

**OSAGE BEACH/LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
MAY 20, 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, Nancy Viselli
City Administrator, Lake Ozark, Dave Van Dee
Alderman, Lake Ozark, Gerry Murawski
Alderman, Osage Beach, ~~John Olivari~~
City Engineer, Osage Beach, Nick Edelman
Public Works Director, Lake Ozark, Matt Michalik
Gary Hamner

3. MINUTES

Regular Meeting; April 15, 2014

Page Numbers

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4. REPORTS

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Income & Expense Summary	27
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April 2014 Alliance and Flow Reports	34-53

5. OLD BUSINESS

Magruder Update

6. NEW BUSINESS

7. DISCUSSION

8. ADJOURNMENT

THE NEXT MEETING WILL BE JUNE 17, 2014, 4:00 PM @ LAKE OZARK CITY HALL

**LAKE OZARK - OSAGE BEACH
JOINT SEWER BOARD
Meeting Minutes – April 15, 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: Mayor Penny Lyons
Mayor John Franzekos
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
Lois East with the Department of Agriculture

MINUTES OF PAST MEETING:

After Mayor Lyons requested a motion to approve the March 18th meeting minutes. Gary Hamner motioned to approve the minutes; second by Mayor Franzekos, all voted and unanimously approved.

PUBLIC COMMENT: None to report

BILLS LIST: Gary Hutchcraft added two (2) new bills from Ameren in the amount of \$4,099.40 and \$327.33. Mayor Lyons asked for a motion to accept the two (2) invoices from Ameren and approve the Bills List. Mayor Franzekos motioned to approve the two (2) Ameren invoices and the bills list, second by Alderman Olivarri. 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 March 2014 Alliance Report and Flow Chart summary report of operations, a copy of which is included in the meeting packet.

With nothing further to report, Mayor Lyons asked for a motion to approve the March 2014 Flow Charts. Alderman Olivarri motioned to approve the March 2014 Flow Charts, second by Mayor Franzekos. All voted and unanimously approved.

OLD BUSINESS:

Magruder Litigation Update

Mayor Lyons said there is nothing new to report. We are still waiting on the minutes from the closed meeting.

NEW BUSINESS:

Lois East with the lending branch of the Department of Agriculture was present to discuss what type of funds the USDA can or cannot offer the treatment plant for a generator. After much discussion, Lois East would like to move forward but needs additional information such as a preliminary engineering report for the size of the generator. Then she will first see if we qualify for a USDA loan and can loan up to 100%, then she will project the interest rate, lock that in then sign the application. A question was asked about obtaining grants to purchase the generator. Lois gave us several funding names that can be researched for grant options.

OTHER DISCUSSION: None to report

ADJOURNMENT:

With nothing further to discuss, Mayor Lyons adjourned the meeting at 4:45 pm. The next scheduled meeting is Tuesday, May 20, 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

May 20, 2014

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$ 8,723.43
OPERATING FUND BILLS TO BE PAID:	\$ 36,998.64
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$ -
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$ -

TOTAL	\$ 45,722.07
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OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Check	Paid To:	Description:	Amount:
4020	3369	Ameren UE	March 2014 Electric Bill	\$ 4,426.73
	3370	Ameren UE	April 2014 Electric Bill	\$ 4,296.70

TOTAL	\$ 8,723.43
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OPERATING FUND BILLS TO BE PAID:

Account	Check	Paid To:	Description:	Amount:
4000	3371	Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.17
4170	3372	Alliance Water Resources, Inc.	May 2014 Management Fee	\$ 24,037.09
4160	3373	Alliance Water Resources, Inc.	Hauled Waste	\$ 1,500.00
4020	3374	Alliance Water Resources, Inc.	Maintenance & Repair	\$ 652.53
4220	3367	Zerger & Mauer	Magruder Lawsuit	\$ 7,341.85

\$ 36,998.64

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:
				\$ -



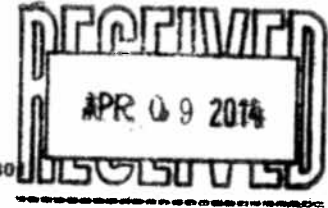
Please Return This Portion With Your Payment

AMOUNT DUE	DUE DATE
\$4,099.40	Apr 22, 2014
AMOUNT PAYABLE AFTER May 1, 2014	ACCOUNT NUMBER
\$4,160.89	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 000004099400 000004099400

Keep This Portion For Your Records

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

Apr 9, 2014

Apr 22, 2014	\$4,099.40
May 1, 2014	\$4,160.89

Payment Received on Mar 18, 2014 \$3,967.36

Total kWh	11673321	03/09-04/07	29	21473.0000	21901.0000	428.0000	160.0000	68480.0000A
Peak kW	11673321	03/09-04/07	29	0.0000	1.0360	1.0360	160.0000	165.7600A

	Service To		SUMMARY		Service To
Total kWh	04/07/2014	68480.0000	Peak kW	04/07/2014	165.8000
Total Billing Demand	04/07/2014	165.8000	October Winter Base kW	04/07/2014	146.2000
Winter Base Demand	04/07/2014	146.2000	Base kWh Ratio	04/07/2014	0.8817
Base kWh (HUD)	04/07/2014	60379.0000	Seasonal kWh (HUD)	04/07/2014	8101.0000

METERED ELECTRIC SERVICE BILLING

Rate 3M Large General Service		Service From 03/09/2014	To 04/07/2014
Seasonal Energy Charge	8,101.00 kWh	• \$0.03630000	\$294.07
Demand Charge	165.80 kW	• \$1.71000000	\$283.52
Base Energy Chg / Hours Used	21,930.00 kWh	• \$0.06230000	\$1,366.24
Base Energy Chg / Hours Used	29,240.00 kWh	• \$0.04620000	\$1,350.89
Base Energy Chg / Hours Used	9,209.00 kWh	• \$0.03630000	\$334.29
Customer Charge			\$88.82
Fuel Adjustment Charge	68,480.00 kWh	• \$0.00270000	\$184.90
Energy Efficiency Pgm Charge	68,480.00 kWh	• \$0.00050000	\$34.24
Energy Efficiency Invest Chg	68,480.00 kWh	• \$0.00237200	\$162.43
Total Service Amount			\$4,099.40

Current Amount Due	\$4,099.40
Prior Amount Due	\$0.00
Total Amount Due	\$4,099.40

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.

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.

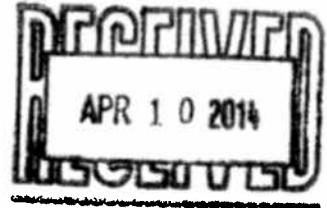
☐ Pure Power

\$327.33	Apr 23, 2014
\$332.24	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



50633000 0055800059200 000000327330 000000327330

Keep This Portion For Your Records

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

Apr 10, 2014	
Apr 23, 2014	\$327.33
May 2, 2014	\$332.24

Payment Received on Mar 18, 2014 \$258.58

Total kWh	98041275	03/09-04/07	29	5490.0000	6026.0000	536.0000	10.0000	5360.0000A
Peak kW	98041275	03/09-04/07	29	0.0000	5.3450	5.3450	10.0000	53.4500A

		Service To	SUMMARY		Service To
Total kWh	04/07/2014	5360.0000	Winter Base kWh	04/07/2014	1310.0000
Current Base kWh	04/07/2014	1310.0000	Seasonal kWh	04/07/2014	4050.0000

METERED ELECTRIC SERVICE BILLING

Rate 2M Sm Gen Svc - 3 Ph w/Dmd		Service From 03/09/2014 To 04/07/2014	
Threshold - Peak Demand		Threshold - Peak Demand	
Base Energy Charge	1,310.00 kWh @ \$.07710000	\$101.00	
Seasonal Energy Charge	4,050.00 kWh @ \$.04450000	\$180.23	
Customer Charge		\$19.54	
Fuel Adjustment Charge	5,360.00 kWh @ \$.00270000	\$14.47	
Energy Efficiency Pgm Charge	5,360.00 kWh @ \$.00030000	\$1.61	
Energy Efficiency Invest Chg	5,360.00 kWh @ \$.00195500	\$10.48	
Total Service Amount		\$327.33	

Current Amount Due	\$327.33
Prior Amount Due	\$0.00
Total Amount Due	\$327.33

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.

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.



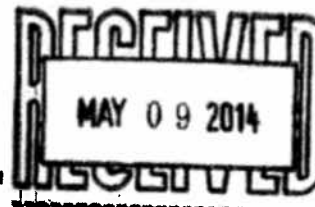
Please Return This Portion With Your Payment.

AMOUNT DUE	DUE DATE
\$4,129.61	May 21, 2014
AMOUNT AFTER	
\$4,191.55	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



60600000 0045800058302 000004129610 000004129610

Keep This Portion For Your Records

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

May 9, 2014
May 21, 2014 \$4,129.61
Jun 2, 2014 \$4,191.55

Payment Received on Apr 22, 2014 \$4,099.40

Total kWh	11673321	04/07-05/07	30	21901.0000	22358.0000	457.0000	160.0000	73120.0000A
Peak kW	11673321	04/07-05/07	30	0.0000	0.8060	0.8060	160.0000	128.9600A

Service To			SUMMARY		Service To	
Total kWh	05/07/2014	73120.0000	Peak kW	05/07/2014	129.0000	
Total Billing Demand	05/07/2014	129.0000	October Winter Base kW	05/07/2014	146.2000	
Winter Base Demand	05/07/2014	129.0000	Base kWh Ratio	05/07/2014	1.0000	
Base kWh (HUD)	05/07/2014	73120.0000	Seasonal kWh (HUD)	05/07/2014	0.0000	

METERED ELECTRIC SERVICE BILLING

Rate 3M Large General Service		Service From 04/07/2014 To 05/07/2014	
Seasonal Energy Charge	0.00 kWh	• \$0.03630000	\$0.00
Demand Charge	129.00 kW	• \$1.71000000	\$220.59
Base Energy Chg / Hours Used	19,350.00 kWh	• \$0.06230000	\$1,205.51
Base Energy Chg / Hours Used	25,800.00 kWh	• \$0.04620000	\$1,191.96
Base Energy Chg / Hours Used	27,970.00 kWh	• \$0.03630000	\$1,015.31
Customer Charge			\$88.82
Fuel Adjustment Charge	73,120.00 kWh	• \$0.00270000	\$197.42
Energy Efficiency Pgm Charge	73,120.00 kWh	• \$0.00050000	\$36.56
Energy Efficiency Invest Chg	73,120.00 kWh	• \$0.00237200	\$173.44
Total Service Amount			\$4,129.61

Current Amount Due	\$4,129.61
Prior Amount Due	\$0.00
Total Amount Due	\$4,129.61

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.

