

**OSAGE BEACH/LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
FEBRUARY 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, Nancy Viselli
City Administrator, Lake Ozark, Dave Van Dee
Alderman, Lake Ozark, Don Langley
Alderman, Osage Beach, John Olivarri
City Engineer, Osage Beach, Nick Edelman
Public Works Director, Lake Ozark, Matt Michalik
Gary Hamner

3. MINUTES

Regular Meeting; January 21, 2014

Page Numbers

3-5

4. REPORTS

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5. OLD BUSINESS

Magruder Update

6. NEW BUSINESS

7. DISCUSSION

8. ADJOURNMENT

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

**LAKE OZARK - OSAGE BEACH
JOINT SEWER BOARD
Meeting Minutes – January 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: Mayor Penny Lyons
Mayor John Franzeskos
City Administrator, Nancy Viselli
City Administrator, Dave Van Dee
Osage Beach Alderman, John Olivarri
Lake Ozark Alderman, Don Langley
Lake Ozark Public Works Director, Matt Michalik
Osage Beach Public Works Director, Nick Edelman
Gary Hamner

Absent: None

Others Present: Gary Hutchcraft, Plant Manager
Gary Johnson, Alliance Water Resources
Ed Rucker, Osage Beach City Attorney
Karri Bell, Osage Beach Treasurer
Mike Welty, Osage Beach Staff Accountant

MINUTES OF PAST MEETING:

Mayor Lyons asked for a motion to approve the minutes from the November 19, 2013 meeting. Mayor Franzeskos motioned to approve the minutes second by Gary Hamner, all voted and unanimously approved.

PUBLIC COMMENT: None to report

BILLS LIST: Gary Hamner questioned the invoice from American Sun Control on page 10 and page 11 for the handrails and clarifiers. Gary Hamner said he doesn't remember discussing it at a meeting. Gary Hutchcraft said it was an emergency and called ahead to Nancy Viselli get it approved so he can get the parts ordered. The invoice from Ovivo for \$2,228.18 is for the gear motor, sprockets and chains. It was mentioned at the top of page 7, Bill List, the year 2013 should be 2014. Alderman Olivarri also mentioned the on the bill list under bills to be paid; the December 2013 Management Fee should read January 2014 Management Fee and asked if the Mauer payment will bring them current and Karri Bell confirmed that it will. The invoice from Ovivo has a total of \$2,228.18 but the November 2013 minutes in the Alliance report shows an amount of \$2,218.18. The Joint Sewer Clerk went back and reviewed the Alliance October 2013 report and found that \$2,218.18 is the dollar amount listed on the report which should have been \$2,228.18. With those corrections, Mayor Lyons asked for a motion to approve the Bills List. Mayor Franzeskos motioned to approve the bills list, second by Public Works Director, Michalik. All voted and unanimously approved.

REPORTS:

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

Mayor Lyons asked for a motion to approve the reports. Alderman Olivarri motioned to approve the reports, second by City Administrator Van Dee. All voted and unanimously approved.

ALLIANCE REPORT & FLOW CHARTS:

Gary Hutchcraft went over the November & December 2013 summary report of operations, a copy of which is included in the meeting packet. Gary handed out copies of the newly updated 2014 Plant Inventory and Emergency Operations Plan along with a memo to the Joint Sewer Board in response to Nancy Viselli's email on the MML newsletter concerning the EPA Ammonia criteria. Gary Hamner commended Gary Hutchcraft on the Effluent BOD/TSS usage for the year.

Mayor Lyons asked for a motion to approve the November 2013 Flow Charts. Mayor Franzekos motioned to approve the November 2013 Flow Charts, second by City Administrator Viselli. All voted and unanimously approved.

Mayor Lyons also asked for a motion to approve the December 2013 Flow Charts. City Administrator Van Dee motioned to approve the December 2013 Flow Charts; second by Alderman Olivarri. All voted and unanimously approved.

OLD BUSINESS:**Magruder Litigation Update**

Attorney Ed Rucker, as of today, we have a motion to file an amended petition, pending in the action before Judge Comley that has been sitting for a while. This is a motion to say we want to amend the current petition and complaint about what the Commission did with Commissioner Winn's order. After more discussion, Attorney Ed Rucker said Melody and Steve will, before February 9, 2014, file a new action.

NEW BUSINESS:

Gary Hamner presented his annual sewer plant flow chart. Page one (1) is the annual flow by million gallons. Page two (2) is by city and page three (3) is by growth/capacity.

OTHER DISCUSSION:

City Administrator mentioned that he had a phone call from Schultz & Summers Engineering Co. that they are pursuing conversations with Rocky Mount. He sent them a copy of our connection policy a month or two ago, doesn't know what their timeline is but are not making any promises.

