

**OSAGE BEACH / LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
NOVEMBER 18, 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 Franzekos
City Administrator, Osage Beach, Jeana Woods
City Administrator, Lake Ozark, Dave Van Dee
Alderman, Lake Ozark, Gerry Murawski
Alderman, Osage Beach, Phyllis Marose
Public Works Director, Osage Beach, Nick Edelman
Public Works Director, Lake Ozark, Matt Michalik
Resident Member, Mr. Gary Hamner

3. MINUTES

Page Numbers

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4. REPORTS

Bill List	5-20
Revenue Budget Analysis	21
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Income & Expense Summary	25
Check Registers & Bank Statements	27-30
October 2014 Alliance and Flow Reports	31-50

5. OLD BUSINESS

A.	Magruder update	
B.	2015 Budget approval	51-55

6. NEW BUSINESS

- A. Bid review / approval of sludge truck paint project
- C. Discussion and possible action approving corporate Resolution(s) affirming authorized signatures on all financial accounts.
- D. Authorization of designated Osage Beach staff to issue payments in December.

7. DISCUSSION

8. ADJOURNMENT

THE NEXT MEETING WILL BE JANUARY 20, 2014, 4:00 PM @ LAKE OZARK CITY HALL

**LAKE OZARK - OSAGE BEACH
JOINT SEWER BOARD
Meeting Minutes – October 21, 2014**

Call to Order:

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

Roll Call:

Present: Penny Lyons, Mayor
Johnnie Franzeskis, Mayor
Dave Van Dee, City Administrator
Nancy Viselli, City Administrator
Phyllis Marose, Alderman
Gerry Murawski, Alderman
Matt Michalik, Public Works Director
Gary Hamner, Resident Member

Absent: Nick Edelman, Public Works Director

Others Present: Jeana Woods, City Administrator nominee
Eric Hibdon, Public Works
Gary Johnson, Alliance Div. Manager
Gary Hutchcraft, Plant Manager
Karri Bell, Treasurer
Mike Welty, Staff Accountant
Ed Rucker, City Attorney

Minutes of Past Meeting:

Mayor Lyons requested a motion to approve the September 23, 2014 meeting minutes. Mayor Franzeskis motioned to approve the minutes; second by Alderman Murawski. All voted in favor.

Public Comment: None at this time.

Bills List: Mayor Lyons requested a motion to approve the Bills List. Administrator Viselli motioned approval of payment of the bills. Second by Mayor Franzeskis. All voted in favor.

Reports:

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

Alliance Report & Flow Charts:

Mr. Hutchcraft reviewed the September 2014 Alliance Report and Flow Chart summary report of operations, a copy of which is included in the meeting packet.

Mr. Hutchcraft also advised that the Treatment Plant had an unannounced visit by the Missouri Department of Natural Resources on October 1st. Samples were taken and it be up to three months to receive results. Greg Perkins from the DNR visited again a week later for an inspection. Nothing unusual was noted at the time. It is expected that a letter will be received from Mr. Perkins once the sample testing is completed.

Additional bids were obtained for the body work and painting of the sludge truck. Discussion ensued regarding the \$5,000. threshold for formal bids, as the current bids exceed this amount. It was agreed that an ad will be run in the local newspaper to obtain bids to take action on at the next meeting.

Mayor Lyons then requested a motion to approve the September 2014 Flow Charts. Director Michalik motioned approval. Second by Administrator Van Dee with unanimous approval.

Old Business:

Mayor Lyons advised that there was nothing new to report other than that Judge Conley has taken the matter under advisement.

New Business:

2015 Budget discussion. Ms. Bell reviewed and explained the 2015 Budget Worksheet. Discussion ensued. A motion was made by Administrator Van Dee to remove the generator from the 2015 budget. His motion was seconded by Mr. Hamner and was then unanimously approved. After additional discussion, it was agreed that the 2015 budget will be finalized for approval at the November meeting.

Other Discussion: None at this time.

Adjournment:

With nothing further to discuss, Mayor Lyons adjourned the meeting at 4:30 pm. The next scheduled meeting is Tuesday, January 20, 2014, 4:00 pm. at Lake Ozark City Hall.

Penny Lyons
Osage Beach Mayor

Kathy Vance
Temporary Lake Ozark Joint Sewer Clerk

JOINT SEWER BOARD
BILL LIST
November 18, 2014

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$ 4,663.09
OPERATING FUND BILLS TO BE PAID:	\$ 34,583.59
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$ 2,756.75
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$ -
TOTAL	\$ 42,003.43

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Check	Paid To:	Description:	Amount:
4185	3410	Ameren Missouri	October 2014 Electric	\$ 4,663.09
				\$ -
			TOTAL	\$ 4,663.09

OPERATING FUND BILLS TO BE PAID:

Account	Check	Paid To:	Description:	Amount:
4000	3411	Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.17
4170	3412	Alliance Water Resources, Inc.	Sept 2014 Management Fee	\$ 24,037.09
4020	3413	Alliance Water Resources, Inc.	Maintenance & Repair	\$ 881.56
4150	3413	Alliance Water Resources, Inc.	Vehicle Maintenance & Repair	\$ 250.95
4220	3414	Zerger & Mauer	Magruder Lawsuit	\$ 5,946.82
				\$ 34,583.59

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Check	Paid To:	Description:	Amount:
		3409/1008 Merchant Construction	Metal Roof on Blower Building	\$ 2,756.75
				\$ 2,756.75

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

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



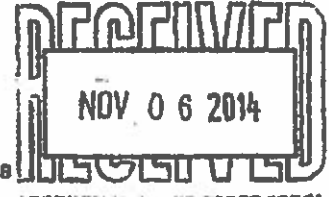
Please Return This Portion With Your Payment.

\$4,599.84	Nov 19, 2014
\$4,668.84	45800-05832

Amount Enclosed \$ _____

ALLIANCE WATER RESOURCES INC
PO BOX 1886
LAKE OZARK, MO 65049

Ameren Missouri
P.O. Box 88088
Chicago, IL 60688-1088



40600000 0045800058302 000004599840 000004599840

Keep This Portion For Your Records

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

	Nov 6, 2014
Nov 19, 2014	\$4,599.84
Dec 1, 2014	\$4,668.84

Payment Received on Oct 14, 2014 \$4,777.44

Total kWh	11673321	10/06-11/04	29	25248.0000	25738.0000	490.0000	160.0000	78400.0000A
Peak kW	11673321	10/06-11/04	29	0.0000	1.1440	1.1440	160.0000	183.0400A

	Service To	SUMMARY	Service To
Total kWh	11/04/2014	78400.0000	11/04/2014
Total Billing Demand	11/04/2014	183.0000	11/04/2014
Winter Base Demand	11/04/2014	129.0000	11/04/2014
Base kWh (HUD)	11/04/2014	55264.0000	11/04/2014
		Peak kW	183.0000
		October Winter Base kW	129.0000
		Base kWh Ratio	0.7849
		Seasonal kWh (HUD)	23136.0000

METERED ELECTRIC SERVICE BILLING

Rate SM Large General Service	Service From 10/06/2014	To 11/04/2014
Seasonal Energy Charge	23,136.00 kWh	\$ 839.84
Demand Charge	183.00 kW	\$212.93
Base Energy Chg / Hours Used	19,350.00 kWh	\$1,205.51
Base Energy Chg / Hours Used	25,800.00 kWh	\$1,191.96
Base Energy Chg / Hours Used	10,114.00 kWh	\$367.14
Customer Charge		\$88.82
Fuel Adjustment Charge	78,400.00 kWh	\$368.48
Energy Efficiency Pgm Charge	78,400.00 kWh	\$39.20
Energy Efficiency Invest Chg	78,400.00 kWh	\$185.96
Total Service Amount		\$4,599.84

Current Amount Due	\$4,599.84
Prior Amount Due	\$0.00
Total Amount Due	\$4,599.84

The ActOnEnergy® BlzSavers® program has CASH INCENTIVES available for your next energy efficiency project! Everything from lighting to controls to new construction. Visit ActOnEnergy.com/BlzSavers to learn more.

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

CK# 3410



Please Return This Portion With Your Payment.

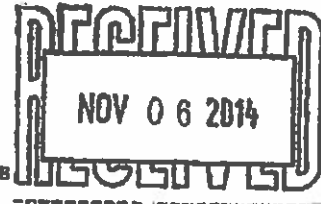
☐ Pure Power

\$63.25	Nov 19, 2014
\$64.20	55800-05920

Amount Enclosed \$

ALLIANCE WATER RESOURCES INC
PO BOX 1888
LAKE OZARK, MO 65049

Ameren Missouri
P.O. Box 88088
Chicago, IL 60680-1088



10633000 0055800059200 000000063250 000000063250

Keep This Portion For Your Records

55800-05920
ALLIANCE WATER RESOURCES INC
3 ANDERSON RD
LAKE OZARK, MO 65049

Nov 6, 2014
Nov 19, 2014 \$63.25
Dec 1, 2014 \$64.20

Payment Received on Oct 14, 2014

\$175.89

Total kWh	98041275	10/06-11/04	29	7095.0000	7147.0000	52.0000	10.0000	520.0000A
Peak kW	98041275	10/06-11/04	29	0.0000	4.0320	4.0320	10.0000	40.3200A

	Service To		SUMMARY	Service To	
Total kWh	11/04/2014	520.0000	Winter Base kWh	11/04/2014	1860.0000
Current Base kWh	11/04/2014	520.0000	Seasonal kWh	11/04/2014	0.0000

METERED ELECTRIC SERVICE BILLING

Rate 2M 8m Gen Svc - 3 Ph w/Dmd
Threshold - Peak Demand

Service From 10/06/2014 To 11/04/2014

Base Energy Charge	520.00 kWh	@ \$0.07710000	\$40.09
Seasonal Energy Charge	0.00 kWh	@ \$0.04450000	\$0.00
Customer Charge			\$19.54
Fuel Adjustment Charge	520.00 kWh	@ \$0.00470000	\$2.44
Energy Efficiency Pgm Charge	520.00 kWh	@ \$0.00030000	\$0.16
Energy Efficiency Invest Chg	520.00 kWh	@ \$0.00195500	\$1.02
Total Service Amount			\$63.25

Current Amount Due	\$63.25
Prior Amount Due	\$0.00
Total Amount Due	\$63.25

The ActOnEnergy® BizSavers® program has CASH INCENTIVES available for your next energy efficiency project! Everything from lighting to controls to new construction. Visit ActOnEnergy.com/BizSavers to learn more.

Sign up for Pure Power to support clean renewable energy in Missouri and the Midwest. By checking the box, a 1 cent 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.