Seasonal Rate Change -Your electric usage for the next four months will be billed at the summer rate which reflects the higher cost of generating electric power in the summer. Look for ways to control your summer bills by visiting AmerenMissouri.com for tips on using energy efficiently.

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.

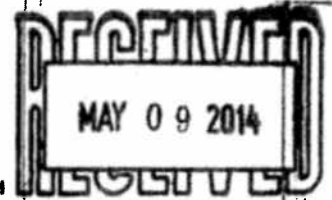
☐ Pure Power

\$167.09	May 21, 2014
\$169.60	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



10633000 0055800059200 000000167090 000000167090

Keep This Portion For Your Records

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

May 9, 2014
May 21, 2014 \$167.09
Jun 2, 2014 \$169.60

Payment Received on Apr 22, 2014 \$327.33

Total kWh	98041275	04/07-05/07	30	6026.0000	6238.0000	212.0000	10.0000	2120.0000
Peak kW	98041275	04/07-05/07	30	0.0000	4.2730	4.2730	10.0000	42.7300

Service To		SUMMARY		Service To	
Total kWh	05/07/2014	2120.0000	Winter Base kWh	05/07/2014	1310.0000
Current Base kWh	05/07/2014	1310.0000	Seasonal kWh	05/07/2014	810.0000

METERED ELECTRIC SERVICE BILLING

Rate 2M 8m Gen Svc - 3 Ph w/Dmd	Service From 04/07/2014	To 05/07/2014
Threshold - Peak Demand	Threshold - Peak Demand	Threshold - Peak Demand
Base Energy Charge	1,310.00 kWh @ \$.07710000	\$101.00
Seasonal Energy Charge	810.00 kWh @ \$.04450000	\$36.05
Customer Charge		\$19.54
Fuel Adjustment Charge	2,120.00 kWh @ \$.00270000	\$5.72
Energy Efficiency Pgm Charge	2,120.00 kWh @ \$.00030000	\$0.64
Energy Efficiency Invest Chg	2,120.00 kWh @ \$.00195500	\$4.14
Total Service Amount		\$167.09

Current Amount Due	\$167.09
Prior Amount Due	\$0.00
Total Amount Due	\$167.09

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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.

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: 6018

01-May-14

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Wastewater Plant operating service for month of: May-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: 6016

Invoice Date: 30-Apr-14

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Hauled waste payments for the month of Apr-14	
	30 Hauled waste loads @ \$50.00 each	\$1,500.00
TOTAL DUE		\$1,500.00

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: 6019

Invoice Date: 01-May-14

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Walmart - 1 Invoice - 50%	\$67.38
	Grainger - 1 Invoice - 50%	\$128.56
	John Henry Foster - 3 Invoices - 50%	\$456.59
TOTAL DUE		\$652.53



(573) 348 - 6445
MANAGER PHIL HAMILTON
4252 HIGHWAY 54
OSAGE BEACH MO 65065
ST# 0815 OP# 00003589 YER 05 TR# 06412
CLR 128 007829121083 22.88 X
EL W 8 640Z 004457941266 27.97 X
EL W 8 640Z 004457941266 27.97 X
EL W 8 640Z 004457941266 27.97 X
EL W 8 640Z 004457941266 27.97 X
SUBTOTAL 134.76
TAX 1 7.475 % 10.07
TOTAL 144.83
WALMART CREDIT TEND 144.83

ACCOUNT # **** *59 20 S
APPROVAL # 007398
REF # 409700278619
TERMINAL # 22000674

04/07/14 14:09:26

CHANGE DUE 0.00

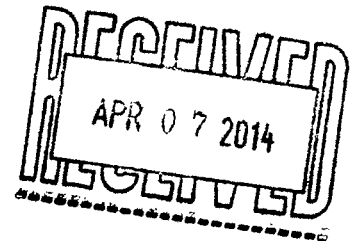
ITEMS SOLD 5

TC# 1364 9112 9080 7951 4709 4



Our Guaranteed Low Prices
Are Unbeatable with Ad Match!
04/07/14 14:09:27

CUSTOMER COPY



GL Acct#: 6700-20 \$77.45 1020-20 \$67.38 4620
Signature: [Signature]
Date: 4/7/14

GRAINGER.808 N. CEDARBROOK AVE.
SPRINGFIELD, MO 65802-2522
www.grainger.com

PAGE 1

ORIGINAL INVOICEGRAINGER ACCOUNT NUMBER 858374754
INVOICE NUMBER 9407162800
INVOICE DATE 04/04/2014
DUE DATE 05/04/2014
AMOUNT DUE \$277.08

SHIP TO

ALLIANCE WATER RESOURCES
3 ANDERSON RD
LAKE OZARK MO 65049-0000PO NUMBER:
CALLER:
CUSTOMER PHONE:
ORDER NUMBER:
INCO TERMS:VERBAL
GARY HUTCHCRAFT
5733650455
1205563225
FOB ORIGIN

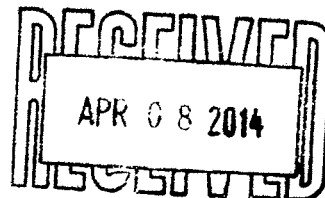
BILL TO

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

THANK YOU!

FBI NUMBER 36-1150280

FOR QUESTIONS ABOUT THIS INVOICE OR ACCOUNT CALL 1-800-472-4043



PO LINE #	ITEM #	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
	5B067	LIMIT SWITCH LEVER ARM ROD, 12 IN. ARM L MANUFACTURER # 9007FA5	1	49.50	49.50
	5B087	HVY DTY LMT SWTCH, SIDE ACTUATOR, 1NO/1NC MANUFACTURER # 9007C54B2	1	197.13	197.13
Delivery #6256417410 Date Shipped: 04/04/2014 Carrier: UPS GROUND No. of Pkgs: Wt: 1.350 Trk #: 126812730378319650					
FOR CLARIFIER #1 SKIMMER ARM					
GL Acct#: 6705-20 948.52 1220-20 128.56 4020					
Signature: Gary Hutchcraft					
Date: 4/8/14					

INVOICE SUB TOTAL 246.63
SHIPPING CHARGE 10.48
TAX 19.97

These items are sold for domestic consumption. If exported, purchaser assumes full responsibility for compliance with US export controls. Diversion contrary to US law prohibited.

PAYMENT TERMS Net 30 days - PAY THIS INVOICE, NO STATEMENT SENT, PAYABLE IN U.S. DOLLARS.

AMOUNT DUE

\$277.08

PLEASE DETACH THIS PORTION AND RETURN WITH YOUR PAYMENT

BILL TO:

ALLIANCE WATER RESOURCES
PO BOX 1985
LAKE OZARK MO 65049-1985
UNITED STATES OF AMERICA

REMIT TO:

GRAINGER
DEPT. 858374754
P.O. BOX 419267
KANSAS CITY, MO 64141-6267

858374754940716280010000277081000199710001048100000014050464

X

ACCOUNT NUMBER

858374754

DATE

04/04/2014

INVOICE NUMBER

9407162800

AMOUNT DUE

\$277.08

FOR COMMENTS OR CHANGE OF ADDRESS, ENTER INFORMATION ON REVERSE SIDE



John Henry Foster

pneumatic and hydraulic equipment

www.jhf.com

REMIT TO: P.O. BOX 419161
Creve Coeur, MO 63141-9161

Ph (314) 427-0600
Fax (314) 427-3502

Invoice #	01317113
Page #	1
Date	04/07/2014

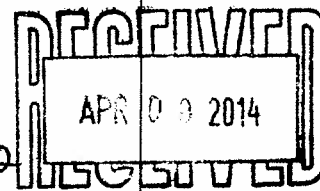
** ORIGINAL INVOICE **

We accept Visa and Mastercard

SOLD TO
Account #: 30796
ALLIANCE WATER RESOURCES
#3 ANDERSON ROAD
P.O. BOX #1985
LAKE OZARK, MO 65049-

SHIP TO
30796
ALLIANCE WATER RESOURCES
#3 ANDERSON ROAD
P.O. BOX #1985
LAKE OZARK, MO 65049-

Customer PO Number	Ship Date	Salesperson	Terms	Order Date	
Verbal Gary	04/07/2014	Neil Burton	Net 20 Days	04/07/2014	
JHF Order #	Order Entered By	Placed By	Ship Via	Secondary Ship Via	
01596471	Kevin Opel	GARY HUTCHCRAFT	UPS	Best Way	
Part Number / Description	Ordered	Shipped	Backorder	Price Ea.	Extension
95099453 I-R V-BELT A58 V-BELT Note: in our stock	1	1	0	24.00	24.00
32282196 I-R AIR INTAKE FILTER ELEMENT Note: in our stock	1	1	0	25.00	25.00
85565505 I-R FILTER ELEMENT FOR F35IG Note: in our stock	1	1	0	70.00	70.00
85565513 I-R F35IHE FILTER ELEMENT Note: in our stock	1	1	0	70.00	70.00
Tracking #(s): 1Z6655700369987802					
GL Acct#: <u>6705-20 \$19.73 1720-20 \$102.52</u>					
Signature: <u>Gary Hutchcraft</u>					
Date: <u>4/9/14</u>					



4020



How are we doing? How can we help you?
Please send us a note. feedback@jhf.com

Review and place orders at www.jhf.com

Subtotal	Freight	Sales Tax	TOTAL
189.00	16.03	17.22	222.25

OF-03-02 10-1-2005

Subject to Terms and Conditions at http://www.jhf.com/terms_of_purchase.htm



John Henry Foster

pneumatic and hydraulic equipment

www.jhf.com

REMIT TO: P.O. BOX 419161
Creve Coeur, MO 63141-9161

Ph (314) 427-0600
Fax (314) 427-3502

We accept Visa and Mastercard

Invoice #	01315889
Page #	1
Date	04/02/2014

** ORIGINAL INVOICE **

SOLD TO
Account #: 30796
ALLIANCE WATER RESOURCES
#3 ANDERSON ROAD
P.O. BOX #1985
LAKE OZARK, MO 65049-

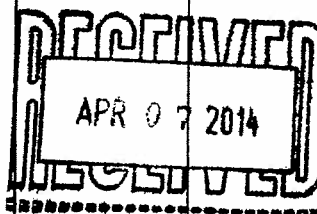
SHIP TO
30796
ALLIANCE WATER RESOURCES
#3 ANDERSON ROAD
P.O. BOX #1985
LAKE OZARK, MO 65049-