ADJOURNMENT:

With nothing further to discuss, Mayor Lyons asked for a motion to adjourn the meeting. Mayor Franzekos motioned to adjourn the meeting, second by City Administrator Viselli. The meeting was adjourned at 4:30 pm. The next scheduled meeting is Tuesday, February 18, 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

February 18, 2014

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	4,115.52
OPERATING FUND BILLS TO BE PAID:	\$	31,928.60
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	2,228.18
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$	-
TOTAL		\$ 38,272.30

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Check	Paid To:	Description:	Amount:
4185	3350	Ameren UE	January 2014 Electric Bill	\$ 4,115.52
TOTAL				\$ 4,115.52

OPERATING FUND BILLS TO BE PAID:

Account	Check	Paid To:	Description:	Amount:
4000	3351	Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.17
4170	3352	Alliance Water Resources, Inc.	Feb 2014 Management Fee	\$ 24,037.09
4020	3353	Alliance Water Resources, Inc.	Hauled Waste	\$ 1,090.00
4220	3354	Zerger & Mauer	Magruder Lawsuit	\$ 3,334.34

\$ 31,928.60

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Check	Paid To:	Description:	Amount:
	1006	Ovivo	Gear Box/Motor Rebuild	\$ 2,228.18
				\$ 2,228.18

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

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



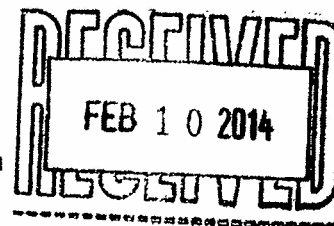
Please Return This Portion With Your Payment.

AMOUNT DUE	DUE DATE
\$3,787.70	Feb 21, 2014
AMOUNT PAYABLE AFTER Mar 4, 2014	ACCOUNT NUMBER
\$3,844.52	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



40600000 0045800058302 000003787700 000003787700

Keep This Portion For Your Records

ACCOUNT NUMBER	45800-05832
NAME	ALLIANCE WATER RESOURCES INC
SERVICE ADDRESS	3 ANDERSON RD, - LAKE OZARK, MO 65049

BILL DATE	Feb 10, 2014
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TOTAL AMOUNT DUE BY	Feb 21, 2014	\$3,787.70
DELINQUENT AFTER	Mar 4, 2014	\$3,844.52

Payment Received on Jan 22, 2014

\$3,853.01

TYPE OF READING	METER NUMBER	SERVICE FROM	NO. TO DAYS	METER READING PREVIOUS	METER READING PRESENT	READING DIFFERENCE	METER MULTIPLIER	THERM FACTOR	USAGE	R D
Total kWh	11673321	01/08-02/06	29	20650.0000	21052.0000	402.0000	160.0000		64320.0000A	
Peak kW	11673321	01/08-02/06	29	0.0000	0.8280	0.8280	160.0000		132.4800A	

Service To				SUMMARY				Service To			
Total kWh	02/06/2014	64320.0000		Peak kW	02/06/2014	132.5000					
Total Billing Demand	02/06/2014	132.5000		October Winter Base kW	02/06/2014	146.2000					
Winter Base Demand	02/06/2014	132.5000		Base kWh Ratio	02/06/2014	1.0000					
Base kWh (HUD)	02/06/2014	64320.0000		Seasonal kWh (HUD)	02/06/2014	0.0000					

METERED ELECTRIC SERVICE BILLING

Rate 3M Large General Service

Service From 01/08/2014 To 02/06/2014

Seasonal Energy Charge	0.00 kWh	@ \$.03630000	\$0.00
Demand Charge	132.50 kW	@ \$1.71000000	\$226.58
Base Energy Chg / Hours Used	19,875.00 kWh	@ \$.06230000	\$1,238.21
Base Energy Chg / Hours Used	26,500.00 kWh	@ \$.04620000	\$1,224.30
Base Energy Chg / Hours Used	17,945.00 kWh	@ \$.03630000	\$651.40
Customer Charge			\$88.82
Fuel Adjustment Charge	64,320.00 kWh	@ \$.00270000	\$173.66
Energy Efficiency Pgm Charge	64,320.00 kWh	@ \$.00050000	\$32.16
Energy Efficiency Invest Chg	64,320.00 kWh	@ \$.00237200	\$152.57
Total Service Amount			\$3,787.70

Current Amount Due	\$3,787.70
Prior Amount Due	\$0.00
Total Amount Due	\$3,787.70

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.

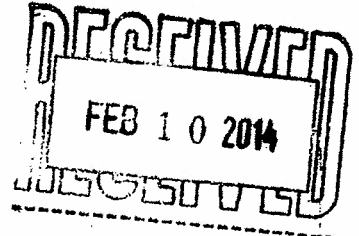
☐ Pure Power

AMOUNT DUE	DUE DATE
\$327.82	Feb 21, 2014
AMOUNT PAYABLE AFTER Mar 4, 2014	ACCOUNT NUMBER
\$332.74	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 000000327820 000000327820

Keep This Portion For Your Records

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

BILL DATE	Feb 10, 2014
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TOTAL AMOUNT DUE BY	Feb 21, 2014	\$327.82
DELINQUENT AFTER	Mar 4, 2014	\$332.74

