

**OSAGE BEACH/LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
JANUARY 21, 2014
4:00 p.m.
LAKE OZARK CITY HALL**

1. CALL TO ORDER

2. ROLL CALL

Mayor, Osage Beach, Penny Lyons
Mayor, Lake Ozark, Johnnie Franzeskis
City Administrator, Osage Beach, Nancy Viselli
City Administrator, Lake Ozark, Dave Van Dee
Alderman, Lake Ozark, Don Langley
Alderman, Osage Beach, John Olivarri
City Engineer, Osage Beach, Nick Edelman
Public Works Director, Lake Ozark, Matt Michalik
Gary Hamner

3. MINUTES

Page Numbers

Regular Meeting; November 19, 2013 3-5

4. REPORTS

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5. OLD BUSINESS

6. NEW BUSINESS

Updated Flow Charts

7. DISCUSSION

8. ADJOURNMENT

THE NEXT MEETING WILL BE FEBRUARY 18, 2014, 4:00 PM @ LAKE OZARK CITY HALL

**LAKE OZARK - OSAGE BEACH
JOINT SEWER BOARD
Meeting Minutes – November 19, 2013**

Call to Order:

Mayor Penny Lyons called the meeting to order at 4:00 p.m. at Lake Ozark City Hall.

Roll Call:

Present: Mayor Penny Lyons
Mayor John Franzeskos
City Administrator, Nancy Viselli
City Administrator, Dave Van Dee
Osage Beach Alderman, John Olivarri
Lake Ozark Alderman, Don Langley
Lake Ozark Public Works Director, Matt Michalik
Osage Beach Public Works Director, Nick Edelman
Gary Hamner

Absent:

Others Present: Gary Hutchcraft, Plant Manager
Gary Johnson, Alliance Water Resources
Karri Bell, Osage Beach Treasurer

MINUTES OF PAST MEETING:

Mayor Lyons asked for a motion to approve the minutes from the October 15, 2013 meeting. Mayor Franzeskos motioned to approve the minutes second by Alderman Langley, all voted and unanimously approved.

PUBLIC COMMENT: None to report

BILLS LIST: Treasurer Karri Bell added another invoice from Westfall Company, Inc. in the amount of \$4,260.00 for a Tiger Door and also submitted a corrected Zerger and Mauer LLP balance sheet. With those additions, Mayor Lyons asked for a motion to approve the Bills List. Mayor Franzeskos motioned to approve the bills list, second by City Administrator Van Dee. All voted and unanimously approved.

REPORTS:

REVENUE BUDGET ANALYSIS
EXPENDITURE BUDGET ANALYSIS
INCOME & EXPENSE SUMMARY
CASH FLOW ANALYSIS
BALANCE SHEET
CHECK REGISTERS & BANK STATEMENTS

ALLIANCE REPORT & FLOW CHARTS:

Gary Hutchcraft went over the October 2013 summary report of operations, a copy of which was included in the meeting packet. Gary mentioned they had a safety inspection conducted by Alliance and found a few minor items that have been or is in the process of being corrected. They also found a major item on the hand rails for clarifiers & UV channel. Gary received approval to get bids as soon as possible. The set of bids Gary received; American Sun Control was awarded the bid at \$4,302.00 and they should have everything completed by the end of the month. Gary also mentioned the gear box/generator on clarifier #1 has been making more noise than normal and after changing motors, bearings and gear box bearings, it was concluded that it needs replaced. After receiving quotes from other vendors, it was determined that since Ovivo is the exclusive manufacturer and seller of all original equipment, we can get the complete gearmotor, sprockets and chain for \$2,218.18 including shipping.

Mayor Lyons asked for a motion to purchase the gear box/gearmotor. Alderman Langley motioned to approve the application, second by Mayor Franzeskos.

Mayor Lyons also asked for a motion to approve the Alliance Report & Flow Charts. Mayor Franzeskos motioned to approve the October 2013 Alliance Report and Flow Chart; second by Public Works Director Michalik. All voted and unanimously approved.

OLD BUSINESS:

Magruder Hearing Update

Mayor Lyons, Attorney Ed Rucker and City Administrator Viselli talked to Attorney Mauer and asked if Attorney Ed Rucker would discuss the conversation with everyone. Attorney Ed Rucker said the LRC, Commissioner Wynn, violated a closed session. He suggested amending what is pending in front of a Judge Comley now and filing action against open records or you have up to a year from the day you had the meeting to file an action in Cole County. We need to decide how much more we want to fight this. City Administrator Viselli said the case is still open in Miller County before Judge Comley. We can go back to Miller County Judge and tell him what happened and try to award some of our expenses out of this, but it could cost another \$5,000 to \$10,000. After more discussion; Gary Hamner motioned to get a local Judge to continue favorable rulings for us and move forward; second by Alderman Olivarri. All voted and unanimously approved.

2014 Budget Discussion/Finalize

With some discussions, Mayor Lyons asked for a motion to accept the 2014 Final Budget as written. Mayor Franzeskos motioned to accept the 2014 Final Budget as written; second by Public Works Director Michalik. All voted and unanimously approved.

NEW BUSINESS:

Discussion on proposed revision to the new service area connection policy. With some discussion, Mayor Lyons asked for a motion to adopt the proposed revision connection policy. Alderman Olivarri made the motion to adopt the proposed revision connection policy, second by Alderman Langley. All voted and unanimously approved.

OTHER DISCUSSION:

None to report

ADJOURMENT:

With nothing further to discuss, the meeting was adjourned at 4:45 pm. The next scheduled meeting is Tuesday, January 21, 2014, 4:00 pm. at Lake Ozark City Hall.

Penny Lyons
Osage Beach Mayor

Mardonna Phillips
Lake Ozark Joint Sewer Clerk

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JOINT SEWER BOARD

BILL LIST

January 21, 2013

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	52,851.51
OPERATING FUND BILLS TO BE PAID:	\$	39,804.67
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	-
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$	-
TOTAL		\$ 92,656.18

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Check	Paid To:	Description:	Amount:
4185	3339	Ameren UE	November 2013 Electric Bill	\$ 3,459.48
4000	3340	Equipment Replacement Fund	New Basin -Loan Payment	\$ 2,330.12
4170	3340	Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.17
4170	3341	Alliance Water Resources, Inc.	December 2013 Management Fee	\$ 23,450.82
4020	3342	Alliance Water Resources, Inc.	Misc Repair/Main	\$ 225.00
4240	3343	American Sun Control	Hand Rails	\$ 4,302.00
4240	3343	American Sun Control	Hand Rails	\$ 1,446.00
4220	3344	Zerger & Mauer	Magruder Lawsuit Partial Payment	\$ 10,000.00
4185	3345	Ameren UE	December 2013 Electric Bill	\$ 4,170.92
TOTAL				\$ 52,851.51

OPERATING FUND BILLS TO BE PAID:

Account	Check	Paid To:	Description:	Amount:
4170	3346	Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.17
4170	3347	Alliance Water Resources, Inc.	December 2013 Management Fee	\$ 24,037.09
4020	3348	Alliance Water Resources, Inc.	Misc Repair/Main	\$ 83.95
4220	3349	Zerger & Mauer	Magruder Lawsuit Partial Payment	\$ 12,216.46

\$ 39,804.67

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

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

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

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



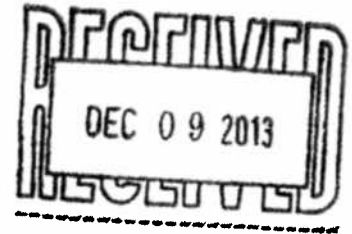
Please Return This Portion With Your Payment.

AMOUNT DUE	DUE DATE
\$3,392.78	Dec 19, 2013
AMOUNT PAYABLE AFTER Jan 2, 2014	ACCOUNT NUMBER
\$3,443.67	45800-05832

Amount Enclosed \$ _____

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

Ameren Missouri
P.O. Box 66301
St. Louis, MO 63166-8301



20600000 0045800058302 000003392780 000003392780

Keep This Portion For Your Records

45800-05832
ALLIANCE WATER RESOURCES INC
3 ANDERSON RD, - LAKE OZARK, MO 65049

BILL DATE	Dec 9, 2013
-----------	-------------

TOTAL AMOUNT DUE BY	Dec 19, 2013	\$3,392.78
DELINQUENT AFTER	Jan 2, 2014	\$3,443.67

Payment Received on Nov 18, 2013

\$3,701.38

DATE OF READING	METER NUMBER	SERVICE FROM TO DATE	NO. PREVIOUS	METER READING PREVIOUS	METER READING PRESENT	READING DIFFERENCE	METER MULTIPLIER	THERM FACTOR	USAGE	UNIT
Total kWh	11673321	11/04-12/05	31	19865.0000	20234.0000	369.0000	160.0000		59040.0000A	
Peak kW	11673321	11/04-12/05	31	0.0000	0.6480	0.6480	160.0000		103.6800A	

Service To			SUMMARY			Service To		
Total kWh	12/05/2013	59040.0000	Peak kW	12/05/2013	103.7000			
Total Billing Demand	12/05/2013	103.7000	October Winter Base kW	12/05/2013	146.2000			
Winter Base Demand	12/05/2013	103.7000	Base kWh Ratio	12/05/2013	1.0000			
Base kWh (HUD)	12/05/2013	59040.0000	Seasonal kWh (HUD)	12/05/2013	0.0000			

METERED ELECTRIC SERVICE BILLING

Rate 3M Large General Service		Service From 11/04/2013		To 12/05/2013	
Seasonal Energy Charge	0.00 kWh	@	\$.03630000		\$0.00
Demand Charge	103.70 kW	@	\$1.71000000		\$177.33
Base Energy Chg / Hours Used	15,555.00 kWh	@	\$.06230000		\$969.08
Base Energy Chg / Hours Used	20,740.00 kWh	@	\$.04620000		\$958.19
Base Energy Chg / Hours Used	22,745.00 kWh	@	\$.03630000		\$825.64
Customer Charge					\$88.82
Fuel Adjustment Charge	59,040.00 kWh	@	\$.00373000		\$220.22
Energy Efficiency Pgm Charge	59,040.00 kWh	@	\$.00050000		\$29.52
Energy Efficiency Invest Chg	59,040.00 kWh	@	\$.00210000		\$123.98
Total Service Amount					\$3,392.78

Current Amount Due	\$3,392.78
Prior Amount Due	\$0.00
Total Amount Due	\$3,392.78

A late payment charge of 1.5% will be added for any unpaid balance on all accounts after the delinquent date.



Please Return This Portion With Your Payment

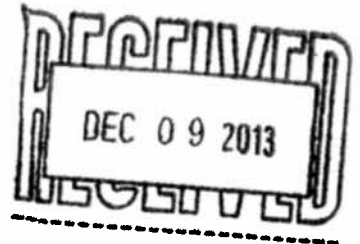
☐ Pure Power

AMOUNT DUE	DUE DATE
\$66.70	Dec 19, 2013
AMOUNT PAYABLE AFTER Jan 2, 2014	ACCOUNT NUMBER
\$67.70	55800-05920

Amount Enclosed \$ _____

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

Ameren Missouri
P.O. Box 66301
St. Louis, MO 63166-6301



30633000 0055800059200 000000066700 000000066700

Keep This Portion For Your Records

ACCOUNT NUMBER	55800-05920
NAME	ALLIANCE WATER RESOURCES INC
SERVICE ADDRESS	3 ANDERSON RD LAKE OZARK, MO 65049

BILL DATE	Dec 9, 2013
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TOTAL AMOUNT DUE BY	DATE	AMOUNT
	Dec 19, 2013	\$66.70
DELINQUENT AFTER	DATE	AMOUNT
	Jan 2, 2014	\$67.70

Payment Received on Nov 18, 2013

\$104.75

TYPE OF READING	METER NUMBER	SERVICE FROM TO DAYS	NO. PREVIOUS	METER READING PRESENT	READING DIFFERENCE	METER MULTIPLIER	THERM FACTOR	USAGE	UNIT
Total kWh	98041275	11/04-12/05	31	3989.0000	4046.0000	57.0000	10.0000	570.0000A	
Peak kW	98041275	11/04-12/05	31	0.0000	1.4510	1.4510	10.0000	14.5100A	

Service To			SUMMARY		Service To	
Total kWh	12/05/2013	570.0000	Winter Base kWh	12/05/2013	1310.0000	
Current Base kWh	12/05/2013	570.0000	Seasonal kWh	12/05/2013	0.0000	

METERED ELECTRIC SERVICE BILLING

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

Service From 11/04/2013 To 12/05/2013

Base Energy Charge	570.00 kWh	@ \$0.07710000	\$43.95
Seasonal Energy Charge	0.00 kWh	@ \$0.04450000	\$0.00
Customer Charge			\$19.54
Fuel Adjustment Charge	570.00 kWh	@ \$0.00373000	\$2.13
Energy Efficiency Pgm Charge	570.00 kWh	@ \$0.00030000	\$0.17
Energy Efficiency Invest Chg	570.00 kWh	@ \$0.00160000	\$0.91
Total Service Amount			\$66.70

Current Amount Due	\$66.70
Prior Amount Due	\$0.00
Total Amount Due	\$66.70

Sign up for Pure Power to support clean renewable energy in Missouri and the Midwest. By checking the box, a 1.5 cents per kilowatt hour charge will apply. You may cancel at any time.

A late payment charge of 1.5% will be added for any unpaid balance on all accounts after the delinquent date.

American Sun Control
PO Box 1117
Osage Beach, MO 65065
573-348-4594

Invoice

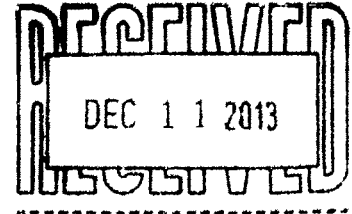
Invoice #: 00019950

Bill To:

Ship To:

Joint Sewer Board
P.O. Box 1985
Lake Ozark, MO 65049

Joint Sewer Board
Gary Hutchcraft
573/365-0455



SALESPERSON		YOUR NO.	SHIP VIA	COL	PPD	SHIP DATE	TERMS		DATE	PG.
Mike Bennett			Installed			12/6/2013	Net 30		12/6/2013	1
QTY.	ITEM NO.	DESCRIPTION			PRICE		UNIT	DISC %	EXTENDED	TX.
1	Hand/Rail/Alu	Hand/Rail/Alum/ADAR/bengal silver/CLARIFIER #1/59' rail + 18' kickplate			\$2,094.00				\$2,094.00	
1	Hand/Rail/Alu	Hand/Rail/Alum/ADAR/bengal silver/CLARIFIER #2/64' rail/ 16' kickplate			\$2,208.00				\$2,208.00	
	THANK YOU!	WE APPRECIATE YOUR BUSINESS!								
PAYMENT IS DUE AND PAYABLE UPON COMPLETION OF WORK. Finance charges will be charged on past due balances @ 18% APR. Such finance charges, if any, begin accruing and become due and payable 30 days after the payment is due.							SALE AMT.		\$4,302.00	
							FREIGHT		\$0.00	
							SALES TAX		\$0.00	
							TOTAL AMT.		\$4,302.00	
							PAID TODAY		\$0.00	
							BALANCE DUE		\$4,302.00	

American Sun Control
PO Box 1117
Osage Beach, MO 65065
573-348-4594

Invoice

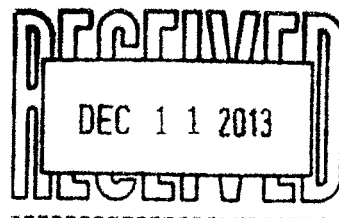
Invoice #: 00019951

Bill To:

Joint Sewer Board
P.O. Box 1985
Lake Ozark, MO 65049

Ship To:

Joint Sewer Board
Gary Hutchcraft
573/365-0455



SALESPERSON		YOUR NO.	SHIP VIA	COL	PPD	SHIP DATE	TERMS		DATE	PG.
Mike Bennett			Installed			12/10/2013	Net 30		12/10/2013	1
QTY.	ITEM NO.	DESCRIPTION				PRICE	UNIT	DISC %	EXTENDED	TX.
1	Hand/Rail/Alu	Hand/Rail/Alum/ADAR/bengal silver/UV CHANNEL/25' rail/4' kick plate				\$822.00			\$822.00	
1	Hand/Rail/Alu	Hand/Rail/Alum/ADAR/bengal silver/CLARIFIER #3/13' rail/13' kick plate				\$624.00			\$624.00	
	THANK YOU!	WE APPRECIATE YOUR BUSINESS!								
PAYMENT IS DUE AND PAYABLE UPON COMPLETION OF WORK. Finance charges will be charged on past due balances @ 18% APR. Such finance charges, if any, begin accruing and become due and payable 30 days after the payment is due.							SALE AMT.		\$1,446.00	
							FREIGHT		\$0.00	
							SALES TAX		\$0.00	
							TOTAL AMT.		\$1,446.00	
							PAID TODAY		\$0.00	
							BALANCE DUE		\$1,446.00	

Alliance Water Resources, Inc.*Professional Water and Wastewater Operations***206 South Keene Street****Columbia, Missouri 65201****(573) 874-8080 Fax (573) 443-0833****INVOICE****Invoice No: 5843****SOLD TO:****01-Dec-13****Lake Ozark/Osage Beach Joint Utility Board****c/o Karri Bell****City of Osage Beach****1000 City Parkway****Osage Beach, MO 65065****Customer No: 20220****Terms: 30 days**

REFERENCE	DESCRIPTION	AMOUNT
	Wastewater Plant operating service for month of: Dec-13	
	Base Fee	\$23,450.82
TOTAL DUE		\$23,450.82

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: 5844

Invoice Date: 01-Dec-13

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	JCI Industries, Inc. - 1 Invoice - 50%	\$225.00
TOTAL DUE		\$225.00

INVOICE

Remit To:

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



Invoice Number	
8078933	
Invoice Date	Page
11/20/2013 10:01:33	1 of 1
Sales Order Number	
1069173	

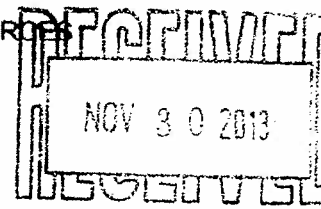
Branch: 06 JEFFERSON CITY

Bill To:

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

Ship To:

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



Customer ID: 400030

PO Number			Terms Description			Net Due Date			
GARY-3			Net 30			12/20/2013			
Order Date		Pick Ticket No		Primary Salesrep Name			Order Taker		
11/12/2013 09:18:04		3074297		Kevin Schupp II			JGOERES		
Quantities					Item ID Item Description		Pricing UOM Unit Size	Unit Price	Extended Price
Ordered	Shipped	Remaining	UOM Unit Size	Disp.					