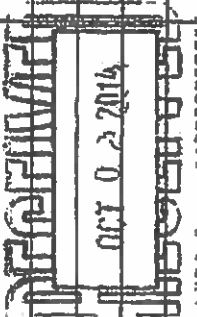
Alliance Water Resources, Inc.*Professional Water and Wastewater Operations***206 South Keene Street****Columbia, Missouri 65201****(573) 874-8080 Fax (573) 443-0833****INVOICE****Invoice No: 6227****SOLD TO:****1-Nov-14****Lake Ozark/Osage Beach Joint Utility Board****c/o Kari Bell****City of Osage Beach****1000 City Parkway****Osage Beach, MO 65065****Customer No: 20220****Terms: 30 days**

REFERENCE	DESCRIPTION	AMOUNT
	Wastewater Plant operating service for month of: Nov-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: 6228****Invoice Date: 1-Nov-14****Customer No: 20220****Terms: 30 days**

REFERENCE	DESCRIPTION	AMOUNT
	Roemer Heavy Equipment & Truck - 1 Invoice - 50%	\$193.45
	Purcell Tire - 1 Invoice - 50%	\$57.50
	Accurate Superior Scale - 1 Invoice - 50%	\$54.60
	GLW - 2 Invoices - 50%	\$839.01
	Haynes Equipment- 1 Invoice - 50%	\$120.95
	O'Reilly Auto Parts - 1 Invoice - 50%	\$67.00
TOTAL DUE		\$1,132.51

**'ROEMER'S HEAVY EQUIPMENT
& TRUCK REPAIR**
P.O. Box 191
Osage Beach, Missouri 65065
(573) 348-3733

QTY	PART NO. AND DESCRIPTION	PRICE
274	1/2" Hyd Hose	30 8 10
1	084-1208 Fitting	6 23
1	084-648 Fitting	21 40
1	02-0-238 Seal Kit	16 71
		
GL Acct: 6702-20 001.33 1020-20 003 Signature: Ray Kuehnert 4150 Date: 10/2/14		
(MAY BE CONTINUED ON OTHER SIDE)	TOTAL PARTS	52.44
ACCESSORIES Check And Adjust Clutch		
TOTAL ACCESSORIES		

NAME	Alliance Water Resources, Inc		CUSTOMER SERVICE NO.	DATE
ADDRESS	P.O. Box 1985		ORDER WRITTEN BY	PROMISED
CITY, STATE, ZIP	Osage Beach MO 65019	BUSINESS PHONE	AUG-28-14	
HOME PHONE	216 8398	EXT.	A.M.	
VEH. MAKE AND MODEL	WELLS G MC	LICENSE NUMBER	P.M.	
SERIAL NUMBER	4787CBBE75A833094	MOTOR NUMBER	ODOMETER IN	
TERMS			ODOMETER OUT	
DESCRIPTION OF WORK				
☐ LUBE ☐ CHANGE OIL ☐ OIL FILTER ☐ TUNE-UP ☐ TRANS. ☐ DIFF. Check for fluid leaks in power steering system, remove and replace leaking hoses, fill with fluid and check for leaks. Install two water separator, change filter, prime the system, start engine and check for leaks. Remove plug from injector and replace leaking seal, assemble and check.				
LITERS/GALS. OF GAS			TOTAL LABOR	285.00
LITERS/GALS. OF OIL			TOTAL PARTS	52.44
POUNDS OF GREASE			ACCESSORIES	
			GAS, OIL & GREASE	49.48
			SUBLET REPAIRS	
			EXT. WAREHOUSE	
I hereby authorize the above repair work to be done along with the necessary materials. You and your employees may operate above vehicle for purposes of testing, inspection, or delivery at my risk. An express inspection has been conducted on above vehicle to secure the amount of repairs therein. It is also understood that you will not be held responsible for loss or damage to cars or articles left in cars in case of fire, theft or any other cause beyond your control.			TAX	7.87
SAVE OLD PARTS? ☐ YES ☐ NO			TOTAL	394.79
SIGNATURE			THANK YOU!	



SEND PAYMENTS
ONLY TO:

PURCELL TIRE CO.
P.O. BOX 500610
ST. LOUIS, MO 63150-5610

PURCELL TIRE AND SERVICE CENTER
990 VIRGINIA AVE

INVOICE #: 2080063

OSAGE BEACH, MO
65065

573/348-4010

NONSIG #: 000163267

CUSTOMER: ALLIANCE WATER RESOURCES
D/B/A LO/OB JOINT
#3 ANDERSON RD

2000441 P O BOX 1985
LAKE OZARKS MO

ACCT#:

2000441

ALLIANCE WATER RESOURCES

PO BOX 1985

LAKE OZARK, MO

65049

WORK: 573/365-0455

HOME: 573/365-0455

SALESMAN: 02060

INVOICE DATE: 09/30/14

PICKUP AT STORE: Y

VENDOR REQ: CUSTOMER: 2000441

VENDOR: 001

DOC#:

2080063

TRANS CODE: B

ALLIANCE WATER RESOU GOODYEAR

GOVERNMENT AND LOCAL

VENDOR CUSTOMER: 0009960

NONSIG:

VEHICLE TYPE: TK TRUCK

PRODUCT	MECHANIC	QUANTITY	PRICE	F.E.T.	EXTENSION
12 HOURLY SERV PORT TO PORT 046132	2017	1.00	90.00		90.00
FUEL SURCHARGE FUEL1		1.00	25.00		25.00

LABOR: 115.00
INVOICE TOTAL: 115.00

GOVERNMENT

115.00

doh

*****THANK YOU FOR STOPPING BY YOUR LOCAL PURCELL TIRE AND AUTO CENTER*****

*****TIRE & SERVICE NETWORK NATION WIDE WARRANTY 1-800-426-0733*****

F/S/E FED/STATE/INDIAN

S

ULTIMATE TAX CERTIFICAT

Y

P.O. NUMBER

SLUDGE TRUCK GARY

GS/AN # 1

69999999

GL Acct#: 6702-20 \$57.50 1220-20 \$57.50

Signature:

[Signature]

4150

Date:

10/2/14

Customer Signature :

Printed Name:

2



INDUSTRIAL
WEIGHING EQUIPMENT
5404 Jedmed Ct. • St Louis, MO 63129
Bus: (314) 845-7778 • Fax: (314) 845-7779



PAGE: 1

INVOICE

Remit to: 2369 Momentum Place
Chicago, IL 60689

INVOICE NUMBER: 0001173-IN
INVOICE DATE: 09/30/14

SALES TAX CODE: MO

ALLIANCE WATER RESOURCES

#3 ANDERSON ROAD

P. O. BOX 1985

Lake Ozark

MO 65049

CONTACT:

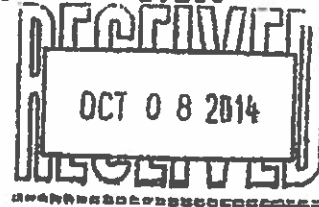
CUSTOMER NO: ALLIANTO

CUSTOMER P.O.:

SHIP VIA:

TERMS: NET 15 DAYS

SALES CD	DESCRIPTION	QUANTITY	PRICE	AMOUNT
LAB09	INSPECT AND TEST LAB BALANCE	EACH 1.000	100.000	100.00
COMP	INSPECTION CHARGE	EACH 1.000	9.200	9.20
	REG FEE			



GL Acct#: 6705-20⁴54.60 1200-20⁴54.60

Signature: *Randy Hatcher*

Date: 10/8/14

4020

NET INVOICE: 109.20
FREIGHT: .00
SALES TAX: .00
INVOICE TOTAL: 109.20



REPAIR ORDER

**536 Co. Rd. 501
Jefferson City, MO 65101
Telephone 573-680-3957**

QTY.	PART NO.	DESCRIPTION	LIST	SALE AMOUNT
1	Set U-Clamps			12 30
3	Pieces of 3/16 x 2 x 2			45 74
	Top frame Angle			
2.5	3/16 x 1 Bolt	Washer		12 60
4	3/16 x 4" x 5 flat			18 60
				
	Sand + Seal	Blaster		60 00
	Welding Rod + Gas			40 00
	Paint Brushes			15 80
		REBUILD + SANDBLAST + PAINT		
		GL Acct# 6705-20 \$327.52		1200 00 \$327.52
	Signature: <i>Don Nuttall</i>			
	Date: 10/17/14			4020
ADDITIONAL PARTS SEE LIST ON BACK →				
PARTS TOTAL →				205 04
OUTSIDE WORK			PRICE	
OUTSIDE WORK TOTAL →				

NAME <i>Alvin</i>	ADDRESS <i>3 Anderson Rd P.O. Box 1985</i>	CITY <i>Lake Park Mo</i>	STATE <i>10-10-14</i>	CUSTOMER ORDER NO.
MAKE	MODEL	YEAR	PHONE	TRUCK NO.
SER. NO.	SER. NO.	MTR. NO.	LICENSE NO.	SPEEDOMETER
TERMS	LABOR CHARGE			
REPAIR ORDER INSTRUCTIONS				
Tax # 12490679				
Replace top Rail of Car				
Sand Blast all Parts				
Welding Corner Plates				
Repair Holes in Bottom				
Paint Complete Car with				
Paint A.D. & Part B TARGUARA-BL9460				
MI-MIL SHER TAR-BL9B40				
I hereby authorize the above repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate the car or truck herein described on streets, highways or elsewhere for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above car or truck to secure the amount of repairs thereto.				
F.S.				
PHONE WHEN READY YES ☐ NO ☐				
TOTAL LABOR 420.00				
TOTAL PARTS 205.04				
MACHINE REPAIRS 30.00				
OIL & GREASE				
Freight				
TAX				
TOTAL AMOUNT 655.04				



REPAIR ORDER

GLW

536 Co. Rd. 501
Jefferson City, MO 65101
Telephone 573-680-3957

QTY	PART NO.	DESCRIPTION	LIST	SALE AMOUNT
2	3" Metal Pipe	Butt Weld Pipe		63.80
2	3" Pipe x 26" Long			152.28
2	3" End Plug Welding			13.75
	Welding Rod & Gas			12.00
2	Stainless Steel Lift Baskets			12.80
REBUILD DUCKING SKimmer ARM SUPPORTS ON CARPENTER 2-11-49				
GL Acct#: 6705-20-311.50 1230-20311.49				
Signature: <i>Lang H. H. H. H. H.</i>				
Date: 10/17/14 4020				
ADDITIONAL PARTS SEE LIST ON BACK →				
PARTS TOTAL → 254.63				
OUTSIDE WORK PRICE				
OUTSIDE WORK TOTAL →				

NAME: <i>Alvin Water Resources</i>	DATE: <i>10-1-14</i>
ADDRESS: <i>#3 Audumon Rd P.O. Box 1985</i>	CUSTOMER ORDER NO.
CITY: <i>Lake Ozark MO 65049</i>	TRUCK NO.
MAKE: <i>Yamaha</i> YEAR: <i>2014</i> SER. NO. <i>1509151115</i>	LICENSE NO.
MTFR. NO.	SPEEDOMETER
OPER NO.	REPAIR ORDER INSTRUCTIONS
LABOR CHARGE	
<i>Worked on Pipe. Put in</i>	
<i>Classifier Silo</i>	
<i>Make 2 Stainless Steel</i>	
<i>Lift Baskets</i>	
<i>320.00</i>	
<i>1509151115</i>	
<i>Oct 17 2014</i>	
<i>Tap # 12 490679</i>	
I hereby authorize the above repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate the car or truck herein described on streets, highways or elsewhere for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above car or truck to secure the amount of repairs thereto.	
F.B.	PHONE WHEN READY YES ☐ NO ☐
TOTAL LABOR	320.00
TOTAL PARTS	254.63
MACHINE EARNINGS	30.00
OIL & GREASE	
Freight	18.36
TAX	
TOTAL AMOUNT	622.99



Invoice

Lake of the Ozarks Office
185 Beachwood Dr.
Sunrise Beach, MO 65079
Phone: (573) 480-9084
Fax: (573) 207-0704
www.haynesequip.com
Email: tripley@haynesequip.com

Invoice Number: 0009919-IN
Invoice Date: 10/17/2014

Order Number:
Order Date
Salesperson: 0126
Customer Number: 03-ALLIANC

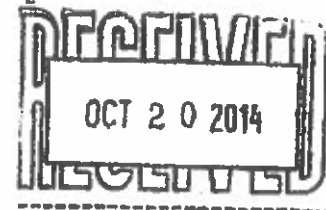
Sold To:
Alliance Water Resources
3 Anderson Rd
Lake Ozark, MO 65049

Ship To:
Alliance Water Resources
3 Anderson Rd
Lake Ozark, MO 65049

Confirm To: Gary Hutchcraft

Customer P.O.	Ship VIA	F.O.B.	Terms NET 30 DAYS	Sales Tax Code TE	
Item Number	Description	Ordered	Price	Amount	
	60-1684-040 932 Battery	1.00	231.88	231.88	

FOR SAMPLERS



GL Acct#: 6705-20 \$120.96 1220-20 \$120.95

Signature: Gary Hutchcraft 4020

Date: 10/20/14

This invoice was paid with credit card ending
Past Due Balances Are Subject To Late Fees
Of 1 1/2% Per Month.