Customer PO Number	Ship Date	Salesperson	Terms	Order Date	
GARY HUTCHCRAFT	04/01/2014	Neil Burton	Net 20 Days	03/26/2014	
JHF Order #	Order Entered By	Placed By	Ship Via	Secondary Ship Via	
01593565	Dave Huber	GARY HUTCHCRAFT	UPS	Best Way	
Part Number / Description	Ordered	Shipped	Backorder	Price Ea.	Extension
11134-00760 ORIGA OSP SERVICE PACK SLOW SPEED GREASE Direct from Vendor	2	2	0	259.30	518.60
REBUILD KITS FOR WIPER CYLINDERS GL Acct#: <u>6705-20 \$317.55</u> <u>1220-20 \$270.30</u> Signature: <u><i>Gary Hutchcraft</i></u> Date: <u>4/7/14</u>					

RECEIVED

APR 07 2014

4020



4020



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Subtotal	Freight	Sales Tax	TOTAL
518.60	21.99	47.26	587.85

OF-03-02 10-1-2005

Subject to Terms and Conditions at http://www.jhf.com/terms_of_purchase.htm



John Henry Foster

pneumatic and hydraulic equipment

www.jhf.com

REMIT TO: P.O. BOX 419161
Creve Coeur, MO 63141-9161

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Fax (314) 427-3502

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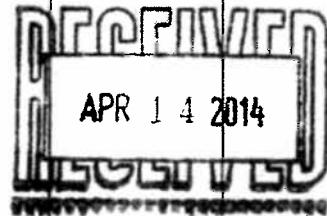
Invoice #	01317734
Page #	1
Date	04/09/2014

** ORIGINAL INVOICE **

SOLD TO
Account #: 30796
ALLIANCE WATER RESOURCES
#3 ANDERSON ROAD
P.O. BOX #1985
LAKE OZARK, MO 65049-

SHIP TO
30796
ALLIANCE WATER RESOURCES
#3 ANDERSON ROAD
P.O. BOX #1985
LAKE OZARK, MO 65049-

Customer PO Number	Ship Date	Salesperson	Terms	Order Date	
Verbal Gary	04/08/2014	Neil Burton	Net 20 Days	04/07/2014	
JHF Order #	Order Entered By	Placed By	Ship Via	Secondary Ship Via	
01596471	Kevin Opel	GARY HUTCHCRAFT	UPS	Best Way	
Part Number / Description	Ordered	Shipped	Backorder	Price Ea.	Extension
88347497 IR DESICCANT REPLACEMENT KIT Direct from Vendor Note: in stock at the factory	1	1	0	70.00	70.00
85565539 I-R FILTER ELEMENT FOR F35ID Direct from Vendor Note: in stock at the factory	1	1	0	76.00	76.00
<i>FOR UV COMPRESSOR</i> GL Acct#: <u>6705-20 \$97.06</u> <u>1220-20 \$83.77</u> <u>4020</u> Signature: <u><i>Gary Hutchcraft</i></u> Date: <u>4/14/14</u>					



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Review and place orders at www.jhf.com!

Subtotal	Freight	Sales Tax	TOTAL
146.00	21.53	13.30	180.83

OF-03-02 10-1-2005

Subject to Terms and Conditions at http://www.jhf.com/terms_of_purchase.htm

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: 04/21/2014
Statement No. 3456
Page No. 1

Fees

		Rate	Hours	
03/04/2014				
JBJ	Review orders and pleadings in preparation of drafting brief.	175.00	3.50	612.50
03/05/2014				
HEZ	Review AHC Winn's decision for preparation of brief on appeal.	350.00	1.00	350.00
03/06/2014				
JBJ	Continue to review documents filed in case for preparation of Brief.	175.00	1.40	245.00
03/11/2014				
JBJ	Continue drafting brief in support of petition for review.	175.00	0.50	87.50
03/12/2014				
JBJ	Continue drafting and researching arguments for brief in support of petition for review.	175.00	3.50	612.50
03/13/2014				
JBJ	Review October 2012 hearing transcripts for arguments in support of judicial review of LRC's decision.	175.00	3.00	525.00
03/14/2014				
JBJ	Review Answer filed in response to petition for review and transcripts from October 2012 Hearing.	175.00	1.00	175.00
03/17/2014				
JBJ	Continue drafting brief in support of petition for review.	175.00	1.50	262.50
03/18/2014				
JBJ	Research for petition for review and continue drafting the same.	175.00	1.60	280.00

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: 04/21/2014
Statement No. 3456
Page No. 2

		Rate	Hours	
03/19/2014	JBJ			
	Continue reviewing testimony of October 2012 hearing and drafting brief in support of petition for review.	175.00	3.50	612.50
03/20/2014	JBJ			
	Complete first draft of brief in support for judicial review.	175.00	5.40	945.00
03/24/2014	JBJ			
	Discuss revisions to first draft of brief in support of judicial review and begin making changes and reviewing additional testimony.	175.00	3.00	525.00
03/25/2014	JBJ			
	Implement S. E. Mauer's changes to first draft of brief in support of judicial review.	175.00	2.60	455.00
03/26/2014	JBJ			
	Revisions to second draft of brief in support of petition for review.	175.00	0.60	105.00
03/27/2014	JBJ			
	Finish second draft including S. E. Mauer's revisions of brief in support of petition for review.	175.00	3.00	525.00
03/28/2014	HEZ			
	Continue working on brief for review by trial court.	350.00	2.50	875.00
	SEM			
	Review correspondence from J. Dobbs and T. Duggan regarding judgment; review proposed judgment for all parties; send off same to J. Dobbs and T. Duggan; communicate with T. Duggan regarding acceptance of same.	280.00	0.50	140.00
03/31/2014	SEM			
	Telephone conference with J. Dobbs regarding record for appeal and regarding issues to be reviewed. NO CHARGE	280.00		
	For Current Services Rendered		38.10	7,332.50
<u>Expenses</u>				
03/26/2014	Postage			1.61
03/26/2014	Photocopy charges			3.40
03/27/2014	Postage			1.74
03/27/2014	Photocopy charges			2.60

City of Osage Beach
Account No. 1014.0002
RE: Magruder

Statement Date: 04/21/2014
Statement No. 3456
Page No. 3

Total Expenses		<u>9.35</u>
Total Current Work		7,341.85
Previous Balance		\$1,501.39
	<u>Payments</u>	
04/18/2014	Payment	-1,501.39
	Balance Due	<u>\$7,341.85</u>

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

Account Number	Account Name	4/30/2014				Percent YTD
		2012 Actual	2013 Actual	2014 Budget	2014 Actual as of 4/30/2014	
3020	Osage Beach	403,305.55	452,145.77	456,500.00	150,309.84	33%
3010	Lake Ozark	86,694.44	92,854.22	93,500.00	33,023.86	35%
3100	Interest	537.49	34.50	35.00	6.83	20%
3060	Waste Haulers' Fee	40,820.00	41,460.00	41,000.00	9,400.00	23%
Total Operating Fund		531,357.48	586,494.49	591,035.00	192,740.53	33%
E/R Fund Income		1,374.82	1,320.11	1,350.00	308.70	23%
TOTAL INCOME		532,732.30	587,814.60	592,385.00	193,049.23	33%

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D7E

D7E

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OPERATING FUND INCOME AND EXPENSE SUMMARY
4/30/2014

Beginning Balance	58,805.99
Income - Osage Beach	37,474.51
Income - Lake Ozark	8,358.82
Income - Other	0.00
Income - Waste Haulers' Fees	3,000.00
Interest - Checking	2.16
Income - CD Interest	0.00
Transfers From E/R Fund	0.00
Transfers to E/R fund	-3,467.17
Expenses	-54,215.24
Ending Fund Balance	49,959.07
NOW Account - Central Bank	49,959.07
Outstanding Checks:	0.00
Deposit in Transit:	0.00
	49,959.07

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
4/30/2014

Beginning Balance	384,128.31
Interest - Checking	11.63
Income - CD Interest	0.00
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	387,607.11
NOW Account - First Bank	96,306.14
CD First National Bank, 07/14 #000048178	113,453.04
CD Providence Bank, 07/14	76,390.48
CD First National Bank, 07/14 #000049153	101,457.45
Deposit in Transit	0.00
Outstanding Checks:	0.00
	387,607.11

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Operating Fund

CHECK REGISTER - JOINT SEWER BOARD OPERATION FUND

				28,886.82
	reconciled balance 12/31/13			
3345	Ameren UE	X	4,170.92	24,715.90
3346	ER Fund Transfer	X	3,467.17	21,248.73
3347	Alliance Water Resources, Inc.	X	24,037.09	(2,788.36)
3348	Alliance Water Resources, Inc.	X	83.95	(2,872.31)
3349	Zerger & Mauer	X	12,216.46	(15,088.77)
	Deposit	X		37,929.61
	Deposit	X		7,903.73
	Deposit	X		2,180.00
	Interest	X		1.41
	reconciled balance 1/31/14			32,925.98
3350	Ameren UE	X	4,115.52	28,810.46
3351	ER Fund Transfer	X	3,467.17	25,343.29
3352	Alliance Water Resources, Inc.	X	24,037.09	1,306.20
3353	Alliance Water Resources, Inc.	X	1,090.00	216.20
	Deposit	X		37,972.85
	Deposit	X		7,860.48
	Deposit	X		600.00
	Interest	X		1.24
	reconciled balance 2/28/14			46,650.77
3354	Zerger & Mauer	X	3,334.34	43,316.43
3355	Ameren UE	X	4,225.94	39,090.49
3356	ER Fund Transfer	X	3,467.17	35,623.32
3357	Alliance Water Resources, Inc.	X	24,037.09	11,586.23
3358	Alliance Water Resources, Inc.	X	300.00	11,286.23
3359	Alliance Water Resources, Inc.	X	260.97	11,025.26
3360	Zerger & Mauer	X	505.52	10,519.74
3361	GLW	X	1,169.10	9,350.64
	Deposit	X		36,932.87
	Deposit	X		8,900.46
	Deposit	X		3,620.00
	Interest	X		2.02
	reconciled balance 3/31/14			58,805.99
3362	Alliance Water Resources, Inc.	X	3,467.17	55,338.82
3363	Alliance Water Resources, Inc.	X	24,037.09	31,301.73
3364	Alliance Water Resources, Inc.	X	1,810.00	29,491.73
3365	Alliance Water Resources, Inc.	X	1,154.73	28,337.00
3366	UV Doctor	X	4,783.30	23,553.70
3367	Zerger & Mauer	X	1,501.39	22,052.31
3368	Naught-Naught	X	16,502.00	5,550.31
3369	Ameren UE	X	4,426.73	1,123.58
	Deposit	X		37,474.51
	Deposit	X		8,358.82
	Deposit	X		3,000.00
	Interest	X		2.16
	reconciled balance 4/30/14			49,959.07



