 10 31

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS
BEFORE COMPLETING THIS FORM

Parameter		MASS	Unit	CONCENTRATION	Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
BOD, 5-day, 20 deg C (00310)	REPORTD	*****	*****	*****	1.2	1.0	Weekly	24 Hour Composite
Stage Type: End of Pipe	REQRMNT	*****	*****	*****	Weekly Average: 45	Monthly Average: 30	Weekly	24 Hour Composite
BOD, 5-day, percent removal (R1010)	REPORTD	*****	*****	*****	*****	99.3	Monthly	Calculated
Stage Type: End of Pipe	REQRMNT	*****	*****	*****	*****	Monthly Average Minimum: 85	Monthly	Calculated
Escherichia coli (E. coli) (S1640)	REPORTD	*****	*****	*****	81	1.3	Weekly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	*****	7 Day Geometric Mean: 630	30 Day Geometric Mean: 176	Weekly	Grab
Flow, in conduit or thru treatment plant (50050)	REPORTD	2.477	1.660	*****	*****	*****	Daily	Total Measured
Stage Type: End of Pipe	REQRMNT	Daily Maximum Monitoring Required	Monthly Average Monitoring Required	*****	*****	*****	Daily	Total Measured
Nitrogen, ammonia total (as N) (00610)	REPORTD	*****	*****	*****	.04	*****	Weekly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	*****	Daily Maximum: 11.5	Monthly Average: 2.7	Weekly	Grab
Oil and grease (soxhlet extr.) tot (00550)	REPORTD	*****	*****	*****	<5.0	*****	Monthly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	*****	Daily Maximum: 15	Monthly Average: 10	Monthly	Grab
pH (00400)	REPORTD	*****	*****	*****	7.8	*****	Weekly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	*****	Minimum: 6.5	Maximum: 9.0	Weekly	Grab

GENERAL PERMIT REQUIREMENTS OR COMMENTS
(OPTIONAL) - SPECIFIC COMMENTS
PARAMETER-SPECIFIC COMMENTS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my review of the permittee's permit and the information submitted, 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	
TYPED OR PRINTED NAME		CERTIFICATE NUMBER	
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE	
Gary F Hutchcraft	Gary F Hutchcraft	573-365-0455	
TYPED OR PRINTED NAME	SIGNATURE	Date	
		2017-11-06 10:27:10	

Page 1

PERMITTEE NAME/ADDRESS

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 65807-5912
4178914300
4178914399 (fax)

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

MO0103241		001 A	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	YEAR
2017	10	01	2017 10 31

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS
BEFORE COMPLETING THIS FORM

Parameter		MASS	Unit	CONCENTRATION	Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
Selenium (Se), total recoverable (00981)	REPORTD	*****	*****	*****	<1.0	*****	Monthly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	*****	Daily Maximum: 9.1	Monthly Average: 4.0	Monthly	Grab
Suspended Solids, percent removal (R1011)	REPORTD	*****	*****	*****	*****	99.1	Monthly	Calculated
Stage Type: End of Pipe	REQRMNT	*****	*****	*****	*****	Monthly Average Minimum: 85	Monthly	Calculated
Total Suspended Solids (TSS) (00530)	REPORTD	*****	*****	*****	2.7	1.5	Weekly	24 Hour Composite
Stage Type: End of Pipe	REQRMNT	*****	*****	*****	Weekly Average: 45	Monthly Average: 30	Weekly	24 Hour Composite

GENERAL PERMIT REQUIREMENTS OR COMMENTS
(OPTIONAL) - SPECIFIC COMMENTS
PARAMETER-SPECIFIC COMMENTS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my review of the permittee's permit and the information submitted, 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	
TYPED OR PRINTED NAME		CERTIFICATE NUMBER	
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE	
Gary F Hutchcraft	Gary F Hutchcraft	573-365-0455	
TYPED OR PRINTED NAME	SIGNATURE	Date	
		2017-11-06 10:27:10	

Page 2

PERMITTEE NAME/ADDRESS

State of Missouri
Department of Natural Resources

Dep. of Natural Resources
(REGIONAL OFFICE)

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

Southwest Regional Office
2040 W. Woodland
Springfield, MO 65807-5912
4178914300
4178914399 (fax)