1.00	1.00	0.00	EA	1.0	INSPECTION CRANE AND HOIST INSPECTION inspection of both the UV channel Contrax crane and the tool room Monorail beam crane for the work performed,	EA	450.00	450.00
						1.0000		

Total Lines: 1

SUB-TOTAL: 450.00
TAX: 0.00

Carrier: FIELD SERVICE

Tracking #:

AMOUNT DUE: 450.00

U.S. Dollars

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

GL Acct#: 6705-20 \$225.00 1220-20 \$225.00

Signature: *[Signature]*

Date: 11/30/13

ZERGER & MAUER LLP1100 Main Street
Suite 2100

Kansas City, MO 64105 816/759-3300 Federal ID No. 27-5426971

STATEMENT

PRIVILEGED & CONFIDENTIALCity of Osage Beach
c/o Nancy Viselli
1000 City Parkway
Osage Beach, MO 65065Account No. 1014.0002
RE: MagruderStatement Date: 11/26/2013
Statement No. 12783
Page No. 1Fees

		Rate	Hours	
10/02/2013				
MLR	Draft and revise proposed letter to counsel for Magruder; communicate with client regarding same.	250.00	0.60	150.00
MLR	Draft and revise letter to LRC requesting pre-blast survey.	250.00	0.60	150.00
10/03/2013				
MLR	Draft and revise letter from Mayor Lyons to LRC.	250.00	1.70	425.00
10/08/2013				
MLR	Communicate with client regarding proposed communication to Magruder and the LRC.	250.00	0.10	25.00
10/15/2013				
SEM	Review letter regarding Sunshine Law request; prepare letter to Mayor Lyons, N. Viselli and E. Rucker regarding same.	280.00	0.70	196.00
10/22/2013				
MLR	Draft and revise letter to LRC citing violations of Sunshine Law and requesting vote be set aside.	250.00	1.90	475.00
10/30/2013				
MLR	Communicate with client regarding ongoing dispute with LRC.	250.00	0.20	50.00
	For Current Services Rendered		5.80	1,471.00

Expenses

10/03/2013	Travel expense - S.E. Mauer travel expenses (including mileage and meals).	688.58
10/11/2013	Photocopy charges	2.20
10/11/2013	Postage	3.22
10/18/2013	Photocopy charges	0.40

To ensure proper credit, please include account number and statement date on remittance checks. Thank you.

City of Osage Beach
Account No. 1014.0002
RE: Magruder

Statement Date: 11/26/2013
Statement No. 12783
Page No. 2

10/18/2013	Postage	0.46
10/25/2013	Photocopy charges	12.80
10/25/2013	Postage	6.60
	Total Expenses	<u>714.26</u>
	Total Current Work	2,185.26
	Previous Balance	\$38,031.88

Payments

10/21/2013	Payment	-10,000.00
11/25/2013	Payment	<u>-10,000.00</u>
	Total Payments	-20,000.00
	Balance Due	<u>\$20,217.14</u>



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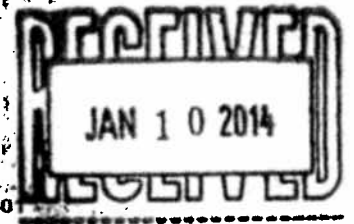
☐ Pure Power

AMOUNT DUE	DUE DATE
\$317.91	Jan 23, 2014
AMOUNT PAYABLE AFTER Feb 3, 2014	ACCOUNT NUMBER
\$322.68	55800-05920

Amount Enclosed \$

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

Ameren Missouri
P.O. Box 66301
St. Louis, MO 63166-6301



70633000 0055800059200 000000317910 000000317910

Keep This Portion For Your Records

ACCOUNT NUMBER	55800-05920
NAME	ALLIANCE WATER RESOURCES INC
SERVICE ADDRESS	3 ANDERSON RD LAKE OZARK, MO 65049

BILL DATE	Jan 10, 2014
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TOTAL AMOUNT DUE BY	Jan 23, 2014	\$317.91
DELINQUENT AFTER	Feb 3, 2014	\$322.68

Payment Received on Dec 13, 2013

\$66.70

TYPE OF READING	METER NUMBER	SERVICE FROM TO DAYS	NO.	METER READING PREVIOUS	METER READING PRESENT	READING DIFFERENCE	METER MULTIPLIER FACTOR	THERM FACTOR	USAGE	R D
Total kWh	98041275	12/05-01/08	34	4046.0000	4556.0000	510.0000	10.0000		5100.0000A	
Peak kW	98041275	12/05-01/08	34	0.0000	1.3470	1.3470	10.0000		13.4700A	

Service To				SUMMARY				Service To			
Total kWh	01/08/2014		5100.0000	Winter Base kWh	01/08/2014		1310.0000				
Current Base kWh	01/08/2014		1310.0000	Seasonal kWh	01/08/2014		3790.0000				

METERED ELECTRIC SERVICE BILLING

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

Service From 12/05/2013 To 01/08/2014

Threshold - Peak Demand	Threshold - Peak Demand				
Base Energy Charge	1,310.00 kWh	@	\$.07710000		\$101.00
Seasonal Energy Charge	3,790.00 kWh	@	\$.04450000		\$168.66
Customer Charge					\$19.54
Fuel Adjustment Charge	5,100.00 kWh	@	\$.00373000		\$19.02
Energy Efficiency Pgm Charge	5,100.00 kWh	@	\$.00030000		\$1.53
Energy Efficiency Invest Chg	5,100.00 kWh	@	\$.00160000		\$8.16
Total Service Amount					\$317.91

Current Amount Due	\$317.91
Prior Amount Due	\$0.00
Total Amount Due	\$317.91

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A late payment charge of 1.5% will be added for any unpaid balance on all accounts after the delinquent date.



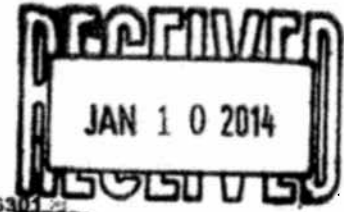
Please Return This Portion With Your Payment.

AMOUNT DUE	DUE DATE
\$3,853.01	Jan 23, 2014
AMOUNT PAYABLE AFTER Feb 3, 2014	
\$3,910.81	45800-05832

Amount Enclosed \$ _____

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

Ameren Missouri
P.O. Box 66301
St. Louis, MO 63166-6301



00600000 0045800058302 000003853010 000003853010

Keep This Portion For Your Records

45800-05832
ALLIANCE WATER RESOURCES INC
3 ANDERSON RD, - LAKE OZARK, MO 65049

BILL DATE	Jan 10, 2014
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TOTAL AMOUNT DUE BY	Jan 23, 2014	\$3,853.01
IN DELINQUENT AFTER	Feb 3, 2014	\$3,910.81

Payment Received on Dec 13, 2013

\$3,392.78

TYPE	METER	SERVICE	NO.	METER READING	READING	METER	THERM	USAGE	R
READING	NUMBER	FROM	TO/DAYS	PREVIOUS	PRESENT	DIFFERENCE	MULTIPLIER	FACTOR	D
Total kWh	11673321	12/05-01/08	34	20234.0000	20650.0000	416.0000	160.0000		66560.0000A
Peak kW	11673321	12/05-01/08	34	0.0000	0.7630	0.7630	160.0000		122.0800A

Service To				Service To			
Total kWh	01/08/2014	66560.0000	Peak kW	01/08/2014	122.1000		
Total Billing Demand	01/08/2014	122.1000	October Winter Base kW	01/08/2014	146.2000		
Winter Base Demand	01/08/2014	122.1000	Base kWh Ratio	01/08/2014	1.0000		
Base kWh (HUD)	01/08/2014	66560.0000	Seasonal kWh (HUD)	01/08/2014	0.0000		

METERED ELECTRIC SERVICE BILLING

Rate 3M Large General Service		Service From 12/05/2013 To 01/08/2014	
Seasonal Energy Charge	0.00 kWh @ \$0.03630000	\$0.00	
Demand Charge	122.10 kW @ \$1.71000000	\$208.79	
Base Energy Chg / Hours Used	18,315.00 kWh @ \$0.06230000	\$1,141.02	
Base Energy Chg / Hours Used	24,420.00 kWh @ \$0.04620000	\$1,128.20	
Base Energy Chg / Hours Used	23,825.00 kWh @ \$0.03630000	\$864.85	
Customer Charge		\$88.82	
Fuel Adjustment Charge	66,560.00 kWh @ \$0.00373000	\$248.27	
Energy Efficiency Pgm Charge	66,560.00 kWh @ \$0.00050000	\$33.28	
Energy Efficiency Invest Chg	66,560.00 kWh @ \$0.00210000	\$139.78	
Total Service Amount		\$3,853.01	

Current Amount Due	\$3,853.01
Prior Amount Due	\$0.00
Total Amount Due	\$3,853.01

A late payment charge of 1.5% will be added for any unpaid balance on all accounts after the delinquent date.

Alliance Water Resources, Inc.*Professional Water and Wastewater Operations***206 South Keene Street****Columbia, Missouri 65201****(573) 874-8080 Fax (573) 443-0833****INVOICE****Invoice No: 5875**

SOLD TO

01-Jan-14

Lake Ozark/Osage Beach Joint Utility Board

c/o Karri Bell

City of Osage Beach

1000 City Parkway

Osage Beach, MO 65065

Customer No: 20220**Terms: 30 days**

REFERENCE	DESCRIPTION	AMOUNT
	Wastewater Plant operating service for month of: Jan-14	
	Base Fee	\$24,037.09
TOTAL DUE		\$24,037.09

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: 5876

Invoice Date: 01-Jan-14

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Lowe's Home Centers, Inc. - 1 Invoice - 50%	\$83.95
TOTAL DUE		\$83.95

LOWE'S HOME CENTERS, INC.
950 HIGHWAY 42
OSAGE BEACH, MO 65065 (573) 302-8808

- SALE -

SALES#: S1147LW1 1549384 TRANS#: 29777382 12-11-13

498950	8E 32W T8 4FT 4100K 30CT(	51.30	✓
54.00	DISCOUNT EACH	-2.70	
64158	NM 1/4-20X3-1/2 SS U-BLT	25.45	✓
5.36	DISCOUNT EACH	-0.27	
	5 @ 5.09		
125496	COMMERCIAL 4 LAMP T8 ELEC	91.14	✓
31.98	DISCOUNT EACH	-1.60	
	3 @ 30.38		

FLORESCENT BULBS

U-BOLTS

BALLAST

SUBTOTAL: 167.89
TAX: 12.97
INVOICE 12333 TOTAL: 180.86
LCC: 180.86
TOTAL DISCOUNT: 8.85

LCC:XXXXXXXXXX1300 AMOUNT:180.86 AUTHCD:000655

SWIPE REFID:777393114712 12/11/13 09:56:33

LBA/PO: BARY

Bary Hultsch

STORE: 1147 TERMINAL: 12 12/11/13 09:56:50

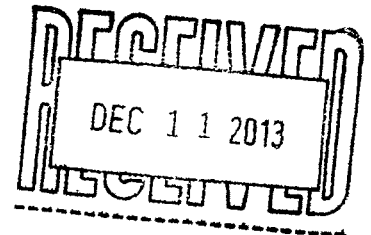
OF ITEMS PURCHASED: 9

EXCLUDES FEES, SERVICES AND SPECIAL ORDER ITEMS



THANK YOU FOR SHOPPING LOWE'S.
SEE REVERSE SIDE FOR RETURN POLICY.
STORE MANAGER: RICHARD NOSS

WE HAVE THE LOWEST PRICES, GUARANTEED!
IF YOU FIND A LOWER PRICE, WE WILL BEAT IT BY 10%.
SEE STORE FOR DETAILS.



GL Acct#: 6700-20 \$96.91 1220-20 \$83.95

Signature: *Bary Hultsch*

Date: 12/11/13

ZERGER & MAUER LLP

1100 Main Street

Suite 2100

Kansas City, MO 64105 816/759-3300 Federal ID No. 27-5426971

STATEMENT

PRIVILEGED & CONFIDENTIAL

City of Osage Beach
 c/o Nancy Viselli
 1000 City Parkway
 Osage Beach, MO 65065

Account No. 1014.0002
 RE: Magruder

Statement Date: 12/09/2013
 Statement No. 3139
 Page No. 1

Fees

		Rate	Hours	
11/05/2013				
MLR	Review and analyze response from LRC regarding Sunshine Law requests.	250.00	0.20	50.00
11/06/2013				
SEM	Review information from DNR regarding Sunshine Law request; prepare letter to Mayor Lyons, N. Viselli and E. Rucker regarding same and regarding next steps.	280.00	0.50	140.00
11/13/2013				
MLR	Telephone conference with client regarding next steps.	250.00	0.60	150.00
MLR	Legal research regarding statute of limitations for Sunshine Law violation; communicate with client regarding same.	250.00	0.30	75.00
SEM	Telephone conference with N. Viselli, Mayor Lyons and E. Rucker regarding status and strategy; legal research regarding sunshine Law violation; attorney conference regarding statute of limitations for same.	280.00	1.00	280.00
11/25/2013				
MLR	Draft and revise first amended petition and motion for same.	250.00	2.50	625.00
11/26/2013				
MLR	Draft and revise amended petition and motion regarding same.	250.00	2.70	675.00
	For Current Services Rendered		7.80	1,995.00

Expenses

11/07/2013	Photocopy charges	2.60
11/07/2013	Postage	1.72
	Total Expenses	4.32

To ensure proper credit, please include account number and statement date on remittance checks. Thank you.

City of Osage Beach
Account No. 1014.0002
RE: Magruder

Statement Date: 12/09/2013
Statement No. 3139
Page No. 2

Total Current Work	1,999.32
Previous Balance	\$20,217.14
Balance Due	<u>\$22,216.46</u>

Corrected
Zerger and Mauer LLP Balance Sheet

Date	Description	Amount
11/19/2012	Statement # 2006	\$ 103,768.83
12/13/2012	Check # 3255	\$ (27,187.56)
12/28/2012	Statement # 2095	\$ 9,210.13
1/15/2013	Check # 3265	\$ (6,133.55)
1/30/2013	Statement #2170	\$ 13,235.39
2/19/2013	Check # 3273	\$ (10,000.00)
2/19/2013	Statement #2236	\$ 9,869.73
3/26/2013	Check # 3281	\$ (10,000.00)
4/16/2013	Check # 3291	\$ (10,000.00)
4/30/2013	Statement #2399	\$197.32
5/10/2013	Check # 3298	\$ (10,000.00)
5/30/2013	Statement #2596	\$127.62
6/24/2013	Statement #2689	\$929.92
7/3/2013	Check # 3306	\$ (10,000.00)
7/23/2013	Statement #2828	\$308.86
8/6/2013	Check # 3311	\$ (10,000.00)
8/22/2013	Statement #2903	\$1,039.09
8/31/2013	Check # 3320	\$ (10,000.00)
9/19/2013	Check # 3325	\$ (10,000.00)
9/19/2013	Statement #2974	\$ 473.72
10/15/2013	Check # 3332	\$ (10,000.00)
10/18/2013	Statement #3043	\$ 12,192.38
11/19/2013	Check # 3339	\$ (10,000.00)
11/26/2013	Statement #12783	\$ 2,185.26
12/19/2013	Check #3344	\$ (10,000.00)
11/26/2013	Statement #3139	\$ 1,999.32
	Current Balance	<u><u>\$ 12,216.46</u></u>
1/21/2014	Check #3349	\$ (12,216.46)
	New Balance	<u><u>\$ -</u></u>

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

Account Number	Account Name	12/31/2013					Percent YTD
		2011 Actual	2012 Actual	2013 Budget	2013 Actual as of 12/31/2013	2013 December Revenue	
3020	Osage Beach	399,428.80	403,305.55	451,000.00	452,145.77	37,682.89	100%
3010	Lake Ozark	90,571.18	86,694.44	99,000.00	92,854.22	8,150.44	94%
3100	Interest	804.37	537.49	200.00	34.50	2.18	17%
3060	Waste Haulers' Fee	39,457.00	40,820.00	38,000.00	41,460.00	1,900.00	109%
Total Operating Fund		530,261.35	531,357.48	588,200.00	586,494.49	47,735.51	100%
E/R Fund Income		1,355.61	1,374.82	1,500.00	1,320.11	10.70	88%
TOTAL INCOME		531,616.96	532,732.30	589,700.00	587,814.60	47,746.21	100%

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**MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
12/31/2013**

Account Number	Account Name	2011 Actual	2012 Actual	2013 Budget	2013 Actual as of 12/31/2013	2013 December Expenses	Percent YTD
4000	Equipment Replace Fund	41,606.04	41,606.04	41,606.04	41,606.04	3,467.17	100%
4010	ERF Repayment	27,961.44	27,961.44	27,961.44	27,961.44	2,330.12	100%
4020	**Maintenance & Repair	46,319.94	88,400.79	66,500.00	19,273.37	225.00	29%
4140	Insurance	17,127.00	20,962.00	21,000.00	15,489.00	0.00	74%
4150	Vehicle Repair/Maint	2,835.38	5,649.28	3,000.00	1,352.11	0.00	45%
4160	Haulers Fees to Contractor	8,000.00	8,000.00	8,000.00	8,000.00	0.00	100%
4170	Contract Management	266,524.58	272,948.40	281,000.00	281,409.84	23,450.82	100%
4185	Electric	61,407.39	60,862.46	74,000.00	71,923.84	3,459.48	97%
4200	Audit	1,650.00	1,700.00	1,750.00	1,750.00	0.00	100%
4220	**Professional Service (Updated)	19,298.33	168,904.97	77,000.00	119,683.73	10,000.00	155%
4240	*Capital Purchases	13,241.91	0.00	0.00	5,748.00	5,748.00	0%
	Totals	505,972.01	696,995.38	601,817.48	594,197.37	48,680.59	99%
	**E/R Expenses	1,523.00	5,368.50	10,000.00	4,260.00	0.00	43%
	TOTAL EXPENSES	507,495.01	702,363.88	611,817.48	598,457.37	48,680.59	98%
	**Professional Services:						
	Normal/Magruder Lawsuit		67,000.00	Paid 05/13 UV Spare Parts (\$3668.16)			5,000.00
			<u>67,000.00</u>	Paid 11/13 Replace drs (\$4260.00)			2,000.00
				Paid 10/13 Auto Dialer Yearly Fee (\$407.40)			500.00
				2014 Rock for Road			2,000.00
				Normal Maintenance			6,000.00
				Paid 07/13 Riding Lawn Mower (\$4449.00)			6,000.00
				2014 #1 Aeration Basin Main.			45,000.00
							<u>66,500.00</u>