Payment Received on Jan 22, 2014

\$317.91

TYPE OF READING	METER NUMBER	SERVICE FROM TO DAYS	NO.	METER READING PREVIOUS	METER READING PRESENT	READING DIFFERENCE	METER MULTIPLIER FACTOR	THERM	USAGE	H D
Total kWh	98041275	01/08-02/06	29	4556.0000	5093.0000	537.0000	10.0000		5370.0000A	
Peak kWh	98041275	01/08-02/06	29	0.0000	5.5410	5.5410	10.0000		55.4100A	

Service To				SUMMARY		Service To	
Total kWh	02/06/2014	5370.0000	Winter Base kWh	02/06/2014	1310.0000		
Current Base kWh	02/06/2014	1310.0000	Seasonal kWh	02/06/2014	4060.0000		

METERED ELECTRIC SERVICE BILLING

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

Service From 01/08/2014 To 02/06/2014
Threshold - Peak Demand

Base Energy Charge	1,310.00 kWh @ \$0.07710000	\$101.00
Seasonal Energy Charge	4,060.00 kWh @ \$0.04450000	\$180.67
Customer Charge		\$19.54
Fuel Adjustment Charge	5,370.00 kWh @ \$0.00270000	\$14.50
Energy Efficiency Pgm Charge	5,370.00 kWh @ \$0.00030000	\$1.61
Energy Efficiency Invest Chg	5,370.00 kWh @ \$0.00195500	\$10.50
Total Service Amount		\$327.82

Current Amount Due	\$327.82
Prior Amount Due	\$0.00
Total Amount Due	\$327.82

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 1.5 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.

OVIVO

Bringing water to life

Ovivo USA, LLC

4246 Riverboat Road, Suite 300

Salt Lake City, UT 84123

Phone: (801)931-3000

Fax: (801)931-3080

REMIT TO VIA CHECK

Ovivo USA, LLC

P.O. Box 673076

Detroit, MI 48267-3076

REMIT TO VIA WIRE

Comerica Bank

500 Woodward Avenue

Detroit, MI 48226

Account #: 1851855104

Routing #: 072000096

SWIFT #: MNBDUS33

Telex: 3772134 MNB INTL DET

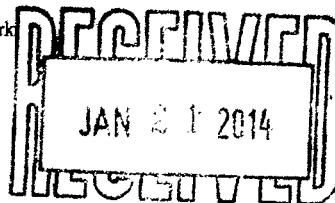
INVOICE NO

8462036

Page: 1 of 1

Date: 01/15/2014

B 18908
I Joint Sewer Board of Lake Ozark
L P.O. Box 1985
L Attn: Accounts Payable
L Lake Ozark MO 65049
T USA
O



S 1
H Gary Hutchcraft
I Lake Ozark Wastewater Treatment plant
P 3 Anderson Road
T Lake Ozark MO 65049
O USA

Order		Customer PO		Ship Via		Terms		Currency
SSW0006366				Freight Allowed		Net 30 days		USD
Line	Item/Description	Qty Ordered	Qty Shipped	Qty Back Ord	U/M	Unit Price	Extended Price	

1	23276A232A . GEAR MOTOR, RIGHT ANGLE (US MOTORS) Date Shipped: 01/14/2014	1.00	1.00	0.00	EA	1,873.6500	1,873.65	
2	86668F SPROCKET 14T #60 1.500" BORE Date Shipped: 11/21/2013	1.00	1.00	0.00	EA	74.3200	74.32	
3	85749Y SPROCKET, 48T, 2-3/16 BORE Date Shipped: 12/03/2013	1.00	1.00	0.00	EA	171.4100	171.41	
4	86603H CHAIN, ROLLER, #60, 3/4P RIVETD (160 LNKs/BX) Date Shipped: 11/21/2013	160.00	160.00	0.00	LNK	0.6800	108.80	

e/R

Sales Amount	2,228.18
Misc Charges	0.00
Freight	0.00
Sales Tax	0.00
Prepaid Amount	0.00
Total	2,228.18

WE HEREBY CERTIFY THAT THESE GOODS WERE PRODUCED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF SECTION 6, 7, & 12 OF THE FAIR LABOR STANDARDS ACT AS AMENDED AND REGULATIONS AND ORDERS OF THE UNITED STATES DEPARTMENT OF LABOR ISSUED UNDER SECTION 14 THEREOF.
MATERIAL RETURN POLICY: WRITTEN AUTHORIZATION IS REQUIRED FOR ALL RETURNED MATERIAL. MATERIAL MUST BE RETURNED F.O.B. TO OUR PLANT OF ORIGIN.