Pts

Net Invoice: \$	231.88
Less Discount:	-
Sub Total \$	231.88
Freight:	10.03
Sales Tax:	-
Invoice Total: \$	241.91



STORE PHONE # 573 348-2725

ADDRESS: 4195 OSAGE BEACH PARKWAY

OSAGE BEACH MO 65065-2151

REMIT TO: PO BOX 9464

SPRINGFIELD MO 65801-9464

BILL TO: 192183

SHIP TO: 192183

ALLIANCE WATER RESOURCES

43 ANDERSON RD

PO BOX 1985

OSAGE BEACH MO 65065-1985

4846-326742

CHARGE SALE

10/29/14

QTY	DESCRIPTION	UNIT PRICE	AMOUNT	TAXES	TOTAL
1	DELIVER				
1	GARY				
1	11702153				
FREE DELIVERY Saver - amount of \$500.16 Superstart Batteries www.oreilly.com					
TOTALS					
CUSTOMER COPY		227.16	133.94	SUB-TOTAL	
GARY				TAXES	
CUSTOMER SIGNATURE: Gary R. Hutelwa				TOTAL 144.81	

Visit Us At: www.oreillyauto.com

AIR FILTER FOR BLOWER @ DIGESTERS

RECEIVED
OCT 29 2014
REGISTERED

GL Acct#: 6705-20 \$77.01 1220-20 \$67.00

Signature: Gary Hutelwa 4020

Date: 10/29/14

ZERGER & MAUER LLP

1100 Main Street

Suite 2100

Kansas City, MO 64105 816/759-3300 Federal ID No. 27-5126971

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: 10/23/2014
 Statement No. 13420
 Page No. 1

Fees

		Rate	Hours	
09/02/2014				
HEZ	Continue working on reply brief.	280.00	4.30	1,204.00
EDC	Obtain various pleadings and decisions to assist in response to Magruder briefing.	160.00	0.50	80.00
09/04/2014				
EDC	Obtain LRC order/minutes adopting Commissioner Winn's recommendation	160.00	0.50	80.00
HEZ	Revise Reply Brief.	280.00	2.00	560.00
09/05/2014				
HEZ	Attorney conference with S.E. Mauer regarding changes to Reply Brief, NO CHARGE.	280.00		
SEM	Edit reply brief; legal research for same; review files for same.	280.00	1.00	280.00
09/09/2014				
SEM	Review and edit reply brief; prepare letter to E. Rucker regarding same.	280.00	2.00	560.00
09/10/2014				
HEZ	Revise Reply Brief per E. Rucker comments.	280.00	1.00	280.00
EDC	Preparation for hearing in Osage Beach including gathering exhibits and maps	160.00	1.00	160.00
09/15/2014				
JBH	Pull case law for SEM for hearing on 9/16.	175.00	0.40	70.00
SEM	Prepare for hearing tomorrow; attorney conference regarding same; prepare outline for argument; telephone conference with E. Rucker regarding sewer board meeting; prepare notes regarding same.	280.00	2.50	700.00
09/16/2014				
SEM	Prepare for argument; meet with N. Viselli regarding same; travel to Miller County for argument.	280.00	4.30	1,204.00

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: 10/23/2014
Statement No. 13420
Page No. 2

		Rate	Hours	
09/23/2014				
SEM	Telephone conference with Joint Sewer Board regarding status and strategy; prepare notes regarding same; attorney conference regarding same.	280.00	0.20	56.00
SEM	Prepare letter to Judge Conley regarding notice of hearing; prepare new notice for same.	280.00	0.50	140.00
09/30/2014				
SEM	Work on oral argument; review production materials; attorney conference regarding same; legal research regarding same.	280.00	1.00	280.00
	For Current Services Rendered		21.20	5,654.00

Expenses

09/15/2014	Photocopy charges	56.00
09/15/2014	Photocopy charges	21.60
09/23/2014	Steve Mauer - Mileage to Tecumseh, MO for hearing.	203.40
09/25/2014	Photocopy charges	2.40
	Total Expenses	283.40

Advances

09/30/2014	Online legal research	9.42
	Total Advances	9.42
	Total Current Work	5,946.82
	Previous Balance	\$4,926.26

Payments

09/26/2014	Payment	-717.48
	Balance Due	<u>\$10,155.60</u>

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

Account Number	Account Name	10/31/2014				Percent YTD
		2012 Actual	2013 Actual	2014 Budget	2014 Actual as of 10/31/2014	2014 October Revenue
3020	Osage Beach	403,305.55	452,145.77	456,500.00	385,598.03	39,833.26
3010	Lake Ozark	86,694.44	92,854.22	93,500.00	72,795.29	6,000.07
3100	Interest	537.49	34.50	35.00	23.55	3.62
3060	Waste Haulers' Fee	40,820.00	41,460.00	41,000.00	30,740.00	3,140.00
Total Operating Fund		531,357.48	586,494.49	591,035.00	489,156.87	48,976.95
E/R Fund Income		1,374.82	1,320.11	1,350.00	987.10	67.01
TOTAL INCOME		532,732.30	587,814.60	592,385.00	490,143.97	49,043.96
						83%

OPERATING FUND INCOME AND EXPENSE SUMMARY
9/30/2014

Beginning Balance	92,458.89
Income - Osage Beach	39,833.26
Income - Lake Ozark	6,000.07
Income - Other	0.00
Income - Waste Haulers' Fees	3,140.00
Interest - Checking	3.62
Income - CD Interest	0.00
Transfers From E/R Fund	0.00
Transfers to E/R fund	-3,467.17
Expenses	-36,479.12
Ending Fund Balance	101,489.55
NOW Account - Central Bank	105,698.33
Outstanding Checks:	-4,208.78
Deposit in Transit:	0.00
	101,489.55

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
9/30/2014

Beginning Balance	401,109.35
Interest - Checking	18.71
Income - CD Interest	48.30
Transfers From E/R Fund	3,467.17
Transfers to E/R Fund	0.00
Income - Miscellaneous	0.00
Expenses	0.00
Ending Fund Balance	404,643.53
NOW Account - First Bank	112,762.43
CD First National Bank, 01/15 #000048178	113,593.69
CD Providence Bank, 07/15 #1268880	76,704.18
CD First National Bank, 01/15 #000049153	101,583.23
Deposit in Transit	0.00
Outstanding Checks:	0.00
	404,643.53

Operating Fund

CHECK REGISTER - JOINT SEWER BOARD OPERATION FUND

	reconciled balance 6/30/14			64,735.22
3382	ER Fund Transfer	X	3,467.17	61,268.05
3383	Alliance Water Resources, Inc.	X	24,037.09	37,230.96
3384	Alliance Water Resources, Inc.	X	1,220.00	36,010.96
3385	Alliance Water Resources, Inc.	X	120.36	35,890.60
3386	JCI	X	4,511.00	31,379.60
3387	Zerger & Mauer	X	1,303.47	30,076.13
3389	Ameren UE	X	8,642.69	21,433.44
	Deposit	X		39,051.98
	Deposit	X		6,781.35
	Deposit	X		4,460.00
	Interest	X		2.52
	reconciled balance 7/31/14			71,729.29
3388	Gorting, Korte, & Chitwood	X	1,900.00	69,829.29
3390	Ameren UE	X	9,199.52	60,629.77
3391	ER Fund Transfer	X	3,467.17	57,162.60
3392	Alliance Water Resources, Inc.	X	24,037.09	33,125.51
3393	Alliance Water Resources, Inc.	X	880.00	32,245.51
3394	Alliance Water Resources, Inc.	X	136.65	32,108.86
3396	Lake Sun	X	240.75	31,868.11
	Deposit	X		39,326.28
	Deposit	X		6,567.06
	Deposit	X		5,160.00
	Interest	X		2.59
	reconciled balance 8/31/14			82,924.04
3395	Zerger & Mauer	X	575.48	82,348.56
3397	Ameren UE	X	9,482.66	72,865.90
3398	ER Fund Transfer	X	3,467.17	69,398.73
3399	Alliance Water Resources, Inc.	X	24,037.09	45,361.64
3400	Alliance Water Resources, Inc.	X	312.92	45,048.72
3401	Purcell Tire	X	1,041.71	44,007.01
	Deposit	X		39,740.65
	Deposit	X		6,092.68
	Deposit	X		3,740.00
	Interest	X		3.43
	reconciled balance 9/30/14			93,583.77
3402	Zerger & Mauer	X	717.48	92,866.29
3403	Mission Communication	X	407.40	92,458.89
3404	Ameren UE	X	4,953.33	87,505.56
3405	ER Fund Transfer	X	3,467.17	84,038.39
3406	Alliance Water Resources, Inc.	X	24,037.09	60,001.30
3407	Alliance Water Resources, Inc.	X	523.17	59,478.13
3409	Merchant Construction	X	2,756.75	56,721.38
	Deposit	X		39,833.26
	Deposit	X		6,000.07
	Deposit	X		3,140.00
	Interest	X		3.62
	reconciled balance 10/31/14			105,698.33



P.O. Box 45(N), Jefferson City, MO 65102
(573) 348 2761 0011

Return Service Requested

• Үлс төр, засаг, гэрээ, хамтын ажиллагаа

Period	Page
10/01/2014-10/31/2014	1 of 2

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

7

Account Balances & Other Assets

Checking	\$ 105,698.33
Total	<u>\$ 105,698.33</u>

Checking

Beginning Balance September 30, 2014	\$	93,583.77
--------------------------------------	----	-----------

Oct 16 Deposit	6,000 07
Oct 16 Deposit	39,833 26
Oct 22 Deposit	840 00
Oct 24 Deposit	2,300 00
Oct 31 Interest Earned	3 82

Total	+\$	48,976.95
--------------	------------	------------------

Check No.	Date Paid	Amount	Check No.	Date Paid	Amount
3402	Oct 01	717 48	3408	Oct 24	24,037 09
3403	Oct 06	407 40	3407	Oct 24	523 17
3404	Oct 15	4,853 33	3409	Oct 29	2,756 75
3405	Oct 23	3,467 17			

Total	\$	38,862.39
--------------	-----------	------------------

Ending Balance October 31, 2014	\$	105,698.33
--	-----------	-------------------

Number of days since last statement/interest cycle	31
Beginning and ending dates for calculation of statement/interest cycle	are 10/01/2014 through 10/31/2014
Average collected balance	106,486.00
Interest rate	0.04%
Annual percentage yield earned	0.04%

JSB - CHECK REGISTERS 2013

CHECK REGISTER - JOINT SEWER BOARD EQUIPMENT REPLACEMENT FUND

	reconciled balance 1/31/14			85,871.46
	Interest	X	10.00	85,881.46
	Deposit	X	3,467.17	89,348.63
	reconciled balance 2/28/14			89,348.63
	Interest	X	11.54	89,360.17
	Deposit	X	3,467.17	92,827.34
	reconciled balance 3/31/14			92,827.34
	Interest	X	11.63	92,838.97
	Deposit	X	3,467.17	96,306.14
	reconciled balance 4/30/14			96,306.14
	Interest	X	11.99	96,318.13
	Deposit	X	3,467.17	99,785.30
	reconciled balance 5/31/14			99,785.30
	Interest	X	14.42	99,799.72
	Deposit	X	3,467.17	103,266.89
	reconciled balance 6/30/14			103,266.89
	Interest	X	17.81	103,284.70
	Deposit	X	3,467.17	106,751.87
	reconciled balance 7/31/14			106,751.87
	Interest	X	16.70	106,768.57
1007	Check	X	4,445.00	102,323.57
	Deposit	X	3,467.17	105,790.74
	reconciled balance 8/31/14			105,790.74
	Interest	X	18.64	105,809.38
	Deposit	X	3,467.17	109,276.55
	reconciled balance 9/30/14			109,276.55
	Interest	X	18.71	109,295.26
	Deposit	X	3,467.17	112,762.43
	reconciled balance 10/31/14			112,762.43