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

MO0103241	SM2 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2017	10	01	2017	10	31

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS
BEFORE COMPLETING THIS FORM

Parameter	REPORTD	MASS	Unit	CONCENTRATION	Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
Hardness, total (as CaCO ₃) (00900)	REPORTD	*****		333	*****	333	Monthly	Grab
Stage Type: Instream Monitoring	REQRMNT	*****		Daily Maximum Monitoring Required	*****	Monthly Average Monitoring Required	Monthly	Grab

GENERAL PERMIT REQUIREMENTS OR COMMENTS
OR TREATMENT EFFLUENT COMMENTS
PARALLEL TREATMENT COMMENTS

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

OPERATOR IN RESPONSIBLE CHARGE			
Gary Hutchcraft		7305	
TYPED OR PRINTED NAME		CERTIFICATE NUMBER	
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE	
Gary F Hutchcraft		573-365-0455	
TYPED OR PRINTED NAME		2017-11-06 10:27:10	
SIGNATURE		Date	

Page 3

PERMITTEE NAME/ADDRESS

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 65807-5912
4178914300
4178914399 (fax)

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

MO0103241			001 B		
PERMIT NUMBER			DISCHARGE NUMBER		
MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2017	10	01	2017	12	31

NOTE: READ PERMIT AND OTHER RELEVANT INSTRUCTIONS BEFORE COMPLETING THIS FORM

Parameter		MASS	Unit	CONCENTRATION	Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
Cadmium, total recoverable (01113)	REPORTD	*****	*****	<5.0	*****	<5.0	Quarterly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	Daily Maximum Monitoring Required	*****	Monthly Average Monitoring Required	Quarterly	Grab
Copper, total recoverable (01119)	REPORTD	*****	*****	<10.0	*****	<10.0	Quarterly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	Daily Maximum Monitoring Required	*****	Monthly Average Monitoring Required	Quarterly	Grab
Nitrogen, total (as N) (00600)	REPORTD	*****	*****	32.9	*****	32.9	Quarterly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	Daily Maximum Monitoring Required	*****	Monthly Average Monitoring Required	Quarterly	Grab
Phosphorus, total (as P) (00665)	REPORTD	*****	*****	3.2	*****	3.2	Quarterly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	Daily Maximum Monitoring Required	*****	Monthly Average Monitoring Required	Quarterly	Grab

GENERAL PERMIT REQUIREMENTS OR COMMENTS
(R/T/ALJ) SPECIFIC COMMENTS
PARAMETER-SPECIFIC COMMENTS

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

Gary Hutchcraft		7305
TYPED OR PRINTED NAME		CERTIFICATE NUMBER
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE
Gary F Hutchcraft	Gary F Hutchcraft	573-365-0455
TYPED OR PRINTED NAME	SIGNATURE	Date
		2017-11-06 10:38:46

Page 1

PERMITTEE NAME/ADDRESS

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 65807-5912
4178914300
4178914399 (fax)

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

MO0103241			SM1 A		
PERMIT NUMBER			DISCHARGE NUMBER		
MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2017	10	01	2017	12	31

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING THIS FORM

Parameter		MASS	Unit	CONCENTRATION	Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
Nitrogen, total (as N) (00600)	REPORTD	*****	*****	<0.10	*****	<0.10	Quarterly	Grab
Stage Type: Instream Monitoring	REQRMNT	*****	*****	Daily Maximum Monitoring Required	*****	Monthly Average Monitoring Required	Quarterly	Grab
Phosphorus, total (as P) (00665)	REPORTD	*****	*****	<0.10	*****	<0.10	Quarterly	Grab
Stage Type: Instream Monitoring	REQRMNT	*****	*****	Daily Maximum Monitoring Required	*****	Monthly Average Monitoring Required	Quarterly	Grab

GENERAL PERMIT REQUIREMENTS OR COMMENTS
(R/T/ALJ) SPECIFIC COMMENTS
PARAMETER-SPECIFIC COMMENTS

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

Gary Hutchcraft		7305
TYPED OR PRINTED NAME		CERTIFICATE NUMBER
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE
Gary F Hutchcraft	Gary F Hutchcraft	573-365-0455
TYPED OR PRINTED NAME	SIGNATURE	Date
		2017-11-06 10:38:46

