

**OSAGE BEACH / LAKE OZARK
JOINT SEWER BOARD MEETING
AMENDED AGENDA
JULY 17, 2018 @ 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, Greg Massey
Public Works Director, Osage Beach, Nick Edelman
Public Works Director, Lake Ozark, Matt Michalik
Resident Member, Mr. Gary Hamner

3. MINUTES

Page Numbers

Regular Meeting; June 19, 2018 3-4

4. REPORTS

Bill List	5-16
Revenue Budget Analysis	17
Expenditure Budget Analysis	19
Income & Expense Summary	21
Check Registers & Bank Statements	23-25
June 2018 Alliance Report of Operations	27-42
Approval of June Flow Chart	

5. OLD BUSINESS

- A. Report of Contract Review Sub Committee
- B. Discussion and possible action regarding the Generator Project.

6. NEW BUSINESS:

- A. Review of 2017 Joint Sewer Audit prepared by Gerding, Korte & Chitwood CPA's
- B. Discussion and possible action regarding termination notice of current contract

7. ADDITIONAL DISCUSSION ITEMS

8. ADJOURNMENT

THE NEXT MEETING WILL BE August 21, 2018, 4:00 PM @ LAKE OZARK CITY HALL

LAKE OZARK-OSAGE BEACH
JOINT SEWER BOARD
Meeting Minutes – June 19, 2018

CALL TO ORDER:

Mayor Johnnie Franzeskos called the meeting to order at 4:00pm on Tuesday, June 19, 2018 at Osage Beach City Hall

ROLL CALL:

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

MINUTES:

Alderman Murawski motioned to approve the meeting minutes of May 15, 2018. The motion was seconded by Mr. Hamner. The motion passed unanimously.

REPORTS:

Mayor Olivarri motion to approve the May Bills List. The motion was seconded by City Administrator Jeana Woods. The motion passed unanimously.

The May Revenue Budget, Expenditure Budget Analysis, Income & Expense Summary and Check Registers and Bank Statements were reviewed. Motion was made by Alderman Gerry Murawski to acknowledge the review of the documents. Seconded by Public Works Director Nick Edelman. Motion passed unanimously.

Alliance Report of Operations: The average daily incoming flow for May was 1.782 mgd. We had 5.4 inches of precipitation measured at the WWTP in May.

Operationally, the plant's discharge was excellent, with an effluent monthly average BOD of 1.9 mg/l and TSS of 1.8 mg/l respectively for May, which represents a 99.2% or better removal.

The MLSS average for both aeration basins was 5,755 mg/l in May. The total dry weight sludge inventory for May totaled 307,321 pounds. There were 93 tanker loads of biosolids or 344,100 gallons land applied in May. We also received 10 tanker loads or 24,500 gallons of septage for the month of May.

APPROVAL OF FLOW CHART

Motion was made by Public Works Director Nick Edelman to approve the Flow Chart, seconded by Lake Ozark City Administrator Dave Van Dee, motion passed unanimously.

OLD BUSINESS:

- A. Report of Contract renewal committee to consider the Alliance Contract. Public Works Director Edelman advised that bids will be in to the Lake Ozark City Clerk on Friday June 22, 2018. Public Works Directors Nick Edelman and Matt Michalik had a tour with 3 perspective vendors and Alliance. The Sub Committee will review the qualifications and depending on number of applicants, will set it up for interviews. Public Works Director Edelman advised they will possibly schedule a special meeting to go over the head firms that interview and make selection based on that.
- B. Report of action on RFQ's regarding the generator project. Public Works Director Edelman stated they need to meet again to discuss further. He advised that the 1 firm that is most qualified, they still have questions for. He advised that he along with Public Works Director Michalik will be meeting to discuss and try to finalize. They will report it at the next meeting.

NEW BUSINESS:

- A. Discussion and possible action on the ducking skimmer arm actuator on clarifier #1. Mr. Gary Hutchcraft advised it has been worked on numerous times and they have exhausted all avenues of repair. They have received a bid to replace from Baker Hughes for \$9546.00. Public Works Director Nick Edelman motion to approve the purchase, seconded by Mayor Olivarri, motion passed unanimously.

ADJOURNMENT:

With no further business to discuss, a motion to adjourn was made by Alderman Murawski. His motion was seconded by Osage Beach City Administrator Jeana Woods and was passed unanimously. The meeting adjourned at 4:14 pm.

Approved On: July 17, 2018

Mayor, Johnnie Franzekos

City Collector, Trisha Kane

JOINT SEWER BOARD
BILL LIST
JULY 17, 2018

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:
OPERATING FUND BILLS TO BE PAID:

OPERATING FUND BILLS TO BE PAID:

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

\$ -
\$ 46,976.18
\$ -
\$ -

TOTAL

\$ 46,976.18

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:

Account Number	Description	Amount
4185 3668 Ameren MO	June Service	\$ 11,386.78
4000 3669 Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.00
4170 3670 Alliance Water Resources, Inc.	Management Fee	\$ 26,584.22
4160 3671 Alliance Water Resources, Inc.	Hauled Waste	\$ 1,900.00
4020 3672 Alliance Water Resources, Inc.	Drying bed & gear oil	\$ 1,250.68
4150 3672 Alliance Water Resources, Inc.	replace glass 1985 GMC	\$ 87.50
4200 3673 Gerding, Korte & Chitwood CPAs	Audit 2017	\$ 2,300.00
		\$ -

TOTAL

\$ 46,976.18

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 4580005832
Customer Name ALLIANCE WATER RESOURCES INC
Service Address 3 ANDERSON RD, -
LAKE OZARK, MO 65049

Current Detail for Statement 07/10/2018

Total Electric Charges \$11,052.62

Total Amount Due \$11,052.62

AMOUNT DUE \$11,052.62

Due Date 07/31/2018

Amount After Due Date \$11,218.41

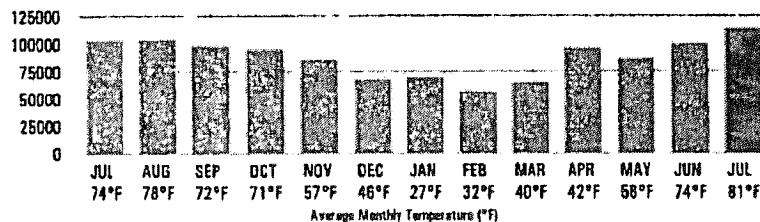
Previous Statement \$9,975.55

Total Payments \$9,975.55

Payment Received. Thank You.

Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year, you're using 22.7% MORE than last year.

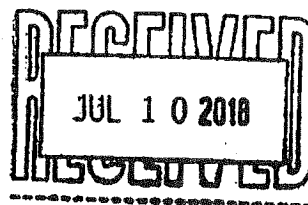
2017 476,160 kWh

2018 584,320 kWh

Usage from Jan-Jul for 2017 & 2018

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
\$11,052.62	07/31/2018
Delinquent Amount After Due Date	Account Number
\$11,218.41	4580005832

Amount Enclosed \$

>000153 2345147 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 000011052620 000011052620



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 Ameren payment processing center

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Electric Service Details

Service from 06/06/2018 - 07/08/2018 (32 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
11873321	06/08 - 07/08	32	Total kWh	Actual	47753.0000	47046.0000	707.0000	160.0000	113120.0000
11673321	06/08 - 07/08	32	Peak kW	Actual	13.890	13.890	0.0000	160.0000	222.2000

Usage Summary

Total kWh	113120.0000	Peak kW	222.2000
Billing Demand	222.2000	Total Billing Demand	222.2000

Rate 3M Large General Service

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Demand Charge	222.20	kW	@ \$ 5.40000000	\$1,188.88
Energy Charge/Hours Used	33,330.00	kWh	@ \$ 0.10580000	\$3,526.31
Energy Charge/Hours Used	44,440.00	kWh	@ \$ 0.07860000	\$3,537.42
Energy Charge/Hours Used	35,350.00	kWh	@ \$ 0.05350000	\$1,881.23
Customer Charge				\$85.07
Fuel Adjustment Charge	113,120.00	kWh	@ \$ 0.00231000	\$261.31
Energy Efficiency Program Charge	113,120.00	kWh	@ \$ 0.00030000	\$33.94
Energy Efficiency Investment Charge	113,120.00	kWh	@ \$ 0.00448600	\$507.46
Total Service Amount				\$11,052.62
Total Electric Charges				\$11,052.62

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
June 26, 2018	\$9,975.55

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



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AMERENMISSOURI.COM/
PAYSTATION



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CREDIT CARD



MAIL
STUB & CHECK



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Ameren payment processing center

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

Current Detail for Statement 07/10/2018

Total Electric Charges \$334.16

Total Amount Due \$334.16

AMOUNT DUE \$334.16

Due Date 07/31/2018

Amount After Due Date \$338.17

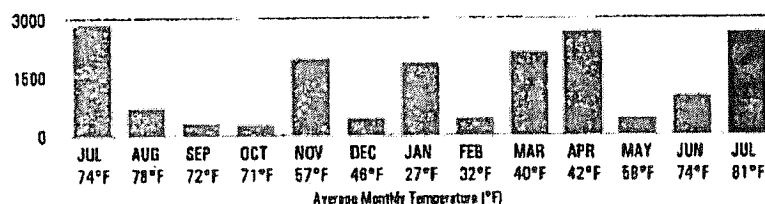
Previous Statement \$140.34

Total Payments \$140.34

Payment Received. Thank You.

Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year, you're using 41.7% less than last year.