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: 5913

01-Feb-14

SOLD TO:

Lake Ozark/Osage Beach Joint Utility Board

c/o Karri Bell

City of Osage Beach

1000 City Parkway

Osage Beach, MO 65065

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Wastewater Plant operating service for month of: Feb-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: 5912

Invoice Date: 31-Jan-14

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Hauled waste payments for the month of Jan-14	
	1 Hauled waste load @ \$40.00 each	\$40.00
	21 Hauled waste load @ \$50.00 each	\$1,050.00
TOTAL DUE		\$1,090.00

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: 01/16/2014
Statement No. 3228
Page No. 1

Fees

		Rate	Hours	
12/02/2013				
MLR	Draft and revise motion for leave to file amended petition for review.	250.00	0.60	150.00
12/04/2013				
MLR	Communicate with client regarding draft motion for leave and amended petition; edit same and prepare for filing with court.	250.00	2.30	575.00
SEM	Review amended petition for review; review letter to clerk of court regarding filing same; review motion to amend petition; prepare notes regarding same.	280.00	0.50	140.00
12/12/2013				
SEM	Prepare letter to Mayor Lyons, N. Viselli and E. Rucker regarding motion to file amended petition and regarding amended petition; edit filings; attorney conference regarding setting hearing on same.	280.00	1.00	280.00
12/19/2013				
MLR	Review and analyze opposition to motion for leave filed by Magruder.	250.00	0.20	50.00
12/20/2013				
MLR	Office conference to discuss strategy for responding to Magruder's opposition to motion to amend petition; legal research regarding time limitation to file appeal and notice and delivery of LRC's final decision.	250.00	1.80	450.00
12/27/2013				
MLR	Draft and revise reply in further support of motion to amend petition.	250.00	3.20	800.00

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: 01/16/2014
 Statement No. 3228
 Page No. 2

		Rate	Hours	
12/30/2013				
MLR	Draft and revise reply in further support of motion to amend.	250.00	1.00	250.00
SEM	Work on reply brief regarding motion to amend petition; prepare notes regarding same; attorney conference regarding same; prepare letter to Mayor Lyons, N. Viselli and E. Rucker regarding briefs filed by Magruder and DNR opposing our motion to amend petition. NO CHARGE	280.00		
12/31/2013				
MLR	Draft and revise reply in further support of motion to amend petition.	250.00	1.30	325.00
SEM	Review final version of reply brief regarding motion to amend; prepare comments to same; attorney conference regarding same; legal research regarding same. NO CHARGE	280.00		
	For Current Services Rendered		11.90	3,020.00
<u>Expenses</u>				
12/05/2013	Photocopy charges			196.80
12/05/2013	Postage			29.88
12/05/2013	Postage			13.20
12/12/2013	Postage			5.60
12/30/2013	Photocopy charges			6.00
12/30/2013	Postage			1.92
12/31/2013	Photocopy charges			45.00
12/31/2013	Postage			0.46
12/31/2013	Postage			15.48
	Total Expenses			314.34
	Total Current Work			3,334.34
	Previous Balance			\$22,216.46
<u>Payments</u>				
12/18/2013	Payment			-10,000.00
	Balance Due			<u>\$15,550.80</u>

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

Account Number	Account Name	1/31/2014				Percent YTD
		2012 Actual	2013 Actual	2014 Budget	2014 Actual as of 1/31/2014	2014 January Revenue
3020	Osage Beach	403,305.55	452,145.77	456,500.00	37,929.61	37,929.61
3010	Lake Ozark	86,694.44	92,854.22	93,500.00	7,903.73	7,903.73
3100	Interest	537.49	34.50	35.00	1.41	1.41
3060	Waste Haulers' Fee	40,820.00	41,460.00	41,000.00	2,180.00	2,180.00
Total Operating Fund		531,357.48	586,494.49	591,035.00	48,014.75	48,014.75
E/R Fund Income		1,374.82	1,320.11	1,350.00	275.53	275.53
TOTAL INCOME		532,732.30	587,814.60	592,385.00	48,290.28	48,290.28
						8%

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**MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
1/31/2014**

Account Number	Account Name	2,012.00 Actual	2013 Actual	2014 Budget	2014 Actual as of 1/31/2014	2014 January Expenses	Percent YTD
4000	Equipment Replace Fund	41,606.04	41,606.04	41,606.04	3,467.17	3,467.17	8%
4010	ERF Repayment	27,961.44	27,961.44	0.00	0.00	0.00	0%
4020	*Maintenance & Repair	88,400.79	19,273.37	108,500.00	83.95	83.95	0%
4140	Insurance	20,962.00	15,489.00	18,000.00	0.00	0.00	0%
4150	***Vehicle Repair/Maint	5,649.28	1,352.11	13,000.00	0.00	0.00	0%
4160	Haulers Fees to Contractor	8,000.00	8,000.00	8,000.00	0.00	0.00	0%
4170	Contract Management	272,948.40	281,409.84	288,500.00	24,037.09	24,037.09	8%
4185	Electric	60,862.46	71,923.84	75,000.00	4,170.92	4,170.92	6%
4200	Audit	1,700.00	1,750.00	1,800.00	0.00	0.00	0%
4220	Professional Service	168,904.97	119,683.73	30,000.00	12,216.46	12,216.46	41%
4240	Capital Purchases	-	5,748.00	30,000.00	0.00	0.00	0%
	Totals	696,995.38	594,197.37	614,406.04	43,975.59	43,975.59	7%
	**E/R Expenses	5,368.50	4,260.00	28,000.00	2,228.18	2,228.18	8%
	TOTAL EXPENSES	702,363.88	598,457.37	642,406.04	46,203.77	46,203.77	7%
	<u>Professional Services</u>						
	Normal/Magrunder Lawsuit	30,000.00					5,000.00
	<u>Capitol Purchases</u>						500.00
	Generator (Saving for Future Purchase)	30,000.00					2,000.00
	<u>Equipment & Replacement</u>						6,000.00
	Normal E/R	10,000.00					50,000.00
	Replace Wooden doors w/ Fiberglass	2,000.00					45,000.00
	Rebuild Ducking Skimmer Clarifier #2	3,500.00					108,500.00
	Rebuild Arm Support Clarifier #1 & 2	5,000.00					3,000.00
	Storage Building	4,500.00					10,000.00
	Metal Roof on Blower Building	3,000.00					13,000.00
	<u>***Vehicle Repair/Maint</u>						
	Vehicle Maintenance						
	Repair/Repaint Sludge Truck						
	<u>*Maintenance & Repair</u>						
	UV Spare Parts						
	Auto Dialer Yearly Software Fee						
	Rock for Road						
	Normal Maintenance						
	#1 Aeration Basin grit removal						
	Sandblast/Repair Clarifier #1						