Central Bank of Lake of the Ozarks

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

001129

Return Service Requested



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

Period 04/01/2014-04/30/2014 Page 1 of 2

Web Address
www.cbolobank.com

8

Your Financial Summary on April 30, 2014

Account Balances & Other Assets

Checking	\$ 49,959.07
Total	\$ 49,959.07

Detailed Explanation of Account Balances and Other Assets

Checking

Beginning Balance March 31, 2014	\$ 58,805.99
----------------------------------	--------------

Deposits

Apr. 11 Deposit	8,358.82
Apr. 11 Deposit	37,474.51
Apr. 16 Deposit	500.00
Apr. 28 Deposit	2,500.00
Apr. 30 Interest Earned	2.16

Total	+\$ 48,835.49
--------------	----------------------

Checks

Check No.	Date Paid	Amount	Check No.	Date Paid	Amount
3362	Apr. 18	3,467.17	3366	Apr. 21	4,783.30
3363	Apr. 17	24,037.09	3367	Apr. 25	1,501.39
3364	Apr. 17	1,810.00	3368	Apr. 18	16,502.00
3365	Apr. 17	1,154.73	3369	Apr. 24	4,426.73

Total	-\$ 57,682.41
--------------	----------------------

Ending Balance April 30, 2014	\$ 49,959.07
--------------------------------------	---------------------

Number of days since last statement/interest cycle 30
Beginning and ending dates for calculation of statement/interest cycle are 04/01/2014 through 04/30/2014
Average collected balance 65,593.00
Interest rate 0.04%
Annual percentage yield earned 0.04%

JSB - CHECK REGISTERS 2013

CHECK REGISTER - JOINT SEWER BOARD EQUIPMENT REPLACEMENT FUND

			reconciled balance 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
	Interest	X	10.84	84,632.47
	Deposit	X	3,467.17	88,099.64
1006	Check	X	2,228.18	85,871.46
			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



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

536 00010 26
ACCOUNT:
DOCUMENTS:

PAGE: 1
04/30/2014

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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 category. For more information about FDIC insurance on noninterest-bearing transaction accounts, visit <http://www.fdic.gov/deposit/deposit-iration.html>

BUSINESS MMDA ACCOUNT

LAST STATEMENT 03/31/14	92,827.34
2 CREDITS	3,478.80
DEBITS	.00
THIS STATEMENT 04/30/14	96,306.14

REF #	DATE	AMOUNT	REF #	DATE	AMOUNT	REF #	DATE	AMOUNT
	04/16	3,467.17						

DESCRIPTION	OTHER CREDITS	DATE	AMOUNT
INTEREST		04/30	11.63

AVERAGE LEDGER BALANCE:	94,560.92	INTEREST EARNED:	11.63
AVERAGE AVAILABLE BALANCE:	94,329.78	DAYS IN PERIOD:	30
INTEREST PAID THIS PERIOD:	11.63	ANNUAL PERCENTAGE YIELD EARNED:	.15%
INTEREST PAID 2014:	44.01		

* * * CONTINUED * * *



NOTICE: SEE REVERSE SIDE FOR IMPORTANT INFORMATION



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**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
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 April 2014

Submitted by Alliance Water Resources, Inc. for the

May 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	1.4	0.6	NA	< 20		.07	<5.0	<0.010
Peak Day	1.8	1.0	7.8	< 20		.13	<5.0	<0.010
Percent Removal	99.4	99.7	NA	NA		NA	NA	NA

NPDES EFFLUENT LIMITATIONS

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

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 1.333 MGD or 44% of Permitted flow with Lake Ozark contributing 16% of the total flow and Osage Beach contributing 84%. 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 76133 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 65 tanker loads of bio-solids during the month equivalent to a total of 240,500 gallons and 77,176 pounds dry weight solids.

112,879 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 563,750 gallons with a level of 7.5 feet in Tank 1 and 3.5 feet in Tank 2.

WASTEHAULERS

The plant received 30 loads of septage during the month totaling 75,000 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Antero Maintenance Data Management schedule. (New version of Operator 10 Software)
- We rebuilt the spare UV wiper cylinder on the 4th of April and is ready to install when needed.
- We came in on the 8th and found the pista grit system was not working, so we troubleshot it and found that the motor starter was bad. We changed it out with the spare and had it back online that afternoon.
- We installed the new skimmer arm switch on Clarifier #1 on the 15th of April.

SAFETY

- We conducted our monthly routine Safety Meeting on Back Safety on the 12th of March.

REGULATORY AGENCY, INSPECTION AND REPORTS

- Mailed DMR to MDNR on the 9th of May.
- We received the results for the 1st quarter 503 sludge testing on the 14th of April and everything looked good. (see attachment)

MISCELLANEOUS AND RECOMMENDATIONS

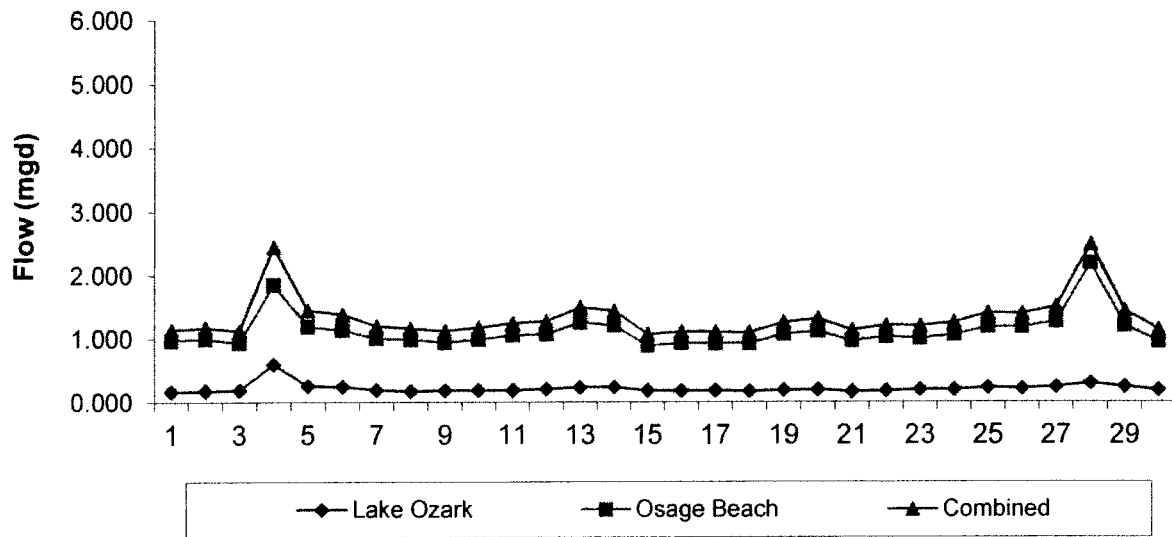
- We conducted a total of 5 School of the Osage Environmental class tours on the 16th and 17th of April, with a total of 86 students.
- We have received 3 bids for the repair of the Flygt lift station pump that was mentioned in the March Board packet. Evans Enterprises, Vandevanter Engineering and JCI Industries. (see attachment)

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF April 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-Apr		0.169	0.974	1.143	14.8	85.2						
2-Apr	0.25	0.177	0.998	1.175	15.1	84.9						
3-Apr	0.3	0.190	0.937	1.127	16.9	83.1						
4-Apr	1.8	0.599	1.851	2.450	24.4	75.6	200	253	255	188	166	222
5-Apr		0.259	1.192	1.451	17.8	82.2						
6-Apr		0.249	1.136	1.385	18.0	82.0						
7-Apr		0.196	1.005	1.201	16.3	83.7						
8-Apr		0.173	0.989	1.162	14.9	85.1						
9-Apr		0.186	0.938	1.124	16.5	83.5						
10-Apr		0.189	0.988	1.177	16.1	83.9						
11-Apr		0.191	1.056	1.247	15.3	84.7	138	180	185	114	156	186
12-Apr		0.208	1.069	1.277	16.3	83.7						
13-Apr		0.235	1.257	1.492	15.8	84.2						
14-Apr	0.7	0.236	1.207	1.443	16.4	83.6						
15-Apr		0.184	0.888	1.072	17.2	82.8						
16-Apr		0.179	0.932	1.111	16.1	83.9						
17-Apr		0.184	0.924	1.108	16.6	83.4						
18-Apr		0.174	0.924	1.098	15.8	84.2	203	198	198	142	114	184
19-Apr		0.187	1.071	1.258	14.9	85.1						
20-Apr		0.199	1.118	1.317	15.1	84.9						
21-Apr	0.15	0.168	0.967	1.135	14.8	85.2						
22-Apr		0.179	1.030	1.209	14.8	85.2						
23-Apr		0.198	1.003	1.201	16.5	83.5						
24-Apr		0.198	1.060	1.258	15.7	84.3						
25-Apr	0.6	0.226	1.182	1.408	16.1	83.9	188	250	275	210	238	256
26-Apr		0.215	1.183	1.398	15.4	84.6						
27-Apr		0.240	1.264	1.504	16.0	84.0						
28-Apr	1.25	0.297	2.187	2.484	12.0	88.0						
29-Apr		0.242	1.196	1.438	16.8	83.2						
30-Apr		0.188	0.953	1.141	16.5	83.5						
SUM	5.1	6.515	33.479	39.994								
AVG		0.217	1.116	1.333	16	84	182	220	228	164	169	212
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