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OPERATING FUND INCOME AND EXPENSE SUMMARY
12/31/2013

Beginning Balance	29,831.90
Income - Osage Beach	37,682.89
Income - Lake Ozark	8,150.44
Income - Other	0.00
Income - Waste Haulers' Fees	1,900.00
Interest - Checking	2.18
Income - CD Interest	0.00
Transfers From E/R Fund	0.00
Transfers to E/R fund	-5,797.29
Expenses	-42,883.30
Ending Fund Balance	28,886.82
NOW Account - Central Bank	28,886.82
Outstanding Checks:	0.00
Deposit in Transit:	0.00
	28,886.82

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
12/31/2013

Beginning Balance	369,849.92
Interest - Checking	10.70
Income - CD Interest	0.00
Transfers From E/R Fund	5,797.29
Transfers to E/R Fund	0.00
Income - Miscellaneous	0.00
Expenses	0.00
Ending Fund Balance	375,657.91
NOW Account - First Bank	84,621.63
CD First National Bank, 01/14 #000048178	113,384.70
CD Providence Bank, 01/14	76,255.94
CD First National Bank, 01/14 #000049153	101,395.64
Deposit in Transit	0.00
Outstanding Checks:	0.00
	375,657.91

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**OPERATING FUND
BALANCE SHEET
12/31/2013**

		DEBITS	CREDITS	
ASSETS	CASH AND INVESTMENTS	28,886.82		
ACCOUNTS PAYABLE	DUE TO E.R. FUND - BASIN		-	
EQUITY	FUND BALANCE		28,886.82	
TOTAL OPERATING FUND		28,886.82	28,886.82	-

**EQUIPMENT REPLACEMENT FUND
BALANCE SHEET
12/31/2013**

		DEBITS	CREDITS	
ASSETS	CASH AND INVESTMENTS	375,657.91		
ACCOUNTS RECEIVABLE	DUE FROM OPERATING FUND - BASIN	-		
EQUITY	FUND BALANCE		375,657.91	
TOTAL EQUIPMENT REPLACEMENT FUND		375,657.91	375,657.91	-

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CHECK REGISTER - JOINT SEWER BOARD OPERATION FUND

	reconciled balance 8/31/13			35,517.29
3320	Zerger & Mauer	X	10,000.00	25,517.29
3321	Gerdning, Korte, & Chitwood	X	1,750.00	23,767.29
3322	Alliance Water Resources, Inc.	X	23,450.82	316.47
3323	ER Fund Transfer	X	5,797.29	(5,480.82)
3324	Alliance Water Resources, Inc.	X	1,080.45	(6,561.27)
3325	Zerger & Mauer	X	10,000.00	(16,561.27)
3326	Ameren UE	X	10,254.71	(26,815.98)
3326	Deposit	X		38,583.69
	Deposit	X		7,249.64
	Deposit	X		3,980.00
	Interest	X		1.70
	reconciled balance 9/30/13			22,999.05
3327	Ameren UE	X	5,107.51	17,891.54
3328	Alliance Water Resources, Inc.	X	23,450.82	(5,559.28)
3329	ER Fund Transfer	X	5,797.29	(11,356.57)
3330	Alliance Water Resources, Inc.	X	75.15	(11,431.72)
3331	Mission Communication	X	407.40	(11,839.12)
3332	Zerger & Mauer	X	10,000.00	(21,839.12)
	EFT Checks		44.00	(21,883.12)
	Deposit	X		38,053.99
	Deposit	X		7,779.35
	Deposit	X		3,200.00
	Interest	X		1.54
	reconciled balance 10/31/13			27,151.76
3334	Ameren UE	X	3,806.13	23,345.63
3335	Alliance Water Resources, Inc.	X	23,450.82	(105.19)
3336	ER Fund Transfer	X	5,797.29	(5,902.48)
3337	Alliance Water Resources, Inc.	X	1,721.02	(7,623.50)
	Deposit	X		37,962.01
	Deposit	X		7,871.32
	Deposit	X		1,620.00
	Interest	X		2.07
	reconciled balance 11/30/13			39,831.90
3338	Zerger & Mauer	X	10,000.00	29,831.90
3339	Ameren UE	X	3,459.48	26,372.42
3340	ER Fund Transfer	X	5,797.29	20,575.13
3341	Alliance Water Resources, Inc.	X	23,450.82	(2,875.69)
3342	Alliance Water Resources, Inc.	X	225.00	(3,100.69)
3343	American Sun Control	X	5,748.00	(8,848.69)
3344	Zerger & Mauer	X	10,000.00	(18,848.69)
	Deposit	X		37,682.89
	Deposit	X		8,150.44
	Deposit	X		1,900.00
	Interest	X		2.18
	reconciled balance 12/31/13			28,886.82



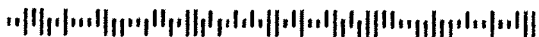
MEMBER FDIC

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

001908

Return Service Requested

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

Period 11/01/2013-11/29/2013 Page 1 of 2

Web Address
www.cbolobank.com

M 000007297 M 4

Your Financial Summary on November 29, 2013

Account Balances & Other Assets

Checking	\$ 39,831.90
Total	\$ 39,831.90

Detailed Explanation of Account Balances and Other Assets

Basic Plus Interest Checking

No. 000007297 Beginning Balance October 31, 2013 \$ 27,151.76

Deposits

Nov. 14 Deposit	7,871.32
Nov. 14 Deposit	37,962.01
Nov. 21 Deposit	1,500.00
Nov. 26 ST. OF MISSOURI VENDOR PAY	120.00
Nov. 29 Interest Earned	2.07

Total **+\$ 47,455.40**

Checks

Check No.	Date Paid	Amount	Check No.	Date Paid	Amount
3334	Nov. 19	3,806.13	3336	Nov. 22	5,797.29
3335	Nov. 21	23,450.82	3337	Nov. 21	1,721.02
		Total			-\$ 34,775.26

Ending Balance November 29, 2013 **\$ 39,831.90**

Number of days since last statement/interest cycle 30
Beginning and ending dates for calculation of statement/interest cycle are 11/01/2013 through 11/30/2013
Average collected balance 41,941.00
Interest rate 0.06%
Annual percentage yield earned 0.06%



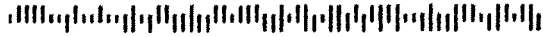
Central Bank of Lake of the Ozarks

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

002019

Return Service Requested

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

Period 12/01/2013-12/31/2013 Page 1 of 2

Web Address
www.cbolobank.com

M 000007297 M 7

Your Financial Summary on December 31, 2013

Account Balances & Other Assets

Checking	\$ 28,886.82
Total	\$ 28,886.82

Detailed Explanation of Account Balances and Other Assets

Basic Plus Interest Checking

No. 000007297 Beginning Balance November 29, 2013 \$ 39,831.90

Deposits

Dec. 13 Deposit	1,100.00
Dec. 13 Deposit	8,150.44
Dec. 13 Deposit	37,682.89
Dec. 27 Deposit	800.00
Dec. 31 Interest Earned	2.18

Total **+\$ 47,735.51**

Checks

Check No.	Date Paid	Amount	Check No.	Date Paid	Amount
3338	Dec. 12	10,000.00	3342	Dec. 18	225.00
3339	Dec. 16	3,459.48	3343	Dec. 31	5,748.00
3340	Dec. 17	5,797.29	3344	Dec. 20	10,000.00
3341	Dec. 18	23,450.82			

Total **-\$ 58,680.59**

Ending Balance December 31, 2013

\$ 28,886.82

Number of days since last statement/interest cycle 31
Beginning and ending dates for calculation of statement/interest cycle are 12/01/2013 through 12/31/2013
Average collected balance 42,771.00
Interest rate 0.06%
Annual percentage yield earned 0.06%
Interest earned year to date 34.50

CHECK REGISTER - JOINT SEWER BOARD EQUIPMENT REPLACEMENT FUND

	reconciled balance 12/31/12			19,244.87
	Interest	X	1.20	19,246.07
	Deposit	X	5,797.29	25,043.36
	reconciled balance 1/31/13			25,043.36
	Interest	X	2.03	25,045.39
	Deposit	X	5,797.29	30,842.68
	reconciled balance 2/28/13			30,842.68
	Interest	X	2.45	30,845.13
	Deposit	X	5,797.29	36,642.42
	reconciled balance 3/31/13			36,642.42
	Interest	X	3.32	36,645.74
	Deposit	X	5,797.29	42,443.03
	reconciled balance 4/30/13			42,443.03
	Interest	X	3.64	42,446.67
	Deposit	X	5,797.29	48,243.96
	reconciled balance 5/31/13			48,243.96
	Interest	X	3.70	48,247.66
	Deposit	X	5,797.29	54,044.95
	reconciled balance 6/30/13			54,044.95
	Interest	X	7.39	54,052.34
	Deposit	X	5,797.29	59,849.63
	reconciled balance 7/31/13			59,849.63
	Interest	X	7.50	59,857.13
	Deposit	X	5,797.29	65,654.42
	reconciled balance 8/31/13			65,654.42
	Interest	X	8.72	65,663.14
	Deposit	X	5,797.29	71,460.43
	reconciled balance 9/30/13			71,460.43
	Interest	X	9.37	71,469.80
	Deposit	X	5,797.29	77,267.09
	reconciled balance 10/31/13			77,267.09
	Interest	X	9.26	77,276.35
	Deposit	X	5,797.29	83,073.64
1005	Check	X	4,260.00	78,813.64
	reconciled balance 11/30/13			78,813.64
	Interest	X	10.70	78,824.34
	Deposit	X	5,797.29	84,621.63
	reconciled balance 12/31/13			84,621.63



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

536 00010 26
ACCOUNT:
DOCUMENTS:

101318411
2

PAGE: 1
11/29/2013

74

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

NOTICE OF EXPIRATION OF THE TEMPORARY FULL FDIC INSURANCE COVERAGE FOR
NONINTEREST-BEARING TRANSACTION ACCOUNTS

By operation of federal law, beginning Jan. 01, 2013, funds deposited in a noninterest-bearing transaction account (including an Interest on Lawyer Trust Account) no longer will receive unlimited deposit insurance coverage by the Federal Deposit Insurance Corporation (FDIC). Beginning Jan. 01, 2013, all of a depositor's accounts at an insured depository institution, including all noninterest-bearing transaction accounts, will be insured by the FDIC up to the standard maximum deposit insurance amount (\$250,000), for each deposit insurance ownership category. For more information about FDIC insurance coverage of noninterest-bearing transaction accounts, visit <http://www.fdic.gov/deposit/deposits/unlimited/expiration.html>

BUSINESS MMDA ACCOUNT 101318411

LAST STATEMENT 10/31/13	77,267.09
2 CREDITS	5,806.55
1 DEBITS	4,260.00
THIS STATEMENT 11/29/13	78,813.64

- - - - - DEPOSITS - - - - -			
REF #	DATE	AMOUNT	REF #
	11/21	5,797.29	

- - - - - OTHER CREDITS - - - - -			
DESCRIPTION	DATE	AMOUNT	
INTEREST	11/29	9.26	

- - - - - CHECKS - - - - -			
CHECK #	DATE	AMOUNT	CHECK #
1005	11/26	4,260.00	

* * * C O N T I N U E D * * *



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

536 00010 26
ACCOUNT:
DOCUMENTS:

101318411
1

PAGE: 1
12/31/2013

72

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

NOTICE OF EXPIRATION OF THE TEMPORARY FULL FDIC INSURANCE COVERAGE FOR
NONINTEREST-BEARING TRANSACTION ACCOUNTS
By operation of federal law, beginning Jan. 01, 2013, funds deposited in
a noninterest-bearing transaction account (including an Interest on
Lawyer Trust Account) no longer will receive unlimited deposit insurance
coverage by the Federal Deposit Insurance Corporation (FDIC). Beginning
Jan. 01, 2013, all of a depositor's accounts at an insured depository
institution, including all noninterest-bearing transaction accounts, will
be insured by the FDIC up to the standard maximum deposit insurance
amount (\$250,000), for each deposit insurance ownership category.
For more information about FDIC insurance coverage of noninterest-bearing
transaction accounts,
visit <http://www.fdic.gov/deposit/deposits/unlimited/expiration.html>

BUSINESS MMDA ACCOUNT 101318411

LAST STATEMENT 11/29/13 78,813.64
2 CREDITS 5,807.99
DEBITS .00
THIS STATEMENT 12/31/13 84,621.63

REF #.....DATE.....AMOUNT REF #.....DATE.....AMOUNT REF #.....DATE.....AMOUNT
12/16 5,797.29

DESCRIPTION OTHER CREDITS DATE AMOUNT
INTEREST 12/31 10.70

AVERAGE LEDGER BALANCE: 81,712.28 INTEREST EARNED: 10.70
AVERAGE AVAILABLE BALANCE: 81,349.95 DAYS IN PERIOD: 32
INTEREST PAID THIS PERIOD: 10.70 ANNUAL PERCENTAGE YIELD EARNED: .15%
INTEREST PAID 2013: 69.28

* * * CONTINUED * * *



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Professional Water and Wastewater Operations

**OPERATING
DIVISIONS**

MISSOURI

Atchison County

Bonne Terre

Boonville

Bowling Green

Buchanan County #1

Cameron

Cape Girardeau

East Central Missouri

**Water & Sewer
Authority**

Elsberry

Franklin County #1

Franklin County #3

**Henry County
Water Company**

Henry County #3

**Lake Ozark/
Osage Beach**

Lincoln County #1

Nevada

Parkville

Phelps County #2

Platte County #C-1

Proctor & Gamble

Ralls County #1

Russellville

Sedalia

St Charles County #2

St Genevieve

Versailles

IOWA

Maquoketa

Tipton

TENNESSEE

South Fulton

REPORT OF OPERATIONS

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

Month of November 2013

Submitted by Alliance Water Resources, Inc. for the

January 2014

Joint Sewer Board Meeting

SUMMARY OF FACILITY OPERATION

The Lake Ozark/Osage Beach Joint WWTP produced superior effluent quality throughout the month and was in full compliance with effluent limitations established in NPDES Permit No.MO-01013241. 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

	<u>BOD</u> <u>mg/l</u>	<u>TSS</u> <u>mg/l</u>	<u>pH</u>	<u>Fecal Coliform</u> <u>Colonies/100 ml</u>
Monthly Average	1.5	1.2	NA	0
Peak Day	1.7	1.6	7.9	0
Percent Removal	99.2	99.4	NA	NA

NPDES EFFLUENT LIMITATIONS

	<u>BOD</u> <u>mg/l</u>	<u>TSS</u> <u>mg/l</u>	<u>pH</u>	<u>Fecal Coliform</u> <u>Colonies/100 ml</u>
Monthly Average	30	30	6-9	400 col/100 ml
Weekly Average	45	45		

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 0.923 MGD or 31% of Permitted flow with Lake Ozark contributing 17% of the total flow and Osage Beach contributing 83%. Daily influent flow BOD and TSS data is presented in Table A. Daily flow for the month and rainfall are shown in Figure 2. A three-year flow history for each of the two cities is presented in Table B.

Organic loading for the month was 45586 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

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

618,117 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 205,000 gallons with a level of 4.0 feet in Tank 1 and 0.0 feet in Tank 2.

WASTEHAULERS

The plant received 15 loads of septage during the month totaling 37,500 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 pulled all the UV Banks, cleaned and stored them in the UV control room for the winter on the 15th of November.
- We started draining Clarifier #1 on the 15th and finished cleaning & inspecting it on the 19th. Lake Ozark came out that same day with their boom truck to assist in getting the barrels of dead algae and trash out. Many Thanks!

SAFETY

- We conducted our monthly routine Safety Meeting on Work Area Protection & Traffic Around the Job Sites on the 12th of November.

REGULATORY AGENCY, INSPECTION AND REPORTS

- Mailed DMR to MDNR on the 9th of December.
- We received our 4th quarter 503 regs lab results on the 13th of November. (see attachment)

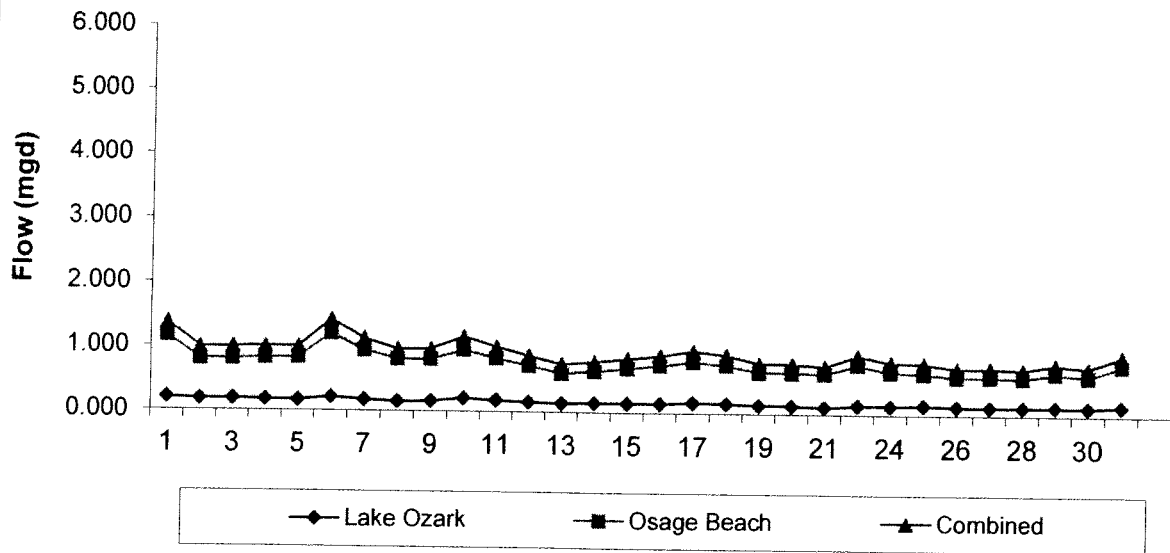
MISCELLANEOUS AND RECOMMENDATIONS

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF November 2013

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-Nov	0.6	0.209	1.168	1.377	15.2	84.8	130	190	198	96	180	200
2-Nov		0.183	0.810	0.993	18.4	81.6						
3-Nov		0.187	0.813	1.000	18.7	81.3						
4-Nov		0.177	0.832	1.009	17.5	82.5						
5-Nov	0.3	0.170	0.837	1.007	16.9	83.1						
6-Nov	1	0.216	1.210	1.426	15.1	84.9						
7-Nov		0.181	0.951	1.132	16.0	84.0						
8-Nov		0.154	0.818	0.972	15.8	84.2	95	230	178	92	284	182
9-Nov		0.163	0.816	0.979	16.6	83.4						
10-Nov		0.210	0.962	1.172	17.9	82.1						
11-Nov		0.178	0.835	1.013	17.6	82.4						
12-Nov		0.158	0.724	0.882	17.9	82.1						
13-Nov		0.142	0.610	0.752	18.9	81.1						
14-Nov		0.150	0.645	0.795	18.9	81.1						
15-Nov		0.152	0.694	0.846	18.0	82.0	165	243	193	136	156	168
16-Nov		0.151	0.751	0.902	16.7	83.3						
17-Nov		0.170	0.805	0.975	17.4	82.6						
18-Nov		0.161	0.752	0.913	17.6	82.4						
19-Nov		0.138	0.652	0.790	17.5	82.5						
20-Nov		0.135	0.647	0.782	17.3	82.7						
21-Nov	0.2	0.115	0.639	0.754	15.3	84.7						
22-Nov	0.4	0.148	0.776	0.924	16.0	84.0	218	233	238	186	248	256
23-Nov		0.146	0.671	0.817	17.9	82.1						
24-Nov		0.155	0.651	0.806	19.2	80.8						
25-Nov		0.138	0.597	0.735	18.8	81.2						
26-Nov		0.133	0.605	0.738	18.0	82.0						
27-Nov		0.132	0.586	0.718	18.4	81.6	195	285	180	156	176	172
28-Nov		0.139	0.661	0.800	17.4	82.6						
29-Nov		0.133	0.614	0.747	17.8	82.2						
30-Nov		0.151	0.783	0.934	16.2	83.8						
SUM	2.5	4.775	22.915	27.690								
AVG		0.159	0.764	0.923	17	83	161	236	197	133	209	196
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