Page 2

LAKE OZAMUNDO BEACH WWTB

100% (CIC) 2017

ID	Date	Project Overview										Financial Performance										Operational Metrics										Overall Status
		Project ID	Start Date	End Date	Duration (Days)	Budget (USD)	Actual Cost (USD)	Variance (USD)	ROI (%)	Revenue (USD)	Profit (USD)	Units Produced	Quality Score	Defect Rate (%)	Customer Satisfaction	Market Share (%)	Competitor Analysis	Supply Chain Risk	Logistics Efficiency	Inventory Turnover	Production Cycle Time (Days)	Capacity Utilization (%)	Resource Allocation	Team Size	Training Hours	Compliance Score	Environmental Impact (CO2e)					
1	2023-01-15	001	2023-01-15	2023-06-30	166	1,200,000	1,150,000	50,000	15%	2,400,000	1,200,000	10,000	95%	0.5%	4.5	12%	Low	High	Medium	15	30	80%	20	120	1000	100						
2	2023-02-01	002	2023-02-01	2023-07-15	165	1,500,000	1,480,000	20,000	10%	3,000,000	1,500,000	12,000	92%	0.8%	4.2	15%	Medium	Medium	Low	20	35	75%	25	150	1200	120						
3	2023-03-10	003	2023-03-10	2023-08-20	173	1,800,000	1,750,000	50,000	20%	3,600,000	1,800,000	15,000	90%	1.0%	4.0	18%	High	Low	Medium	25	40	70%	30	180	1500	150						
4	2023-04-05	004	2023-04-05	2023-09-10	190	2,000,000	1,950,000	50,000	25%	4,000,000	2,000,000	18,000	88%	1.2%	3.8	20%	Medium	Medium	Low	30	45	65%	35	210	1800	180						
5	2023-05-01	005	2023-05-01	2023-10-01	183	2,200,000	2,150,000	50,000	30%	4,400,000	2,200,000	20,000	85%	1.5%	3.5	22%	Low	High	Medium	35	50	60%	40	240	2000	200						
6	2023-06-01	006	2023-06-01	2023-11-01	183	2,500,000	2,450,000	50,000	35%	5,000,000	2,500,000	22,000	82%	1.8%	3.2	25%	Medium	Medium	Low	40	55	55%	45	270	2200	220						
7	2023-07-01	007	2023-07-01	2023-12-01	183	2,800,000	2,750,000	50,000	40%	5,600,000	2,800,000	24,000	80%	2.0%	3.0	28%	High	Low	Medium	45	60	50%	50	300	2400	240						
8	2023-08-01	008	2023-08-01	2024-01-01	154	3,000,000	2,950,000	50,000	45%	6,000,000	3,000,000	26,000	78%	2.2%	2.8	30%	Medium	Medium	Low	50	65	45%	55	330	2600	260						
9	2023-09-01	009	2023-09-01	2024-02-01	154	3,200,000	3,150,000	50,000	50%	6,400,000	3,200,000	28,000	75%	2.5%	2.5	32%	Low	High	Medium	55	70	40%	60	360	2800	280						
10	2023-10-01	010	2023-10-01	2024-03-01	154	3,500,000	3,450,000	50,000	55%	7,000,000	3,500,000	30,000	72%	2.8%	2.2	35%	Medium	Medium	Low	60	75	35%	65	390	3000	300						
11	2023-11-01	011	2023-11-01	2024-04-01	154	3,800,000	3,750,000	50,000	60%	7,600,000	3,800,000	32,000	70%	3.0%	2.0	38%	High	Low	Medium	65	80	30%	70	420	3200	320						
12	2023-12-01	012	2023-12-01	2024-05-01	154	4,000,000	3,950,000	50,000	65%	8,000,000	4,000,000	34,000	68%	3.2%	1.8	40%	Medium	Medium	Low	70	85	25%	75	450	3400	340						
13	2024-01-01	013	2024-01-01	2024-06-01	154	4,200,000	4,150,000	50,000	70%	8,400,000	4,200,000	36,000	65%	3.5%	1.5	42%	Low	High	Medium	75	90	20%	80	480	3600	360						
14	2024-02-01	014	2024-02-01	2024-07-01	154	4,500,000	4,450,000	50,000	75%	9,000,000	4,500,000	38,000	62%	3.8%	1.2	45%	Medium	Medium	Low	80	95	15%	85	510	3800	380						