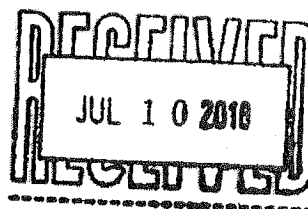
2017 19,070 kWh

2018 11,110 kWh

Usage from Jan-Jul for 2017 & 2018

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.

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Page 1 of 4



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Amount Due	Due Date
\$334.16	07/31/2018
Delinquent Amount After Due Date	Account Number
\$338.17	5580005920

Amount Enclosed \$

>000267 2345147 0002 092139 102

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

AMEREN MISSOURI
PO BOX 88068
CHICAGO IL 60680-1068

90633000 0055800059200 000000334160 000000334160



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

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Electric Service Details

Service from 06/06/2018 - 07/08/2018 (32 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
88041275	06/06 - 07/08	32	Total kWh	Actual	17343.0000	17080.0000	263.0000	10.0000	2630.0000
88041276	06/06 - 07/08	32	Peak kWh	Actual	4.7100	0.0000	4.7100	10.0000	47.1000

Usage Summary

Total kWh 2630.0000

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

Threshold - Peak Demand

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Total Energy Charge	2,630.00	kWh	@ \$ 0.11200000	\$284.56
Customer Charge				\$21.43
Fuel Adjustment Charge	2,630.00	kWh	@ \$ 0.00231000	\$6.08
Energy Efficiency Program Charge	2,630.00	kWh	@ \$ 0.00010000	\$0.26
Energy Efficiency Investment Charge	2,630.00	kWh	@ \$ 0.00448800	\$11.83
Total Service Amount				\$334.16
Total Electric Charges				\$334.16

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
June 28, 2018	\$140.34

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

Page 2 of 4

Address Changes or Corrections

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

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E-CHECK



PHONE
866.268.3729



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



ONLINE
CREDIT CARD



MAIL
STUB & CHECK

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

SOLO TO:

Lake Ozark/Osage Beach Joint Utility Board
 c/o Karri Bell
 City of Osage Beach
 1000 City Parkway
 Osage Beach, MO 65066

INVOICE

Invoice No: 7900
Invoice Date: 1-Jul-18
Customer No: 20220
Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Wastewater Plant operating service for month of: Jul-2018 Base Fee	\$26,584.22
TOTAL DUE		\$26,584.22

Alliance Water Resources, Inc.

Professional Water and Wastewater Operations

206 South Keene Street
Columbia, Missouri 65201

(573) 874-8080 Fax (573) 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: 7899

Invoice Date: 30-Jun-18

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Hauled waste payments for the month of Jun-2018 38 Hauled Waste Loads @ \$50.00 each	\$1,900.00
TOTAL DUE		\$1,900.00

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: 7901
 Invoice Date: 1-Jul-18
 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
	Dam Steel & Supply - Invoice # 908231 - 50%	\$243.43
	Jefferson City Oil - Invoice #633390 - 100%	\$1,007.25
	Mark's Mobile Glass - workorder # WOB313073 - 50%	\$87.50
TOTAL DUE		\$1,338.18

DAM STEEL & SUPPLY, INC.
530 HIGHWAY D
OSAGE BEACH, MO 65065

INVOICE

DATE 6/1/2018 INVOICE NO. 908231

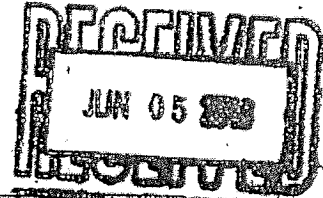
(573) 348-1306

BILL TO:

Alliance Water Resources Inc.
P. O. Box 1965
Lake Ozark, MO 65049

SHIP TO:

ORDERED BY GARY
216-8398



P.O. NUMBER	TERMS	REP	SHIP	VIA	FOB	PROJECT
ALGAE STRAINER	Net 30 Due By 10th	ATM	6/1/2018			
QUANTITY	ITEM CODE	DESCRIPTION	PRICE EACH	AMOUNT		
16.67	ALEX1/2X4X8	1/2" X 4' X 8' ALUMINUM EXPANDED	8.00	133.36		
15	ALAN1/8X2X2	1/8" X 2" X 2" ALUMINUM ANGLE	2.50	37.50		
8	ALAN1/8X11/2	1/8" X 1 1/2" X 1 1/2" ALUMINUM ANGLE	2.00	16.00		
4	SHOP LABOR	SHOP LABOR	75.00	300.00		
		Sales Tax	5.725%	27.87		
FOR ALGAE DRYING BED @ UV CHANNEL GL Acct#: <u>6705-20 \$271.30</u> <u>1220-20 \$243.43</u> Signature: <u><i>[Signature]</i></u> <u>4000</u> Date: <u>6/5/18</u>						
Thank you for your business. We appreciate it very much!!				TOTAL	\$514.73	



1601 CHRISTY DR. P.O. BOX 576, JEFFERSON CITY, MO 65102
PHONE: (573) 634-2025 FAX: (573) 634-5248

Mobil®

CUSTOMER ACCT#		10624P		PHONE (573) 365-0455		DATE 6/27/2018	
NAME		Alliance Water				R-s-Lake	
ADDRESS		PO Box 1985				3 Anderson Rd.	
CITY / STATE		Lake Ozark, Mo				65049	
DELIVERED TO				TERMS			
CASH	CHECK#	C.O.D.	CHARGE	ON ACCT.	MOSE RETD	PAID OUT	CUSTOMER ORDER NO. (P.O.#)
GALLONS/POUNDS	COUNT	PKG. SIZE	PRODUCT			PRICE	AMOUNT
	1	400lb Drum	Mobil gear 600 XP			903.34	903.34
			320				
	1614	10 tubes	Mobil Polyrex EM#2			53.97	53.97
			Grease Tubes				
	1		Lubri-Matic 4000 Series Acton			49.94	49.94
			Dispenser #55-440				
DRUM DEPOSIT						SUB TOTAL	
NO.	TYPE	SIZE	PRICE	AMOUNT			
1	Steel	55	20.00	20.00		1007.25	
SALES TAX 7.72%						77.81	
DRUM DEPOSIT						+ 20.00	
DRUM RETURNS						- 20.00	
TOTAL						1085.06	
CUSTOMER SIGNATURE						SALESMAN SIGN HERE	

On approved credit purchases, unless otherwise noted on this invoice, payment is due by the 10th of the month following first statement billing. Any future unpaid balance on this invoice is then subject to a FINANCE CHARGE of a monthly periodic rate of 1.5% (annual rate 18%).

LONE VENDOR

GL Acct#: 1220-20

Signature: _____

Date:

RECEIVED
JUN 27 2011

GEAR OIL

4020

Mark's Mobile Glass

Copy 1

Federal Tax ID: 43-1763931

Remit To: 607 DIX ROAD, JEFFERSON CITY, MO 65109 PH: (573) 348-3900 FAX: (573) 365-7721

P/O#:
Taken By: Holly
Installer:

Cust State Tax ID:
Cust Fed Tax ID:
Ship Via:

Workorder: WOB313073

Date: 6/7/2018
Time: 08:35 AM

SalesRep:

Adv. Code: Other

Bill To: Walk-In

Sold To: Walk-In

ALLIANCE WATER RESOURCES
3 ANDERSON RD
LAKE OZARK, MO 65049

ALLIANCE WATER RESOURCES
3 ANDERSON RD
LAKE OZARK, MO 65049

(573) 216-8398

Vehicle Information

Make: GMC

Model Style: Series 50-65-70 2 Door Convention

Year: 1985

Odometer:

VIN:

License:

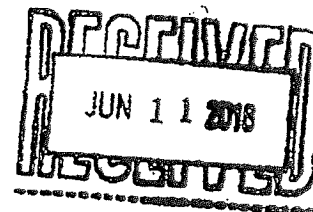
Qty	Part Number	Description	List	Disc%	Sell	Total
1	DD06315GTNNCOM	Door-(Front, Right)	\$174.85	57	\$75.00	\$75.00
1	100F	100 Flat (Flat Rate)	\$100.00	0	\$100.00	\$100.00

Installation Type: Mobile

Install Date: 06/11/18 AM

Instructions:

WE HAVE CARD ON FILE
RUN BEFORE WE GO



REPLACED BROKEN PASSANGER SIDE DOOR
WINDOW

GL Acct#: 6702-20 \$93.11 1220-20 \$87.50

Signature: *[Handwritten Signature]*

4150

Date: 6/11/18

AUTHORIZATION TO PAY

I hereby authorize the above repair work to be done, along with the necessary material, and hereby grant you and/or your employees permission to operate the vehicle herein described on street, highways, and elsewhere for the purpose of inspection, testing, and pick-up/delivery to me. AN EXPRESS MECHANIC'S UEN is also acknowledged on the above vehicle to secure the amount of repairs thereto. Mark's Mobile Glass is not responsible for loss or damage to vehicle or articles therein by causes beyond our control. REPLACEMENT HAS BEEN MADE TO MY SATISFACTION AND I HEREBY ASSIGN SUCH PROCEEDS AS MAY BE REQUIRED TO SATISFY ALL AMOUNTS DUE AND OWING TO THE ABOVE NAMED COMPANY FOR SAID INSTALLATION IF FOR ANY REASON THE INSURANCE COMPANY DOES NOT PAY FOR THESE REPAIRS/REPLACEMENTS, THE ABOVE SIGNED AGREES TO PAY FOR SAID REPAIRS/REPLACEMENTS IN FULL. Payment is due by the 10th of the month. A service charge of 1.5% will be assessed on invoices more than 30 day past due, annual percentage rate 18%.