**Daily Flow
Figure 1**



**Effect of Rainfall on Flow
Figure 2**

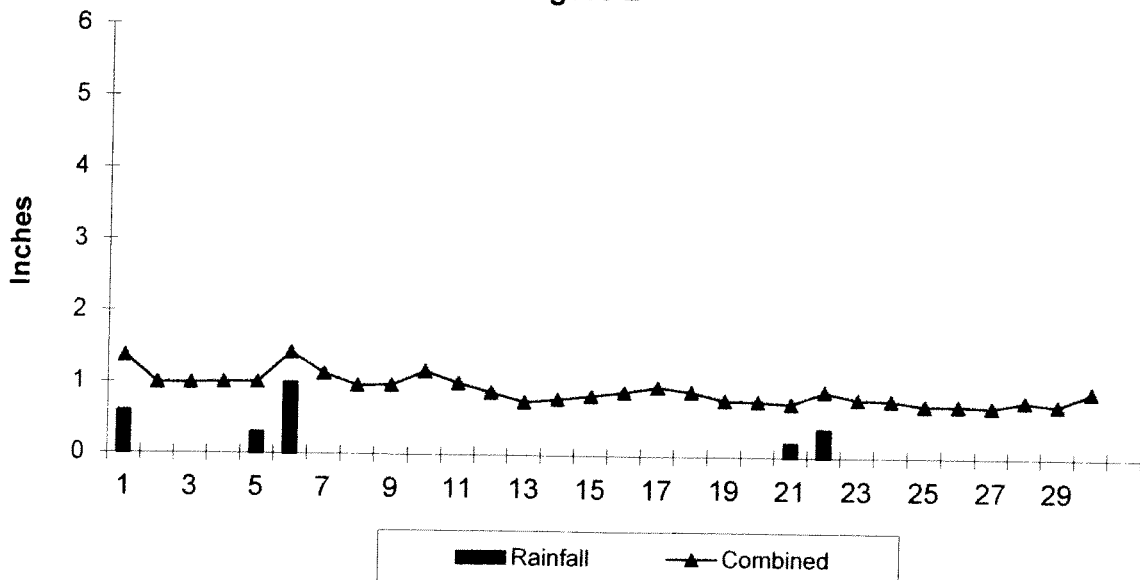


TABLE B
JOINT SEWER BOARD
Monthly Flows

<u>2011</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	0.8	15,566,000	78%	4,395,000	22%	19,961,000	100%
February	4.8	19,737,000	80%	5,030,000	20%	24,767,000	100%
March	4.7	25,055,000	80%	6,183,000	20%	31,238,000	100%
April	4.8	26,299,000	81%	6,158,000	19%	32,457,000	100%
May	11.8	37,286,000	81%	8,523,000	19%	45,809,000	100%
June	4.4	38,748,000	83%	7,821,000	17%	46,569,000	100%
July	0.3	47,316,000	84%	9,297,000	16%	56,613,000	100%
August	6.5	44,175,000	84%	8,704,000	16%	52,879,000	100%
September	2.7	32,672,000	82%	6,999,000	18%	39,671,000	100%
October	2.3	28,932,000	82%	6,388,000	18%	35,320,000	100%
November	5.6	24,495,000	81%	5,589,000	19%	30,084,000	100%
December	3.5	22,789,000	81%	5,298,000	19%	28,087,000	100%

52.1	363,070,000	81%	75,087,000	19%	443,455,000	100%
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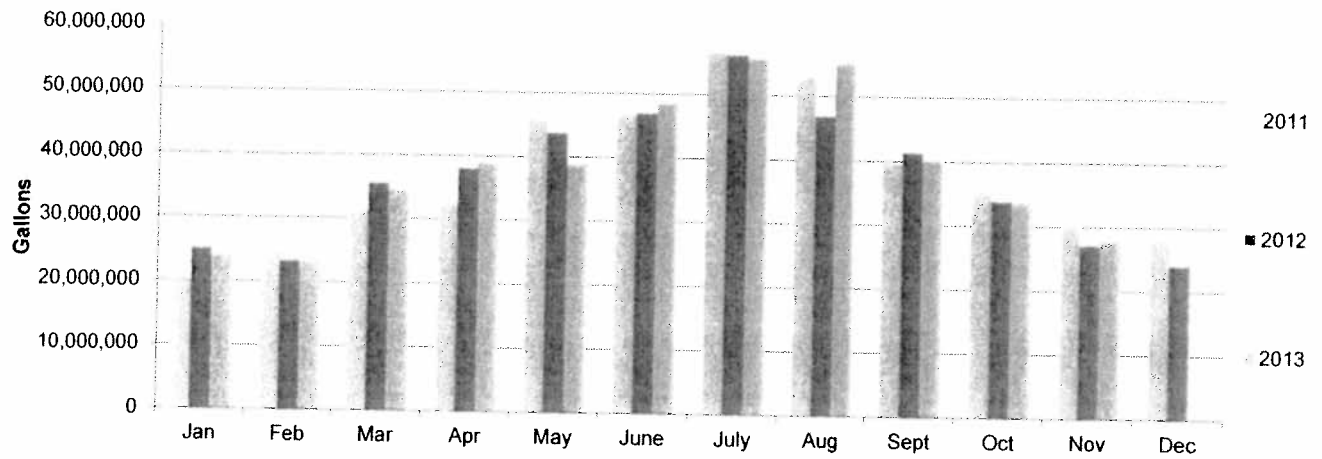
<u>2012</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	0.7	20,401,000	82%	4,577,000	18%	24,978,000	100%
February	2.4	18,682,000	80%	4,563,000	20%	23,245,000	100%
March	6.3	28,720,000	81%	6,779,000	19%	35,499,000	100%
April	8.0	30,919,000	81%	7,049,000	19%	37,968,000	100%
May	1.6	35,910,000	82%	7,801,000	18%	43,711,000	100%
June	1.4	39,021,000	83%	7,841,000	17%	46,862,000	100%
July	1.4	46,676,000	83%	9,443,000	17%	56,119,000	100%
August	1.0	39,227,000	84%	7,571,000	16%	46,798,000	100%
September	6.5	34,629,000	84%	6,696,000	16%	41,325,000	100%
October	3.6	28,634,000	85%	5,240,000	15%	33,874,000	100%
November	1.1	22,996,000	85%	4,113,000	15%	27,109,000	100%
December	1.4	20,460,000	84%	3,832,000	16%	24,292,000	100%

35.2	366,275,000	83%	75,505,000	17%	441,780,000	100%
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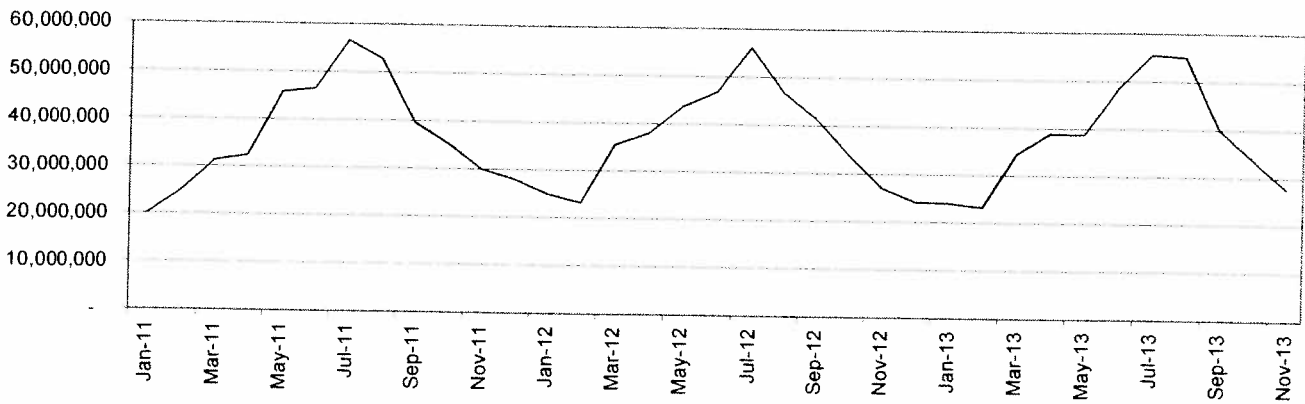
<u>2013</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	2.8	19,923,000	83%	4,104,000	17%	24,027,000	100%
February	4.2	19,290,000	83%	3,979,000	17%	23,269,000	100%
March	5.3	28,232,000	82%	6,308,000	18%	34,540,000	100%
April	8.7	31,410,000	81%	7,507,000	19%	38,917,000	100%
May	2.9	32,247,000	83%	6,560,000	17%	38,807,000	100%
June	4.6	40,205,000	83%	8,185,000	17%	48,390,000	100%
July	2.2	46,803,000	84%	8,794,000	16%	55,597,000	100%
August	15.0	45,742,000	83%	9,351,000	17%	55,093,000	100%
September	2.3	33,128,000	83%	6,869,000	17%	39,997,000	100%
October	3.6	27,722,000	82%	5,996,000	18%	33,718,000	100%
November	2.5	22,915,000	83%	4,775,000	17%	27,690,000	100%
December							

54.1	347,617,000	83%	72,428,000	17%	420,045,000	100%
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**Monthly Influent Flow
Figure 3A**

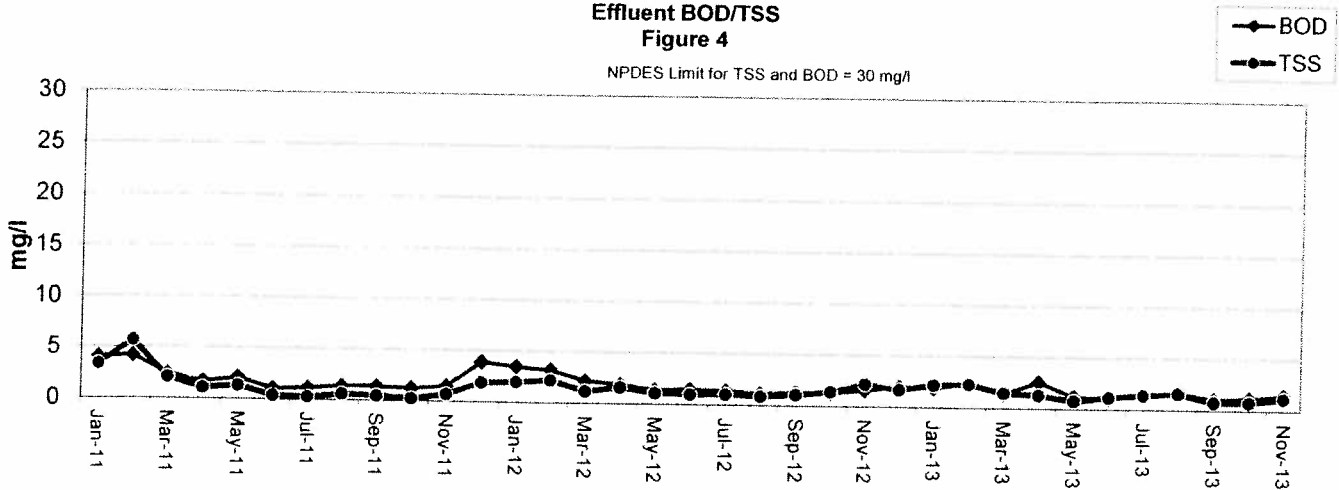


**Monthly Influent Flow
Figure 3B**

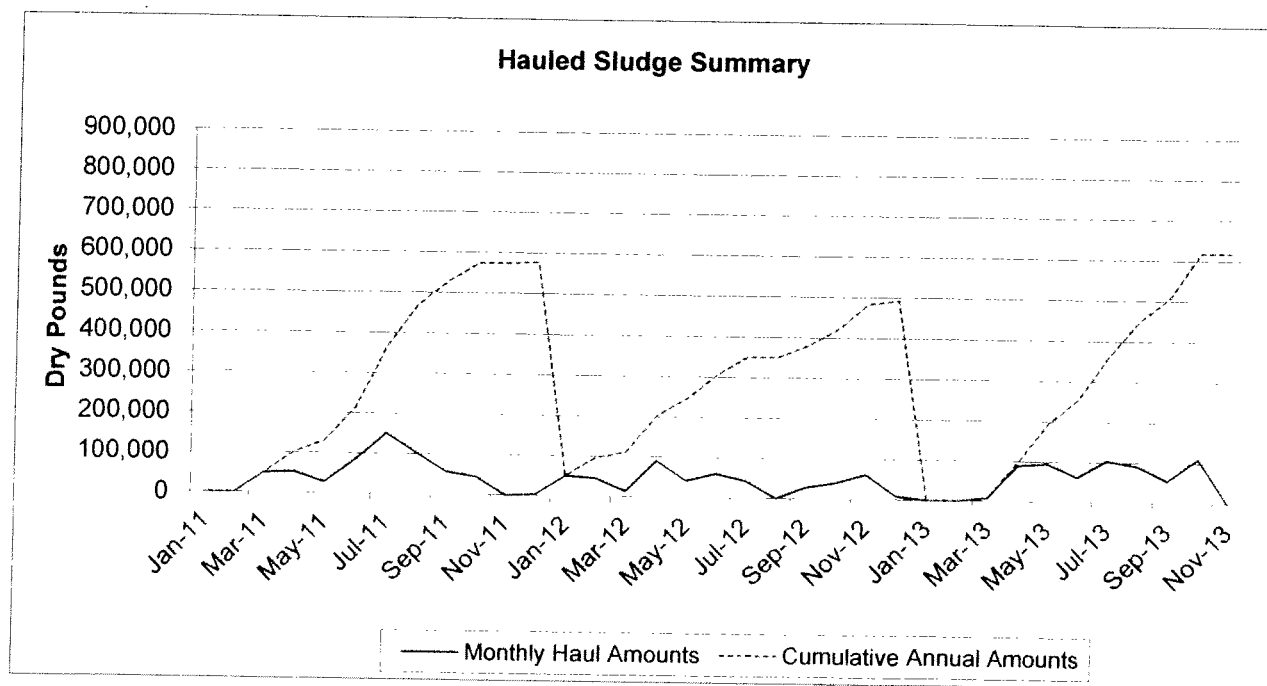
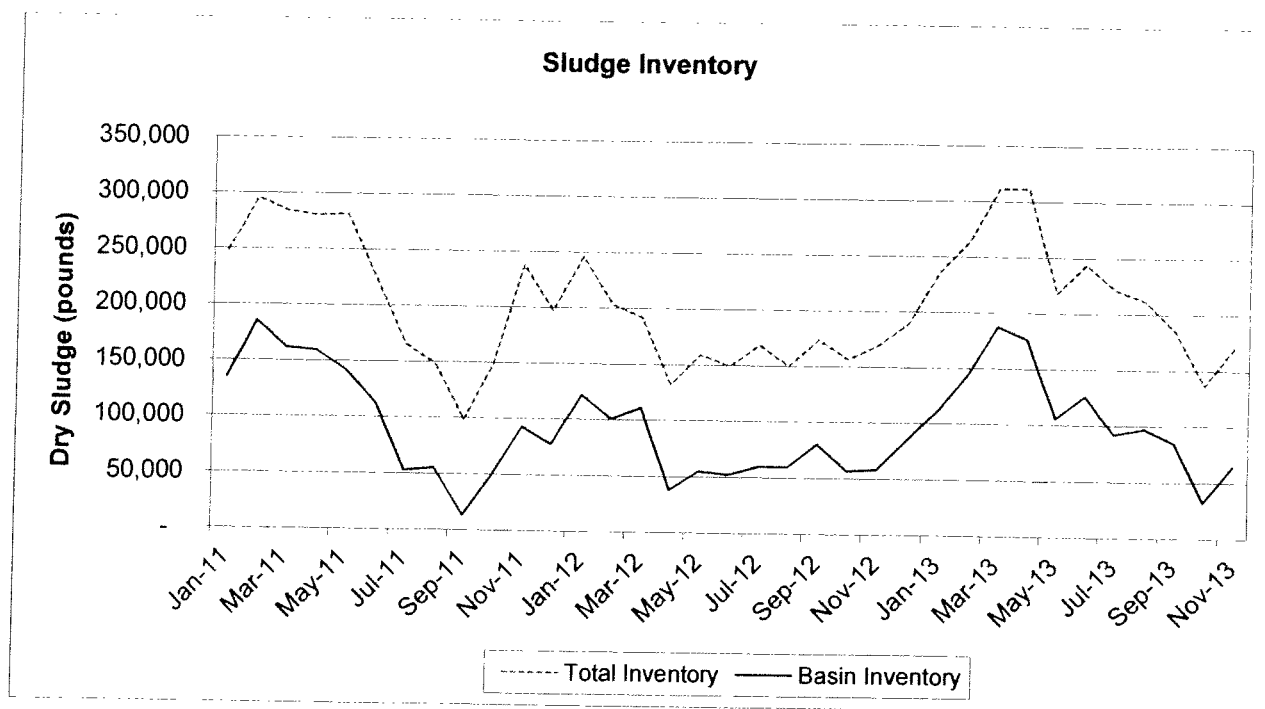