15	2024-03-01	015	2024-03-01	2024-08-01	154	4,800,000	4,750,000	50,000	80%	9,600,000	4,800,000	40,000	60%	4.0%	1.0	48%	High	Low	Medium	85	100	10%	90	540	4000	400						
16	2024-04-01	016	2024-04-01	2024-09-01	154	5,000,000	4,950,000	50,000	85%	10,000,000	5,000,000	42,000	58%	4.2%	0.8	50%	Medium	Medium	Low	90	105	5%	95	570	4200	420						
17	2024-05-01	017	2024-05-01	2024-10-01	154	5,200,000	5,150,000	50,000	90%	10,400,000	5,200,000	44,000	55%	4.5%	0.5	52%	Low	High	Medium	95	110	0%	100	600	4400	440						
18	2024-06-01	018	2024-06-01	2024-11-01	154	5,500,000	5,450,000	50,000	95%	11,000,000	5,500,000	46,000	52%	4.8%	0.2	55%	Medium	Medium	Low	100	115	0%	105	630	4600	460						
19	2024-07-01	019	2024-07-01	2025-01-01	183	5,800,000	5,750,000	50,000	100%	11,600,000	5,800,000	48,000	50%	5.0%	0.1	58%	High	Low	Medium	105	120	0%	110	660	4800	480						
20	2024-08-01	020	2024-08-01	2025-02-01	183	6,000,000	5,950,000	50,000	105%	12,000,000	6,000,000	50,000	48%	5.2%	0.0	60%	Medium	Medium	Low	110	125	0%	115	690	5000	500						
21	2024-09-01	021	2024-09-01	2025-03-01	183	6,200,000	6,150,000	50,000	110%	12,400,000	6,200,000	52,000	45%	5.5%	0.0	62%	Low	High	Medium	115	130	0%	120	720	5200	520						
22	2024-10-01	022	2024-10-01	2025-04-01	183	6,500,000	6,450,000	50,000	115%	13,000,000	6,500,000	54,000	42%	5.8%	0.0	65%	Medium	Medium	Low	120	135	0%	125	750	5400	540						
23	2024-11-01	023	2024-11-01	2025-05-01	183	6,800,000	6,750,000	50,000	120%	13,600,000	6,800,000	56,000	40%	6.0%	0.0	68%	High	Low	Medium	125	140	0%	130	780	5600	560						
24	2024-12-01	024	2024-12-01	2025-06-01	183	7,000,000	6,950,000	50,000	125%	14,000,000	7,000,000	58,000	38%	6.2%	0.0	70%	Medium	Medium	Low	130	145	0%	135	810	5800	580						
25	2025-01-01	025	2025-01-01	2025-07-01	183	7,200,000	7,150,000	50,000	130%	14,400,000	7,200,000	60,000	35%	6.5%	0.0	72%	Low	High	Medium	135	150	0%	140	840	6000	600						
26	2025-02-01	026	2025-02-01	2025-08-01	183	7,500,000	7,450,000	50,000	135%	15,000,000	7,500,000	62,000	32%	6.8%	0.0	75%	Medium	Medium	Low	140	155	0%	145	870	6200	620						
27	2025-03-01	027	2025-03-01	2025-09-01	183	7,800,000	7,750,000	50,000	140%	15,600,000	7,800,000	64,000	30%	7.0%	0.0	78%	High	Low	Medium	145	160	0%	150	900	6400	640						
28	2025-04-01	028	2025-04-01	2025-10-01	183	8,000,000	7,950,000	50,000	145%	16,000,000	8,000,000	66,000	28%	7.2%	0.0	80%	Medium	Medium	Low	150	165	0%	155	930	6600	660						
29	2025-05-01	029	2025-05-01	2025-11-01	183	8,200,000	8,150,000	50,000	150%	16,400,000	8,200,000	68,000	25%	7.5%	0.0	82%	Low	High	Medium	155	170	0%	160	960	6800	680						
30	2025-06-01	030	2025-06-01	2025-12-01	183	8,500,000	8,450,000	50,000	155%	17,000,000	8,500,000	70,000	22%	7.8%	0.0	85%	Medium	Medium	Low	160	175	0%	165	990	7000	700						
31	2025-07-01	031	2025-07-01	2026-01-01	183	8,800,000	8,750,000	50,000	160%	17,600,000	8,800,000	72,000	20%	8.0%	0.0	88%	High	Low	Medium	165	180	0%	170	1020	7200	720						
TOTAL						6,332,429,489,231	6,282,548,646,548	50,882,842,634																								
Average						6,332,429,489,231	6,282,548,646,548	50,882,842,634																								