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

536 00010 2:
ACCOUNT:
DOCUMENTS:

GE: 1
/31/2014

67

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 in...
For more information about FDIC insurance, visit <http://www.fdic.gov/deposit/deposit-expiration.html>

BUSINESS MMDA ACCOUNT

LAST STATEMENT 09/30/14 109,276.55
2 CREDITS 3,485.88
DEBITS .00
THIS STATEMENT 10/31/14 112,762.43

REF #.....DATE.....AMOUNT REF #.....DATE.....AMOUNT REF #.....DATE.....AMOUNT
10/22 3,467.17

DESCRIPTION DATE AMOUNT
INTEREST 10/31 18.71

AVERAGE LEDGER BALANCE: 110,394.99 INTEREST EARNED: 18.71
AVERAGE AVAILABLE BALANCE: 110,171.30 DAYS IN PERIOD: 31
INTEREST PAID THIS PERIOD: 18.71 ANNUAL PERCENTAGE YIELD EARNED: .20%
INTEREST PAID 2014: 142.28

*** CONTINUED ***



NOTICE: SEE REVERSE SIDE FOR IMPORTANT INFORMATION





**OPERATING
DIVISIONS**

MISSOURI

Atchison County
Bonne Terre
Boonville
Bowling Green
Buchanan County #1
Cameron
Cape Girardeau
Craig
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
Rails 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 October 2014

Submitted by Alliance Water Resources, Inc. for the

November 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	E.coli Colonies/100 ml	Coliform	Ammonia as N mg/L	O&G mg/L	Metals Selenium ug/L
Monthly Average	1.1	1.3	NA	< 20		.07	<5.0	NA
Peak Day	1.3	1.6	8.0	< 20		.19	<5.0	NA
Percent Removal	99.4	99.5	NA	NA		NA	NA	NA

NPDES EFFLUENT LIMITATIONS

	BOD mg/l	TSS mg/l	pH	E.coli Colonies/100 ml	Coliform	Ammonia as N mg/L	O&G mg/L	Metals Selenium ug/ L
Monthly Average	30	30	6-9	126		1.2	10	4.0
Weekly Average	45	45		630				
Daily Max						5.6	15	8.1

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 1.548 MGD or 52% of Permitted flow with Lake Ozark contributing 14% of the total flow and Osage Beach contributing 86%. Daily influent flow BOD and TSS data is presented in Table A. Daily flow for the month and rainfall are shown in Figure 2. A three-year flow history for each of the two cities is presented in Table B.

Organic loading for the month was 72909 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 5 tanker loads of bio-solids during the month equivalent to a total of 18,500 gallons and 6,789 pounds dry weight solids.

506,812 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 256,250 gallons with a level of 4.0 feet in Tank 1 and 1.0 feet in Tank 2.

WASTEHAULERS

The plant received 33 loads of septage during the month totaling 79,500 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)
- Hogan's Inc. has been on the job sandblasting and painting on Clarifier #1 since the 16th of October and is doing a good job. They have had a few rain days that have slowed down progress but plan on being completed by the 3rd week of October, weather permitting.
- Merchant Construction was here on the 24th of October to install the metal roof on the digesters blower building and it looks really good and should last for many years.

SAFETY

- We conducted our monthly routine Safety Meeting on Fire Prevention on the 7th of October.

REGULATORY AGENCY, INSPECTION AND REPORTS

- We filled out the EDMR on MDNR website on the 6th of November.
- Brandon Baumhoer with MDNR's Jefferson City office was here on the 1st of October to set up a sampler at our outfall and came back on the 2nd to pick it up.
- Greg Perkins with MDNR's Southwest Regional office was here on the 8th of October to do a plant inspection.

MISCELLANEOUS AND RECOMMENDATIONS

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF October 2014

DATE		FLOW					BOD 5 MG/L			TSS MG/L		
	RAIN FALL IN.	LO mgd	OB mgd	COMB mgd	% LO	% OB	LO mg/l	OB mg/l	COMB mg/l	LO mg/l	OB mg/l	COMB mg/l
1-Oct		0.185	1.184	1.369	13.5	86.5						
2-Oct		0.174	1.116	1.290	13.5	86.5						
3-Oct	1.6	0.237	1.561	1.798	13.2	86.8	160	223	185	156	192	164
4-Oct		0.201	1.151	1.352	14.9	85.1						
5-Oct		0.214	1.202	1.416	15.1	84.9						
6-Oct		0.190	1.122	1.312	14.5	85.5						
7-Oct	0.1	0.159	1.147	1.306	12.2	87.8						
8-Oct		0.156	1.111	1.267	12.3	87.7						
9-Oct		0.183	1.143	1.326	13.8	86.2						
10-Oct	2.5	0.350	1.992	2.342	14.9	85.1	165	168	173	156	192	208
11-Oct	1.1	0.433	2.247	2.680	16.2	83.8						
12-Oct		0.238	1.542	1.780	13.4	86.6						
13-Oct	1.1	0.227	1.529	1.756	12.9	87.1						
14-Oct	0.3	0.375	2.337	2.712	13.8	86.2						
15-Oct	0.3	0.230	1.374	1.604	14.3	85.7						
16-Oct		0.226	1.240	1.466	15.4	84.6						
17-Oct		0.186	1.175	1.361	13.7	86.3	120	173	193	114	190	444
18-Oct		0.202	1.233	1.435	14.1	85.9						
19-Oct		0.202	1.383	1.585	12.7	87.3						
20-Oct		0.190	1.303	1.493	12.7	87.3						
21-Oct		0.167	1.278	1.445	11.6	88.4						
22-Oct		0.184	1.223	1.407	13.1	86.9						
23-Oct		0.190	1.253	1.443	13.2	86.8						
24-Oct		0.195	1.275	1.470	13.3	86.7	160	148	175	176	138	184
25-Oct		0.229	1.629	1.858	12.3	87.7						
26-Oct		0.252	1.307	1.559	16.2	83.8						
27-Oct		0.162	0.960	1.122	14.4	85.6						
28-Oct	0.75	0.202	1.204	1.406	14.4	85.6						
29-Oct		0.183	1.144	1.327	13.8	86.2						
30-Oct		0.169	1.063	1.232	13.7	86.3						
31-Oct	0.15	0.168	0.894	1.062	15.8	84.2	163	148	185	160	80	236
SUM	7.9	6.659	41.322	47.981								
AVG		0.215	1.333	1.548	14	86	154	172	182	152	158	247
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

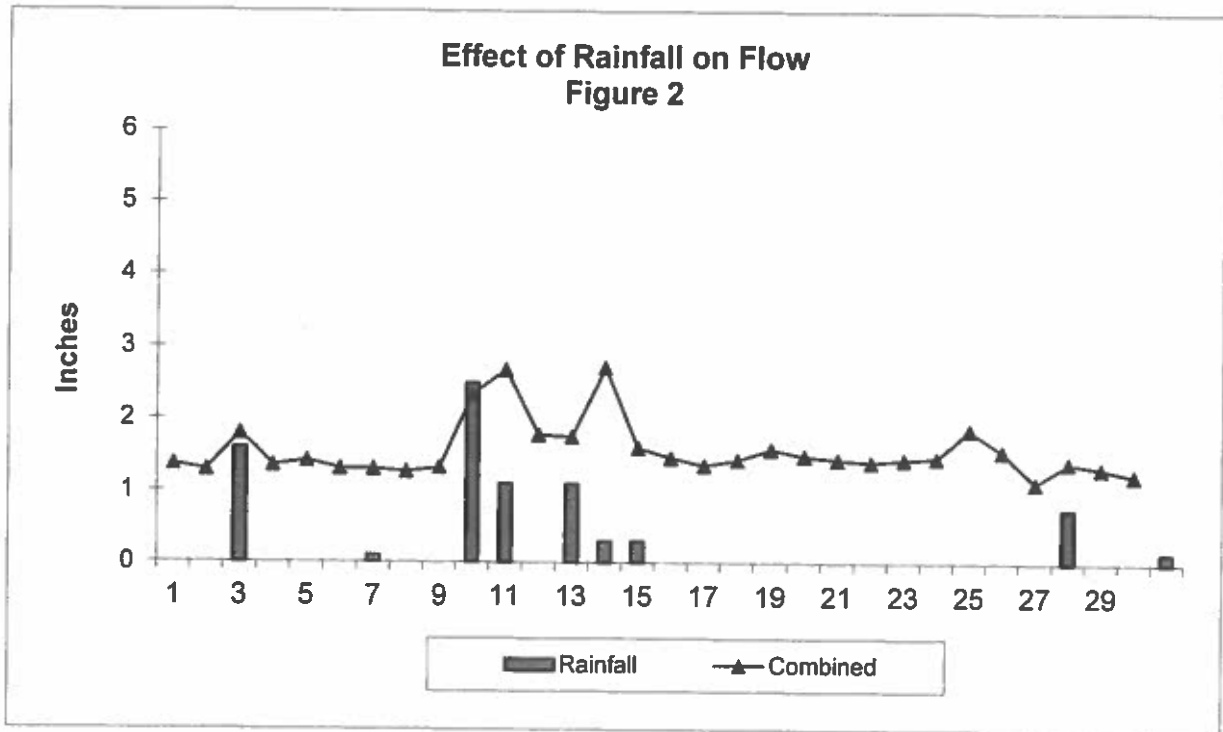
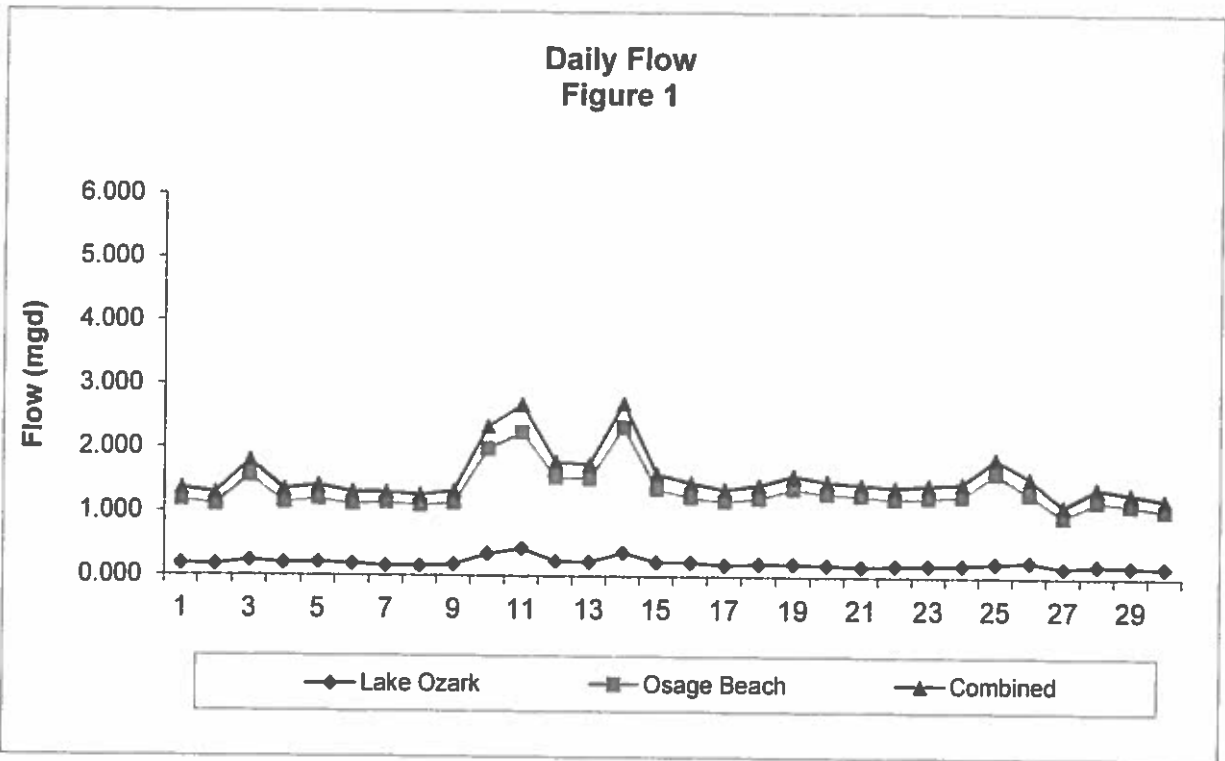
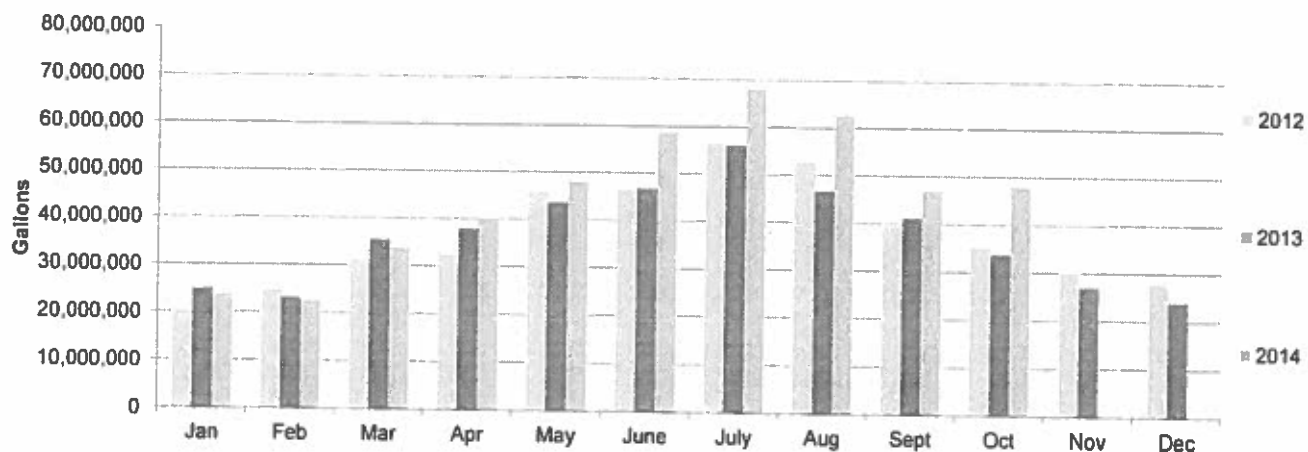