Sub Total: \$175.00

Tax: \$5.61

Customer's Signature: _____ Cash

Total: \$180.61



06/28/18

GERDING, KORTE & CHITWOOD CPAS

Professional Corporation • Certified Public Accountants

723 Main Street
Boonville, Missouri 65233
660-882-7000 FAX 660-882-7765

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

We accept Mastercard, Visa & Discover

FOR PROFESSIONAL SERVICES:

AUDIT OF FINANCIAL STATEMENTS FOR THE
YEAR ENDED DECEMBER 31, 2017

TOTAL DUE \$2,300.00

C 26018

ACCOUNTS UNPAID AFTER 30 DAYS WILL BE SUBJECT TO A FINANCE CHARGE OF 1½% PER MONTH.

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

Account Number	Account Name	6/30/2018						Percent YTD
		2013 Actual	2016 Actual	2017 Actual	2018 Budget	2018 Actual as of 6/30/2018	2018 June Revenue	
3020	Osage Beach	452,145.77	475,802.57	478,614.41	478,500.00	241,565.86	40,113.95	50%
3010	Lake Ozark	92,854.22	74,197.42	71,385.58	71,500.00	33,434.12	5,719.38	47%
3100	Interest	34.50	368.52	781.57	500.00	574.99	77.88	115%
3060	Waste Haulers' Fee	41,460.00	33,460.00	30,500.00	34,500.00	8,280.00	3,800.00	24%
Total Operating Fund		586,494.49	583,828.51	581,281.56	585,000.00	283,854.97	49,711.21	49%
E/R Fund Income		1,320.11	2,847.67	2,319.07	2,300.00	1,016.89	120.04	44%
TOTAL INCOME		587,814.60	586,676.18	583,600.63	587,300.00	284,871.86	49,831.25	49%

MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
6/30/2018

Account Number	Account Name	2016 Actual	2017 Actual	2018 Budget	2018 Actual as of 6/30/2018	2018 June Expenses	Percent YTD
4000	Equipment Replace Fund	41,606.04	41,604.17	41,604.00	20,802.17	3,467.00	50%
4010	ERF Repayment	0.00	0.00	0.00	0.00	0.00	0%
4020	*Maintenance & Repair	18,735.50	129,789.11	115,000.00	3,459.07	222.84	3%
4140	Insurance	16,977.00	17,144.00	17,600.00	17,402.25	0.00	99%
4150	Vehicle Repair/Maint	951.93	12,047.61	3,000.00	1,083.91	829.68	36%
4160	Haulers Fees to Contractor	8,000.00	8,000.00	8,000.00	2,240.00	490.00	28%
4170	Contract Management	303,638.88	311,229.84	320,566.84	159,505.32	26,584.22	50%
4185	Electric	72,637.17	69,261.90	75,000.00	32,597.57	10,115.89	43%
4190	Bank Charges	14.85	24.35	0.00	0.00	0.00	0%
4200	Audit	2,158.50	2,200.00	2,300.00	0.00	0.00	0%
4220	Professional Service	9,193.09	1,200.00	1,200.00	0.00	0.00	0%
4240	Capital Purchases	0.00	0.00	150,000.00	0.00	0.00	0%
	Totals	473,912.96	592,500.98	734,270.84	237,090.29	41,709.63	32%
	**E/R Expenses	7,980.42	7,554.68	67,500.00	0.00	0.00	0%
	TOTAL EXPENSES	481,893.38	600,055.66	801,770.84	237,090.29	41,709.63	30%

****Equipment & Replacement**

Pickup 4X4 w/snow plow	35,000.00
Replace Actuator	9,000.00
Replace ducking skimmer arm	5,000.00
Replace wooden doors	2,000.00
Replace LED parking lot lights	9,000.00
Replace impellers for RAS pump	7,500.00
	<u>67,500.00</u>

***Maintenance & Repair**

Auto Dialer Yrly Software Fee	500.00
Effluent Testing for Permit Renewal	1,500.00
Normal Maintenance	8,000.00
UV Spare Parts	8,000.00
Rock for Road	2,000.00
Sandblast & paint Clarifier #3	95,000.00
	<u>115,000.00</u>

OPERATING FUND INCOME AND EXPENSE SUMMARY
6/30/2018

Beginning Balance	316,660.68
Income - Osage Beach	40,113.95
Income - Lake Ozark	5,719.38
Income - Other	-
Income - Waste Haulers' Fees	3,800.00
Interest - Checking	77.88
Income - CD Interest	-
Transfers From E/R Fund	-
Transfers to E/R Fund	(3,467.00)
Expenses	(38,242.63)
Ending Fund Balance	324,662.26
Central Bank - NOW Acct.	173,195.55
First Bank of the Lake - Money Mkt.	101,115.79
CD St. Elizabeth, 3/19 #400886	50,350.92
Outstanding Checks:	-
Deposit in Transit:	-
	324,662.26

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
6/30/2018

Beginning Balance	541,857.93
Interest - Checking	120.04
Income - CD Interest	-
Transfers From E/R Fund	3,467.00
Transfers to E/R Fund	-
Income - Miscellaneous	-
Expenses	-
Ending Fund Balance	545,444.97
First Bank of the Lake - Money Mkt.	190,305.59
CD Providence Bank, 7/18 #1268880	202,323.18
CD First Bank of the Lake, 01/18 #101318429	102,465.28
CD St. Elizabeth, 3/19 #485431	50,350.92
Deposit in Transit	-
Outstanding Checks:	-
	545,444.97

E/N



Central Bank of Lake of the Ozarks

MEMBER FDIC

P.O. Box 4500, Jefferson City, MO 65102
(573) 348-2761

RETURN SERVICE REQUESTED

OSB011001 011 OSB001

Starting July 1, 2018, Free Small Business Checking accounts will be assessed a Funds Usage Fee for any days the collected balance is negative. This rate can fluctuate. The current Funds Usage Fee is 8.50%.

LAKE OZARK OSAGE BEACH JOINT SEWER
TREATMENT PLANT BOARD
1000 CITY PKWY
OSAGE BEACH MO 65066-3058

Period 06/01/2018 - 06/29/2018 Page 1 of 3

Web Address
www.centralbank.net

M

Your Financial Summary on June 29, 2018

Bank Deposit Accounts:	Bank Deposits	Totals
Checking	\$ 98,195.55	
Certificates of Deposit	\$ 75,000.00	
Bank Deposit Total		\$ 173,195.55
Total Assets:	\$ 173,195.55	\$ 173,195.55

Detailed Explanation of Account Balances and Other Assets

Basic Plus Interest Checking

No. 000007297	Beginning Balance May 31, 2018	\$ 165,258.93
Deposits		
June 19 Deposit		5,719.38
June 19 Deposit		40,113.95
June 27 Deposit		3,800.00
June 29 Interest Earned		12.92
	Total	+\$ 49,646.25
Checks		
Check No.	Date Paid	Amount
3663	June 27	10,115.89
3664	June 22	3,467.00
3665	June 21	28,584.22
	Total	-\$ 41,708.63
Withdrawals and other charges		
Date	Type	Transaction Description
June 04	CD Issued	000150784
		75,000.00
	Total	-\$ 75,000.00
	Ending Balance June 29, 2018	\$ 98,195.55

Operating Fund
CHECK REGISTER - JOINT SEWER BOARD OPERATION FUND

	reconciled balance 1/31/18			138,724.27
3640	Ameren MO	X	3,639.68	-
3641	Equipment Replacement Fund	X	3,467.00	
3642	Alliance Water Resources, Inc.	X	26,584.22	
3643	Alliance Water Resources, Inc.	X	250.00	
3644	Alliance Water Resources, Inc.	X	245.39	
3645	JCI Industries	X	1,800.00	
3646	Lake Sun Leader	X	65.25	
	Deposit LO	X	-	5,093.81
	Deposit OB	X		40,739.52
	Deposit	X		1,600.00
	Interest	X		17.26
	reconciled balance 2/28/18			150,123.32
3647	Ameren MO	X	4,206.50	-
3648	Equipment Replacement Fund	X	3,467.00	
3649	Alliance Water Resources, Inc.	X	26,584.22	
3650	Alliance Water Resources, Inc.	X	800.00	
3651	Naught Naught	X	16,587.00	
	Deposit LO	X	-	5,450.82
	Deposit OB	X		40,382.51
	Deposit	X		600.00
	Interest	X		19.65
	reconciled balance 3/31/18			144,931.58
3652	Ameren MO	X	5,666.54	-
3653	Equipment Replacement Fund	X	3,467.00	
3654	Alliance Water Resources, Inc.	X	26,584.22	
3655	Alliance Water Resources, Inc.	X	300.00	
3656	Alliance Water Resources, Inc.	X	277.36	
3657	Naught Naught	X	750.00	
	Deposit LO	X	-	6,069.57
	Deposit OB	X		39,763.76
	Deposit	X		800.00
	Interest	X		19.23
	reconciled balance 4/30/18			154,539.02
3658	Ameren MO	X	5,059.79	-
3659	Equipment Replacement Fund	X	3,467.00	
3660	Alliance Water Resources, Inc.	X	26,584.22	
3661	Alliance Water Resources, Inc.	X	400.00	
3662	Alliance Water Resources, Inc.	X	603.23	
	Deposit LO	X	-	5,974.53
	Deposit OB	X		39,858.80
	Deposit	X		980.00
	Interest	X		20.82
	reconciled balance 5/31/18			165,258.93
3663	Ameren MO	X	10,115.89	-
3664	Equipment Replacement Fund	X	3,467.00	
3665	Alliance Water Resources, Inc.	X	26,584.22	
3666	Alliance Water Resources, Inc.	X	490.00	
3667	Alliance Water Resources, Inc.	X	1,052.52	
	Deposit LO	X	-	5,719.38
	Deposit OB	X		40,113.95
	Deposit	X		3,800.00
	Interest	X		12.92
	reconciled balance 6/30/18			173,195.55