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OPERATING FUND INCOME AND EXPENSE SUMMARY
1/31/2014

Beginning Balance	28,886.82
Income - Osage Beach	37,929.61
Income - Lake Ozark	7,903.73
Income - Other	0.00
Income - Waste Haulers' Fees	2,180.00
Interest - Checking	1.41
Income - CD Interest	0.00
Transfers From E/R Fund	0.00
Transfers to E/R fund	-3,467.17
Expenses	-40,508.42
Ending Fund Balance	32,925.98
NOW Account - Central Bank	32,925.98
Outstanding Checks:	0.00
Deposit in Transit:	0.00
	32,925.98

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
1/31/2014

Beginning Balance	375,657.91
Interest - Checking	10.84
Income - CD Interest	264.69
Transfers From E/R Fund	3,467.17
Transfers to E/R Fund	0.00
Income - Miscellaneous	0.00
Expenses	-2,228.18
Ending Fund Balance	377,172.43
NOW Account - First Bank	85,871.46
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
	377,172.43

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CHECK REGISTER - JOINT SEWER BOARD OPERATION FUND

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



Central Bank of Lake of the Ozarks

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

001188

Return Service Requested



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

Period Page

01/01/2014-01/31/2014 1 of 2

Web Address

www.cbolobank.com

M

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Your Financial Summary on January 31, 2014

Account Balances & Other Assets

Checking	\$	32,925.98
Total	\$	32,925.98

Explanation of Account Balances and Other Assets

Checking

Beginning Balance December 31, 2013

\$ 28,886.82

Deposits

Jan. 21 Deposit	7,903.73
Jan. 21 Deposit	37,929.61
Jan. 23 Deposit	2,180.00
Jan. 31 Interest Earned	1.41

Total

+\$ 48,014.75

Checks

Check No.	Date Paid	Amount	Check No.	Date Paid	Amount
3345	Jan. 23	4,170.92	3348	Jan. 23	83.95
3346	Jan. 24	3,467.17	3349	Jan. 28	12,216.46
3347	Jan. 23	24,037.09			

Total

-\$ 43,975.59

Ending Balance January 31, 2014

\$ 32,925.98

Number of days since last statement/interest cycle 31
Beginning and ending dates for calculation of statement/interest cycle are 01/01/2014 through 01/31/2014
Average collected balance 35,027.00
Interest rate 0.05%
Annual percentage yield earned 0.05%
Interest earned previous year 34.50

CHECK REGISTER - JOINT SEWER BOARD EQUIPMENT REPLACEMENT FUND

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



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

536 00010
ACCOUNT:
DOCUMENTS:

PAGE: 1
01/31/2014

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

BUSINESS MMDA ACCOUNT

LAST STATEMENT 12/31/13	84,621.63
2 CREDITS	3,478.01
1 DEBITS	2,228.18
THIS STATEMENT 01/31/14	85,871.46

REF #	DATE	AMOUNT	REF #	DATE	AMOUNT	REF #	DATE	AMOUNT
	01/23	3,467.17						

DESCRIPTION	DATE	AMOUNT
INTEREST	01/31	10.84

CHECK #	DATE	AMOUNT	CHECK #	DATE	AMOUNT	CHECK #	DATE	AMOUNT
10063	01/31	2,228.18						

*** CONTINUED ***



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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 January 2014

Submitted by Alliance Water Resources, Inc. for the

February 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	2.5	2.0	NA	0		1.2	<5.0	<0.010
Peak Day	3.8	2.4	7.9	0		4.7	<5.0	<0.010
Percent Removal	98.9	99.0	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 0.770 MGD or 26% of Permitted flow with Lake Ozark contributing 19% of the total flow and Osage Beach contributing 81%. 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 43983 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

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

0 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 461,250 gallons with a level of 4.0 feet in Tank 1 and 5.0 feet in Tank 2.

WASTEHAULERS

The plant received 22 loads of septage during the month totaling 54,500 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Antero Maintenance Data Management schedule. (New version of Operator 10 Software)
- We received the new gear box/gear motor for Clarifier #1 on the 21st of January and installed it that same week, the 24th. We also put Clarifier #1 back in service on the 26th and took Clarifier #3 off line on the 28th.