**Effluent BOD/TSS
Figure 4**

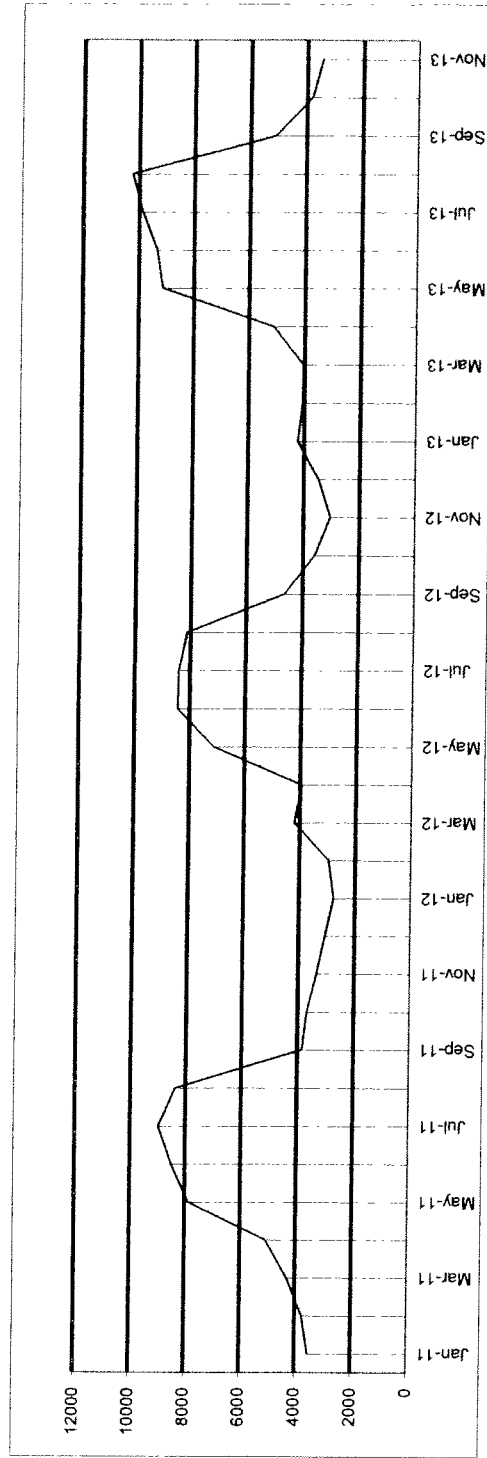
NPDES Limit for TSS and BOD = 30 mg/l



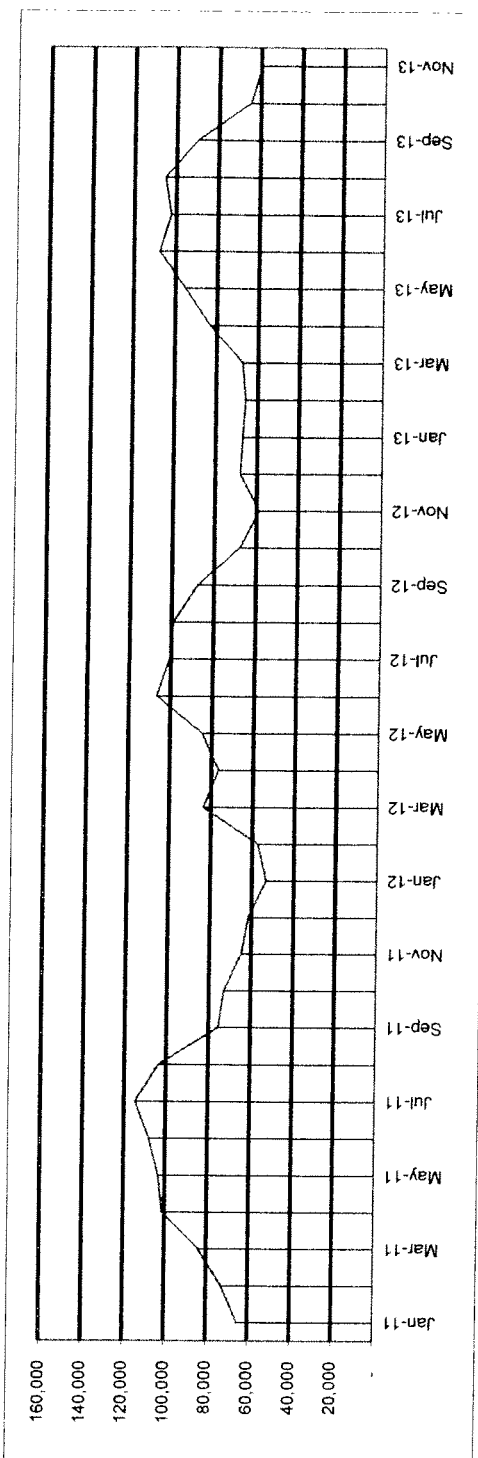
	Loads	Gallons	Hauled Sludge		% Solids	Annual Cumulative # Dry	Basin Depths			Blanket Depths			MLSS Inventory			Blanket and MLSS Inventory			MLSS		Total Dry	Accepted Septage Loads	Gallons
			# Dry	0			4.5%	Tank #1	Tank #2	AB #1	AB #2	Clarf #1	Clarf #2	Clarf #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	Sludge Inventory			
Jan-11	0	-	-	0	4.5%	-	5.5	2.5	0.0	360,000	135,108	1.0	2.0	0.0	3,520	3,653,286	113,495	0.00373	248,603	19	45,000		
Feb-11	0	-	-	0	4.5%	-	6.0	5.0	0.0	495,000	185,774	2.5	2.0	0.0	3,580	3,679,929	109,872	0.00358	295,646	6	15,000		
Mar-11	43	159,100	49,803	3.8%	49,803	-	7.5	4.0	0.0	517,500	161,993	1.0	1.0	0.5	4,100	3,940	122,615	0.00402	284,608	25	59,000		
Apr-11	45	166,500	53,692	3.9%	103,496	-	7.0	4.0	0.0	495,000	159,625	2.0	3.0	2.0	3,130	3,775,666	120,761	0.00384	280,385	27	70,300		
May-11	24	88,800	28,051	3.8%	131,546	-	5.5	4.5	0.0	450,000	142,150	2.0	2.0	2.5	4,960	3,779,618	139,958	0.00444	282,108	39	101,500		
Jun-11	78	288,600	85,043	3.5%	216,589	-	3.5	5.0	0.0	382,500	112,713	3.0	2.0	2.0	3,500	3,775,666	111,156	0.00353	223,869	36	96,000		
Jul-11	138	510,600	150,712	3.5%	367,301	-	4.0	0.0	0.0	180,000	53,130	1.5	2.5	1.0	3,740	3,714,476	112,917	0.00365	166,047	51	127,500		
Aug-11	91	336,700	103,837	3.7%	471,138	-	2.0	2.0	0.0	180,000	55,511	2.0	2.0	1.5	2,840	3,736,190	92,700	0.00298	148,212	47	118,500		
Sep-11	52	192,400	57,488	3.6%	528,626	-	0.0	1.0	0.0	45,000	13,446	2.5	2.5	1.5	2,530	3,753,952	85,001	0.00272	98,447	68	175,000		
Oct-11	33	122,100	45,361	4.5%	573,987	-	0.0	3.0	0.0	135,000	50,153	2.0	2.5	1.0	3,470	3,723,357	99,524	0.00321	149,678	17	42,500		
Nov-11	0	-	0	4.5%	573,987	-	3.0	2.5	0.0	247,500	92,887	2.0	3.0	2.0	4,610	3,775,666	145,165	0.00461	238,051	18	45,500		
Dec-11	5	18,500	3,549	2.3%	577,536	-	6.0	3.0	0.0	405,000	77,694	3.0	4.0	0.0	3,850	3,724,334	119,585	0.00385	197,279	15	37,500		
Jan-12	46	170,200	51,317	3.6%	51,317	-	5.5	3.5	0.0	405,000	122,112	2.0	1.5	0.0	4,060	3,662,167	124,002	0.00406	246,114	18	43,500		
Feb-12	42	155,400	46,472	3.6%	97,789	-	4.5	3.0	0.0	337,500	100,929	1.0	1.0	0.0	3,380	3,635,524	102,483	0.00338	203,411	17	42,500		
Mar-12	12	44,400	14,627	4.0%	112,416	-	5.5	2.0	0.0	337,500	111,185	2.0	2.0	1.5	2,890	3,736,190	81,016	0.0026	192,201	39	103,500		
Apr-12	96	318,200	90,939	3.4%	203,355	-	2.0	1.0	0.0	135,000	38,582	2.0	2.5	2.5	2,870	3,788,499	93,682	0.00297	132,264	37	86,500		
May-12	47	173,900	42,646	2.9%	246,001	-	3.0	2.0	0.0	225,000	55,177	2.0	2.0	2.0	3,070	3,757,904	104,365	0.00333	159,543	26	65,000		
Jun-12	56	207,200	60,513	3.5%	306,514	-	1.0	3.0	0.0	180,000	52,569	1.0	3.0	1.0	3,560	3,714,476	96,609	0.00313	149,378	55	138,000		
Jul-12	45	166,500	44,127	3.2%	350,641	-	5.0	2.5	0.0	225,000	59,631	2.0	1.5	1.0	3,650	3,705,595	109,093	0.00353	168,725	36	80,000		
Aug-12	0	-	0	0.0%	350,641	-	2.5	3.0	0.0	337,500	80,605	1.0	2.0	1.5	3,440	3,718,428	90,399	0.00292	150,030	36	80,000		
Sep-12	33	122,100	29,161	2.9%	379,802	-	4.5	3.0	0.0	202,500	56,745	2.0	0.0	2.5	3,080	3,744,094	93,521	0.003	174,126	37	91,500		
Oct-12	40	148,000	41,473	3.4%	421,275	-	4.5	0.0	0.0	180,000	58,460	1.5	0.0	1.5	3,160	3,691,785	99,758	0.00324	156,503	33	76,500		
Nov-12	52	192,400	62,487	3.9%	483,762	-	2.0	2.0	0.0	202,500	85,378	0.0	5.0	2.0	3,970	3,775,666	111,156	0.00353	169,616	32	66,500		
Dec-12	9	33,300	9,720	3.5%	493,482	-	5.0	1.5	0.0	292,500	85,378	4.0	1.5	0.0	4,030	3,697,691	104,081	0.00338	189,459	48	120,000		
Jan-13	0	-	0	3.5%	-	-	6.0	2.5	0.0	382,500	111,652	1.5	2.0	0.0	4,120	3,662,167	124,155	0.00407	235,807	26	65,000		
Feb-13	0	-	0	3.5%	-	-	6.0	5.0	0.0	495,000	144,491	1.5	2.0	1.0	4,000	3,696,714	119,314	0.00387	263,805	56	110,000		
Mar-13	8	29,600	8,517	3.5%	8,517	-	8.0	6.5	0.0	652,500	187,748	2.0	2.0	1.0	4,030	3,714,476	123,915	0.004	311,663	21	52,500		
Apr-13	74	273,800	89,488	3.9%	98,005	-	6.0	6.0	0.0	540,000	176,492	2.5	2.0	2.0	4,620	3,766,785	135,084	0.0043	311,576	24	60,000		
May-13	82	303,400	95,228	3.8%	193,233	-	3.5	4.0	0.0	337,500	105,931	3.0	5.0	2.0	3,970	3,828,952	111,767	0.0035	217,698	36	85,500		
Jun-13	57	199,800	62,210	3.7%	255,443	-	6.0	3.0	0.0	405,000	126,101	1.0	7.0	2.0	3,850	3,828,952	117,994	0.0037	244,095	47	117,500		
Jul-13	94	358,900	105,164	3.5%	360,607	-	6.0	1.0	0.0	315,000	92,301	1.5	2.0	1.0	3,950	3,705,595	129,181	0.00418	221,482	58	137,500		
Aug-13	74	273,800	90,969	4.0%	451,576	-	6.5	0.0	0.0	292,500	97,182	2.0	2.5	2.0	3,580	3,766,785	114,036	0.00363	211,218	57	142,500		
Sep-13	48	177,600	56,069	3.8%	507,645	-	5.0	1.0	0.0	270,000	85,240	2.0	1.5	1.5	3,150	3,727,309	100,252	0.00323	185,492	39	97,500		
Oct-13	83	307,100	110,472	4.3%	618,117	-	2.0	0.0	0.0	90,000	32,375	2.0	2.0	2.0	2,950	3,757,904	103,895	0.00332	136,271	32	80,000		
Nov-13	0	-	0	4.3%	618,117	-	4.0	0.0	0.0	180,000	64,552	1.0	0.0	1.0	3,220	3,661,190	106,259	0.00348	170,811	15	37,500		



Electric Cost



Kilowatts Used



Electric Cost Kilowatts Used

Jan-11	3547	65,206
Feb-11	3757	72,752
Mar-11	4309	84,045
Apr-11	5092	101,440
May-11	7876	103,396
Jun-11	8505	108,021
Jul-11	8983	114,906
Aug-11	8382	103,698
Sep-11	3848	75,430
Oct-11	3697	73,005
Nov-11	3345	64,695
Dec-11	3064	61,670
Jan-12	2784	53,291
Feb-12	2962	57,492
Mar-12	4200	83,720
Apr-12	3943	76,650
May-12	7120	84,700
Jun-12	8431	106,650
Jul-12	8404	100,910
Aug-12	8121	99,190
Sep-12	4653	87,730
Oct-12	3588	67,820
Nov-12	3050	58,850
Dec-12	3472	68,170
Jan-13	4240	66,990
Feb-13	4069	65,810
Mar-13	4056	67,500
Apr-13	5132	83,390
May-13	9135	95,360
Jun-13	9331	107,780
Jul-13	9861	102,490
Aug-13	10255	105,350
Sep-13	5108	89,830
Oct-13	3806	64,870
Nov-13	3459	59,610



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							
Nov-13		MO-0103241			#001		Oxidation Ditch/UV/Sludge Holding-sludge is land applied							
INFLUENT					EFFLUENT								% Removal	
DATE	pH UNITS	BOD mg/L	TSS mg/L	TEMP °C	FLOW MGD	pH UNITS	BOD mg/L	TSS mg/L	Ammonia as N mg/l	DO mg/L	E. coli COLFRM #/100 ML	TEMP °C	BOD mg/L	TSS mg/L
1	7.4	198	200	17.2	1.726	7.6	1.7	1.6		5.9		16.4	99.1	99.2
2	7.2			17.4	1.233	7.9				6.5		15.7		
3	7.4			15.6	1.359	7.8				6.6		14.3		
4	7.2			17.4	1.401	7.8				6.3		15		
5	7.3			17.2	1.283	7.9				5.9		15.3		
6	7.2			16.9	1.688	7.8				5.0		15.3		
7	7.2			16.8	1.562	7.8			0.4	5.8		14.9		
8	7.3	178	182	16.5	1.358	7.8	1.3	0.8		6.8		14.4	99.3	99.6
9	7.3			16.6	1.270	7.8				6.0		14.5		
10	7.2			17.1	1.485	7.8				5.5		14.4		
11	7.4			16.5	1.366	7.8				5.4		14.7		
12	7.2			15.7	1.233	7.9				5.8		12.5		
13	7.1			15.9	1.141	7.8				6.7		11.6		
14	7.3			15	1.266	7.8			0.05	6.8		10.9		
15	7.3	193	168	15.9	1.206	7.8	1.7	1		6.3		12.2	99.1	99.4
16	7.3			16.3	1.294	7.8				6.2		13.7		
17	7.1			17.7	1.348	7.8				5.8		15.7		
18	7.2			15.7	1.207	7.8				6.1		15.7		
19	7.3			14.7	1.155	7.9				6.3		12.8		
20	7.2			15.4	1.164	7.8				6.3		12.8		
21	7.2			15.2	0.983	7.9			0.05	6.7		13		
22	7.2	238	256	15	1.228	7.7	1.3	1.6		6.7		12.2	99.5	99.4
23	7.3			14.6	1.224	7.9				7.4		11.5		
24	7.3			13.8	1.294	7.9				8.1		9.1		
25	7.4			13.9	1.240	7.9				7.6		9.7		
26	7.3			13.4	1.211	7.7				7.2		9.5		
27	7.4	180	172	13.5	1.227	7.7	1.3	1	0.05	7.8		8.9	99.3	99.4
28	7.2			13.6	1.370	7.6				7.9		8.7		
29	7.3			13.1	1.215	7.8				8.4		8.5		
30	7.4			12.6	1.338	7.7				7.7		9.2		
Total					39.075									
Avg		197	196	15.5	1.303		1.5	1.2	0.14	6.6	0.0	12.8	99.3	99.4
Min	7.1	178	168	12.6	0.983	7.6	1.3	0.8	0.05	5.0	0.0	8.5	99.1	99.2
Max	7.4	238	256	17.7	1.726	7.9	1.7	1.6	0.4	8.4	0.0	16.4	99.5	99.6

MONTHLY EFFLUENT MONITORING		QUARTERLY EFFLUENT MONITORING	
DATE	Oil & Grease mg/L	Selenium µg/L	Zinc µg/L
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11	< 5.0		
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
Total			
Avg	< 5.0	0.00	0.00
Min	< 5.0	0.00	0.00
Max	< 5.0	0.00	0.00

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		1.3	3,300	390	16.3	1.5	3,480	450	16.5	46	0.6	7:30
2		2.5	2,880	350	15.3	2.6	3,340	470	15.6	47		7:30
3		3.9	2,640	350	13.9	2.3	3,540	600	14.3	36		7:30
4		2.8	2,330	280	14.7	1.7	3,390	380	15	52		7:30
5		2.6	3,490	400	15.6	1.5	3,440	430	15.9	56	0.3	7:30
6		1.3	3,340	450	15.5	1.3	2,660	310	16	49	1	7:30
7		2.8	3,330	380	14.4	1.5	3,160	390	14.8	37		7:30
8		3.2	3,090	310	14	4.1	2,350	290	14.2	36		7:30
9		3.0	3,250	380	14.6	2.2	3,390	430	14.8	48		7:30
10		1.5	3,420	420	14.2	2.1	3,180	420	14.4	39		7:30
11		1.5	3,770	510	14.8	1.5	2,780	380	14.9	53		7:30
12		2.8	3,770	500	12.9	3.6	2,910	440	12.9	29		7:30
13		3.4	3,630	500	11.6	4.9	2,940	400	11.7	24		7:30
14		3.3	3,220	420	10.8	5.2	3,590	570	10.9	27		7:30
15		2.9	3,020	470	12.4	1.6	3,720	550	12.5	48		7:30
16		3.1	3,430	450	13.6	3.3	3,230	450	13.5	56		7:30
17		1.5	4,280	550	15.8	1.9	2,600	310	15.6	69		7:30
18		1.5	4,110	550	13.8	2.7	3,910	370	13.9	41		7:30
19		1.9	3,720	480	13	4.4	3,550	470	12.8	34		7:30
20		2.4	3,110	350	12.7	3.5	3,280	450	12.7	45		7:30
21		1.4	3,220	360	13.6	2.3	3,810	470	13.4	52	0.2	7:30
22		2.5	3,200	370	12.7	1.6	4,360	540	12.7	35	0.4	7:30
23		4.1	3,100	370	11.3	4.3	3,700	490	11.6	32		7:30
24		5.2	2,430	400	9.8	5	3,810	520	9.9	18		7:30
25		4.1	3,550	450	9.9	5.2	3,650	440	9.9	35		7:30
26		4.2	3,810	510	9.5	5.1	3,860	480	10	30		7:30
27		4.1	3,660	520	9.4	5.4	3,300	450	9.1	23		7:30
28		5.2	3,600	480	8.7	5.4	3,610	580	9.3	29		7:30
29		4.9	3,830	550	8.9	5.6	3,480	500	9	27		7:30
30		4.6	3,220	400	7.6	5.5	3,740	500	9.2	31		7:30
COMMENTS:												

COMMENTS:

TESTS PERFORMED BY (PRINT)	SIGNATURE	PHONE #	DATE
John Hornback	<i>John Hornback</i>	(573)365-0455	12/9/2013
REPORT APPROVED BY (PRINT)	SIGNATURE	PHONE #	DATE
Gary Hutchcraft	<i>Gary Hutchcraft</i>	(573)365-0455	12/9/2013

*Required Daily (Monday - Friday)

**Required 1/week

LAKE OZARK/OSAGE BEACH WWTP

Operation Report

FOR NOVEMBER 2013

ID	NAME	PLANT TALLY SHEET										ENVIRONMENTAL CONDITIONS										COMPARISON INDEX NO. 3										PLANT EFFICIENCY										RETURN VALUE		WASTE VALUE TO STORAGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		HEIGHT					TEMPERATURE					WATER					WIND					DEPTH					SLOPE					CLIMATE					PLANT					PLANT	WASTE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474

Use following abbreviations P-rain, S-snow, O-overcast, C-clear, PC-partly cloudy;
Prepared by GH, FH, JH

Approved by: _____ GH

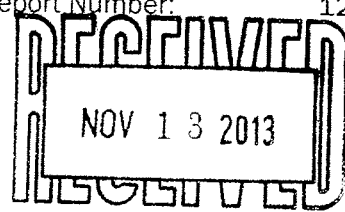
Date 9/9/2013

Environmental Analysis South, Inc

4000 East Jackson Blvd. - Jackson MO 63755 - 573-204-8817 - Fax 573-204-8818

Lake Ozark Regional WWTP
Alliance Lake of the Ozarks
P. O. Box 1985
Lake Ozarks, MO 65049

Report Number: 123564



Report of Analysis

Reference:

The analysis of biosolids from wastewater treatment facilities is conducted in accordance with 40 CFR Part 503.