JSB - CHECK REGISTERS 2018

CHECK REGISTER - JOINT SEWER BOARD EQUIPMENT REPLACEMENT FUND

reconciled balance 1/31/18			273,211.34
Interest	X	157.40	273,368.74
Deposit	X	3,467.00	276,835.74
reconciled balance 2/28/18			276,835.74
Interest	X	171.22	277,006.96
Deposit	X	3,467.00	280,473.96
reconciled balance 3/31/18			280,473.96
Interest	X	179.44	280,653.40
Deposit	X	3,467.00	284,120.40
reconciled balance 4/30/18			284,120.40
Interest	X	181.98	284,302.38
Deposit	X	3,467.00	287,769.38
reconciled balance 5/31/18			287,769.38
Interest	X	185.00	287,954.38
Deposit	X	3,467.00	291,421.38
reconciled balance 6/30/18			291,421.38

**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 June 2018

Submitted by Alliance Water Resources, Inc. for the

July 2018

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 Colonies/100 ml	Coliform	Ammonia as N mg/L	O&G mg/L	Metals Selenium ug/L
Monthly Average	1.3	1.3	N/A	< 20		0.12	< 5.0	< 1.0
Peak Day	1.6	1.9	8.1	< 20		0.16	< 5.0	< 1.0
Percent Removal	99.3	99.6	N/A	N/A		N/A	N/A	N/A

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	N/A		1.1	10	4.0
Weekly Average	45	45		N/A				
Daily Max						6.0	15	8.1

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 1.940 MGD or 65% of Permitted flow with Lake Ozark contributing 12% of the total flow and Osage Beach contributing 88%. 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 94243 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 88 tanker loads of bio-solids during the month equivalent to a total of 325,600 gallons and 97,758 pounds dry weight solids.

222,547 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 427,500 gallons with a level of 4.0 feet in Tank 1 and 5.5 feet in Tank 2.

WASTEHAULERS

The plant received 38 loads of septage during the month totaling 95,000 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Antero Maintenance Data Management schedule. (New version of Operator 10 Software)
- When we were changing the gear lube in the aerators this month we noticed that aerator #6 gear box was leaking out the top seal, so we shut it down and ordered some replacement seals which will have to be shipped out of Europe and could take up to 6 to 8 weeks before delivery.

SAFETY

- We conducted our monthly routine Safety Meeting on Work Area Protection on the 26th of June.

REGULATORY AGENCY, INSPECTION AND REPORTS

- We filled out the EDMR on MDNR's website on the 6th of July.
- We took and shipped our Annual Acute WET test on the 6th of June and received the lab results on the 20th and passed with 100% survival of both species which is excellent.

MISCELLANEOUS AND RECOMMENDATIONS

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF June 2018

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-Jun	0	0.220	1.599	1.819	12.1	87.9	225	163	165	178	128	194
2-Jun	0	0.235	1.694	1.929	12.2	87.8						
3-Jun	0	0.297	1.728	2.025	14.7	85.3						
4-Jun	0	0.247	1.616	1.863	13.3	86.7						
5-Jun	0	0.196	1.503	1.699	11.5	88.5						
6-Jun	0	0.190	1.585	1.775	10.7	89.3						
7-Jun	0	0.209	1.583	1.792	11.7	88.3						
8-Jun	0	0.230	1.725	1.955	11.8	88.2	175	150	333	144	132	726
9-Jun	0	0.260	1.783	2.043	12.7	87.3						
10-Jun	0	0.293	1.889	2.182	13.4	86.6						
11-Jun	0	0.247	1.711	1.958	12.6	87.4						
12-Jun	0.6	0.218	1.679	1.897	11.5	88.5						
13-Jun	0	0.206	1.578	1.784	11.5	88.5						
14-Jun	0	0.207	1.612	1.819	11.4	88.6						
15-Jun	0.0	0.211	1.709	1.920	11.0	89.0	223	90	168	162	96	206
16-Jun	0	0.262	1.891	2.153	12.2	87.8						
17-Jun	0	0.289	1.880	2.169	13.3	86.7						
18-Jun	0	0.242	1.793	2.035	11.9	88.1						
19-Jun	0	0.205	1.602	1.807	11.3	88.7						
20-Jun	0	0.201	1.546	1.747	11.5	88.5						
21-Jun	0.25	0.199	1.576	1.775	11.2	88.8						
22-Jun	0.4	0.228	1.581	1.809	12.6	87.4	188	203	160	260	138	208
23-Jun	0	0.251	1.635	1.886	13.3	86.7						
24-Jun	0	0.265	1.805	2.070	12.8	87.2						
25-Jun	0	0.277	1.741	2.018	13.7	86.3						
26-Jun	0.4	0.218	1.604	1.822	12.0	88.0						
27-Jun	1.5	0.281	1.969	2.250	12.5	87.5						
28-Jun	0	0.231	1.763	1.994	11.6	88.4						
29-Jun	0	0.233	1.780	2.013	11.6	88.4	155	123	145	130	120	206
30-Jun	0	0.277	1.903	2.180	12.7	87.3						
SUM	3.2	7.125	51.063	58.188								
AVG		0.238	1.702	1.940	12	88	193	146	194	175	123	308
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

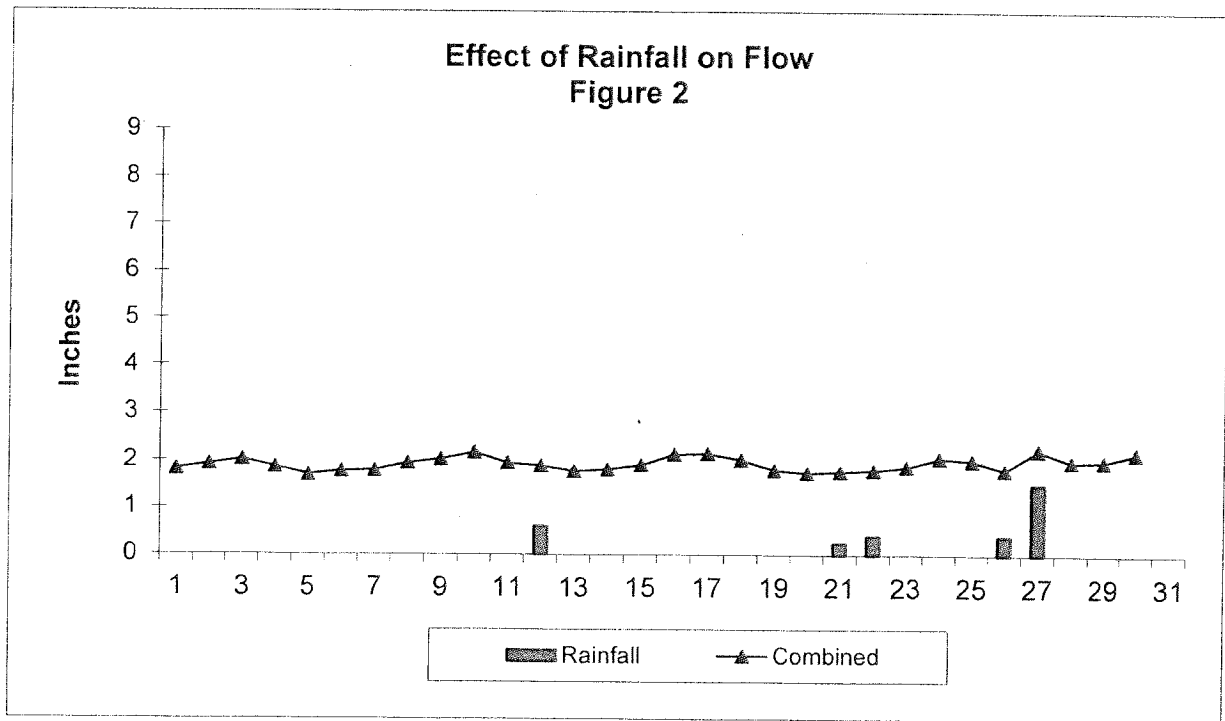
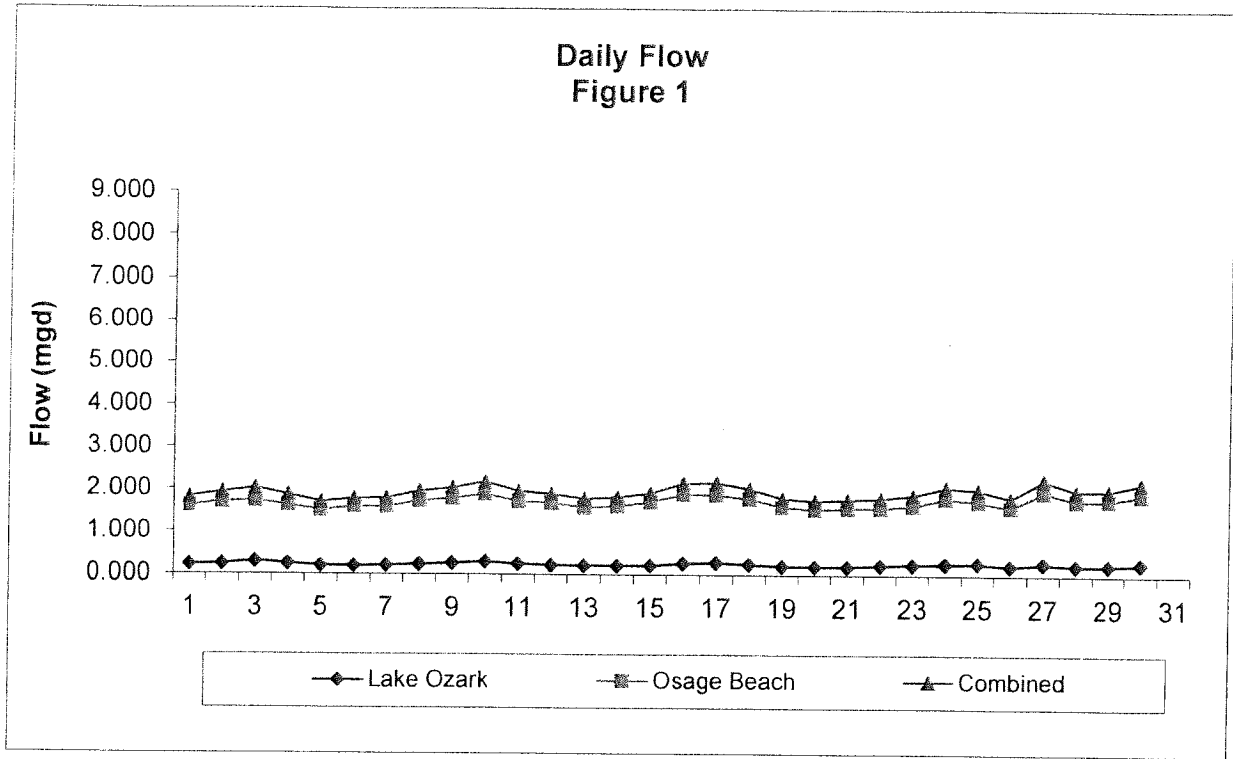
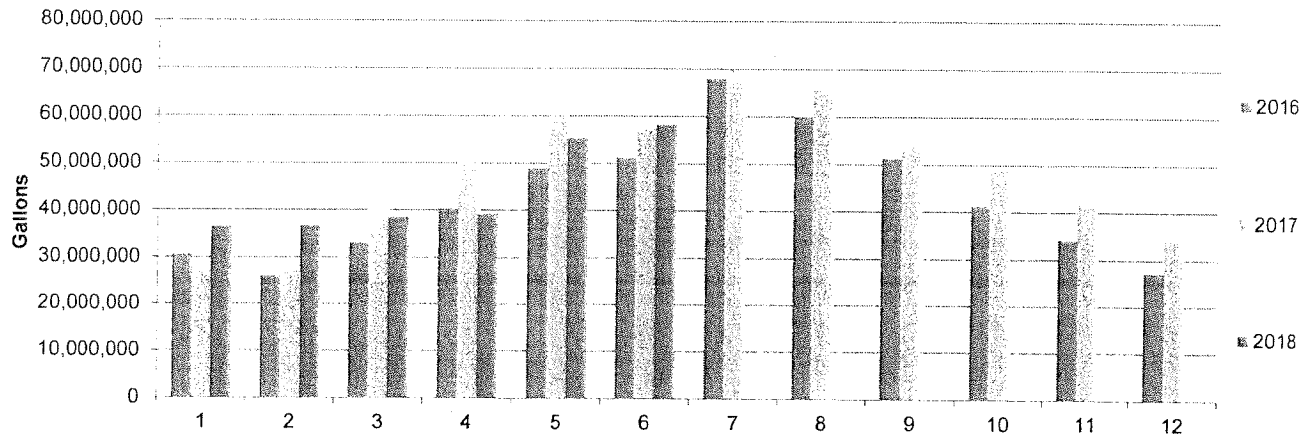