**Daily Flow
Figure 1**



**Effect of Rainfall on Flow
Figure 2**

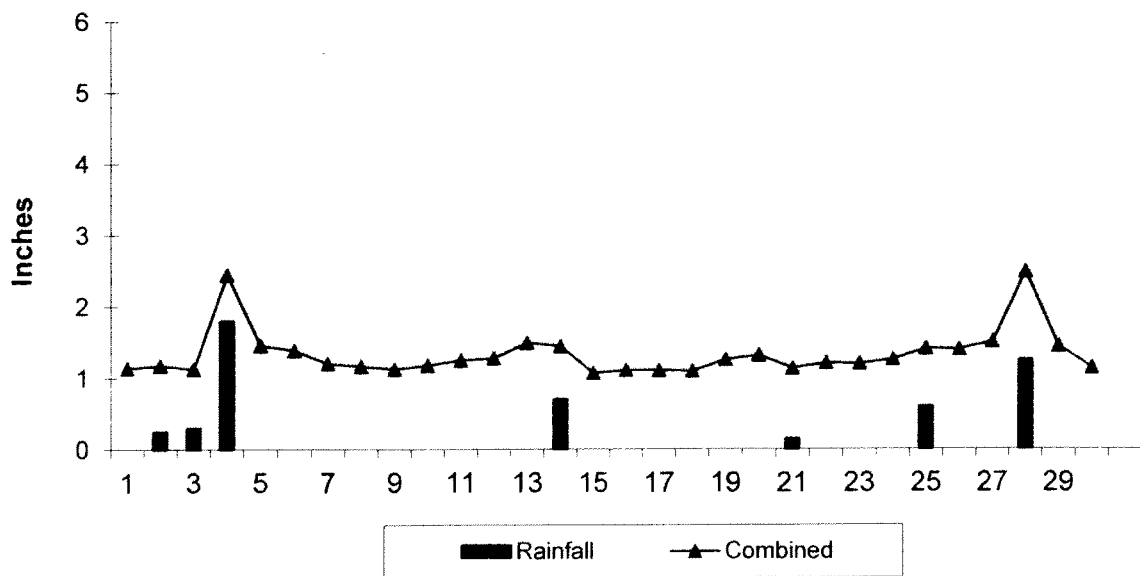
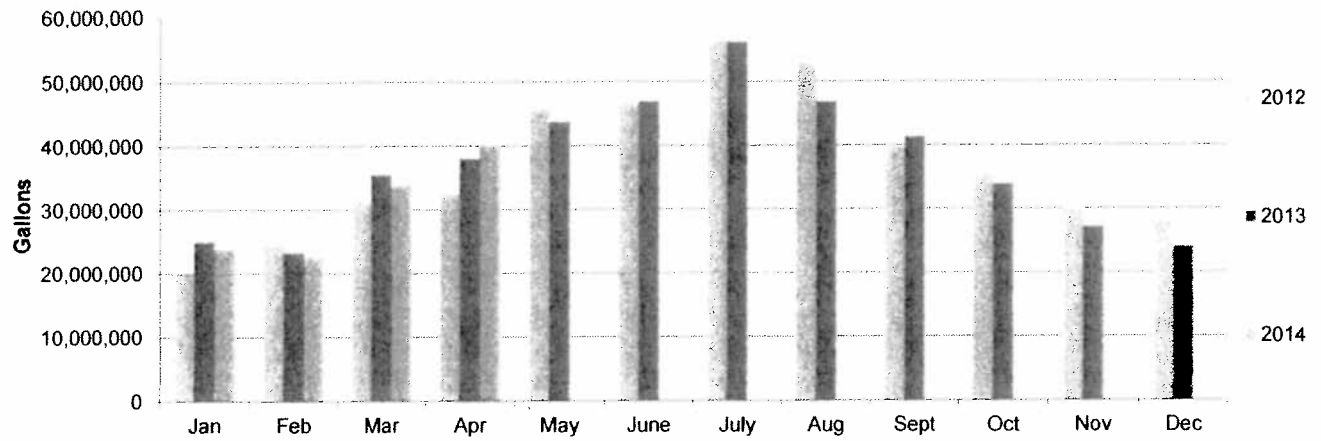


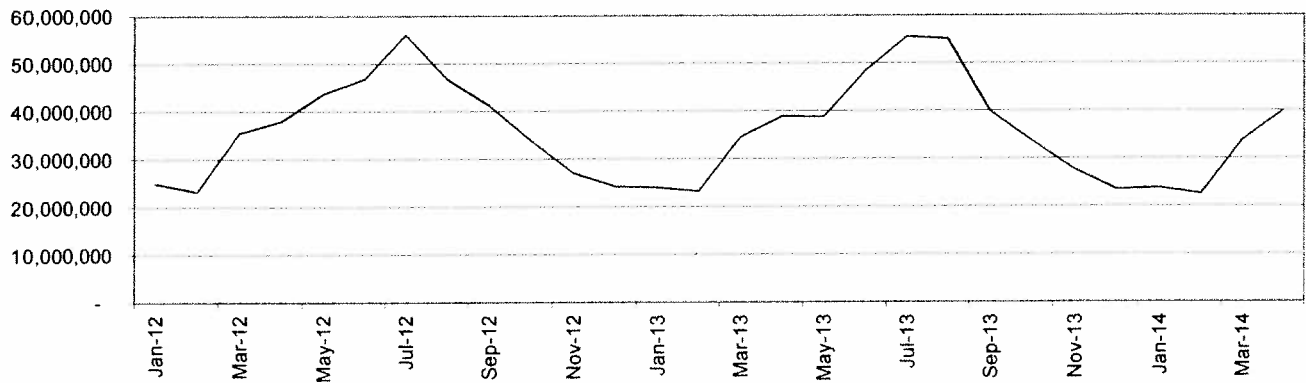
TABLE B
JOINT SEWER BOARD
Monthly Flows

<u>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							
June							
July							
August							
September							
October							
November							
December							
	10.5	99,883,000	83%	20,324,000	17%	120,207,000	100%