Log Number: 1611709 Sample Description: Quarterly Sludge Sample Date: 10/7/2013 Sample Received Date: 10/8/2013

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Fecal Coliform in Sludge	26,500	CFU/g	SM-9222 D-97		10/08/13	102
Total Solids Average	3.70	% w/w	SM-2540 G-97		10/08/13	102

Nutrients

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Phosphorus	18800	mg/Kg	SM-20 4500-P E-99		10/15/13	133

PAN Group

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Ammonia as Nitrogen	8,490	mg/Kg	Lachat-10-107-06-1-K		10/24/13	102
Kjeldahl Nitrogen	39,700	mg/Kg	Lachat-10-107-06-2-K		10/18/13	102
Nitrate as Nitrogen	< 55	mg/Kg	EPA-300.0 Rev. 2		10/14/13	133
Nitrite as Nitrogen	< 55	mg/Kg	EPA-300.0 Rev. 2		10/14/13	133
Organic Nitrogen	31,200	mg/Kg	Lachat-10-107-06-2-K		10/24/13	102
PAN - Subsurface Application	14730	ppm	Calculation		10/29/13	127
PAN - Surface Application	12183	ppm	Calculation		10/29/13	127

Preparation Methods

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Anions IC Sample Preparation	1	Prep	SM-4110B-00		10/08/13	133
Metals ICP Sample Digestion	1	Prep	EPA-200.7 Rev. 4.4	PDC	10/17/13	
Total Metals Flame-AA Digestion	1	Prep	EPA-200.2		10/08/13	133

Environmental Analysis South, Inc

4000 East Jackson Blvd. - Jackson MO 63755 - 573-204-8817 - Fax 573-204-8818

Lake Ozark Regional WWTP
Alliance Lake of the Ozarks
P. O. Box 1985
Lake Ozarks, MO 65049

Report Number: 123564

Report of Analysis

Log Number: 1611709
Sample Description: Quarterly Sludge

Sample Date:
10/7/2013

Sample Received Date:
10/8/2013

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Total Solids	3.64	% w/w	SM-2540 G-97		10/10/13	133

Total (Total Recoverable) Trace Metals

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Arsenic by ICP	< 3.0	mg/Kg	EPA-200.7 Rev. 4.4	PDC	10/17/13	
Cadmium	3.2	mg/Kg	SM-3111 B-99		10/17/13	133
Chromium	< 0.5	mg/Kg	SM-3111 B-99		10/18/13	133
Copper	481	mg/Kg	SM-3111 B-99		10/17/13	133
Lead by ICP	19	mg/Kg	EPA-200.7 Rev. 4.4	PDC	10/17/13	
Mercury by Cold-Vapor Technique	< 0.10	mg/Kg	SM-3112 B-99		10/30/13	133
Molybdenum by ICP	5.7	mg/Kg	EPA-200.7 Rev. 4.4	PDC	10/17/13	
Nickel	< 1.5	mg/Kg	SM-3111 B-99		10/17/13	133
Potassium	1180	mg/Kg	SM-3111 B-99		10/10/13	133
Selenium by ICP	< 2.0	mg/Kg	EPA-200.7 Rev. 4.4	PDC	10/17/13	
Zinc	0.36	mg/Kg	SM-3111 B-99		10/15/13	133

Respectfully submitted,



David F. Warren

Comments:

PDC This parameter or group of analytes was analyzed by the subcontracting lab - PDC Lab
Saint Louis, MO

Environmental Analysis South
4000 East Jackson Blvd. * Jackson, MO 63755
Telephone (573) 204-8817 * Fax (573) 204-8818
ALLIANCE-LAKE OZARK

CHAIN OF CUSTODY RECORD

Client:

Address: #3 ANDERSON RD. / P.O. Box 1985
City/State/Zip: LAKE OZARK, MO 65049
PO Number: N/A ☐ Rush Requested (Due Date: _____)

Sampler's Signature:

Date: 10/7/13 Time: 3:20 ☐ See Table

Additional Comments:

[illegible]

FECAL COLIFORM IN SLUDGE

Standard Methods 18th edition method 9222D/SW-846 method 9132

Log # 1611709

Date: 10/8/2013

Analyst: 133

Total Solid calculation

Sample	Sample Size	Tare Weight	Tare Wt. + Res.	Residue Wt.	Final Result
Replicate	(grams)	(grams)	(grams)	(grams)	(%w/w)
A	25.6382	2.2373	3.1942	0.9569	3.73
B	25.2841	2.1931	3.1416	0.9485	3.75
C	28.2251	2.1165	3.1747	1.0582	3.75
D	24.9988	2.1296	3.0555	0.9259	3.7
E	22.2340	2.2367	3.0319	0.7952	3.58
F	28.4238	2.2824	3.3243	1.0419	3.67
G	29.4358	2.2237	3.3104	1.0867	3.69
				Average Total Solid	3.7

Colony Counts

Date: 10/8/2013

Analyst: 133

Sample	Wt. Of Sample	Sample Size	Colony Count	Final Count
Replicate	(grams)	(mls - 0.1, 1.0, 10)	used	#/gram (dry)
A	0.3644	1	5	36,800
B	0.3398	1	5	39,200
C	0.3003	1	3	26,600
D	0.4161	1	1	6,500
E	0.3073	1	2	18,200
F	0.3333	1	6	49,100
G	0.3906	1	6	41,600
Geometric Average				26,500

Approved by:



Environmental Analysis South, Inc.
Clarification Coagulant Sludges
Sludge Analysis

11/5/2013

Submitted by: Alliance Lake Ozarks					
Log Number: 1611709					
pH					
Coliform					
Parameter	Wet %	Wet ppm	Dry %	Dry ppm	lbs/dry tons
Moisture			96.36		
Solids			3.64		
Volatile Solids					
Ash					
Nitrogen (TKN)	0.144%	1444.716	3.969%	39690.000	79.380
Nitrate N	0.000%	0.000	0.000%	ND	0.000
Nitrite N	0.000%	0.000	0.000%	ND	0.000
Ammonia N	0.031%	309.036	0.849%	8490.000	16.980
Organic N	0.114%	1135.680	3.120%	31200.000	62.400
PAN Surface Application	0.044%	443.461	1.218%	12183.000	24.366
PAN Subsurface Application	0.054%	536.172	1.473%	14730.000	29.460
Potassium (as K)	0.004%	42.952	0.118%	1180.000	2.360
Phosphorus (as P)	0.068%	684.320	1.880%	18800.000	37.600
Arsenic (as As)	ND	ND	ND	ND	ND
Cadmium (as Cd)	0.000%	0.116	0.000%	3.200	0.006
Chromium (as Cr)	ND	ND	ND	ND	ND
Copper (as Cu)	0.002%	17.508	0.048%	481.000	0.962
Molybdenum (as Mo)	0.000%	0.207	0.001%	5.700	0.011
Nickel (as Ni)	ND	ND	ND	ND	ND
Lead (as Pb)	0.000%	0.692	0.002%	19.000	0.038
Selenium (as Se)	ND	ND	ND	ND	ND
Zinc (as Zn)	0.000%	0.013	0.000%	0.360	0.001
Mercury (as Hg)	ND	ND	ND	ND	ND
code ND = none detected					
code NT = not tested					

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Professional Water and Wastewater Operations

**OPERATING
DIVISIONS**

MISSOURI

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

IOWA

Maquoketa
Tipton

TENNESSEE

South Fulton

REPORT OF OPERATIONS

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

Month of December 2013

Submitted by Alliance Water Resources, Inc. for the

January 2014

Joint Sewer Board Meeting

SUMMARY OF FACILITY OPERATION

The Lake Ozark/Osage Beach Joint WWTP produced superior effluent quality throughout the month and was in full compliance with effluent limitations established in NPDES Permit No.MO-01013241. 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	Fecal Coliform Colonies/100 ml
Monthly Average	1.2	1.0	NA	0
Peak Day	1.4	1.4	7.9	0
Percent Removal	99.4	99.5	NA	NA

NPDES EFFLUENT LIMITATIONS

	BOD mg/l	TSS mg/l	pH	Fecal Coliform Colonies/100 ml
Monthly Average	30	30	6-9	400 col/100 ml
Weekly Average	45	45		

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 0.760 MGD or 25% of Permitted flow with Lake Ozark contributing 17% of the total flow and Osage Beach contributing 83%. Daily influent flow BOD and TSS data is presented in Table A. Daily flow for the month and rainfall are shown in Figure 2. A three-year flow history for each of the two cities is presented in Table B.

Organic loading for the month was 40648 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

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

618,117 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 358,750 gallons with a level of 5.0 feet in Tank 1 and 2.0 feet in Tank 2.

WASTEHAULERS

The plant received 19 loads of septage during the month totaling 47,500 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 finished draining Clarifier #2 on the 3rd of December and finished cleaning & inspecting it that same day. Lake Ozark came out with their boom truck to assist in getting the barrels of dead algae and trash out. Many Thanks!

SAFETY

- We conducted our monthly routine Safety Meeting on Lockout/Tagout on the 3rd of December.
- American Sun Control started installing the safety handrails on the Clarifiers and UV channel on the 6th of December and was completed the week of Christmas. They had to come back a couple times to get everything right, but overall they did a really good job.

REGULATORY AGENCY, INSPECTION AND REPORTS

- Mailed DMR to MDNR on the 10th of January.

MISCELLANEOUS AND RECOMMENDATIONS

- We would like to Thank Matt and the City of Lake Ozark for keeping our road clear to the Plant during our recent snow storms. Many Thanks!

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF December 2013

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-Dec		0.168	0.798	0.966	17.4	82.6						
2-Dec		0.141	0.741	0.882	16.0	84.0						
3-Dec		0.126	0.643	0.769	16.4	83.6						
4-Dec		0.128	0.654	0.782	16.4	83.6						
5-Dec		0.139	0.708	0.847	16.4	83.6						
6-Dec		0.122	0.540	0.662	18.4	81.6	198	210	210	160	186	176
7-Dec	0.5	0.124	0.574	0.698	17.8	82.2						
8-Dec		0.132	0.620	0.752	17.6	82.4						
9-Dec		0.121	0.624	0.745	16.2	83.8						
10-Dec		0.118	0.625	0.743	15.9	84.1						
11-Dec		0.110	0.606	0.716	15.4	84.6						
12-Dec		0.126	0.565	0.691	18.2	81.8						
13-Dec		0.121	0.556	0.677	17.9	82.1	200	228	215	144	178	176
14-Dec	1	0.139	0.793	0.932	14.9	85.1						
15-Dec		0.129	0.644	0.773	16.7	83.3						
16-Dec		0.127	0.603	0.730	17.4	82.6						
17-Dec		0.125	0.682	0.807	15.5	84.5						
18-Dec		0.121	0.591	0.712	17.0	83.0						
19-Dec		0.125	0.632	0.757	16.5	83.5						
20-Dec		0.124	0.646	0.770	16.1	83.9	235	238	250	240	216	322
21-Dec	0.25	0.131	0.613	0.744	17.6	82.4						
22-Dec	0.75	0.151	0.843	0.994	15.2	84.8						
23-Dec		0.130	0.648	0.778	16.7	83.3						
24-Dec		0.108	0.533	0.641	16.8	83.2						
25-Dec		0.114	0.495	0.609	18.7	81.3						
26-Dec		0.104	0.395	0.499	20.8	79.2						
27-Dec		0.131	0.539	0.670	19.6	80.4	180	163	153	176	172	166
28-Dec		0.156	0.690	0.846	18.4	81.6						
29-Dec		0.162	0.719	0.881	18.4	81.6						
30-Dec		0.145	0.587	0.732	19.8	80.2						
31-Dec		0.140	0.600	0.740	18.9	81.1						
SUM	2.5	4.038	19.507	23.545								
AVG		0.130	0.629	0.760	17	83	203	210	207	180	188	210
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

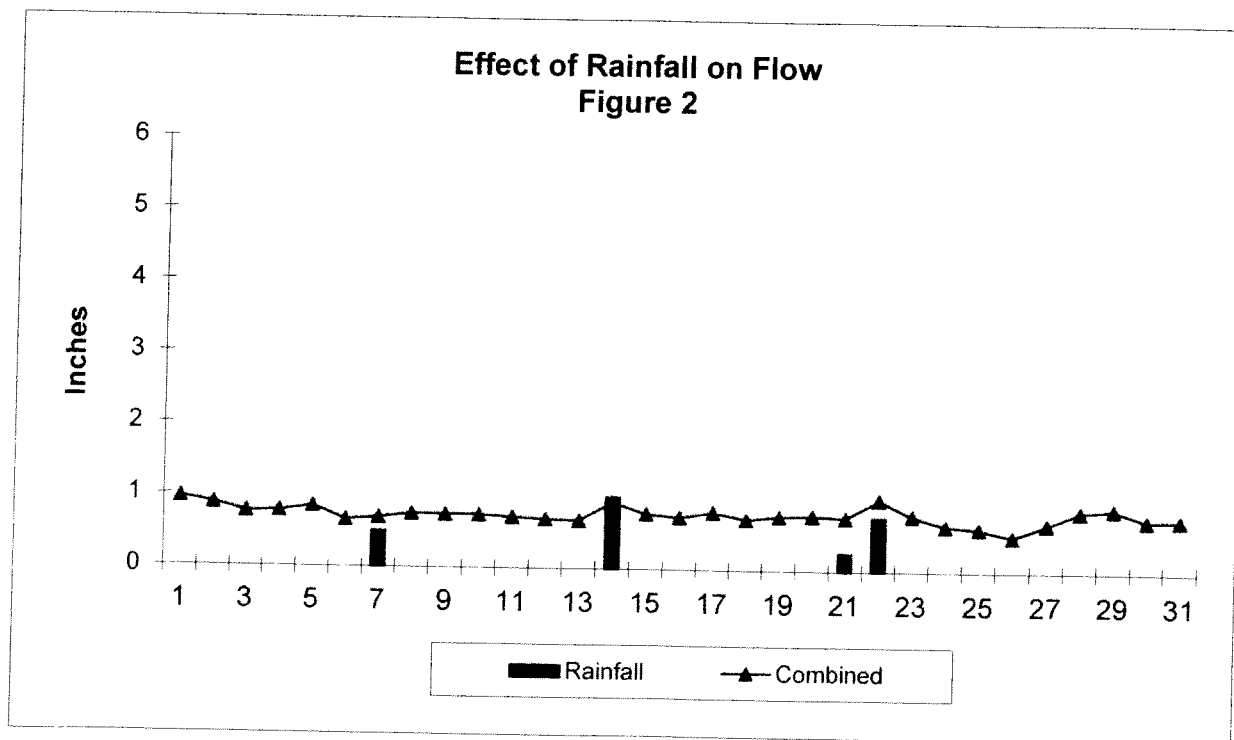
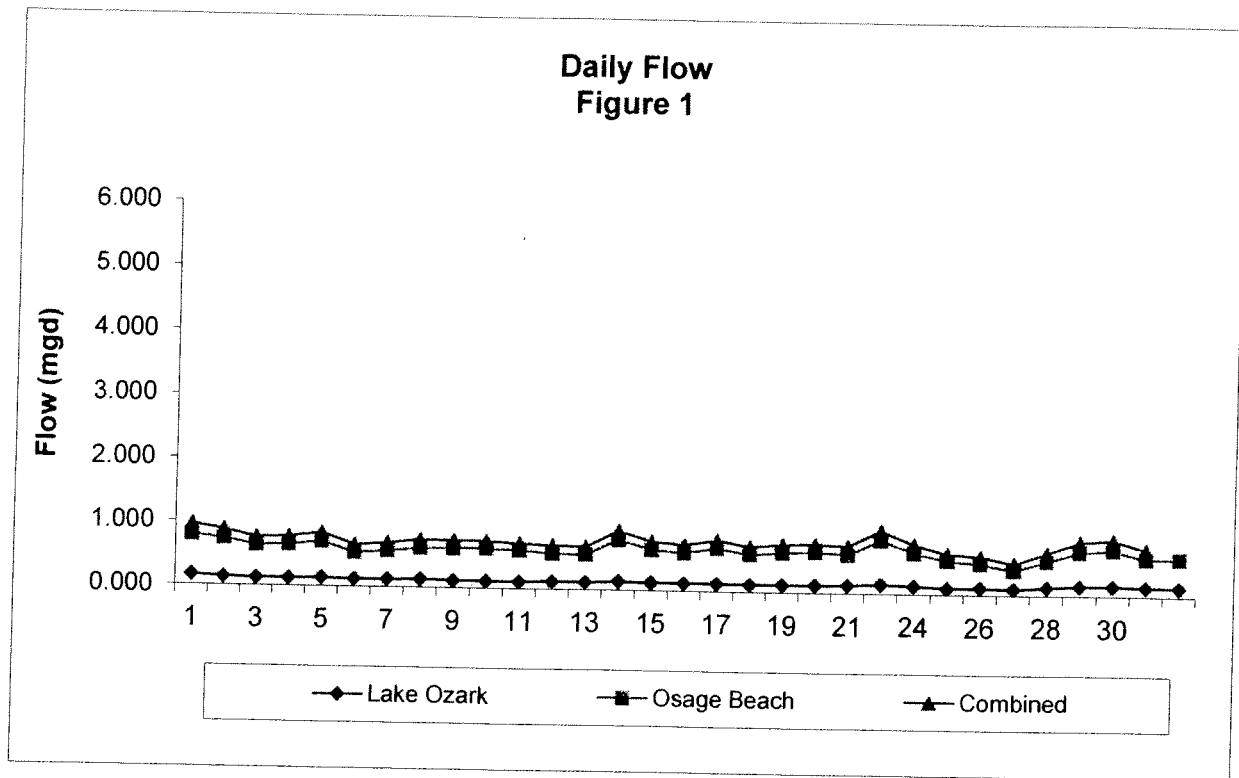