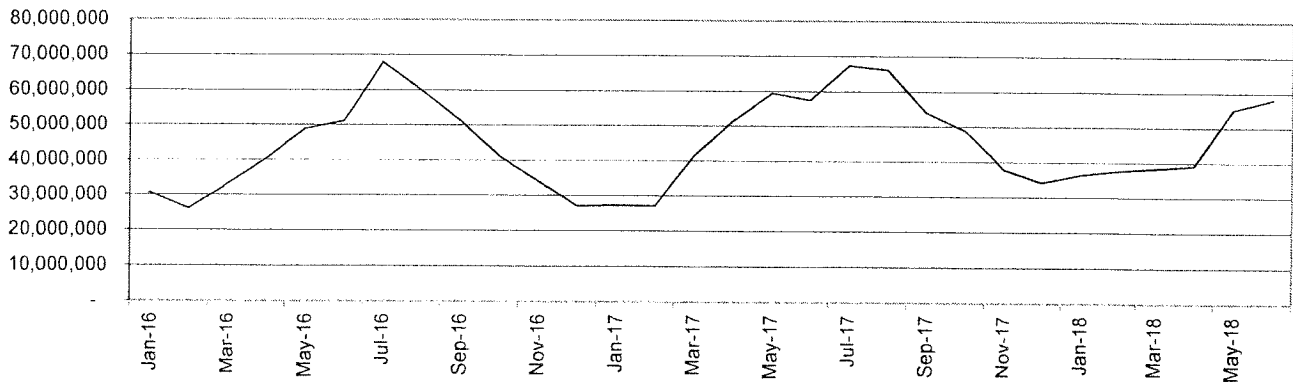
TABLE B
JOINT SEWER BOARD
Monthly Flows

<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	0.5	37,947,000	90%	4,244,000	10%	42,191,000	100%
December	0.9	30,459,000	89%	3,808,000	11%	34,267,000	100%
	55.6	505,531,000	88%	71,636,000	12%	577,167,000	100%
<u>2018</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	2.8	32,190,000	88%	4,345,000	12%	36,535,000	100%
February	5.4	31,846,000	87%	4,861,000	13%	36,707,000	100%
March	3.2	33,424,000	87%	5,010,000	13%	38,434,000	100%
April	1.9	34,339,000	88%	4,896,000	12%	39,235,000	100%
May	5.4	47,620,000	86%	7,610,000	14%	55,230,000	100%
June	3.2	51,063,000	88%	7,125,000	12%	58,188,000	100%
July							
August							
September							
October							
November							
December							
	21.9	230,482,000	87%	33,847,000	13%	264,329,000	100%