SAFETY

- We conducted our monthly routine Safety Meeting on Frostbite Protection & Symptoms on the 7th of January.

REGULATORY AGENCY, INSPECTION AND REPORTS

- Mailed DMR to MDNR on the 7th of February.

MISCELLANEOUS AND RECOMMENDATIONS

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

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF January 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-Jan		0.160	0.684	0.844	19.0	81.0						
2-Jan	0.5	0.139	0.595	0.734	18.9	81.1						
3-Jan		0.124	0.489	0.613	20.2	79.8	285	220	255	224	172	218
4-Jan		0.138	0.632	0.770	17.9	82.1						
5-Jan	0.75	0.166	0.629	0.795	20.9	79.1						
6-Jan	1.5	0.137	0.473	0.610	22.5	77.5						
7-Jan		0.142	0.472	0.614	23.1	76.9						
8-Jan		0.166	0.494	0.660	25.2	74.8						
9-Jan		0.186	0.675	0.861	21.6	78.4						
10-Jan		0.163	0.596	0.759	21.5	78.5	183	230	213	128	112	154
11-Jan	0.25	0.194	0.968	1.162	16.7	83.3						
12-Jan		0.176	0.787	0.963	18.3	81.7						
13-Jan		0.168	0.702	0.870	19.3	80.7						
14-Jan		0.146	0.633	0.779	18.7	81.3						
15-Jan		0.131	0.611	0.742	17.7	82.3						
16-Jan		0.139	0.597	0.736	18.9	81.1						
17-Jan		0.136	0.631	0.767	17.7	82.3	158	206	182	116	206	156
18-Jan		0.139	0.602	0.741	18.8	81.2						
19-Jan		0.153	0.632	0.785	19.5	80.5						
20-Jan		0.144	0.618	0.762	18.9	81.1						
21-Jan		0.142	0.672	0.814	17.4	82.6						
22-Jan		0.135	0.554	0.689	19.6	80.4						
23-Jan		0.143	0.634	0.777	18.4	81.6						
24-Jan		0.151	0.607	0.758	19.9	80.1	223	245	255	182	220	222
25-Jan		0.155	0.702	0.857	18.1	81.9						
26-Jan		0.154	0.706	0.860	17.9	82.1						
27-Jan		0.154	0.621	0.775	19.9	80.1						
28-Jan		0.133	0.588	0.721	18.4	81.6						
29-Jan		0.136	0.552	0.688	19.8	80.2						
30-Jan		0.150	0.526	0.676	22.2	77.8						
31-Jan		0.134	0.547	0.681	19.7	80.3	140	220	200	146	160	204
SUM	3.0	4.634	19.229	23.863								
AVG		0.149	0.620	0.770	19	81	198	224	221	159	174	191
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