TABLE B
JOINT SEWER BOARD
Monthly Flows

<u>2011</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	0.8	15,566,000	78%	4,395,000	22%	19,961,000	100%
February	4.8	19,737,000	80%	5,030,000	20%	24,767,000	100%
March	4.7	25,055,000	80%	6,183,000	20%	31,238,000	100%
April	4.8	26,299,000	81%	6,158,000	19%	32,457,000	100%
May	11.8	37,286,000	81%	8,523,000	19%	45,809,000	100%
June	4.4	38,748,000	83%	7,821,000	17%	46,569,000	100%
July	0.3	47,316,000	84%	9,297,000	16%	56,613,000	100%
August	6.5	44,175,000	84%	8,704,000	16%	52,879,000	100%
September	2.7	32,672,000	82%	6,999,000	18%	39,671,000	100%
October	2.3	28,932,000	82%	6,388,000	18%	35,320,000	100%
November	5.6	24,495,000	81%	5,589,000	19%	30,084,000	100%
December	3.5	22,789,000	81%	5,298,000	19%	28,087,000	100%

52.1	363,070,000	81%	75,087,000	19%	443,455,000	100%
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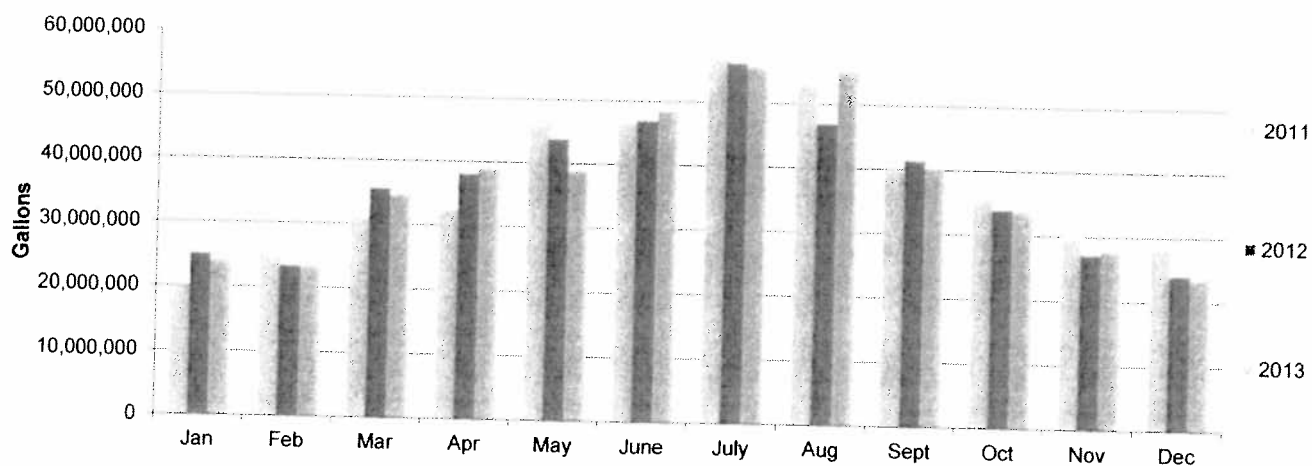
<u>2012</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	0.7	20,401,000	82%	4,577,000	18%	24,978,000	100%
February	2.4	18,682,000	80%	4,563,000	20%	23,245,000	100%
March	6.3	28,720,000	81%	6,779,000	19%	35,499,000	100%
April	8.0	30,919,000	81%	7,049,000	19%	37,968,000	100%
May	1.6	35,910,000	82%	7,801,000	18%	43,711,000	100%
June	1.4	39,021,000	83%	7,841,000	17%	46,862,000	100%
July	1.4	46,676,000	83%	9,443,000	17%	56,119,000	100%
August	1.0	39,227,000	84%	7,571,000	16%	46,798,000	100%
September	6.5	34,629,000	84%	6,696,000	16%	41,325,000	100%
October	3.6	28,634,000	85%	5,240,000	15%	33,874,000	100%
November	1.1	22,996,000	85%	4,113,000	15%	27,109,000	100%
December	1.4	20,460,000	84%	3,832,000	16%	24,292,000	100%

35.2	366,275,000	83%	75,505,000	17%	441,780,000	100%
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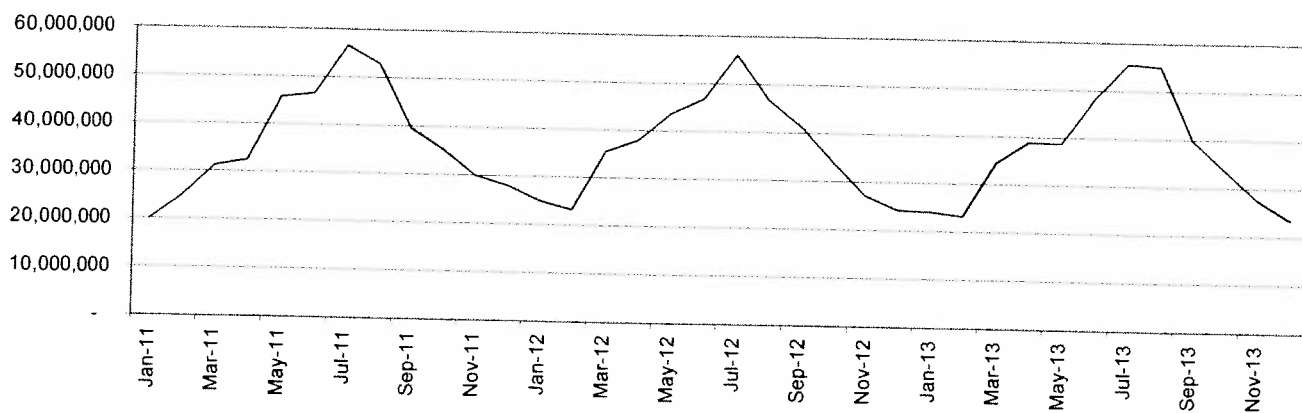
<u>2013</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	2.8	19,923,000	83%	4,104,000	17%	24,027,000	100%
February	4.2	19,290,000	83%	3,979,000	17%	23,269,000	100%
March	5.3	28,232,000	82%	6,308,000	18%	34,540,000	100%
April	8.7	31,410,000	81%	7,507,000	19%	38,917,000	100%
May	2.9	32,247,000	83%	6,560,000	17%	38,807,000	100%
June	4.6	40,205,000	83%	8,185,000	17%	48,390,000	100%
July	2.2	46,803,000	84%	8,794,000	16%	55,597,000	100%
August	15.0	45,742,000	83%	9,351,000	17%	55,093,000	100%
September	2.3	33,128,000	83%	6,869,000	17%	39,997,000	100%
October	3.6	27,722,000	82%	5,996,000	18%	33,718,000	100%
November	2.5	22,915,000	83%	4,775,000	17%	27,690,000	100%
December	2.5	19,507,000	83%	4,038,000	17%	23,545,000	100%

56.6	367,124,000	83%	76,466,000	17%	443,590,000	100%
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**Monthly Influent Flow
Figure 3A**

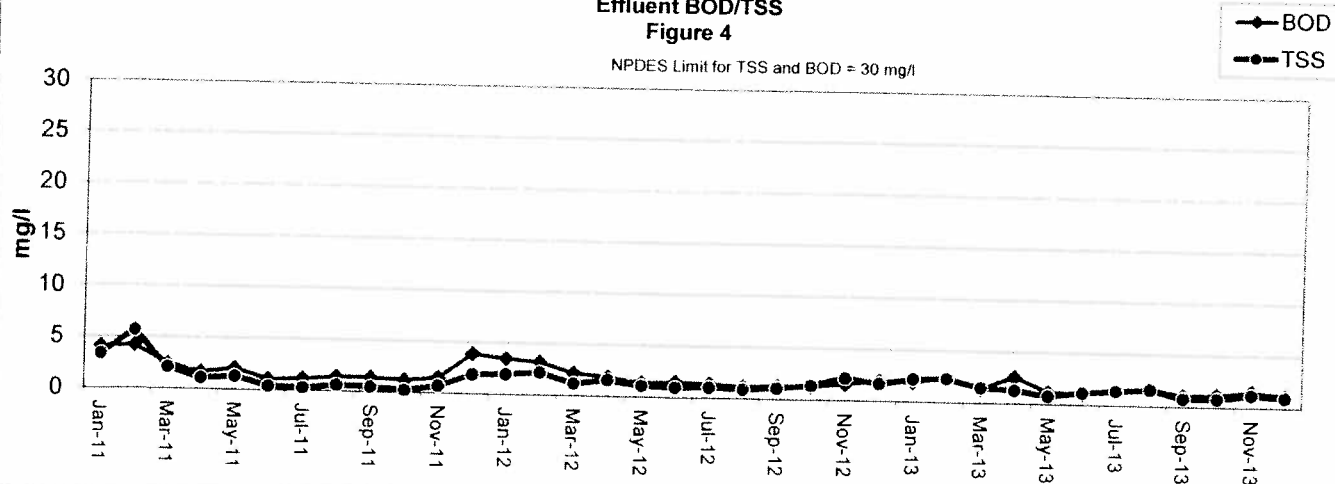


**Monthly Influent Flow
Figure 3B**

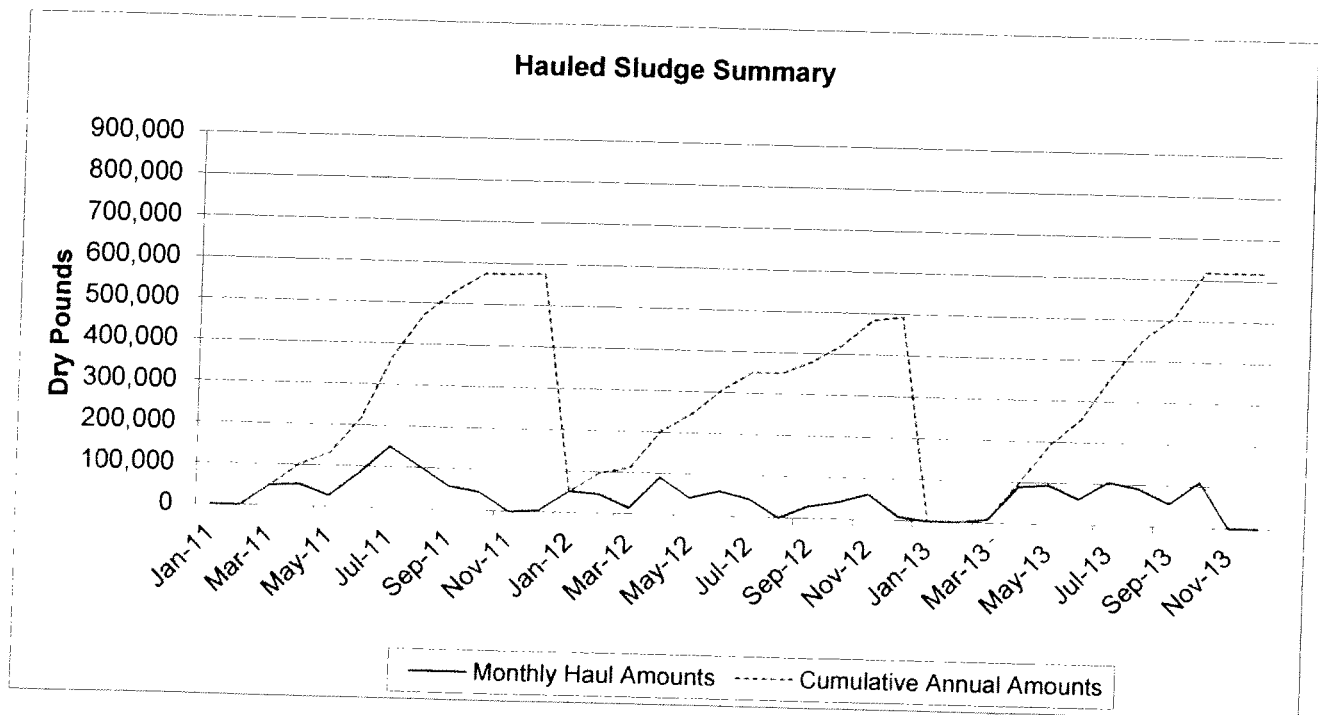
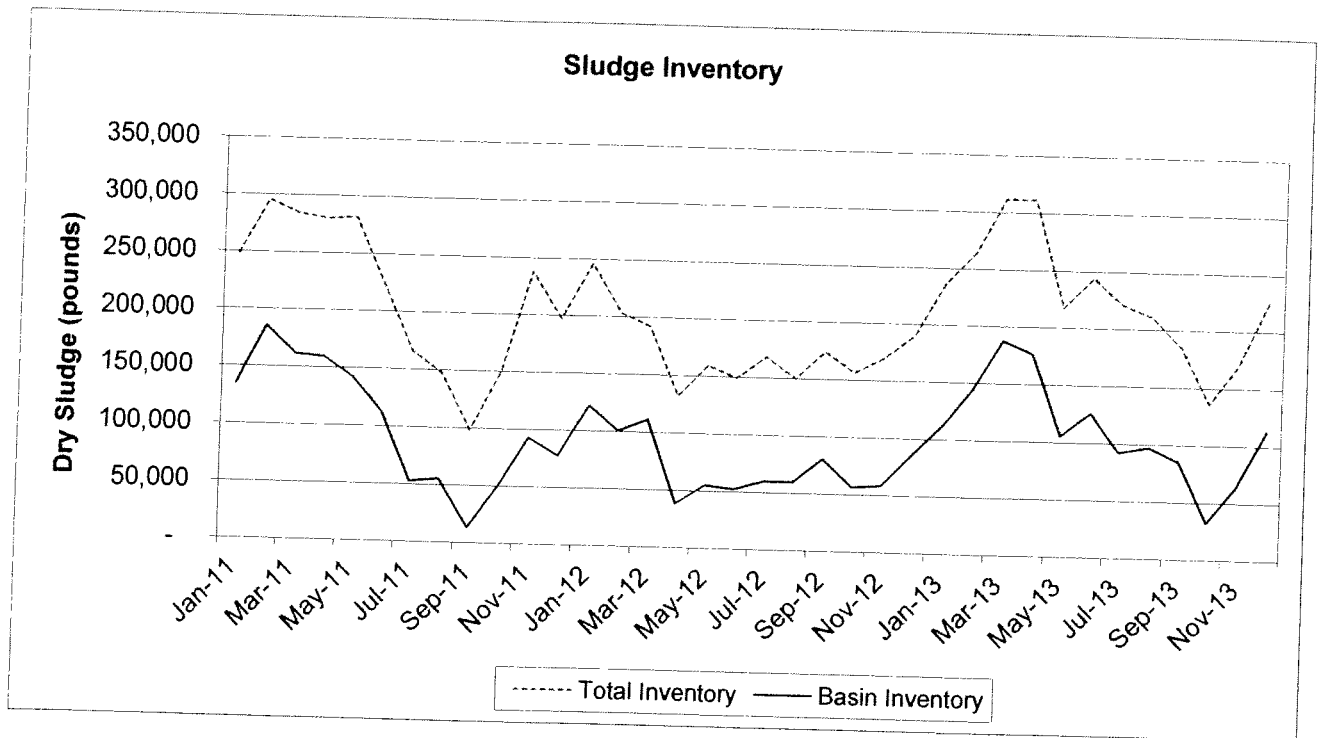