Monthly Influent Flow
Figure 3A

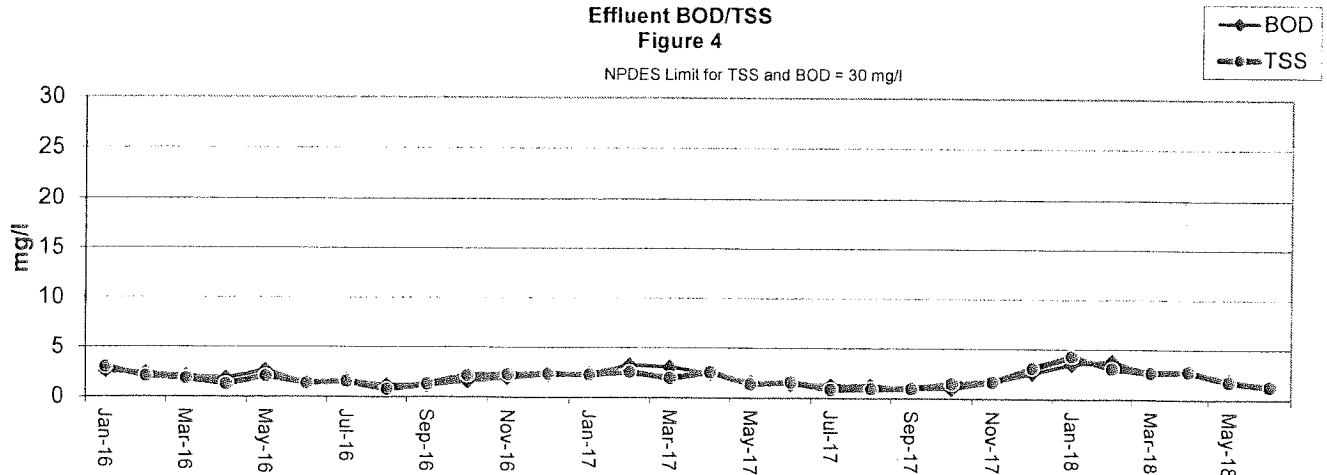


Monthly Influent Flow
Figure 3B

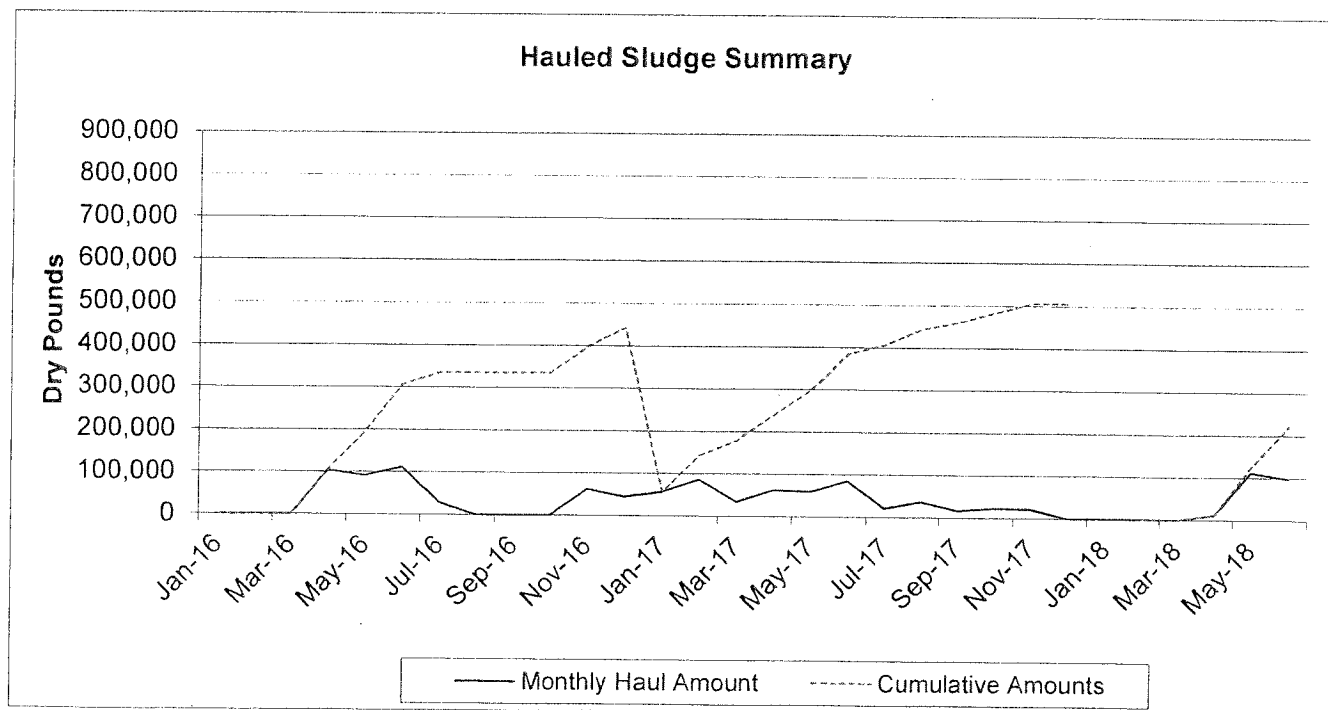
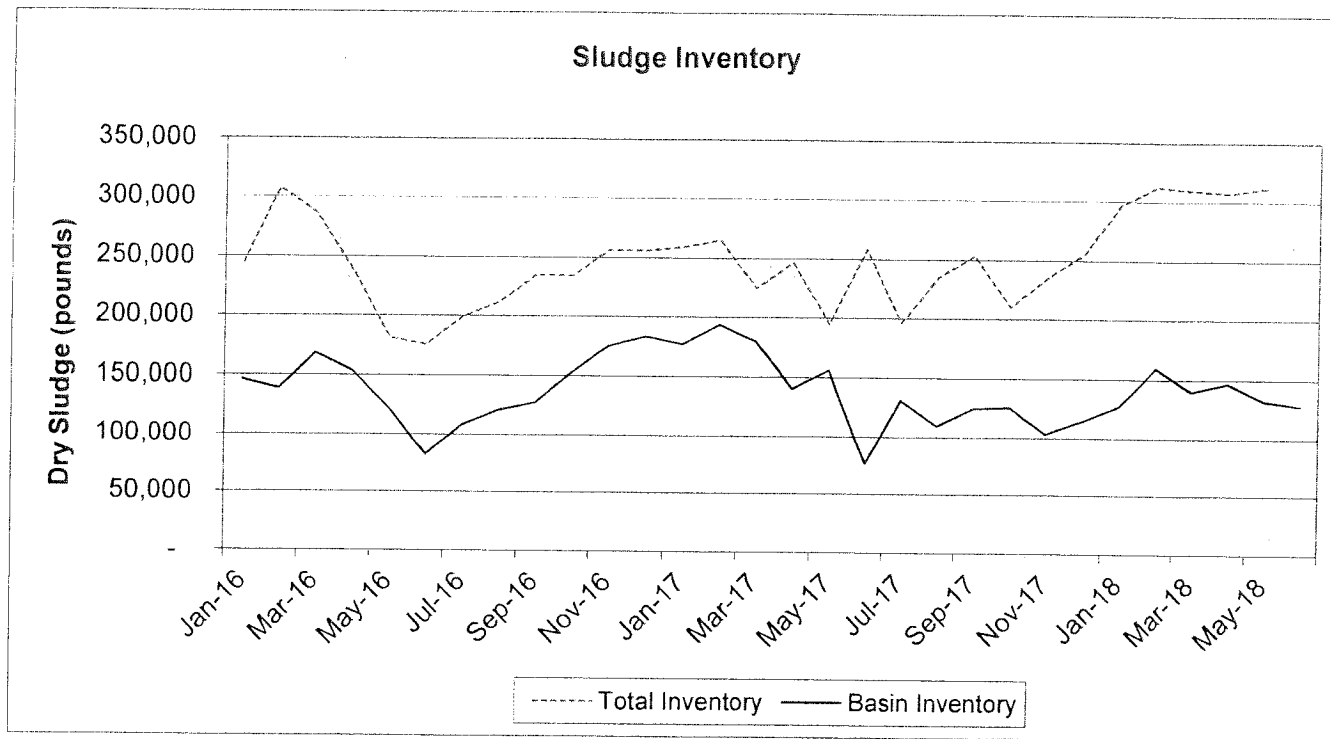