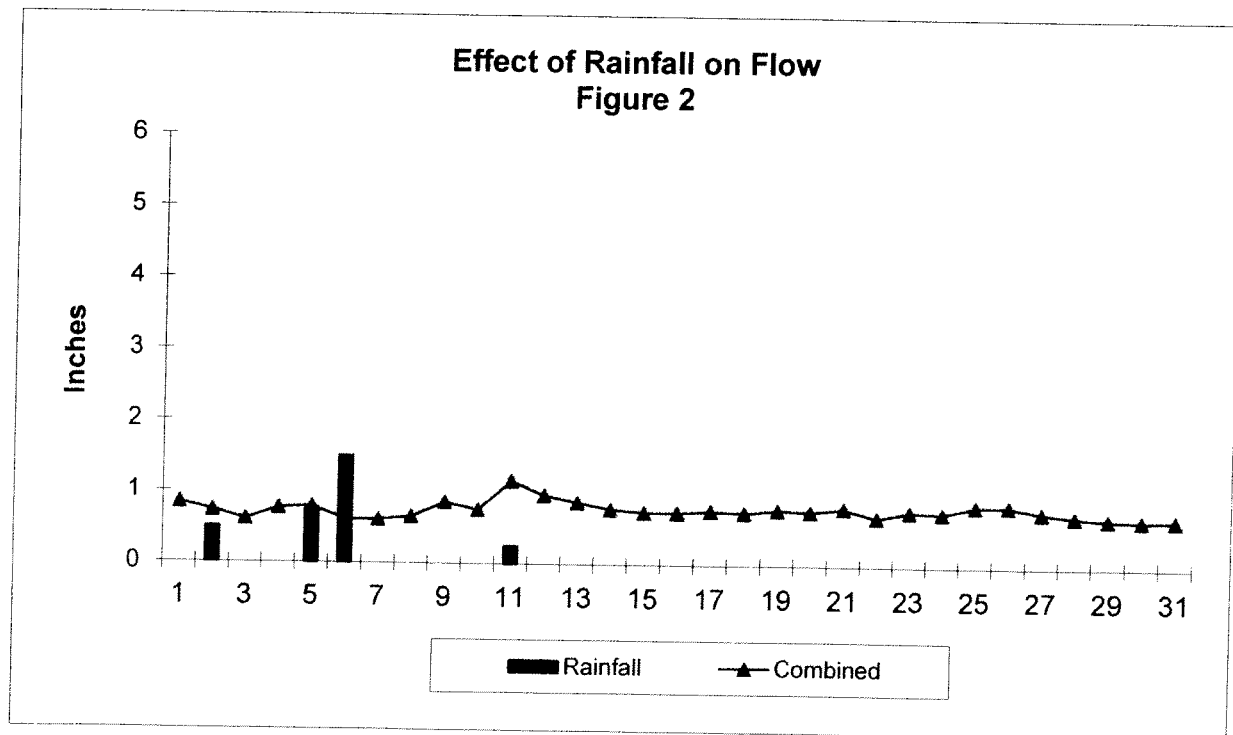
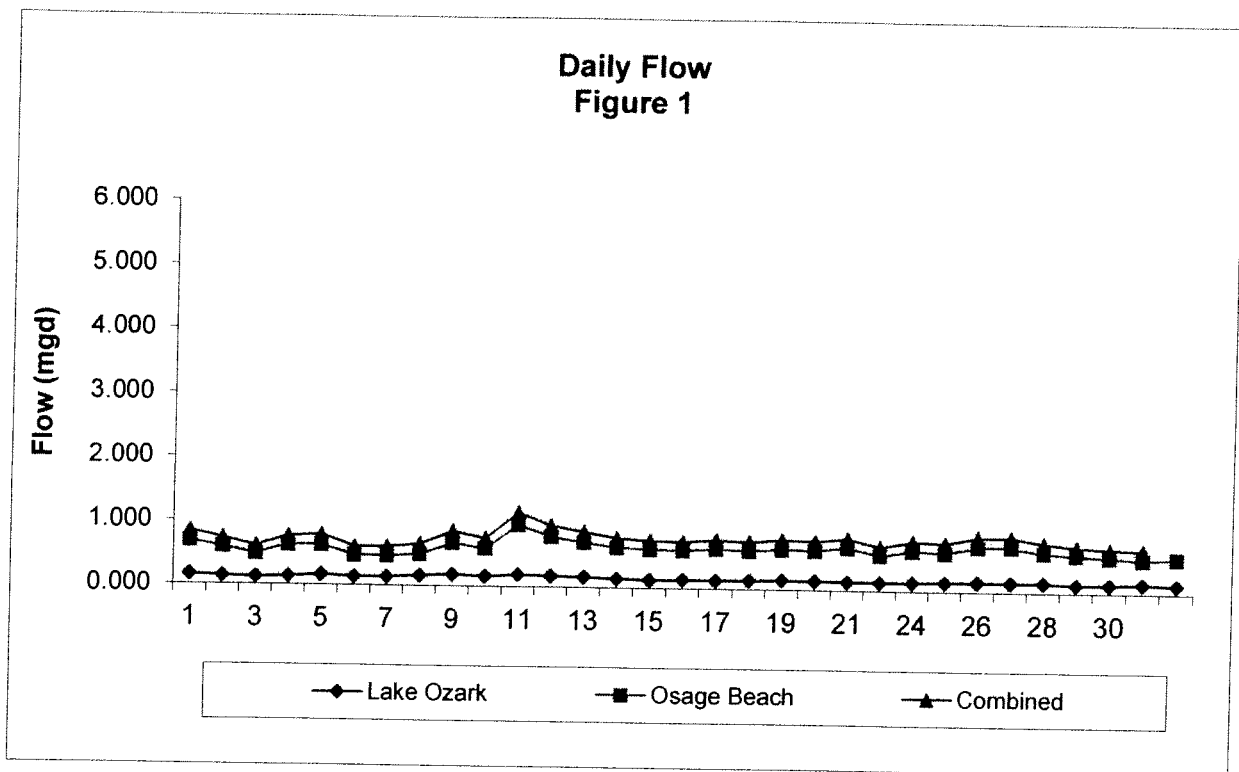
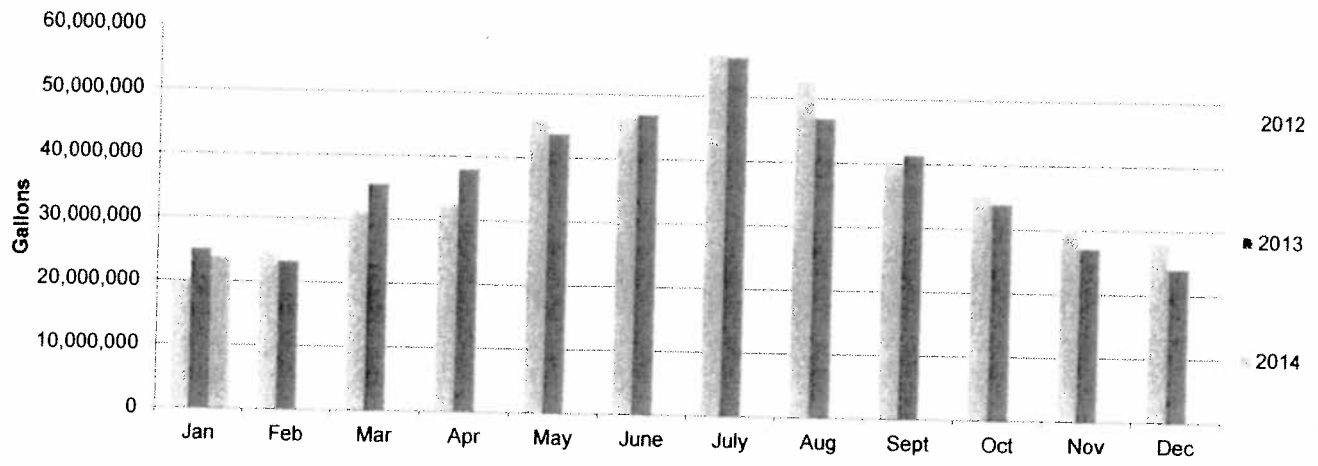