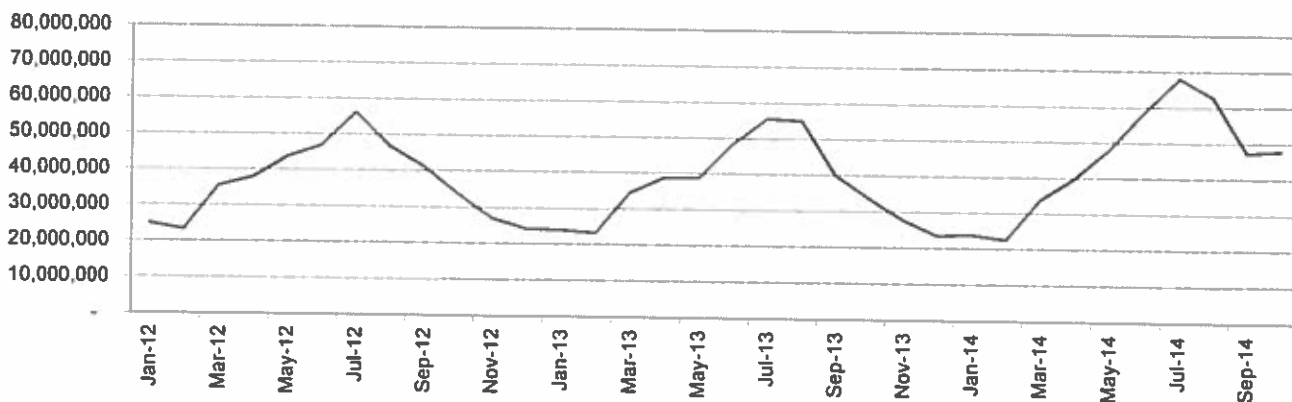
TABLE B
JOINT SEWER BOARD
Monthly Flows

<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%
<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%
<u>2014</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	3.0	19,229,000	81%	4,634,000	19%	23,863,000	100%
February	1.3	18,444,000	82%	4,114,000	18%	22,558,000	100%
March	1.2	28,731,000	85%	5,061,000	15%	33,792,000	100%
April	5.1	33,479,000	84%	6,515,000	16%	39,994,000	100%
May	4.7	41,054,000	85%	7,129,000	15%	48,183,000	100%
June	5.1	50,416,000	86%	8,342,000	14%	58,758,000	100%
July	3.1	59,089,000	87%	9,059,000	13%	68,148,000	100%
August	2.9	54,624,000	87%	8,228,000	13%	62,852,000	100%
September	3.4	40,316,000	86%	6,735,000	14%	47,051,000	100%
October	7.9	41,322,000	86%	6,659,000	14%	47,981,000	100%
November							
December							

Monthly Influent Flow
Figure 3A

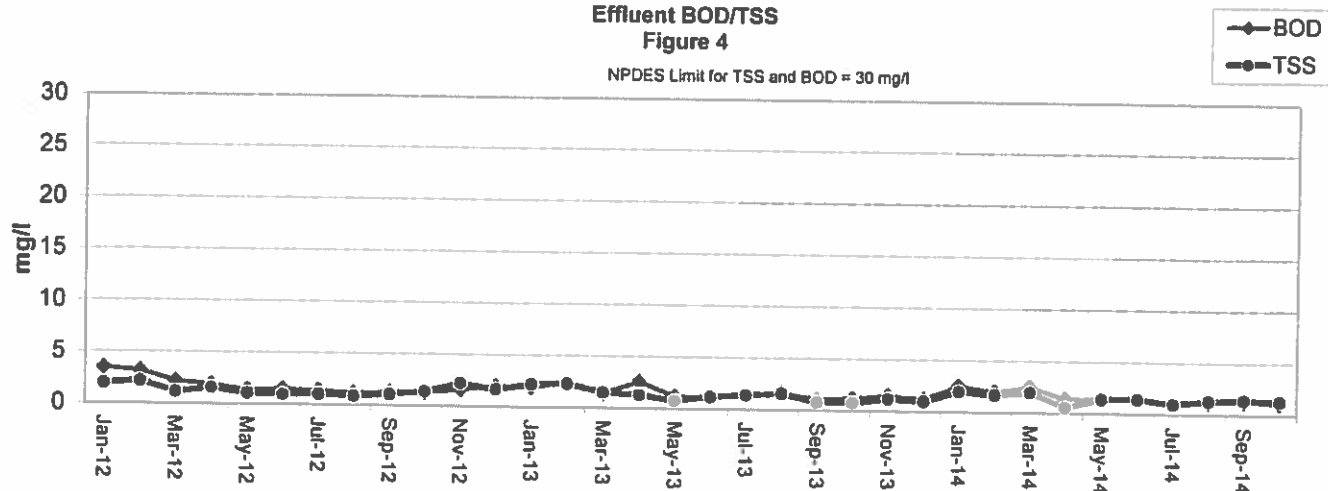


Monthly Influent Flow
Figure 3B

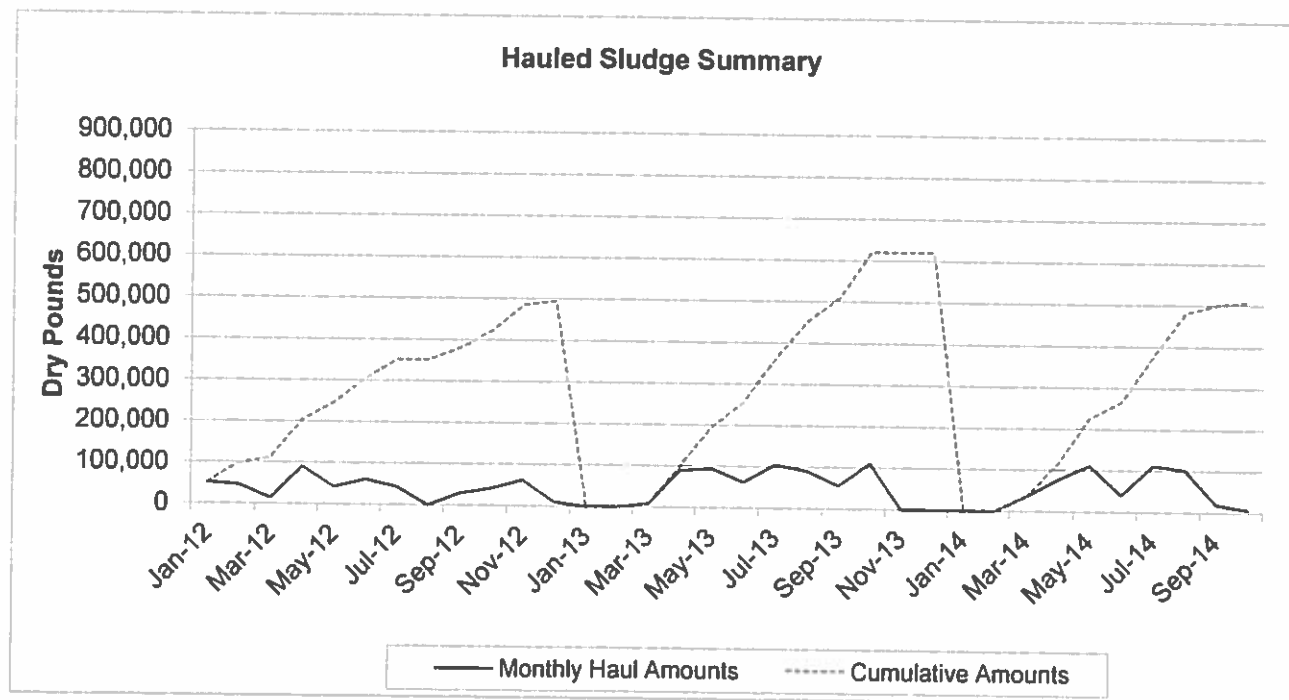
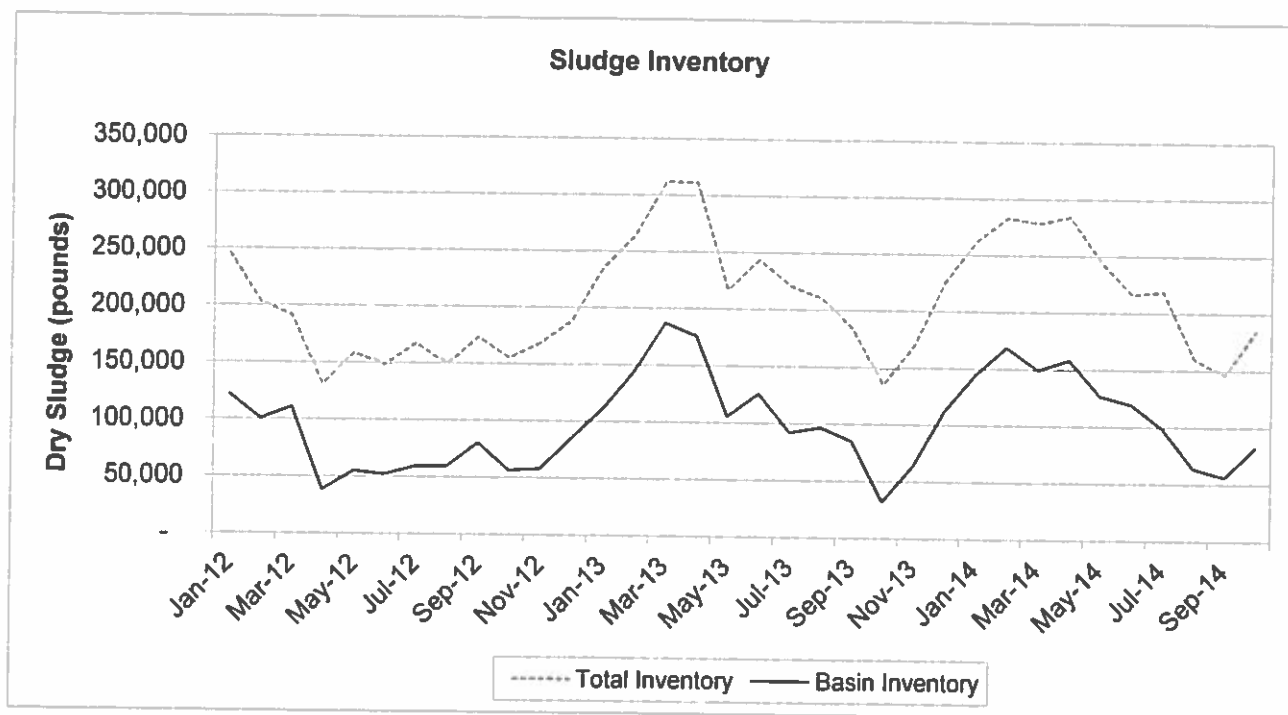