**Monthly Influent Flow
Figure 3A**

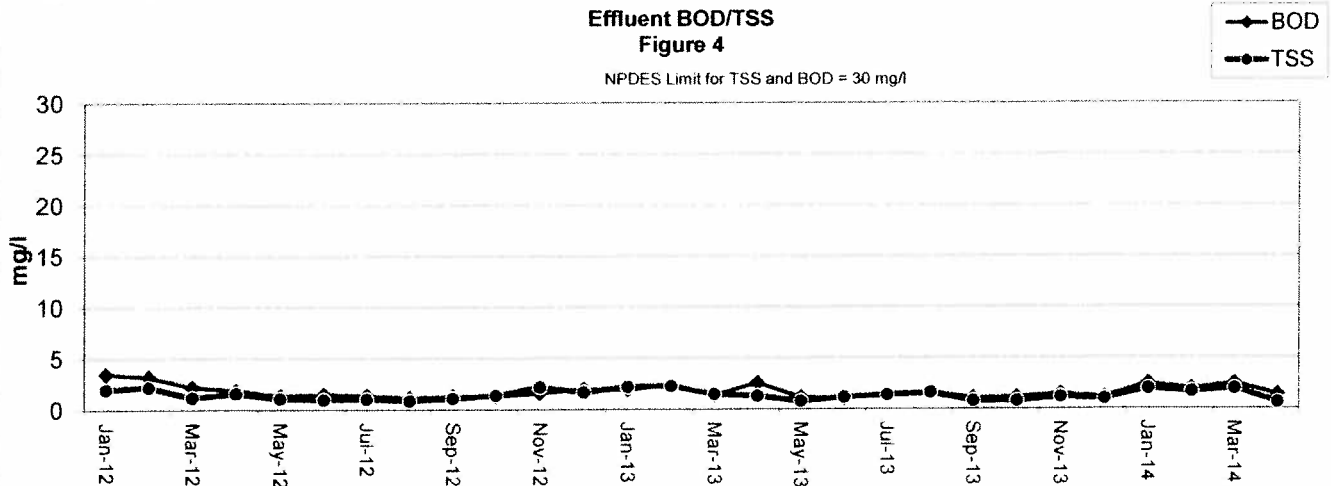


**Monthly Influent Flow
Figure 3B**

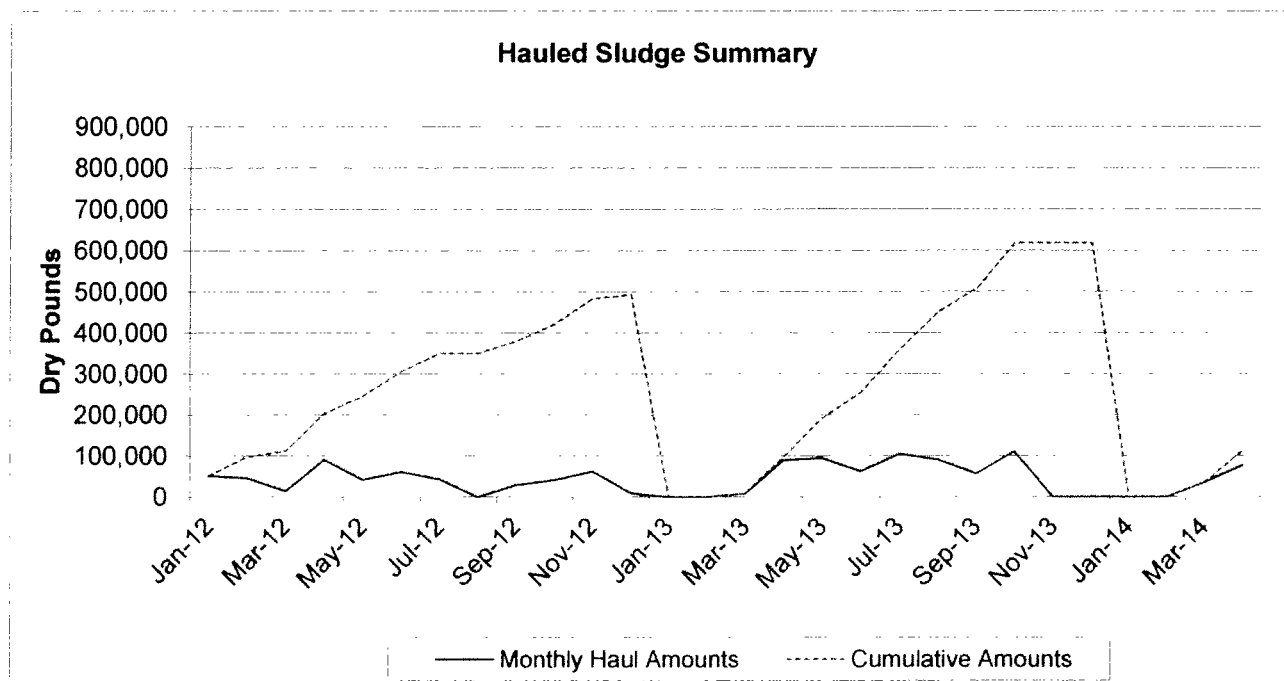
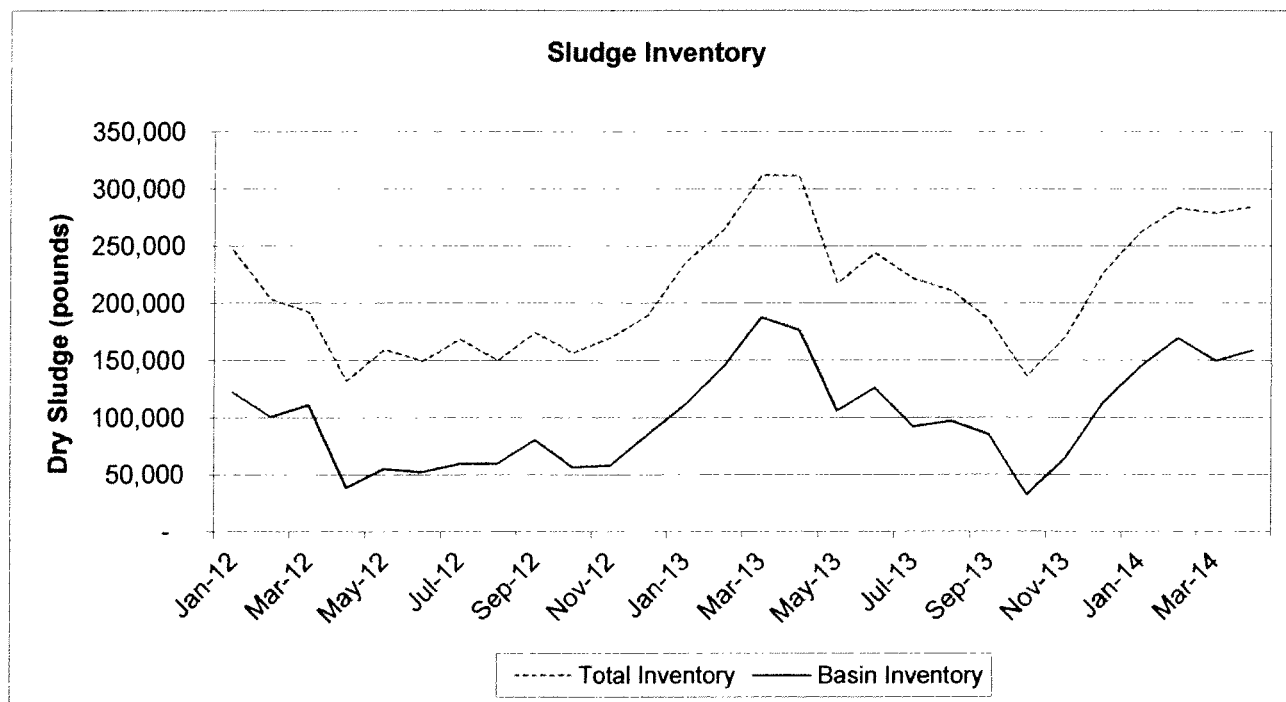


**Effluent BOD/TSS
Figure 4**

NPDES Limit for TSS and BOD = 30 mg/l

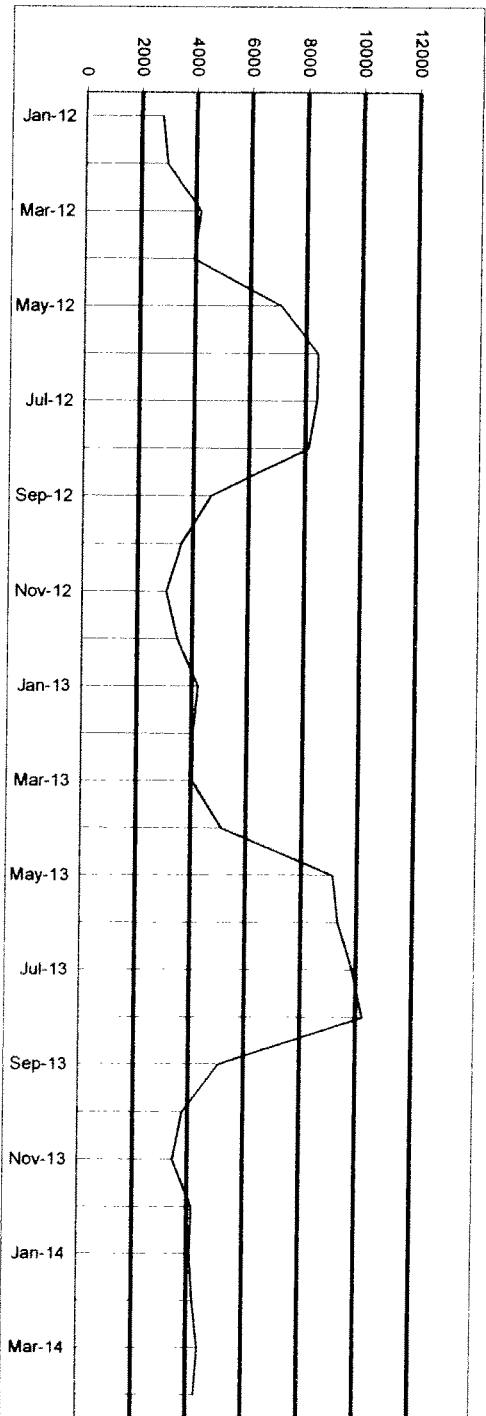


Date	Loads	Gallons	Hauled Sludge		Cumulative # Dry	Basin Depths					Blanket Depths					MLSS Inventory					Blanket and MLSS Inventory					Accepted Septage				
			# Dry	% Solids		Tank #1	Tank #2	AB #1	Basin Gallons	# Dry	Clart #1	Clart #2	Clart #3	MLSS	AB #1	MLSS	AB #2	Gallons	# Dry	% Solids	Sludge Inventory	Total Dry	Loads	Gallons	Accepted	Septage	Gallons			
Jan-12	46	170,200	51,317	3.6%	51,317	5.5	3.5	0.0	0.0	405,000	122,112	2.0	1.5	0.0	4,060	3,662	167	124,002	0.00308	246,114	246,114	18	43,500	17	42,500	18	43,500			
Feb-12	42	155,400	46,472	3.6%	97,789	4.5	3.0	0.0	0.0	337,500	100,929	1.0	1.0	0.0	3,380	3,635	524	102,483	0.00346	203,411	203,411	39	103,500	39	103,500	39	103,500			
Mar-12	12	44,400	14,827	4.0%	112,416	5.5	2.0	0.0	0.0	337,500	111,185	2.0	2.0	1.5	2,890	3,736	190	81,016	0.0026	192,201	192,201	37	86,500	37	86,500	37	86,500			
Apr-12	86	318,200	90,939	3.4%	203,355	2.0	1.0	0.0	0.0	135,000	38,592	2.0	2.5	2.5	2,870	3,060	489	93,682	0.00297	132,264	132,264	26	65,000	26	65,000	26	65,000			
May-12	47	173,900	42,646	2.9%	246,001	3.0	2.0	0.0	0.0	225,000	55,177	2.0	2.0	2.0	3,070	3,590	3,757	904	3,757	904	104,365	0.00333	159,543	159,543	36	80,000	36	80,000		
Jun-12	56	207,200	60,513	3.5%	306,514	1.0	3.0	0.0	0.0	180,000	52,569	1.0	3.0	1.0	3,560	2,690	3,714	476	3,714	476	96,809	0.00313	149,378	149,378	55	138,000	55	138,000		
Jul-12	45	166,500	44,127	3.2%	350,641	5.0	0.0	0.0	0.0	225,000	59,631	2.0	1.5	1.0	3,650	3,410	3,705	595	3,705	595	109,093	0.00353	168,725	168,725	36	80,000	36	80,000		
Aug-12	0	-	0	0.0%	350,641	2.5	2.5	0.0	0.0	225,000	59,631	1.0	2.0	1.5	3,440	2,390	3,718	428	3,718	428	90,399	0.00292	150,030	150,030	36	80,000	36	80,000		
Sep-12	33	122,100	29,161	2.9%	379,802	4.5	3.0	0.0	0.0	337,500	80,605	2.0	2.0	2.5	3,080	3,320	3,744	094	3,744	094	93,521	0.003	174,126	174,126	37	91,500	37	91,500		
Oct-12	40	148,000	41,473	3.4%	421,275	5.0	0.0	0.0	0.0	202,500	56,745	1.5	0.0	1.5	3,160	3,320	3,691	765	3,691	765	99,758	0.00324	156,503	156,503	33	76,500	33	76,500		
Nov-12	52	192,400	62,487	3.9%	483,762	2.0	2.0	0.0	0.0	180,000	58,460	0.0	5.0	2.0	4,030	3,090	3,775	666	3,775	666	111,156	0.00353	169,616	169,616	32	66,500	32	66,500		
Dec-12	9	33,300	9,720	3.5%	493,482	5.0	1.5	0.0	0.0	292,500	85,378	1.5	2.0	1.5	4,030	3,697	691	104,081	0.00338	189,459	189,459	48	120,000	48	120,000					
Jan-13	0	-	0	3.5%	-	6.0	2.5	0.0	0.0	495,000	144,491	1.5	2.0	0.0	4,120	3,662	167	124,155	0.00407	235,807	235,807	26	65,000	26	65,000	26	65,000			
Feb-13	8	29,600	8,517	3.5%	-	8.0	6.5	0.0	0.0	652,500	187,748	2.0	2.0	1.0	4,000	3,740	3,696	714	3,696	714	119,314	0.00387	263,805	263,805	56	110,000	56	110,000		
Mar-13	74	273,800	89,488	3.9%	98,005	6.0	6.0	0.0	0.0	540,000	176,492	2.5	2.0	1.0	4,030	4,050	3,714	476	3,714	476	123,915	0.004	311,663	311,663	21	52,500	21	52,500		
Apr-13	82	303,400	95,228	3.8%	193,233	3.5	4.0	0.0	0.0	337,500	105,931	3.0	5.0	2.0	3,970	3,540	3,766	785	3,766	785	135,084	0.0043	311,676	311,676	24	60,000	24	60,000		
May-13	54	199,800	62,210	3.7%	255,443	6.0	3.0	0.0	0.0	405,000	126,101	1.0	7.0	2.0	3,850	3,828	952	117,994	0.0035	217,698	217,698	36	85,500	36	85,500					
Jun-13	97	358,900	105,164	3.5%	360,607	6.0	1.0	0.0	0.0	315,000	92,301	1.5	2.0	1.0	3,950	3,540	3,828	952	3,828	952	117,994	0.0037	244,095	244,095	47	117,500	47	117,500		
Jul-13	74	273,800	90,969	4.0%	451,576	6.5	0.0	0.0	0.0	292,500	97,182	2.0	2.5	2.0	3,950	4,410	3,705	595	3,705	595	129,181	0.00418	221,482	221,482	58	137,500	58	137,500		
Aug-13	48	177,600	56,069	3.8%	507,645	5.0	1.0	0.0	0.0	270,000	85,240	2.0	2.5	1.5	3,580	3,680	3,766	785	3,766	785	114,036	0.00383	211,218	211,218	57	142,500	57	142,500		
Sep-13	83	307,100	110,472	4.3%	618,117	4.0	0.0	0.0	0.0	90,000	32,375	2.0	2.0	2.0	2,960	3,300	3,727	309	3,727	309	100,252	0.00332	185,492	185,492	39	97,500	39	97,500		
Oct-13	0	-	0	4.3%	618,117	5.0	2.0	0.0	0.0	180,000	64,552	1.0	0.0	1.0	3,220	3,680	3,757	904	3,757	904	103,865	0.00332	185,492	185,492	39	97,500	39	97,500		
Nov-13	0	-	0	4.3%	618,117	4.0	0.0	0.0	0.0	180,000	64,552	1.0	0.0	1.0	3,220	3,740	3,661	190	3,661	190	106,259	0.00348	170,811	170,811	32	80,000	32	80,000		
Dec-13	0	-	0	4.3%	618,117	5.0	2.0	0.0	0.0	180,000	64,552	1.0	0.5	1.0	3,600	3,800	3,652	309	3,652	309	113,921	0.00374	226,887	226,887	19	47,500	19	47,500		
Jan-14	0	-	0	4.3%	618,117	4.0	0.0	0.0	0.0	405,000	145,241	2.0	2.5	0.0	3,680	3,960	3,679	929	3,679	929	117,992	0.00383	262,633	262,633	22	54,500	22	54,500		
Feb-14	0	-	0	4.3%	618,117	5.0	5.0	0.0	0.0	472,500	169,448	1.5	2.5	0.0	3,410	4,030	3,671	048	3,671	048	113,894	0.00372	283,341	283,341	6	15,000	6	15,000		
Mar-14	29	107,300	35,703	4.0%	35,703	5.0	5.5	0.0	0.0	450,000	149,733	0.5	0.5	0.5	4,270	4,230	3,639	476	3,639	476	129,001	0.00425	278,734	278,734	35	90,500	35	90,500		
Apr-14	65	240,500	77,176	3.8%	112,879	7.5	3.5	0.0	0.0	495,000	158,845	1.5	1.0	1.5	4,420	3,710	3,709	547	3,709	547	125,761	0.00407	284,605	284,605	30	75,000	30	75,000		