Effluent BOD/TSS
Figure 4

NPDES Limit for TSS and BOD = 30 mg/l

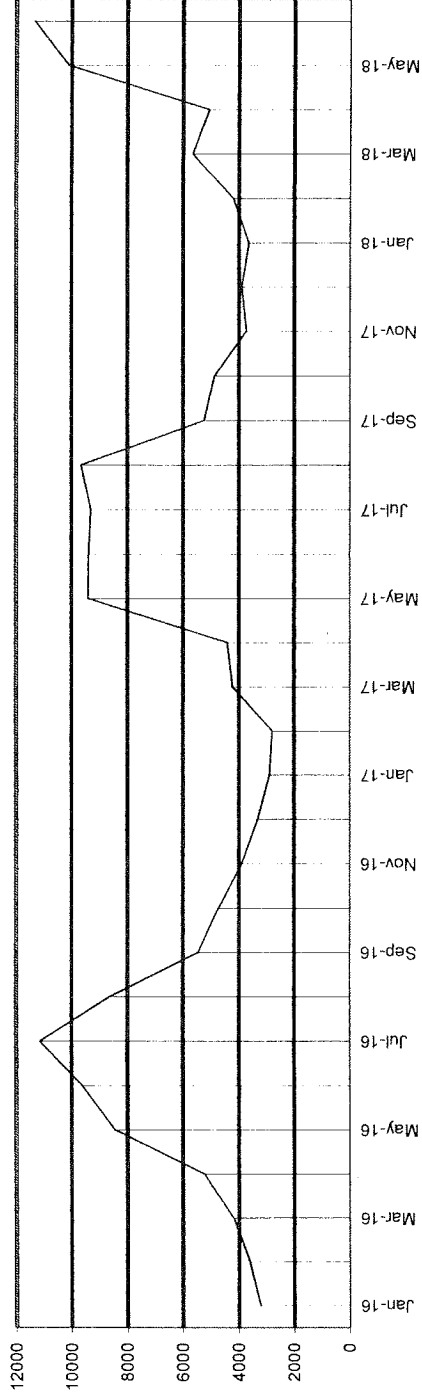


Basin Depths										Blanket Depths										MLSS Inventory										Blanket and MLSS Inventory										MLSS	Total Dry
Tank #1		Tank #2		AB #1		AB #2		# Dry		Clar #1		Clar #2		Clar #3		MLSS AB #1		MLSS AB #2		Gallons		# Dry		MLSS Inventory		# Dry		% Solids		Accepted Septage Loads		Gallons									
Jan-16	0	-	-	0	3.9%	5.0	5.0	0.0	450,000	148,367	0.5	0.5	0.0	3.610	3.610	3.610	3.617	762	111,184	0.00369	257,551	22	55,000																		
Feb-16	0	-	-	0	3.9%	6.0	3.5	0.0	427,500	139,049	1.0	1.0	0.0	3.210	3.210	3.210	3.635	524	105,211	0.00347	244,260	6	15,000																		
Mar-16	0	-	-	0	3.9%	6.0	5.5	0.0	517,500	168,322	2.0	2.0	1.0	4.670	4.320	4.320	3.714	476	139,249	0.00445	307,571	44	110,000																		
Apr-16	86	318,200	103,652	3.9%	5.5	5.0	0.0	0.0	472,500	159,914	2.5	2.5	1.0	5.540	3.180	3.180	3.732	238	132,600	0.00426	286,515	6	15,000																		
May-16	77	284,900	91,185	3.8%	5.5	3.0	0.0	0.0	382,500	122,423	1.0	5.0	1.0	3.770	3.670	3.670	3.750	000	116,343	0.00372	238,766	40	100,000																		
Jun-16	99	366,300	111,706	3.7%	6.0	0.0	0.0	0.0	270,000	82,339	1.5	1.0	1.5	2.570	3.840	3.840	3.709	547	99,155	0.00321	181,494	30	75,000																		
Jul-16	28	103,600	29,408	3.4%	4.5	4.0	0.0	0.0	382,500	108,577	1.0	1.0	1.0	1.740	2.630	2.630	3.678	952	67,041	0.00219	175,618	46	111,000																		
Aug-16	0	-	-	0	3.4%	6.0	3.5	0.0	427,500	121,222	1.0	1.0	1.0	2.880	2.220	2.220	3.678	952	78,240	0.00255	199,462	43	96,000																		
Sep-16	0	-	-	0	3.4%	5.0	5.0	0.0	450,000	137,602	1.0	1.0	1.0	2.800	2.690	2.690	3.678	952	84,223	0.00275	211,825	42	94,500																		
Oct-16	0	-	-	0	3.4%	6.5	5.5	0.0	540,000	153,122	1.0	1.0	1.0	1.740	3.600	3.600	3.678	952	81,922	0.00267	235,045	35	75,500																		
Nov-16	52	192,400	62,457	3.9%	6.5	5.5	0.0	0.0	540,000	175,285	1.0	0.0	1.5	-	3.770	1,862,904	59,202	0.00377	234,497	11	20,000																				
Dec-16	36	133,200	45,237	4.1%	7.5	4.5	0.0	0.0	540,000	183,393	1.0	0.0	1.0	-	4,700	1,861,190	72,955	0.0047	256,348	26	54,500																				
Jan-17	47	173,000	56,748	3.9%	6.0	6.0	0.0	0.0	540,000	177,132	1.0	0.0	2.0	-	5,080	1,861,190	78,853	0.00508	255,986	15	37,500																				
Feb-17	68	251,600	86,649	4.1%	5.5	7.0	0.0	0.0	562,500	193,720	1.5	0.0	2.0	-	4,090	1,913,499	65,271	0.00409	258,991	5	12,500																				
Mar-17	33	122,100	34,808	3.4%	7.5	6.5	0.0	0.0	630,000	179,599	3.0	0.0	1.0	-	5,400	1,896,714	85,420	0.0054	265,019	41	102,500																				
Apr-17	59	218,300	61,994	3.4%	6.5	4.5	0.0	0.0	495,000	140,573	8.0	10.0	1.5	-	4,630	2,184,858	84,367	0.00463	224,939	8	20,000																				
May-17	51	188,700	59,556	3.8%	7.0	4.0	0.0	0.0	495,000	156,228	1.0	1.5	0.5	3.420	2,480	3,666,119	90,198	0.00295	246,426	45	116,000																				
Jun-17	75	277,500	85,724	3.7%	2.5	3.0	0.0	0.0	247,500	76,457	3.0	2.5	1.5	4.530	3,000	3,762,833	118,153	0.00377	194,610	33	82,500																				
Jul-17	20	74,000	21,631	3.5%	4.5	5.5	0.0	0.0	450,000	131,540	1.0	1.0	0.5	4.670	3,650	3,657,238	126,886	0.00416	258,426	43	107,500																				
Aug-17	39	144,300	37,030	3.1%	5.0	4.5	0.0	0.0	427,500	109,704	1.0	0.5	1.0	2.910	2,740	3,670,071	86,469	0.00283	196,173	41	103,500																				
Sep-17	16	59,200	17,311	3.5%	6.0	3.5	0.0	0.0	427,500	125,068	0.5	1.0	1.0	3.880	3,300	3,670,071	109,884	0.00359	234,892	48	122,000																				
Oct-17	20	74,000	23,051	3.7%	8.0	1.0	0.0	0.0	405,000	126,158	0.5	1.0	1.0	4.520	3,780	3,670,071	127,025	0.00415	253,182	10	23,500																				
Nov-17	20	74,000	21,292	3.4%	4.5	3.5	0.0	0.0	360,000	103,583	1.0	1.5	0.5	2.890	4,060	3,666,119	106,250	0.00348	209,832	7	17,500																				
Dec-17	0	-	-	0	3.4%	6.0	3.0	0.0	405,000	114,842	1.0	1.5	1.0	3.880	4,120	3,687,833	119,950	0.0039	234,792	7	17,500																				
Jan-18	0	-	-	0	3.4%	5.5	4.5	0.0	450,000	127,602	0.5	1.0	0.0	4.390	4,040	3,626,643	127,488	0.00422	255,090	5	12,500																				
Feb-18	0	-	-	0	3.4%	7.5	5.0	0.0	562,500	159,503	2.0	4.0	1.0	4.880	3,920	3,750,000	137,610	0.0044	297,113	16	40,000																				
Mar-18	0	-	-	0	3.4%	5.5	5.5	0.0	495,000	140,362	0.5	0.5	0.5	5.580	5,780	3,639,476	172,406	0.00568	312,769	6	15,000																				
Apr-18	11	40,700	12,096	3.6%	5.0	6.0	0.0	0.0	495,000	147,114	0.5	0.5	0.5	5.670	5,040	3,639,476	162,542	0.00536	308,665	8	20,000																				
May-18	93	344,100	112,693	3.9%	4.5	4.5	0.0	0.0	495,000	128,638	0.5	0.5	0.5	5.963	5,547	3,639,476	174,683	0.00576	307,321	10	24,500																				
Jun-18	88	325,000	97,758	3.6%	4.0	5.5	0.0	0.0	427,500	128,589	4.0	3.0	1.0	6.190	5,490	3,767,762	183,511	0.00584	312,100	38	95,000																				

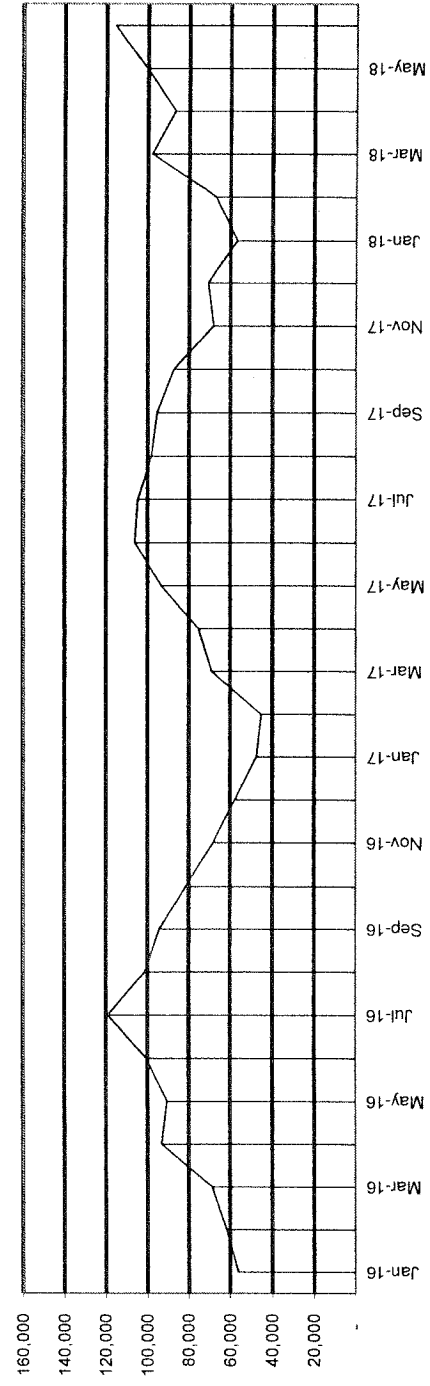


Electric Cost

	Electric Cost	Kilowatts Used
Jan-16	3223	56,290
Feb-16	3613	61,740
Mar-16	4195	69,020
Apr-16	5235	93,310
May-16	8446	100,640
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
Nov-17	3738	68,100
Dec-17	3909	70,820
Jan-18	3640	56,750
Feb-18	4207	66,930
Mar-18	5667	98,010
Apr-18	5060	86,650
May-18	10116	100,520
Jun-18	11336	115,750



Kilowatts Used





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

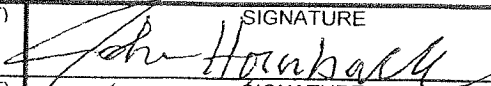
NAME OF FACILITY						LOCATION ADDRESS & CITY							COUNTY/REGION	
Lake of the Ozarks Regional WWTP #1						#3 Anderson Road							Miller/SWRO	
MONTH/YEAR		PERMIT NUMBER				OUTFALL NUMBER		TYPE TREATMENT FACILITY						
Jun-18		MO-0103241				#001		Oxidation Ditch/UV/Sludge Holding-sludge is land applied						
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	7.5	165	194	22.0	1.878	8.1	1.6	1.9		4.3		23.8	99.0	99.0
2	7.4			22.3	1.946	8.0				4.3		24.1		
3	7.4			22.8	2.093	8.0				4.3		23.3		
4	7.3			21.6	1.922	8.0				4.2	< 20	23.1		
5	7.3			21.5	1.753	8.0				5.0		22.5		
6	7.3			22.4	1.868	8.0				4.4		23.4		
7	7.5			22.3	1.792	8.1			0.08	4.4		23.2		
8	7.4	333	726	22.5	1.988	8.1	1.1	1.7		3.9		23.8	99.7	99.8
9	7.4			23.1	1.949	8.0				4.4		24		
10	7.4			23.6	2.182	8.1				4.5		24.2		
11	7.1			23.1	1.936	8.1				3.9	< 20	24.6		
12	7.4			22.6	1.880	8.0				4.9		25.1		
13	7.5			23.3	1.707	8.1				4.9		25.1		
14	7.5			23.3	1.779	8.1			0.07	5.2		25.1		
15	7.4	168	206	23.2	1.880	8.0	1.4	1.2		4.1		25.1	99.2	99.4
16	7.4			23.2	2.068	8.1				4.7		25.2		
17	7.4			23.5	2.171	8.0				4.5		25.4		
18	7.3			24.0	2.013	8.0				4.4	< 20	25.8		
19	7.3			23.3	1.765	8.1				4.5		25.9		
20	7.3			24.3	1.734	8.1				4.8		25.7		
21	7.3			23.5	1.700	8.1			0.16	4.5		24.9		
22	7.2	160	208	23.4	1.825	8.1	1.1	0.9		5.2		24.3	99.3	99.6
23	7.2			23.6	1.917	8.0				5.0		23.7		
24	7.4			23.1	2.123	8.0				5.2		23.8		
25	7.3			23.9	2.096	8.1				5.3	< 20	24.3		
26	7.4			23.2	1.788	8.0				4.9				
27	7.3			22.7	2.412	8.1				4.7		23.7		
28	7.2			24.2	2.019	8.0			0.15	5.0		25.5		
29	7.4	145	206	24.3	2.009	8.1	1.1	1.0		5.0		26.3	99.2	99.5
30	7.5			24.6	2.089	8.0				4.4		26.2		
Total					58.282									
Avg		194	308	23	1.943		1.3	1.3	0.12	4.6	< 20	24.5	99.3	99.5
Min	7.1	145	194	22	1.700	8.0	1.1	0.9	0.07	3.9	< 20	22.5	99.0	99.0
Max	7.5	333	726	25	2.412	8.1	1.6	1.9	0.16	5.3	< 20	26.3	99.7	99.8