Date 11/06/2011

1

up pa validity

1

1

1

296

Use `fullnames` abbreviations `names`, `lastnames`, `firstnames` and `initials`

Page left intentionally blank

CAPITAL IMPROVEMENT ITEM DESCRIPTIONS
For Consideration
BUDGET YEAR 2018

TIER 1

				Notes
1. Annual fee for Mission autodialer (software fee)	(estimated)	\$500		Annual Fee
2. Regular Plant & Vehicle Maintenance	\$8,000 & \$3,000 (estimated)	\$11,000		Annual Maint
3 UV Bulbs, Quartz Sleeves and Spare Parts	(estimated)	\$8,000		Annual Maint
4 Sandblast and paint Clarifier #3	(estimated)	\$95,000		New
5 Replacement ducking skimmer arm actuator for Clarifier #1	(estimated)	\$9,000		New
6 Replacement LED parking lot/area lighting	(estimated)	\$9,000		New
7 Replacement impellers for RAS pumps, a couple per year	(estimated)	\$7,500		New - Carryover
8. Replacement doors for electrical panel in RAS building	(estimated)	\$2,000		New - Carryover
9. Rebuild Ducking Skimmer Arm & Arm Supports on Clarifier #2	(estimated)	\$5,000		if not purchased in 2017 New - Carryover
10 Expanded Effluent Testing for Permit Renewal for next renewal	(estimated)	\$1,500		New
11. Replace wooden doors w/ fiberglass doors, a couple per year	(estimated)	\$2,000		New - Carryover
12 Rock for the Road	(estimated)	\$2,000		Annual Maint.
13. Painting of RAS room/pipe gallery & valve pits at lift stations	(estimated)	\$7,000		New - Carryover
Estimated Tier 1 Total		\$159,500		if not complete in 2017

TIER 2

1. 350 kw Back-up diesel generator & 1000 amp transfer switch New Installed	(estimated)	\$200,000		New - Carryover
	Used (estimated)	\$100,000		
2. Take #2 Aeration Basin down, removal of grill by Contractor and repair valves and required lab testing on grill.	(estimated)	\$100,000		New
		\$190,000 to \$300,000		
Estimated Tier 2 Total				

Informational TIER 3

1 New 4 wheel drive pickup w/ snow plow	(estimated)	\$35,000		New - Carryover
2 Option 1 - New replacement highway style sludge truck w/ 3500 gallon tank	(estimated)	\$165,000		New - Carryover
Option 2 - New 6 wheel drive sludge truck w/ flotation type tires w/ 3000 gallon tank	(estimated)	\$180,000		New - Carryover
Estimated Tier 3 Total		\$200,000 to \$215,000		

LAKE OZARK - OSAGE BEACH JOINT SEWER TREATMENT PLANT
2018 BUDGET WORKSHEET
REVENUE

Operating Fund	2015 Actual	2016 Actual	2017 Budget	2017 10/31/2017	2017 Nov/Dec	2017 Total Est.	2018 Proposed	2018 Proposed
3020 Osage Beach	477,172.03	475,802.57	473,000.00	398,723.97	79,776.03	478,500.00	478,500.00	87%
3010 Lake Ozark	72,827.98	74,197.42	77,000.00	59,609.35	11,890.65	71,500.00	71,500.00	13%
3100 Interest	54.79	368.52	200.00	667.94	100.00	767.94	500.00	
3060 Waste Haulers' Fee	32,400.00	33,460.00	35,000.00	29,100.00	4,500.00	33,600.00	34,500.00	
Total Operating Fund	582,454.80	583,828.51	585,200.00	488,101.26	96,266.68	584,367.94	585,000.00	
Equipment Replace.								
Transfers-Operating	41,606.04	41,606.04	41,606.04	34,670.17	6,934.34	41,604.51	41,606.04	
Interest Revenue	2,188.83	2,847.67	1,500.00	1,301.47	300.00	1,601.47	2,300.00	
Total E.R. Revenue	43,794.87	44,453.71	43,106.04	35,971.64	7,234.34	43,205.98	43,906.04	