Effluent BOD/TSS
Figure 4

NPDES Limit for TSS and BOD = 30 mg/l

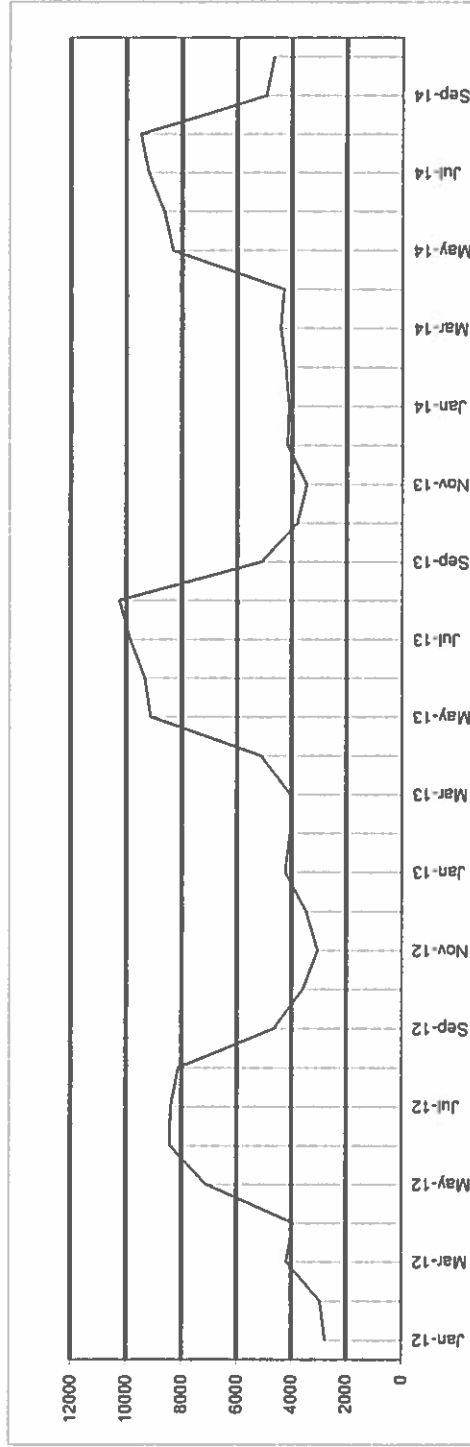


Loads	Gallons	Hauled Sludge		Annual Cumulative # Dry	Basin Depths			# Dry	Blanket Depths			MLSS Inventory			Blanket and MLSS Inventory		MLSS	Total Dry	Accepted	Septage
		# Dry	% Solids		Tank #1	Tank #2	AB #1		Basin Gallons	Clar #1	Clar #2	Clar #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry				
Jan-12	46	170,200	51,317	3.6%	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%	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%	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	86	318,200	90,939	3.4%	2.0	1.0	0.0	135,000	38,582	2.0	2.5	2.5	2,870	3,768,499	93,682	0.00297	132,264	37	86,500	
May-12	47	173,900	42,848	2.9%	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	28	65,000	
Jun-12	56	207,200	60,513	3.5%	1.0	3.0	0.0	180,000	52,569	1.0	3.0	1.0	3,560	3,714,476	96,809	0.00313	149,378	55	138,000	
Jul-12	45	168,500	44,127	3.2%	5.0	2.0	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%	2.5	2.5	0.0	225,000	59,631	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%	4.5	3.0	0.0	337,500	60,605	2.0	0.0	2.5	3,080	3,744,064	93,521	0.003	174,126	37	91,500	
Oct-12	40	148,000	41,473	3.4%	4.5	0.0	0.0	202,500	56,745	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%	2.0	2.0	0.0	180,000	58,460	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%	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	-	-	3.5%	6.0	5.0	0.0	495,000	144,491	1.0	2.0	1.0	4,000	3,696,714	119,314	0.00387	263,805	56	110,000	
Mar-13	8	29,500	8,517	3.5%	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	273,600	89,488	3.9%	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%	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	217,688	36	85,500	
Jun-13	54	198,900	62,210	3.7%	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	97	358,900	105,164	3.5%	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	211,218	58	137,500	
Aug-13	74	273,600	90,969	4.0%	8.5	0.0	0.0	292,500	97,182	2.0	2.5	2.0	3,580	3,766,785	114,036	0.00363	185,492	57	142,500	
Sep-13	48	177,600	50,645	3.8%	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%	2.0	0.0	0.0	90,000	32,375	2.0	2.0	2.0	2,950	3,680	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	1.0	0.0	1.0	3,220	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	0.0	0.5	1.0	3,600	3,652,309	113,921	0.00374	226,887	19	47,500	
Jan-14	0	-	0	4.3%	4.0	5.0	0.0	405,000	145,241	2.0	2.5	0.0	3,690	3,679,929	117,392	0.00383	262,633	22	54,500	
Feb-14	0	-	0	4.3%	5.0	5.5	0.0	472,500	169,448	1.5	2.5	0.0	3,410	3,671,048	113,894	0.00372	263,341	6	15,000	
Mar-14	29	107,300	35,703	4.0%	5.0	5.0	0.0	450,000	149,733	0.5	0.5	0.5	4,270	3,639,476	129,001	0.00425	278,734	35	90,500	
Apr-14	65	240,500	77,176	3.8%	7.5	3.5	0.0	495,000	158,845	1.5	1.0	1.5	4,420	3,709,547	125,761	0.00407	284,606	30	75,000	
May-14	96	355,200	111,613	3.8%	5.5	3.5	0.0	405,000	127,261	1.0	2.0	2.0	3,550	3,740,142	118,377	0.0038	245,638	24	60,000	
Jun-14	41	151,700	40,455	3.2%	4.5	5.5	0.0	450,000	120,005	3.0	2.0	2.0	3,530	3,775,666	96,986	0.00308	216,991	26	61,000	
Jul-14	117	432,900	112,292	3.1%	6.5	2.0	0.0	382,500	99,219	5.0	1.5	1.5	4,030	3,780,595	120,445	0.00382	216,664	44	111,500	
Aug-14	107	395,900	102,973	3.1%	5.5	0.0	0.0	247,500	64,374	1.0	1.0	1.0	3,690	3,678,952	97,110	0.00317	161,484	55	129,000	
Sep-14	17	62,900	19,811	3.8%	2.5	1.5	0.0	180,000	56,693	0.0	1.5	1.0	2,670	3,670,071	89,989	0.00284	146,662	37	92,500	
Oct-14	5	18,500	6,789	4.4%	4.0	1.0	0.0	225,000	82,569	0.0	1.5	2.0	2,990	3,713,499	102,358	0.00331	184,927	33	79,500	

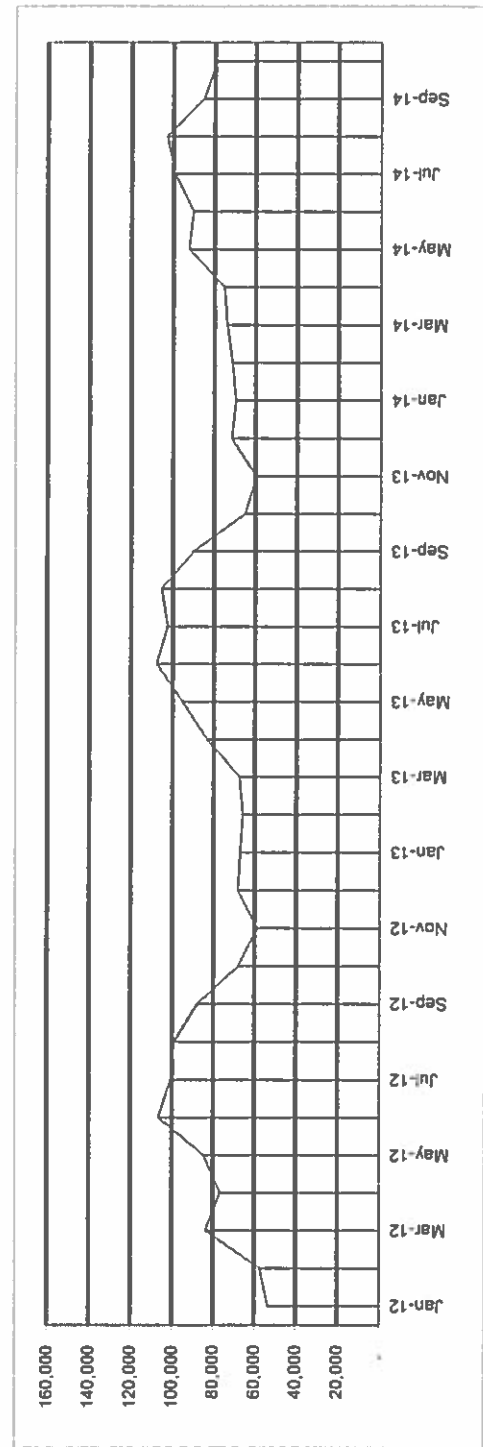


Electric Cost

	Electric Cost	Kilowatts Used
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
Jan-14	4116	69,690
Feb-14	4226	71,330
Mar-14	4427	73,840
Apr-14	4297	75,240
May-14	8325	92,580
Jun-14	8643	90,400
Jul-14	9200	99,540
Aug-14	9483	103,070
Sep-14	4953	85,380
Oct-14	4663	78,920