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	< 5.0	< 1.0	281	318						
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
Total	< 5.0	< 1.0	281	318						
Avg	< 5.0	< 1.0	281	318						
Min	< 5.0	< 1.0	281	318						
Max	< 5.0	< 1.0	281	318						

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	*RAIN inches	Time
		* DO	** MLSS	*Settleability		* DO	** MLSS	*Settleability		* Ambient		
		mg/l	mg/l	*30 min ml	Temp ° C	mg/l	mg/l	*30 min ml	Temp ° C	Temp ° F		
1		1.1	6,000	790	24.1	0.9	6,180	800	23.8	70	0	7:30
2		1.1	6,630	860	23.8	1.4	5,120	700	23.6	73	0	7:30
3		1.3	6,510	890	23.1	2.0	4,200	540	22.9	63	0	7:30
4		1.0	6,280	850	22.8	2.1	4,790	660	22.7	62	0	7:30
5	4,937	0.8	6,240	860	22.3	1.5	5,730	800	22.3	63	0	7:30
6	4,567	1.2	5,830	800	23.8	1.5	5,170	750	23.3	67	0	7:30
7		1.2	4,990	690	23.2	1.9	5,900	870	23.3	70	0	7:30
8		0.7	6,660	890	23.8	1.2	4,510	590	23.5	74	0	7:30
9		1.0	7,170	900	23.9	1.9	4,180	560	23.7	73	0	7:30
10		1.6	5,600	820	24.3	1.3	3,900	570	24.1	74	0	7:30
11		0.9	5,700	840	24.2	1.2	5,570	780	24.2	72	0	7:30
12		1.0	6,360	860	24.8	1.2	5,890	820	24.5	72	0.6	7:30
13	3,796	1.4	4,800	700	24.8	1	6,320	850	24.7	73	0	7:30
14	7,036	1.0	6,580	890	25.1	1.6	5,120	760	24.8	71	0	7:30
15	8,332	0.7	6,770	900	25.3	0.9	4,700	700	25.1	75	0	7:30
16		0.8	6,760	890	24.9	1.4	4,720	620	24.6	75	0	7:30
17		0.8	6,240	850	25.2	0.8	5,810	810	25.1	76	0	7:30
18	4,783	1.2	6,390	860	25.5	0.8	5,400	770	25.4	77	0	7:30
19		0.8	5,910	840	25.6	0.7	6,400	860	25.5	76	0	7:30
20	10,492	0.8	6,570	900	25.8	0.9	5,300	780	25.7	75	0	7:30
21	1,913	0.9	6,450	850	24.8	0.7	5,320	740	24.6	71	0.25	7:30
22	2,777	1.5	6,350	890	23.8	3.0	5,510	800	23.8	67	0.4	7:30
23	9,433	1.3	7,610	940	23.4	2.3	4,190	600	23.4	66	0	7:30
24	4,937	1.4	5,970	870	23.6	2.4	5,440	830	23.6	66	0	7:30
25	12,220	1.3	5,680	830	23.9	1.4	5,480	780	23.9	73	0	7:30
26		1.7	5,910	810	24.1	0.7	6,360	870	24.1	73	0.4	7:30
27		1.3	6,750	870	23.5	1.8	5,420	760	23.5	68	1.5	7:30
28	11,664	1.0	6,480	850	25.9	1.0	5,560	790	25.5	78	0	7:30
29	10,862	0.8	5,660	800	26.2	0.8	6,340	870	26.3	80	0	7:30
30		1.0	6,190	850	26.1	1.0	5,490	800	26.0	79	0	7:30

COMMENTS:

TESTS PERFORMED BY (PRINT)	SIGNATURE	PHONE #	DATE
John Hornback		(573)365-0455	7/6/2018
REPORT APPROVED BY (PRINT)	SIGNATURE	PHONE #	DATE
Gary Hutchcraft		(573)365-0455	7/6/2018

*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	MO	DAY	
2018	06	01	TO	2018	06	30

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	*****	*****	*****	1.6	1.3	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 (81010)	REPORTD	*****	*****	*****	*****	99.0	Monthly	Calculated
Stage Type: End of Pipe	REQRMNT	*****	*****	*****	*****	Monthly Average Minimum: 85	Monthly	Calculated
Escherichia coli (E. coli) (51040)	REPORTD	*****	*****	*****	<20	<20	Weekly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	*****	7 Day Geometric: 630	30 Day Geometric Mean: 126	Weekly	Grab
Flow, in conduit or thru treatment plant (50050)	REPORTD	2.412	1.943	Mgal/d	*****	*****	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	*****	*****	0.16	*****	0.12	Weekly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	Daily Maximum: 6.0	*****	Monthly Average: 1.1	Weekly	Grab
Oil and grease (soxhlet extr.) tot. (00550)	REPORTD	*****	*****	<5.0	*****	<5.0	Monthly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	Daily Maximum: 15	*****	Monthly Average: 10	Monthly	Grab
pH (00400)	REPORTD	*****	*****	8.0	*****	8.1	Weekly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	Minimum: 6.5	*****	Maximum: 9.0	Weekly	Grab

GENERAL PERMIT REQUIREMENTS OR COMMENTS:
OUTFALL-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.

OPERATOR IN RESPONSIBLE CHARGE

Garv Hutchcraft	7305
TYPED OR PRINTED NAME	CERTIFICATE NUMBER
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE
Garv F Hutchcraft	573-365-0455
TYPED OR PRINTED NAME	2018-07-06 16:01:43
SIGNATURE	Date

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

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2018	06	01		2018	06	30

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	*****	<1.0	Monthly	Grab
Stage Type: End of Pipe	REQRMNT	*****	*****	Daily Maximum: 9.1	*****	Monthly Average: 3.6	Monthly	Grab
Suspended Solids, percent removal (81011)	REPORTD	*****	*****	*****	*****	99.0	Monthly	Calculated
Stage Type: End of Pipe	REQRMNT	*****	*****	*****	*****	Monthly Average Minimum: 85	Monthly	Calculated
Total Suspended Solids (TSS) (00530)	REPORTD	*****	*****	*****	1.9	1.3	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:
OUTFALL-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.

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	2018-07-06 16:01:43
SIGNATURE	Date

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 WWT#1
ADDRESS: #3 Anderson Road
LAKE OZARK, MO 65049

MO0103241 SM2 A
PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
2018 06 01 2018 06 30

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS
BEFORE COMPLETING THIS FORM

Parameter	MASS	Unit	CONCENTRATION	Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
Hardness, total (as CaCO ₃) (00900)	REPORTD *****		318		Monthly	Grab	
Stage Type: Instream Monitoring	REQMNT *****		Daily Maximum : Monitoring Required		Monthly	Grab	
			Monthly Average : Monitoring Required				

GENERAL PERMIT REQUIREMENTS OR COMMENTS:

OUTFALL-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.

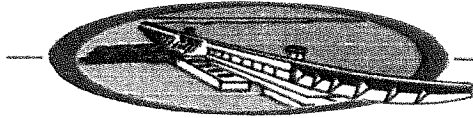
OPERATOR IN RESPONSIBLE CHARGE			
Garv. Hutchcraft		7305	
TYPED OR PRINTED NAME		CERTIFICATE NUMBER	
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE	
Garv. F Hutchcraft		573-365-0455	
Garv. F Hutchcraft		2018-07-06 16:01:43	
TYPED OR PRINTED NAME		SIGNATURE	
		Date	

Page 3

DATE JUNE 2018
month year

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

Date 7/9/2018



City of Lake Ozark

At Bagnell Dam — Lake of the Ozarks

MEMORANDUM

DATE: July 16, 2018

To: Joint Sewer Board Members

From: Dave Van Dee ^{DSV} & Jeana Woods on behalf of Contract Review Sub Committee

Re: Joint Sewer Board amended Agenda for Tuesday, July 17, 2018 meeting

We have asked that the July 17th Joint Sewer Board meeting agenda be amended to include an additional item under section 6. New Business:

B. Discussion and possible action regarding termination notice of current service contract. (Please see attached draft copy of proposed letter)

After consultation with Attorney Ed Rucker the members of the Sub Committee want to let the Board know this is a required step regardless of which winning bidder is chosen as a result of our current RFP process. The current contract will be terminated and proper notice has to be given with a new contract negotiated with the selected company.

If you should have any questions, please do not hesitate to contact me or Jeana Woods.

Lake Ozark/Osage Beach Joint Sewer Board

July 11, 2018

Gary Johnson, Divisional Manager
Alliance Water Resources, Inc.
206 South Keene Street
Columbia, Missouri 65201

Dear Mr. Johnson:

This is a formal notice from the Lake Ozark and Osage Beach Joint Sewer Board that pursuant to the existing Agreement for Contract Operations and the Supplemental Agreement, last of which is dated August 20, 2013, the Lake Ozark and Osage Beach Joint Sewer Board is exercising its right to terminate the contract at the end of the term effective December 31, 2018.

Respectfully,

Mayor Johnnie Franzeskos
Joint Sewer Board Chairman

ER: aq

Enclosure

Cc: Mayor John Olivarri, City of Osage Beach