**Effluent BOD/TSS
Figure 4**

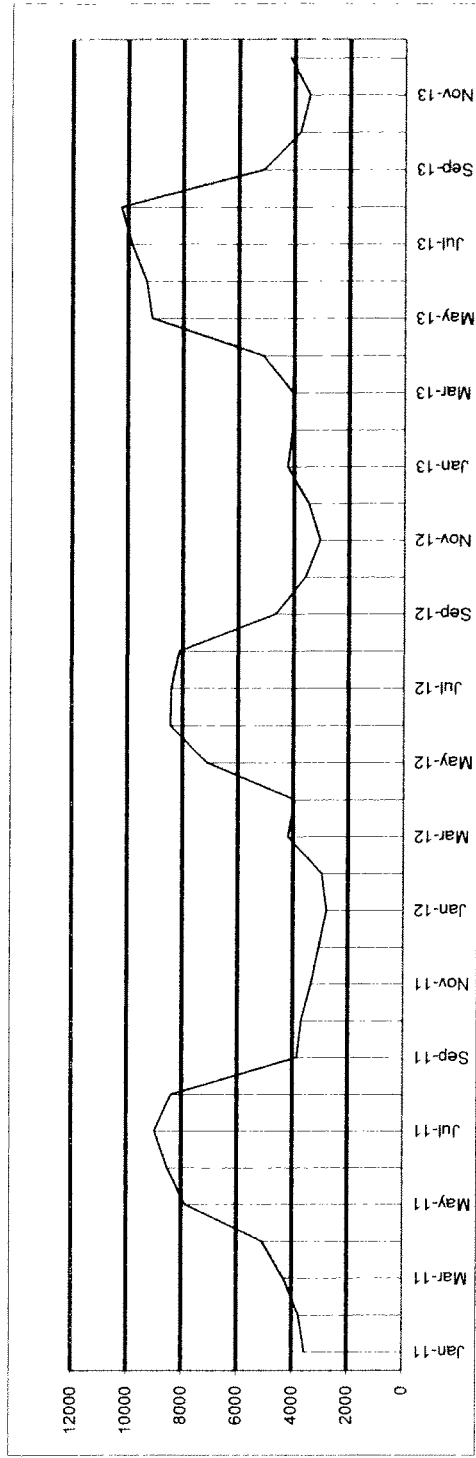
NPDES Limit for TSS and BOD = 30 mg/l



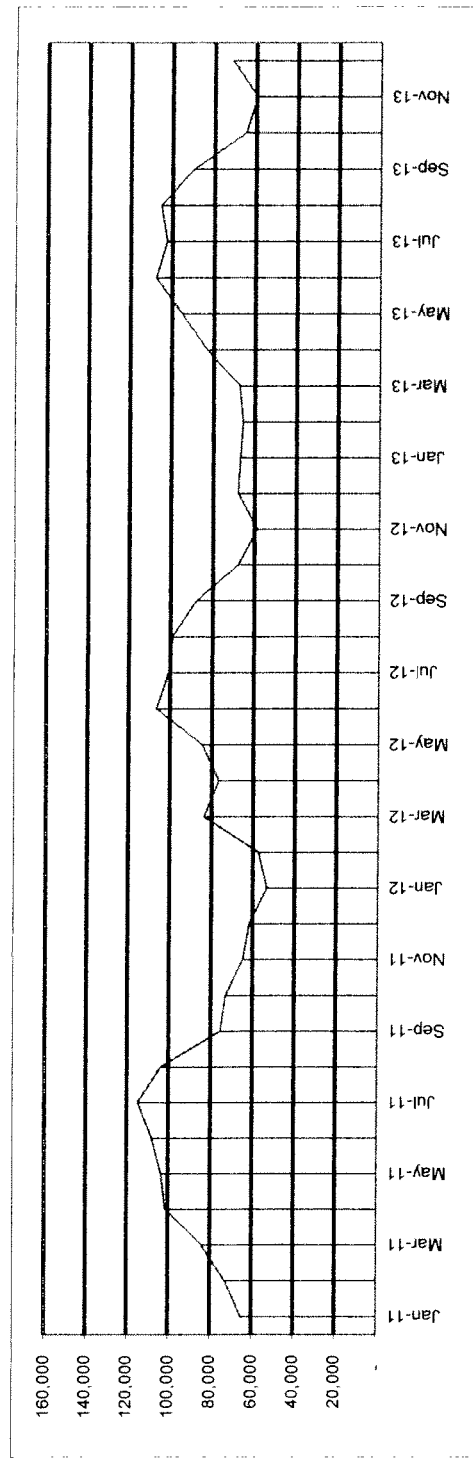
Date	Loads	Gallons	Hauled Sludge		Basin Depths			Blanket Depths			MLSS Inventory			Blanket and MLSS Inventory			MLSS		Accepted Septage Loads	Septage Gallons	
			# Dry	% Solids	Tank #1	Tank #2	AB #1	AB #2	Clarf #1	Clarf #2	Clarf #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	Inventory	% Solids			Inventory
Jan-11	0	-	0	4.5%	5.5	2.5	0.0	360,000	135,108	135,108	1.0	2.0	0.0	3,520	3,930	3,653,286	113,495	0.00373	248,603	19	45,000
Feb-11	0	-	0	4.5%	6.0	5.0	0.0	495,000	185,774	185,774	2.5	2.0	0.0	3,580	3,580	3,679,929	109,872	0.00358	295,646	6	15,000
Mar-11	43	159,100	49,803	3.8%	7.5	4.0	0.0	517,500	161,993	161,993	1.0	1.0	0.5	4,100	3,940	3,657,238	122,615	0.00402	284,608	25	59,000
Apr-11	45	166,500	53,692	3.9%	7.0	4.0	0.0	495,000	159,625	159,625	2.0	3.0	0.0	3,130	4,540	3,775,666	120,761	0.00384	280,385	27	70,300
May-11	24	88,800	28,051	3.8%	5.5	4.5	0.0	450,000	142,150	142,150	2.0	2.0	2.5	4,960	3,920	3,779,618	139,958	0.00444	282,108	39	101,500
Jun-11	78	288,600	85,043	3.5%	3.5	5.0	0.0	382,500	112,713	112,713	3.0	2.0	2.0	3,500	3,560	3,775,666	111,156	0.00353	223,869	36	96,000
Jul-11	138	510,600	150,712	3.5%	4.0	0.0	0.0	180,000	53,130	53,130	1.5	2.5	1.0	3,740	3,550	3,714,476	112,917	0.00365	166,047	51	127,500
Aug-11	91	336,700	103,837	3.7%	2.0	2.0	0.0	180,000	55,511	55,511	2.0	2.0	1.5	2,840	3,110	3,736,190	92,700	0.00298	148,212	47	118,500
Sep-11	52	192,400	57,488	3.6%	0.0	1.0	0.0	45,000	13,446	13,446	2.5	2.5	1.5	2,530	2,900	3,753,952	85,001	0.00272	98,447	68	175,000
Oct-11	33	122,100	45,361	4.5%	0.0	3.0	0.0	135,000	50,153	50,153	2.0	2.5	1.0	3,470	2,940	3,723,357	99,524	0.00321	149,678	17	42,500
Nov-11	0	-	0	4.5%	3.0	2.5	0.0	247,500	92,887	92,887	3.0	3.0	2.0	4,610	3,775,666	145,165	0.00461	238,051	18	45,500	
Dec-11	5	18,500	3,549	2.3%	6.0	3.0	0.0	405,000	77,694	77,694	3.0	4.0	0.0	3,850	3,724,334	119,585	0.00385	197,279	15	37,500	
Jan-12	46	170,200	51,317	3.6%	5.5	3.5	0.0	405,000	122,112	122,112	3.0	1.5	0.0	4,060	3,662,167	124,002	0.00406	246,114	18	43,500	
Feb-12	42	155,400	46,472	3.6%	4.5	3.0	0.0	337,500	100,929	100,929	1.0	1.0	0.0	3,380	3,635,524	102,483	0.00338	203,411	17	42,500	
Mar-12	12	44,400	14,627	4.0%	5.5	2.0	0.0	337,500	111,185	111,185	2.0	2.0	1.5	2,890	2,310	3,736,190	81,016	0.00226	192,201	39	103,500
Apr-12	96	318,200	90,939	3.4%	2.0	1.0	0.0	135,000	38,582	38,582	2.0	2.5	2.5	2,870	3,060	3,788,499	93,682	0.00297	132,264	37	86,500
May-12	47	173,900	42,646	2.9%	3.0	2.0	0.0	225,000	55,177	55,177	2.0	2.0	2.0	3,070	3,590	3,757,904	104,365	0.00333	159,543	26	65,000
Jun-12	56	207,200	60,513	3.5%	1.0	3.0	0.0	180,000	52,569	52,569	1.0	3.0	1.0	3,560	2,690	3,714,476	96,809	0.00313	149,378	55	138,000
Jul-12	45	166,500	44,127	3.2%	5.0	0.0	0.0	225,000	59,631	59,631	2.0	1.5	1.0	3,650	3,410	3,705,595	109,093	0.00353	168,725	36	80,000
Aug-12	0	-	0	0.0%	2.5	2.5	0.0	225,000	59,631	59,631	1.0	2.0	1.5	3,440	2,390	3,718,428	90,399	0.00292	150,030	33	76,500
Sep-12	33	122,100	29,161	2.9%	4.5	3.0	0.0	337,500	80,605	80,605	2.0	0.0	2.5	3,080	2,910	3,744,094	93,521	0.00324	174,126	37	91,500
Oct-12	40	148,000	41,473	3.4%	4.5	0.0	0.0	202,500	56,745	56,745	1.5	0.0	1.5	3,160	3,320	3,691,785	99,758	0.00324	156,503	33	76,500
Nov-12	52	192,400	62,487	3.9%	2.0	2.0	0.0	180,000	58,460	58,460	0.0	5.0	2.0	3,970	3,090	3,775,666	111,156	0.00353	169,616	32	66,500
Dec-12	9	33,300	9,720	3.5%	5.0	1.5	0.0	292,500	85,378	85,378	4.0	1.5	0.0	4,030	2,720	3,697,691	104,081	0.00338	189,459	48	120,000
Jan-13	0	-	0	3.5%	6.0	2.5	0.0	382,500	111,652	111,652	1.5	2.0	0.0	4,120	4,010	3,662,167	124,155	0.00407	235,807	26	65,000
Feb-13	0	-	0	3.5%	6.0	5.0	0.0	495,000	144,491	144,491	1.0	2.0	1.0	4,000	3,740	3,696,714	119,314	0.00387	263,805	56	110,000
Mar-13	8	29,600	8,517	3.5%	8.0	6.5	0.0	652,500	187,748	187,748	2.0	2.0	1.0	4,030	4,050	3,714,476	123,915	0.0044	311,663	21	52,500
Apr-13	74	273,800	89,488	3.9%	6.0	6.0	0.0	540,000	176,492	176,492	2.5	2.0	2.0	4,620	4,130	3,766,785	135,084	0.0043	311,576	24	60,000
May-13	82	303,400	95,228	3.8%	3.5	4.0	0.0	337,500	105,931	105,931	3.0	5.0	2.0	3,970	3,040	3,828,952	111,767	0.0035	217,698	36	85,500
Jun-13	54	199,800	62,210	3.7%	6.0	3.0	0.0	405,000	126,101	126,101	1.0	7.0	2.0	3,850	3,540	3,828,952	117,994	0.0037	244,095	47	117,500
Jul-13	97	358,900	105,164	3.5%	6.0	1.0	0.0	315,000	92,301	92,301	1.5	2.0	1.0	3,950	4,410	3,705,595	129,181	0.00418	221,482	58	137,500
Aug-13	74	273,800	90,969	4.0%	6.5	0.0	0.0	292,500	97,162	97,162	2.0	2.5	2.0	3,580	3,680	3,766,785	114,036	0.00363	211,218	57	142,500
Sep-13	48	177,600	56,069	3.8%	5.0	1.0	0.0	270,000	85,240	85,240	2.0	1.5	1.5	3,150	3,300	3,727,309	100,252	0.00323	185,492	39	97,500
Oct-13	83	307,100	110,472	4.3%	2.0	4.3%	0.0	90,000	32,375	32,375	2.0	2.0	2.0	2,950	3,680	3,757,904	103,895	0.00332	136,271	32	80,000
Nov-13	0	-	0	4.3%	4.0	0.0	0.0	180,000	64,552	64,552	1.0	0.0	1.0	3,220	3,740	3,661,190	106,259	0.00348	170,811	15	37,500
Dec-13	0	-	0	4.3%	5.0	2.0	0.0	315,000	112,965	112,965	0.0	0.5	1.0	3,600	3,880	3,652,309	113,921	0.00374	226,887	19	47,500



Electric Cost



Kilowatts Used



Electric Cost Kilowatts Used

Jan-11	3547	65,206
Feb-11	3757	72,752
Mar-11	4309	84,045
Apr-11	5092	101,440
May-11	7876	103,396
Jun-11	8505	108,021
Jul-11	8983	114,906
Aug-11	8382	103,698
Sep-11	3848	75,430
Oct-11	3697	73,005
Nov-11	3345	64,695
Dec-11	3064	61,670
Jan-12	2784	53,291
Feb-12	2962	57,492
Mar-12	4200	83,720
Apr-12	3943	76,650
May-12	7120	84,700
Jun-12	8431	106,650
Jul-12	8404	100,910
Aug-12	8121	99,190
Sep-12	4653	87,730
Oct-12	3588	67,820
Nov-12	3050	58,850
Dec-12	3472	68,170
Jan-13	4240	66,990
Feb-13	4069	65,810
Mar-13	4056	67,500
Apr-13	5132	83,390
May-13	9135	95,360
Jun-13	9331	107,780
Jul-13	9861	102,490
Aug-13	10255	105,350
Sep-13	5108	89,830
Oct-13	3806	64,870
Nov-13	3459	59,610
Dec-13	4171	71,660



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						
Dec-13		MO-0103241				#001		Oxidation Ditch/UV/Sludge Holding-sludge is land applied						
INFLUENT					EFFLUENT								% Removal	
DATE	pH UNITS	BOD mg/L	TSS mg/L	TEMP °C	FLOW MGD	pH UNITS	BOD mg/L	TSS mg/L	Ammonia as N mg/l	DO mg/L	E. coli COLFRM #/100 ML	TEMP °C	BOD mg/L	TSS mg/L
1	7.4			12.6	1.442	7.7				7.3		9.8		
2	7.3			13.9	1.317	7.7				6.7		10.9		
3	7.3			13.8	1.323	7.9				7.1		10.6		
4	7.3			13.7	1.243	7.9			0.05	7.6		11.2		
5	7.5			11.6	1.258	7.7				6.8		10		
6	7.4	210	176	12.3	1.169	7.9	1.3	0.8		7.3		8.9	99.4	99.5
7	7.3			12.2	1.154	7.8				7.2		6.8		
8	7.3			11.9	1.294	7.9				7.7		7.1		
9	7.4			11.2	1.271	7.7				9.0		7		
10	7.4			11.1	1.274	7.8				7.6		6.5		
11	7.3			11.6	1.157	7.8				9.9		6.9		
12	7.3			12	1.220	7.8			0.01	8.0		6.8		
13	7.4	215	176	11.5	1.203	7.7	1.4	1.4		7.5		6.7	99.3	99.2
14	7.4			10	1.498	7.7				6.3		7.3		
15	7.4			10	1.307	7.7				6.8		6.6		
16	7.4			10.2	1.188	7.7				6.8		7.7		
17	7.4			9.5	1.319	7.7				6.4		8.3		
18	7.4			11.2	1.157	7.8				6.7		8		
19	7.3			12	1.181	7.8			0.15	7.6		9.2		
20	7.4	250	322	12.1	1.154	7.8	1.1	1		6.6		10.5	99.6	99.7
21	7.4			11.9	1.156	7.7				6.5		9.1		
22	7.3			11.5	1.543	7.7				5.9		9.1		
23	7.3			10.7	1.271	7.8				6.8		7.8		
24	7.2			10.5	1.130	7.8				7.8		5.9		
25	7.2			10.9	1.119	7.8				7.8		7		
26	7.4			10	0.971	7.8			0.04	7.9		6.7		
27	7.3	153	166	10.7	1.175	7.7	1.1	0.6		7.3		6.7	99.3	99.6
28	7.3			10.4	1.311	7.8				7.3		8		
29	7.5			9	1.044	7.8				6.6		6.4		
30	7.3			9.5	1.228	7.6				6.7		5.6		
31	7.3			10	1.312	7.8				6.7		5.6		
Total					38.389									
Avg		207	210	11	1.238		1.2	1.0	0.06	7.2	0.0	7.9	99.4	99.5
Min	7.2	153	166	9	0.971	7.6	1.1	0.6	0.01	5.9	0.0	5.6	99.3	99.2
Max	7.5	250	322	14	1.543	7.9	1.4	1.4	0.15	9.9	0.0	11.2	99.6	99.7

MONTHLY EFFLUENT MONITORING		QUARTERLY EFFLUENT MONITORING	
DATE	Oil & Grease mg/L	Selenium µg/L	Zinc µg/L
1			
2			
3			
4			
5			
6			
7			
8			
9	< 5.0		
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
Total			
Avg	< 5.0	0.00	0.00
Min	< 5.0	0.00	0.00
Max	< 5.0	0.00	0.00

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		4.3	3,230	390	9.8	3.8	4,170	620	10	34		7:30
2		2.9	3,570	470	11	1.8	4,000	580	10.9	43		7:30
3		3.3	4,110	470	11	3.9	3,830	510	10.9	39		7:30
4		2.1	4,050	450	11.9	3	3,780	460	11.9	45		7:30
5		2.8	3,290	380	10.5	3.3	3,160	370	11.3	28		7:30
6		4.1	3,340	410	8.9	3.4	3,210	600	9.3	25		7:30
7		6.0	3,180	370	7.4	5.1	4,080	620	7.4	14	0.5	7:30
8		5.9	3,720	480	7.3	5.2	3,890	540	7.7	26		7:30
9		5.2	4,170	540	7.5	5.1	3,650	500	7.7	25		7:30
10		4.6	3,870	500	6.9	4.8	3,880	570	6.9	19		7:30
11		6.4	3,720	450	7	6.6	3,850	560	7	26		7:30
12		5.1	3,410	500	6.1	5	3,740	540	6.6	16		7:30
13		4.6	3,660	500	7.2	4.7	3,690	540	7.2	30		7:30
14		1.8	3,850	450	8.3	1.4	3,650	470	8.6	36	1	7:30
15		2.9	3,890	500	7.5	4	3,550	480	7.8	28		7:30
16		2.0	3,680	450	8.3	4.6	3,700	480	8.5	35		7:30
17		1.8	4,200	560	7.8	4.3	3,300	400	8	29		7:30
18		1.7	3,530	410	8.3	3.8	3,530	420	8.4	31		7:30
19		4.6	3,900	450	9.4	6.9	4,530	610	9.6	43		7:30
20		1.4	3,520	360	11.4	1.1	4,360	580	11.3	60		7:30
21		2.4	2,860	320	9.6	1.8	4,290	600	9.5	35	0.25	7:30
22		1.3	3,910	440	9.6	1.3	3,620	440	9.4	34	0.75	7:30
23		2.5	4,120	520	7.9	4.3	3,030	390	7.9	16		7:30
24		4.9	3,490	470	6.5	6.3	3,370	460	6.2	9		7:30
25		4.2	3,460	400	7.1	6.7	3,970	550	7	33		7:30
26		4.7	3,890	510	6.4	6.1	3,600	450	6.6	26		7:30
27		4.8	3,650	450	6.4	4.9	3,810	500	6.9	27		7:30
28		3.7	3,540	400	8.3	4.7	3,770	450	8.5	33		7:30
29		1.5	2,960	330	7.7	3.5	4,390	650	8.1	33		7:30
30		4.3	3,850	480	6.6	3.4	3,900	550	6.9	14		7:30
31		3.0	3,600	480	7.1	4.5	3,880	500	7.3	24		7:30
COMMENTS:												

COMMENTS:

TESTS PERFORMED BY (PRINT) John Hornback	SIGNATURE 	PHONE # (573)365-0455	DATE 1/6/2013
REPORT APPROVED BY (PRINT) Gary Hutchcraft	SIGNATURE 	PHONE # (573)365-0455	DATE 1/6/2013

*Required Daily (Monday- Friday)

**Required 1/week

LAKE OZARK/OSAGE BEACH WWTP
Operation Report

FOR DECEMBER 2013

[illegible]

Use following abbreviations R-rain, S-snow, O-overcast, C-clear, PC-partly cloudy,
Prepared by: GH, FH, JH

Approved by _____ GH

1/6/2014