Kilowatts Used





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

NAME OF FACILITY						LOCATION ADDRESS & CITY							COUNTY/REGION	
Lake of the Ozarks Regional WWTP #1						#3 Anderson Road							Miller/SWRO	
MONTH/YEAR		PERMIT NUMBER				OUTFALL NUMBER		TYPE TREATMENT FACILITY						
Oct-14		MO-0103241				#001		Oxidation Ditch/UV/Sludge Holding-sludge is land applied						
INFLUENT					EFFLUENT								% Removal	
DATE	pH UNITS	BOD mg/L	TSS mg/L	TEMP °C	FLOW MGD	pH UNITS	BOD mg/L	TSS mg/L	Ammonia as N mg/l	DO mg/L	E. coli COLFRM #/100 ML	TEMP °C	BOD mg/L	TSS mg/L
1	7.3			21.3	1.381	7.9				6.4		21.5		
2	7.3			21.9	1.405	7.9			0.02	5.7		21.6		
3	7.3	185	164	21	1.958	7.9	1.3	1.6		5.7		20.9	99.3	99.0
4	7.2			19.8	1.531	8.0				6.7		17.7		
5	7.4			19.5	1.617	7.9				6.6		17.3		
6	7.4			20.7	1.512	7.9				5.9	< 20	18.8		
7	7.3			20.7	1.460	7.8				6.2		18.6		
8	7.3			20.4	1.324	7.9				6.0		18.6		
9	7.3			20.6	1.481	7.9			0.02	5.6		19.3		
10	7.4	173	208	20	2.624	7.8	1.0	1.2		4.5		19	99.4	99.4
11	7.3			19.7	2.866	7.8				5.6		18.6		
12	7.5			19.4	1.976	8.0				7.0		18.1		
13	7.3			20.1	1.967	7.9				7.0	< 20	18.4		
14	7.3			19.3	2.971	7.8				5.3		18.3		
15	7.4			19	1.830	7.9				6.6		17.7		
16	7.3			18.3	1.793	7.9			0.04	6.8		16.6		
17	7.3	193	444	18.5	1.556	7.9	0.7	0.8		6.3		17	99.6	99.8
18	7.5			17.3	1.517	7.9				7.4		16.3		
19	7.4			17.9	1.826	8.0				7.4		15.8		
20	7.4			18.7	1.845	7.8				7.5	< 20	17		
21	7.4			18.7	1.630	7.9				6.0		16.9		
22	7.4			18	1.500	7.9				6.4		16.6		
23	7.4			18.2	1.727	7.9			0.05	6.5		17		
24	7.4	175	184	19.1	1.711	7.9	1.1	1.6		6.3		17.8	99.4	99.1
25	7.5			20.2	1.968	7.9				6.0		18.8		
26	7.4			20.5	1.684	7.9				5.7		19.5		
27	7.4			19.4	1.217	7.7				5.8	<20	19.2		
28	7.5			18.6	1.605	7.9				6.8		18.6		
29	7.4			17.3	1.483	7.9				6.4		17.2		
30	7.5			17.6	1.786	7.9			0.19	6.6		16.2		
31	7.4	185	236	17.4	2.018	8.0	1.2	1.4		6.9		15.2	99.4	99.4
Total					54.769									
Avg		182	247	19	1.767		1.1	1.3	0.06	6.3	0.0	18.1	99.4	99.4
Min	7.2	173	164	17	1.217	7.7	0.7	0.8	0.02	4.5	0.0	15.2	99.3	99.0
Max	7.5	193	444	22	2.971	8.0	1.3	1.6	0.19	7.5	0.0	21.6	99.6	99.8

MONTHLY EFFLUENT MONITORING		QUARTERLY EFFLUENT MONITORING	
DATE	Oil & Grease mg/L	Selenium µg/L	Zinc µg/L
1	< 5.0	< 0.010	0.024
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			
Total			
Avg	< 5.0	< 0.010	0.024
Min	< 5.0	< 0.010	0.024
Max	< 5.0	< 0.010	0.024

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	6,789	3.2	3,570	280	21	4.2	3,010	250	21.1	64	0	7:30
2		3.4	3,510	330	21.3	4.4	2,460	230	21.4	68	0	7:30
3		2.5	3,850	340	20.5	2.8	2,790	220	20.6	58	1.6	7:30
4		4.3	3,340	310	17.2	4.4	2,490	240	17.7	45	0	7:30
5		3.2	3,160	300	16.7	3.6	2,720	270	17.1	48	0	7:30
6		4.1	3,370	300	18.3	4.3	2,990	280	18.3	55	0	7:30
7		3.8	3,640	330	18.5	3.6	2,700	230	18.7	58	0.1	7:30
8		3.5	3,070	260	18.3	3.5	3,020	260	18.4	53	0	7:30
9		2.9	3,510	300	19.2	2.7	2,880	250	19.2	64	0	7:30
10		1.3	2,490	200	18.8	0.9	1,620	150	18.9	57	2.5	7:30
11		3.7	3,320	300	18.1	4.9	2,650	240	18.4	53	1.1	7:30
12		5.5	3,290	290	17.4	5.6	2,660	260	17.7	56	0	7:30
13		3.5	3,560	330	18.4	3.5	2,620	240	18.6	64	1.1	7:30
14		4.0	3,490	340	17.9	4	2,740	270	18.2	54	0.3	7:30
15		4.4	3,610	340	17.2	4.7	2,510	230	17.5	51	0.3	7:30
16		3.9	3,510	290	15.9	5	2,600	270	16.4	45	0	7:30
17		3.9	3,270	260	16.9	4.3	3,440	320	17	50	0	7:30
18		4.4	2,970	270	15.8	5.1	2,780	280	16.2	46	0	7:30
19		5.2	2,870	280	15.7	4.9	2,900	300	15.9	42	0	7:30
20		4.8	3,210	310	17	3.9	3,170	350	17	53	0	7:30
21		3.5	3,570	350	16.5	3.6	3,260	330	16.7	47	0	7:30
22		4.7	2,810	280	16.1	3.8	3,430	330	16.4	45	0	7:30
23		4.1	3,570	360	16.5	3.7	3,120	290	16.7	51	0	7:30
24		3.1	4,050	420	17.1	4.1	3,080	250	17.8	61	0	7:30
25		2.3	3,620	350	19.2	2.3	2,540	240	19	68	0	7:30
26		1.8	3,710	350	19.8	1.6	2,800	250	19.5	67	0	7:30
27		2.4	3,580	360	19.2	3.3	2,480	250	19.4	68	0	7:30
28		3.6	3,600	360	18.2	3.9	2,610	250	18.3	54	0.75	7:30
29		3.2	3,270	340	15.9	3.9	2,700	270	16.5	41	0	7:30
30		4.6	3,000	270	15.1	5.2	2,570	260	15.5	39	0	7:30
31		5.6	2,990	260	14.8	4.9	3,620	380	15.1	44	0.15	7:30

COMMENTS:

TESTS PERFORMED BY (PRINT)	SIGNATURE	PHONE #	DATE
John Hornback		(573)365-0455	11/6/2014
REPORT APPROVED BY (PRINT)	SIGNATURE	PHONE #	DATE
Gary Hutchcraft		(573)365-0455	11/6/2014

*Required Daily (Monday - Friday)

**Required 1/week

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

Dep. of Natural Resources
(REGIONAL OFFICE)
Southwest Regional Office
2040 W. Woodland
Springfield, MO 65807-3912
4178914300
4178914399 (fax)

PERMITTEE NAME/ADDRESS

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

MO0103241	001 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2014	10	01	2014	10	31

FROM

TO

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS
BEFORE COMPLETING THIS FORM

Parameter		MASS	Unit	CONCENTRATION	Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
BOD, 5-day, 20 deg. C (00310)	REPORTD	*****		1.3	1.1	*****	Weekly	24 Hour Composite
Stage Type: End of Pipe	REQRMNT	*****		Weekly Average: 45	Monthly Average: 30	*****	Weekly	24 Hour Composite
E. coli, colony forming units (CFU) (31041)	REPORTD	*****		*****	<20	<20	Weekly	Grab
Stage Type: End of Pipe	REQRMNT	*****		*****	Weekly Average: 630	Monthly Average: 126	Weekly	Grab
Flow, in conduit or thru treatment plant (50050)	REPORTD	2.971	1.767	*****	*****	*****	Daily	Record
Stage Type: End of Pipe	REQRMNT	Daily Maximum Monitoring Required	Monthly Average Monitoring Required	*****	*****	*****	Daily	Record
Nitrogen, ammonia total (as N) (00610)	REPORTD	*****		.19	.06	*****	Weekly	Grab
Stage Type: End of Pipe	REQRMNT	*****		Daily Maximum: 5.6	Monthly Average: 1.3	*****	Weekly	Grab
Oil and grease (sewage) (00550)	REPORTD	*****		<5.0	<5.0	*****	Monthly	Grab
Stage Type: End of Pipe	REQRMNT	*****		Daily Maximum: 15	Monthly Average: 10	*****	Monthly	Grab
pH (00400)	REPORTD	*****		7.7	8.0	*****	Weekly	Grab
Stage Type: End of Pipe	REQRMNT	*****		Minimum: 6	Maximum: 9	*****	Weekly	Grab
Temperature, water deg. centigrade (00010)	REPORTD	*****		21.6	18.1	*****	Weekly	Grab
Stage Type: End of Pipe	REQRMNT	*****		Daily Maximum Monitoring Required	Monthly Average Monitoring Required	*****	Weekly	Grab

GENERAL PERMIT REQUIREMENTS OR COMMENTS:
OUTFALL-SPECIFIC COMMENTS:
PARAMETER-SPECIFIC COMMENTS:

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

OPERATOR IN RESPONSIBLE CHARGE		7305
Gary Hutchcraft		CERTIFICATE NUMBER
TYPED OR PRINTED NAME		573-365-0455
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	2014-11-06 14:59:46
Gary F Hutchcraft	Gary F Hutchcraft	Date
TYPED OR PRINTED NAME	SIGNATURE	

Page 1

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

Dep. of Natural Resources
(REGIONAL OFFICE)
Southwest Regional Office
2040 W. Woodland
Springfield, MO 65807-3912
4178914300
4178914399 (fax)

PERMITTEE NAME/ADDRESS

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

MO0103241	001 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2014	10	01	2014	10	31

FROM

TO

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS
BEFORE COMPLETING THIS FORM

Parameter		MASS	Unit	CONCENTRATION	Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
Total Suspended Solids (TSS) (00530)	REPORTD	*****		1.6	1.3	*****	Weekly	24 Hour Composite
Stage Type: End of Pipe	REQRMNT	*****		Weekly Average: 45	Monthly Average: 30	*****	Weekly	24 Hour Composite

GENERAL PERMIT REQUIREMENTS OR COMMENTS:
OUTFALL-SPECIFIC COMMENTS:
PARAMETER-SPECIFIC COMMENTS:

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

OPERATOR IN RESPONSIBLE CHARGE		7305
Gary Hutchcraft		CERTIFICATE NUMBER
TYPED OR PRINTED NAME		573-365-0455
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	2014-11-06 14:59:46
Gary F Hutchcraft	Gary F Hutchcraft	Date
TYPED OR PRINTED NAME	SIGNATURE	

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LAKE OZARKWOSAGE BEACH WWTP
Operation Report

FOR OCTOBER 2014

[illegible]

Date 11/6/2014

Approved by _____

Prepared by GIL FILM 24

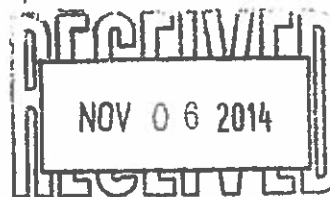
Use following abbreviations R-rim, S-snow, D-overcast, C-clear, PC-partly cloudy

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: 128120



Report of Analysis

Reference:

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

Log Number: 1716719 Sample Description: Quarterly Sludge Sample Date: 10/1/2014 Sample Received Date: 10/2/2014

Coli S

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Fecal Coliform in Sludge	4,500	CFU/g	SM-9222 D-97		10/02/14	102
Total Solids Average	5.48	% w/w	SM-2540 G-97		10/02/14	102