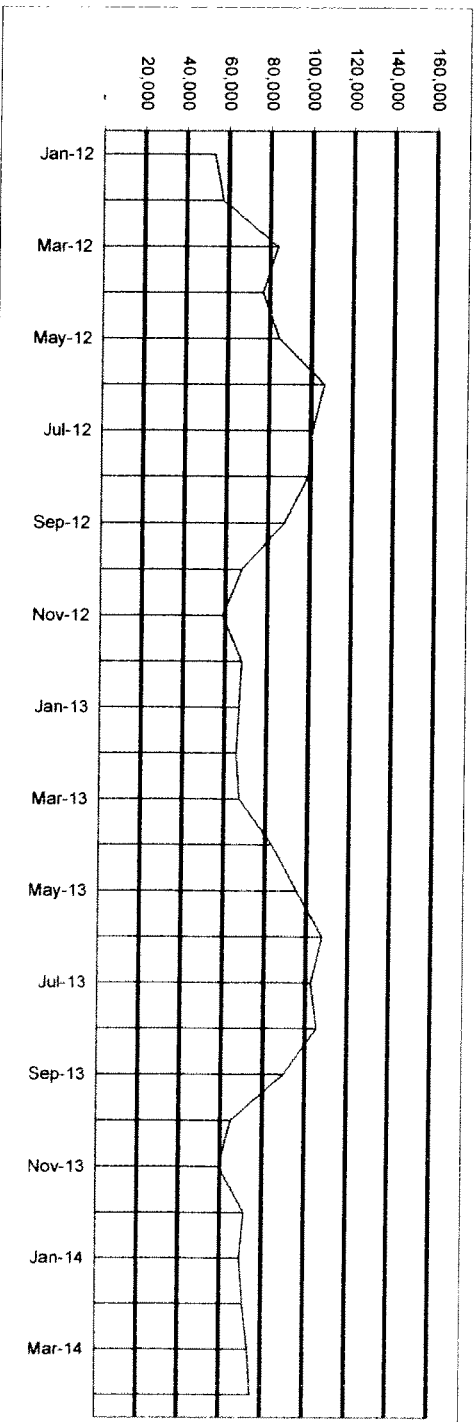


Electric Cost Kilowatts Used

Electric Cost



Kilowatts Used





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

Discharge Monitoring Report For Municipal Wastewater Treatment Plants

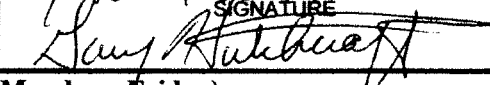
NAME OF FACILITY						LOCATION ADDRESS & CITY						COUNTY/REGION			
Lake of the Ozarks Regional WWTP #1						#3 Anderson Road						Miller/SWRO			
MONTH/YEAR		PERMIT NUMBER				OUTFALL NUMBER		TYPE TREATMENT FACILITY							
Apr-14		MO-0103241				#001		Oxidation Ditch/UV/Sludge Holding-sludge is land applied							
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			11.8	1.446	7.8				6.1		11.7			
2	7.4			11.7	1.506	7.8				6.3		11.6			
3	7.4			12.8	1.573	7.7			0.06	6.8		13.3			
4	7.4	255	222	11.9	2.450	7.8	1.8	1		5.6		12.2	99.3	99.5	
5	7.5			11.2	1.895	7.8				6.8		11.1			
6	7.3			12.5	1.791	7.8				8.0		12			
7	7.5			12.3	1.496	7.8				5.9	<20	12.5			
8	7.3			13.1	1.493	7.8				6.6		12.8			
9	7.4			11.7	1.444	7.9				6.7		11.9			
10	7.3			13.3	1.507	7.9			0.02	6.7		13.1			
11	7.2	185	186	13.6	1.455	7.6	1.4	0.6		6.6		13.8	99.2	99.7	
12	7.4			13.7	1.466	7.8				6.6		14.4			
13	7.2			15.2	1.684	7.9				6.2		15.6			
14	7.3			13.8	1.745	8.0				6.2	<20	14.5			
15	7.3			13.4	1.493	7.9				7.8		13.3			
16	7.3			13.4	1.593	7.7				7.4		12.8			
17	7.4			13.3	1.512	7.9			0.12	7.9		12.7			
18	7.3	198	184	13.8	1.285	7.9	1.2	0.2		8.8		13.2	99.4	99.9	
19	7.2			13.6	1.570	8.3				8.9		13.6			
20	7.4			14.8	1.602	7.9				8.5		14.9			
21	7.3			14.5	1.409	7.9				8.7	<20	15.3			
22	7.4			14.6	1.494	7.9				6.2		15.8			
23	7.5			14.8	1.392	7.9				7.3		15.6			
24	7.4			14.8	1.571	7.9			0.02	6.3		15.4			
25	7.3	275	256	15.3	1.748	7.9	1.3	0.6		5.7		15.5	99.5	99.8	
26	7.2			15.6	1.627	7.8				6.7		16			
27	7.2			16.4	1.782	7.9				6.3		16.4			
28	7.4			16.2	2.302	7.9				6.0		16.7			
29	7.3			15.3	1.668	7.8				5.0	<20	16			
30	7.2			15	1.558	7.9				6.0		14.9			
Total					48.557										
Avg		228	212	14	1.619		1.4	0.6	0.06	6.8	< 20	14.0	99.4	99.7	
Min	7.2	185	184	11	1.285	7.6	1.2	0.2	0.02	5.0	< 20	11.1	99.2	99.5	
Max	7.5	275	256	16	2.450	8.3	1.8	1.0	0.12	8.9	< 20	16.7	99.5	99.9	

MONTHLY EFFLUENT MONITORING		QUARTERLY EFFLUENT MONITORING	
DATE	Oil & Grease mg/L	Selenium µg/L	Zinc µg/L
1			
2			
3			
4			
5			
6			
7	< 5.0	< 0.010	0.015
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
Total			
Avg	< 5.0	< 0.010	0.015
Min	< 5.0	< 0.010	0.015
Max	< 5.0	< 0.010	0.015