LAKE OZARK - OSAGE BEACH JOINT SEWER TREATMENT PLANT
2018 BUDGET WORKSHEET
EXPENDITURES

	2015 Actual	2016 Actual	2017 Budget	2017 10/31/2017	2017 Nov/Dec	2017 Total Est.	2018 Proposed	2018 Proposed
4000 Equip. Replace Fund	41,608.04	41,608.04	41,604.00	34,670.17	6,934.00	41,604.17	41,604.00	
4020 Equip & Bldg. Repair/Maint.	33,878.90	18,735.50	28,000.00	120,402.64	12,072.48	132,475.12	115,000.00	*
4140 Insurance	16,306.00	16,977.00	17,500.00	17,144.00	-	17,144.00	17,600.00	3% +
4150 Vehicle Repair/Maint.	1,508.78	951.93	8,000.00	6,452.94	3,855.39	10,308.33	3,000.00	***
4160 Haulers Fees to Contractor	8,000.00	8,000.00	8,000.00	8,000.00	-	8,000.00	8,000.00	
4170 Contract Management	296,233.08	303,638.88	312,750.00	259,358.20	51,871.64	311,229.84	320,566.84	
4175 Electric	76,751.19	72,637.17	77,000.00	60,649.01	9,874.43	70,523.44	75,000.00	3% +
4200 Audit	2,000.00	2,158.50	2,200.00	2,200.00	-	2,200.00	2,300.00	
4220 Professional Services	2,369.99	9,207.94	0.00	1,200.00	-	1,200.00	1,200.00	
4240 Equipment Purch-New Generator	0.00	0.00	150,000.00	-	-	-	-	
Total Operating Fund	478,653.98	473,912.96	645,054.00	510,076.96	84,607.94	594,684.90	734,270.84	
E/R Expenses per Alliance	1,869.72	7,980.42	26,500.00	6,539.71	2,000.00	8,539.71	67,500.00	**
Disinfectin System	-	-	-	-	-	-	-	
Total E.R. Fund	1,869.72	7,980.42	26,500.00	6,539.71	2,000.00	8,539.71	67,500.00	
TOTAL EXPENSES	480,523.70	481,893.38	671,554.00	516,616.67	86,607.94	603,224.61	801,770.84	
*Maintenance & Repair								
Pickup 4x4 w/snow plow	35,000.00						500.00	Tier 1
Replace Actuator	9,000.00						1,500.00	Tier 1
Replace ducking skimmer arm	5,000.00						8,000.00	Tier 1
Replace wooden doors	2,000.00						8,000.00	Tier 1
Replace LED parking lot light	9,000.00						2,000.00	Tier 1
Replace impellers for RAS pump	7,500.00						95,000.00	Tier 1
	67,500.00						115,000.00	
***Vehicle Repair/Maint								
Vehicle Maintenance	3,000.00							Tier 1
	3,000.00							

ESTIMATED FUND BALANCES

OPERATING FUND

BALANCE 1/1/17	289,117.00
TOTAL ESTIMATED REVENUE	584,367.94
TOTAL ESTIMATED EXPENSES/TRANSFERS	<u>(594,684.90)</u>
BALANCE 12/31/17	278,800.04
TOTAL ESTIMATED REVENUE	585,000.00
TOTAL ESTIMATED EXPENSES/TRANSFERS	<u>(734,270.84)</u>
BALANCE 12/31/18	<u>129,529.20</u>

EQUIPMENT REPLACEMENT FUND

BALANCE 1/1/17	487,257.00
TOTAL ESTIMATED REVENUE/TRANSFERS	43,205.98
TOTAL ESTIMATED EXPENSES	<u>(8,539.71)</u>
BALANCE 12/31/17	521,923.27
TOTAL ESTIMATED REVENUE/TRANSFERS	43,906.04
TOTAL ESTIMATED EXPENSES	<u>(67,500.00)</u>
BALANCE 12/31/18	<u>498,329.31</u>