Nutrients

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Phosphorus	22900	mg/Kg	SM-20 4500-P E-99		10/06/14	133

PAN Group

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Ammonia as Nitrogen	9,850	mg/Kg	Lachat-10-107-06-1-K		10/13/14	102
Kjeldahl Nitrogen	42,100	mg/Kg	Lachat-10-107-06-2-K		10/13/14	102
Nitrate as Nitrogen	< 37	mg/Kg	EPA-300.0 Rev. 2		10/06/14	133
Nitrite as Nitrogen	< 37	mg/Kg	EPA-300.0 Rev. 2		10/06/14	133
Organic Nitrogen	32,300	mg/Kg	Lachat-10-107-06-2-K		10/13/14	102
PAN - Subsurface Application	16310	ppm	Calculation		10/24/14	127
PAN - Surface Application	13355	ppm	Calculation		10/24/14	127

Preparation Methods

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Anions IC Sample Preparation	1	Prep	SM-4110B-00		10/02/14	133
Metals ICP Sample Digestion	1	Prep	EPA-200.7 Rev. 4.4	PDC	10/16/14	
Total Metals Flame-AA Digestion	1	Prep	EPA-200.2		10/06/14	133

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

Report Number: 128120

Report of Analysis

Log Number: 1716719 Sample Description: Quarterly Sludge Sample Date: 10/1/2014 Sample Received Date: 10/2/2014

Solids

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Total Solids	5.54	% w/w	SM-2540 G-97		10/03/14	102

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	10/16/14	
Cadmium	< 0.30	mg/Kg	SM-3111 B-99		10/14/14	133
Chromium	42.7	mg/Kg	SM-3111 B-99		10/17/14	133
Copper	534	mg/Kg	SM-3111 B-99		10/09/14	133
Lead by ICP	29	mg/Kg	EPA-200.7 Rev. 4.4	PDC	10/16/14	
Mercury by Cold-Vapor Technique	< 0.10	mg/Kg	SM-3112 B-99		10/23/14	133
Molybdenum by ICP	7.4	mg/Kg	EPA-200.7 Rev. 4.4	PDC	10/16/14	
Nickel	16.4	mg/Kg	SM-3111 B-99		10/14/14	133
Potassium	944	mg/Kg	SM-3111 B-99		10/09/14	133
Selenium by ICP	< 2.0	mg/Kg	EPA-200.7 Rev. 4.4	PDC	10/16/14	
Zinc	1030	mg/Kg	SM-3111 B-99		10/09/14	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

CHAIN OF CUSTODY RECORD

Client:

Client:

Address: P.O. Box 1985 / #3 ANDERSON, ID.

City/State/Zip: LAKE OZARK MO 65049

PO Number: 4/A ☐ Rush Requested (Due Date: _____)

Sampler's Signature:Date: 16/1/14 Time: 2:55 ☐ See Table

Additional Comments:

[illegible]

FECAL COLIFORM IN SLUDGE

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

 Log # 1716719

 Date: 10/2/2014

 Analyst: SCS/133
Total Solid calculation

Sample Replicate	Sample Size (grams)	Tare Weight (grams)	Tare Wt. + Res. (grams)	Residue Wt. (grams)	Final Result (%w/w)
A	26.6964	1.9609	3.4435	1.4826	5.55
B	25.8646	1.9533	3.3470	1.3937	5.39
C	26.9922	1.9527	3.4161	1.4634	5.42
D	26.4470	1.9736	3.4449	1.4713	5.56
E	25.9228	1.9639	3.3708	1.4069	5.43
F	26.0812	1.9601	3.4104	1.4503	5.56
G	25.9311	1.9765	3.3919	1.4154	5.46
				Average Total Solid	5.48

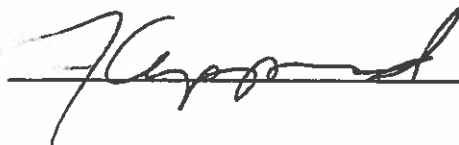
Colony Counts

 Date: 10/2/2014

 Analyst: 102

Sample Replicate	Wt. Of Sample (grams)	Sample Size (mls - 0.1, 1.0, 10)	Colony Count used	Final Count #/gram (dry)
A	0.2549	1	<1	<7070
B	0.2590	1	<1	<7160
C	0.2322	1	1	7,950
D	0.2046	1	<1	<8790
E	0.2493	1	<1	<7390
F	0.2790	1	<1	<6450
G	0.2565	1	1	7,140
Geometric Average				4,500

Approved by:



Environmental Analysis South, Inc.
Clarification Coagulant Sludges
Sludge Analysis

8/20/2014

Submitted by: Alliance Lake Ozarks					
Log Number: 1711728					
pH					
Coliform					
Parameter	Wet %	Wet ppm	Dry %	Dry ppm	lbs/dry Tons
Moisture			96.92		
Solids			3.08		
Volatile Solids					
Ash					
Nitrogen (TKN)	0.177%	1767.920	5.740%	57400.000	114.800
Nitrate N	0.000%	0.000	0.000%	ND	0.000
Nitrite N	0.000%	0.000	0.000%	ND	0.000
Ammonia N	0.063%	628.320	2.040%	20400.000	40.800
Organic N	0.114%	1139.600	3.700%	37000.000	74.000
PAN Surface Application	0.067%	667.744	2.168%	21680.000	43.360
PAN Subsurface Application	0.086%	856.240	2.780%	27800.000	55.600
Potassium (as K)	0.008%	80.080	0.260%	2600.000	5.200
Phosphorus (as P)	0.103%	1031.800	3.350%	33500.000	67.000
Arsenic (as As)	0.000%	0.095	0.000%	3.100	0.006
Cadmium (as Cd)	0.000%	0.197	0.001%	6.400	0.013
Chromium (as Cr)	0.000%	1.786	0.006%	58.000	0.116
Copper (as Cu)	0.002%	17.248	0.056%	560.000	1.120
Molybdenum (as Mo)	0.000%	0.203	0.001%	6.600	0.013
Nickel (as Ni)	0.000%	0.770	0.003%	25.000	0.050
Lead (as Pb)	0.000%	0.801	0.003%	26.000	0.052
Selenium (as Se)	ND	ND	ND	ND	ND
Zinc (as Zn)	0.003%	33.880	0.110%	1100.000	2.200
Mercury (as Hg)	0.000%	0.028	0.000%	0.900	0.002
code ND = none detected					
code NT = not tested					

LAKE OZARK - OSAGE BEACH JOINT SEWER TREATMENT PLANT
2015 BUDGET WORKSHEET
REVENUE

Operating Fund	2012 Actual	2013 Actual	2014 Budget	2014 10/31/2013	2014 Nov/Dec	2014 Total Est.	2015 Proposed	2015 Proposed
3020 Osage Beach	403,305.55	452,145.77	456,500.00	385,598.03	77,916.68	463,514.69	487,500.00	85%
3010 Lake Ozark	86,694.44	92,854.22	93,500.00	72,795.29	13,750.00	86,545.29	82,500.00	15%
Misc.								
3100 Interest	537.49	34.50	35.00	23.55	6.00	29.55	30.00	
3060 Waste Haulers' Fee	40,820.00	41,460.00	41,000.00	30,740.00	5,000.00	35,740.00	38,000.00	
Total Operating Fund	531,357.48	586,494.49	591,035.00	489,156.87	96,672.68	585,829.53	588,030.00	
Equipment Replace.								
Transfers-Operating	69,567.48	69,567.48	41,806.04	34,671.40	6,934.34	41,605.74	41,606.04	
Interest Revenue	1,374.82	1,320.11	1,350.00	987.10	35.00	1,022.10	1,200.00	
Total E.R. Revenue	70,942.30	70,887.59	42,956.04	35,658.50	6,969.34	42,627.84	42,806.04	

LAKE OZARK - OSAGE BEACH JOINT SEWER TREATMENT PLANT
2015 BUDGET WORKSHEET
EXPENDITURES

	2012 Actual	2013 Actual	2014 Budget	2014 10/31/2013	2014 Nov/Dec	2014 Total Est.	2015 Proposed	2015 Proposed
4000 Equip. Replace Fund	41,806.04	41,806.04	41,806.04	34,671.70	6,934.34	41,806.04	41,806.04	
4010 Loan Repayment (5%, 20 yr.)	27,951.44	27,951.44	0.00					
4020 Equip & Bldg. Repair/Main.	88,400.79	19,273.37	108,500.00	14,133.88	50,000.00	64,133.88	88,800.00	*
4140 Insurance	20,962.00	15,489.00	18,000.00	16,502.00		16,502.00	17,000.00	
4150 Vehicle Repair/Main.	5,649.28	1,352.11	13,000.00	1,642.81	11,357.19	13,000.00	3,000.00	***
4160 Haulers Fees to Contractor	8,000.00	8,000.00	8,000.00	8,000.00		8,000.00	8,000.00	
4170 Contract Management	272,948.40	281,409.84	288,500.00	240,370.90	48,075.00	288,445.90	295,657.05	
4175 Electric	60,862.46	71,923.84	75,000.00	61,838.97	9,000.00	70,838.97	75,000.00	
4200 Audit	1,700.00	1,750.00	1,800.00	1,900.00		1,900.00	2,000.00	
4220 Professional Services	168,904.97	119,683.73	30,000.00	34,737.13	14,000.00	48,737.13	30,000.00	
4240 Equipment Purch-New Generator	0.00	5,748.00	30,000.00				30,000.00	
Total Operating Fund	696,995.38	594,197.37	614,406.04	413,797.39	139,366.53	553,163.92	591,083.09	
E/R Expenses per Alliance	5,368.50	4,260.00	28,000.00	9,429.93	6,000.00	15,429.93	17,000.00	**
Disinfectin System								
Total E.R. Fund	5,368.50	4,260.00	28,000.00	9,429.93	6,000.00	15,429.93	17,000.00	
TOTAL EXPENSES	702,363.88	598,457.37	642,406.04	423,227.32	145,366.53	568,593.85	608,063.09	
**Equipment & Replacement								
Normal E/R		10,000.00					500.00	Tier 1
Rebuild Arm Support Clarifier #1 & 2		5,000.00					1,000.00	Tier 1
Replace doors		2,000.00					8,000.00	Tier 1
		<u>17,000.00</u>					8,000.00	Tier 1
***Vehicle Repair/Maint								
Vehicle Maintenance		3,000.00					2,100.00	Tier 1
		<u>3,000.00</u>					1,200.00	Tier 1
							10,000.00	Tier 1
							2,000.00	Tier 1
							1,000.00	Tier 1
							55,000.00	Tier 2
							<u>88,800.00</u>	

ESTIMATED FUND BALANCES

OPERATING FUND

BALANCE 1/1/14	28,886.82
TOTAL ESTIMATED REVENUE	585,829.53
TOTAL ESTIMATED EXPENSES/TRANSFERS	<u>(553,163.92)</u>
BALANCE 12/31/14	61,552.43
TOTAL ESTIMATED REVENUE	588,030.00
TOTAL ESTIMATED EXPENSES/TRANSFERS	<u>(591,063.09)</u>
BALANCE 12/31/15	<u><u>58,519.34</u></u>

EQUIPMENT REPLACEMENT FUND

BALANCE 1/1/14	375,657.91
TOTAL ESTIMATED REVENUE/TRANSFERS	42,627.84
TOTAL ESTIMATED EXPENSES	<u>(15,429.93)</u>
BALANCE 12/31/14	402,855.82
TOTAL ESTIMATED REVENUE/TRANSFERS	42,806.04
TOTAL ESTIMATED EXPENSES	<u>(17,000.00)</u>
BALANCE 12/31/15	<u><u>428,661.86</u></u>