OPERATIONAL CONTROLS/LABORATORY TEST REQUIRED FOR "ACTIVATED SLUDGE" PROCESSES

DATE	SLUDGE DISP. LBS. DRY WEIGHT	#1 Aeration Basin, O-Ditch, Etc.				#2 Aeration Basin, O-Ditch, Etc.				*Weather Conditions		
		MIXED LIQUOR				MIXED LIQUOR				Outside	*RAIN inches	Time
		* DO	** MLSS	*Settleability		* DO	** MLSS	*Settleability		* Ambient		
		mg/l	mg/l	*30 min ml	Temp ° C	mg/l	mg/l	*30 min ml	Temp ° C	Temp ° F		
1	7,221	1.6	4,690	570	11.7	3.3	4,000	520	11.5	43		7:30
2	2,407	2.1	4,720	550	11.7	3.2	4,030	430	11.6	49	0.25	7:30
3		1.7	4,230	500	13.6	2.5	4,230	530	13.1	62	0.3	7:30
4		1.5	4,090	410	11.9	1.7	4,440	580	11.9	43	1.8	7:30
5		1.9	5,680	700	10.8	1.7	3,100	350	10.8	36		7:30
6		2.9	4,370	520	11.8	5.3	4,060	540	11.8	47		7:30
7		1.6	4,820	590	12.2	2.2	4,010	470	12.2	48		7:30
8	4,690	1.4	5,080	610	12.9	3.2	3,780	410	12.7	48		7:30
9	7,406	1.7	4,740	550	12	3.7	3,760	420	11.7	38		7:30
10	7,776	2.8	4,120	430	13.5	3.6	3,620	380	13.3	63		7:30
11	6,295	1.6	4,810	560	13.8	2.6	4,010	450	13.7	50		7:30
12		1.8	4,600	490	14.7	2.6	4,050	460	14.5	60		7:30
13		1.6	4,040	390	16	1.7	4,520	510	15.8	65		7:30
14		1.6	4,000	420	14.2	1.9	4,500	520	14.1	43	0.7	7:30
15		2.8	4,370	520	12.4	3.6	3,940	480	12.2	32		7:30
16	6,850	1.6	5,370	640	12.4	3.2	3,430	350	12.5	44		7:30
17	3,610	1.6	5,270	650	12.9	5.0	3,030	300	12.7	45		7:30
18	7,221	2.1	4,270	480	13.4	4.6	3,600	400	13.1	46		7:30
19		4.7	3,410	370	13.6	4.3	4,300	560	13.5	48		7:30
20		2.7	3,080	300	15.1	2.5	4,730	650	14.8	57		7:30
21		4.0	3,640	350	15.6	2.3	4,200	470	15.6	61	0.15	7:30
22		1.5	4,670	570	15.7	2.4	3,670	420	15.5	54		7:30
23		1.6	4,400	480	15.4	2.4	3,940	420	15.2	49		7:30
24		1.4	4,780	530	15.4	2.2	3,740	420	15.3	62		7:30
25	8,424	1.3	5,250	630	15.7	1.8	3,260	340	15.4	50	0.6	7:30
26		1.4	4,360	480	16.1	1.8	4,290	450	15.9	51		7:30
27		1.7	3,890	400	16.6	1.7	3,950	420	16.4	62		7:30
28		1.1	5,250	640	17.2	1.7	3,220	300	17	61	1.25	7:30
29	6,850	1.1	4,640	530	15.8	1.5	3,710	400	15.8	53		7:30
30	8,424	1.5	4,420	520	14.3	2.5	3,710	400	14.5	47		7:30

COMMENTS:

TESTS PERFORMED BY (PRINT)	SIGNATURE	PHONE #	DATE
John Hornback		(573)365-0455	5/7/2014
REPORT APPROVED BY (PRINT)	SIGNATURE	PHONE #	DATE
Gary Hutchcraft		(573)365-0455	5/7/2014

*Required Daily (Monday - Friday)

**Required 1/week

FOR APRIL 2014

(the following abbreviations: R-rain, S-snow, O-overcast, C-clear, PC-partly cloudy).

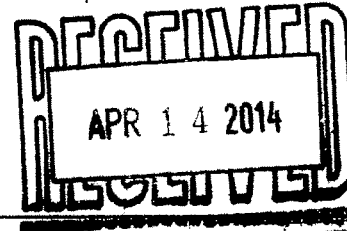
Date 5/7/2014

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: 125311



Report of Analysis

Reference:

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

Log Number: 1703307 Sample Description: Quarterly Sludge Sample Date: 3/11/2014 Sample Received Date: 3/12/2014

Coli S

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Fecal Coliform in Sludge	84900	CFU/g	SM-9222 D-97		03/12/14	133
Total Solids Average	3.91	% w/w	SM-2540 G-97		03/12/14	133

Nutrients

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Phosphorus	22000	mg/Kg	SM-20 4500-P E-99		03/17/14	133

PAN Group

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Ammonia as Nitrogen	9,560	mg/Kg	Lachat-10-107-06-1-K		03/14/14	102
Kjeldahl Nitrogen	41,200	mg/Kg	Lachat-10-107-06-2-K		03/14/14	102
Nitrate as Nitrogen	292	mg/Kg	EPA-300.0 Rev. 2		03/17/14	133
Nitrite as Nitrogen	48.7	mg/Kg	EPA-300.0 Rev. 2		03/17/14	133
Organic Nitrogen	31,600	mg/Kg	Lachat-10-107-06-2-K		03/14/14	102
PAN - Subsurface Application	16220	ppm	Calculation		04/02/14	127
PAN - Surface Application	13352	ppm	Calculation		04/02/14	127

Preparation Methods

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Anions IC Sample Preparation	1	Prep	SM-4110B-00		03/12/14	133
Metals ICP Sample Digestion	1	Prep	EPA-200.7 Rev. 4.4	PDC	03/24/14	
Total Metals Flame-AA Digestion	1	Prep	EPA-200.2		03/17/14	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: 125311

Report of Analysis

Log Number: 1703307
Sample Description: Quarterly Sludge

Sample Date: 3/11/2014

Sample Received Date: 3/12/2014

Solids

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Total Solids	4.11	% w/w	SM-2540 G-97		03/14/14	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	03/24/14	
Cadmium	< 0.30	mg/Kg	SM-3111 B-99		03/25/14	133
Chromium	40.3	mg/Kg	SM-3111 B-99		03/25/14	133
Copper	451	mg/Kg	SM-3111 B-99		03/25/14	133
Lead by ICP	18	mg/Kg	EPA-200.7 Rev. 4.4	PDC	03/24/14	
Mercury by Cold-Vapor Technique	0.28	mg/Kg	SM-3112 B-99		03/14/13	133
Molybdenum by ICP	5.3	mg/Kg	EPA-200.7 Rev. 4.4	PDC	03/24/14	
Nickel	14.7	mg/Kg	SM-3111 B-99		03/25/14	133
Potassium	576	mg/Kg	SM-3111 B-99		03/18/14	133
Selenium by ICP	< 2.0	mg/Kg	EPA-200.7 Rev. 4.4	PDC	03/24/14	
Zinc	912	mg/Kg	SM-3111 B-99		03/25/14	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

FECAL COLIFORM IN SLUDGE

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

Log # 1703307

Date: 3/12/2014

Analyst: 102

Total Solid calculation

Sample Replicate	Sample Size (grams)	Tare Weight (grams)	Tare Wt. + Res. (grams)	Residue Wt. (grams)	Final Result (%w/w)
A	26.4999	1.9523	2.9911	1.0388	3.92
B	26.6662	1.9589	3.0082	1.0493	3.93
C	29.3489	1.9635	3.1037	1.1402	3.88
D	25.9493	1.9626	2.9756	1.0130	3.9
E	28.1243	1.9615	3.0587	1.0972	3.9
F	27.1491	1.9686	3.0306	1.0620	3.91
G	25.5416	1.9711	2.9678	0.9967	3.9
				Average Total Solid	3.91

Colony Counts

Date: 3/12/2014

Analyst: 102

Sample Replicate	Wt. Of Sample (grams)	Sample Size (mls - 0.1, 1.0, 10)	Colony Count used	Final Count #/gram (dry)
A	0.4029	1	15	95,000
B	0.4286	1	14	83,100
C	0.4471	1	21	121,000
D	0.4398	1	14	81,600
E	0.4443	1	9	51,900
F	0.4848	1	15	79,100
G	0.4639	1	18	99,500
Geometric Average				84,900

Approved by:



Environmental Analysis South, Inc.
Clarification Coagulant Sludges
Sludge Analysis

4/2/2014

Submitted by: Alliance Lake Ozarks					
Log Number: 1703307					
pH					
Coliform					
Parameter	Wet %	Wet ppm	Dry %	Dry ppm	lbs/dry Tons
Moisture			95.89		
Solids			4.11		
Volatile Solids					
Ash					
Nitrogen (TKN)	0.169%	1691.676	4.116%	41160.000	82.320
Nitrate N	0.001%	12.001	0.029%	292.000	0.584
Nitrite N	0.000%	2.002	0.005%	48.700	0.097
Ammonia N	0.039%	392.916	0.956%	9560.000	19.120
Organic N	0.130%	1298.760	3.160%	31600.000	63.200
PAN Surface Application	0.055%	548.796	1.335%	13352.700	26.705
PAN Subsurface Application	0.067%	666.671	1.622%	16220.700	32.441
Potassium (as K)	0.002%	23.674	0.058%	576.000	1.152
Phosphorus (as P)	0.090%	904.200	2.200%	22000.000	44.000
Arsenic (as As)	ND	ND	ND	ND	ND
Cadmium (as Cd)	ND	ND	ND	ND	ND
Chromium (as Cr)	0.000%	1.656	0.004%	40.300	0.081
Copper (as Cu)	0.002%	18.536	0.045%	451.000	0.902
Molybdenum (as Mo)	0.000%	0.218	0.001%	5.300	0.011
Nickel (as Ni)	0.000%	0.604	0.001%	14.700	0.029
Lead (as Pb)	0.000%	0.740	0.002%	18.000	0.036
Selenium (as Se)	ND	ND	ND	ND	ND
Zinc (as Zn)	0.004%	37.483	0.091%	912.000	1.824
Mercury (as Hg)	0.000%	0.012	0.000%	0.280	0.001
code ND = none detected					
code NT = not tested					



Bids for Repair of 1 - 10 hp Flygt Lift Station Pump

Bidder	Budgeted Amount	Total Bid	Equipment
Evans Electric	\$6,000.00	\$7,705.00	Flygt Pump 3102.180 - SN # 4610301 442 - 10Hp
		picked up and delivered	
Vandevanter Engineering	"	\$5,520.00	Flygt Pump 3102.180 - SN # 4610301 442 - 10Hp
		plus freight	
JCI Industries	"	\$5,746.21	Flygt Pump 3102.180 - SN # 4610301 442 - 10Hp
		picked up and delivered	

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Steven E. Mauer
semauer@zergermauer.com

May 14, 2014

Mayor Penny Lyons
Nancy Viselli
Ed Rucker, Esq.
City of Osage Beach
1000 City Parkway
Osage Beach, Missouri 65065

Re: Lake Ozark-Osage Beach Joint Sewer Board, et al. v. Missouri Department of Natural Resources, et al.

Dear Mayor Lyons, Nancy and Ed:

On May 13th, I had a telephone conference with opposing counsel in the above-referenced matter. At that time, we discussed the delay which has occurred in filing the record on appeal. As a result, we will not be able to have a hearing on May 20th as planned. However, because no blasting or activities are occurring on the site, I do not believe the delay hurts us. That said, we are still pressing forward and I have prepared our review brief which is almost final. We are waiting on the record being filed by Mr. Duggan and a transcript of the hearing before the LRC so we can cite appropriately in our appeal brief.

Please call if you have any questions or comments. Thank you for your time and attention.

Very truly yours,

A handwritten signature in black ink, appearing to read 'SEM', is written over a horizontal line.

Steven E. Mauer

SEM/cdt:21698