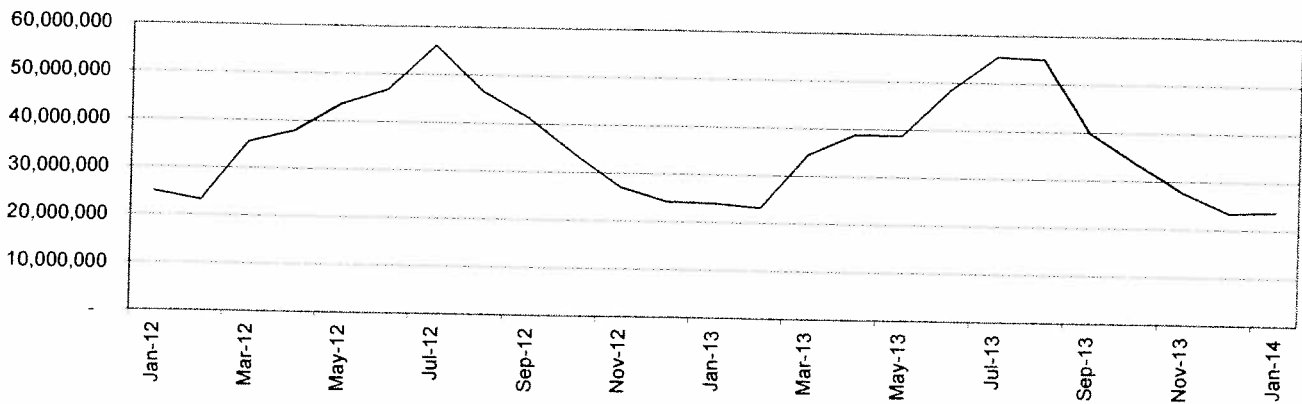
TABLE B
JOINT SEWER BOARD
Monthly Flows

<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							
March							
April							
May							
June							
July							
August							
September							
October							
November							
December							
	3.0	19,229,000	81%	4,634,000	19%	23,863,000	100%

**Monthly Influent Flow
Figure 3A**

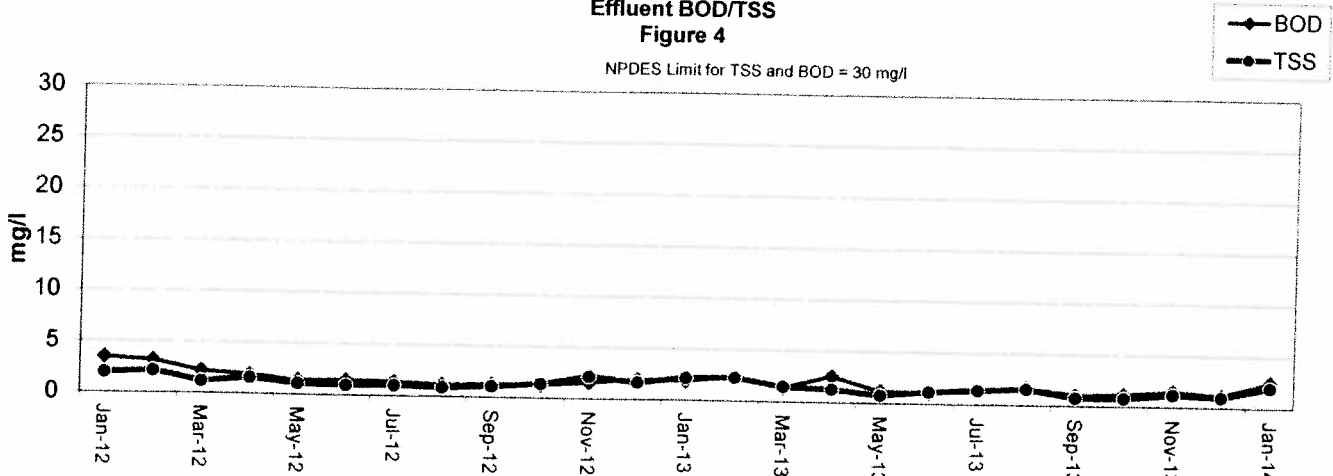


**Monthly Influent Flow
Figure 3B**

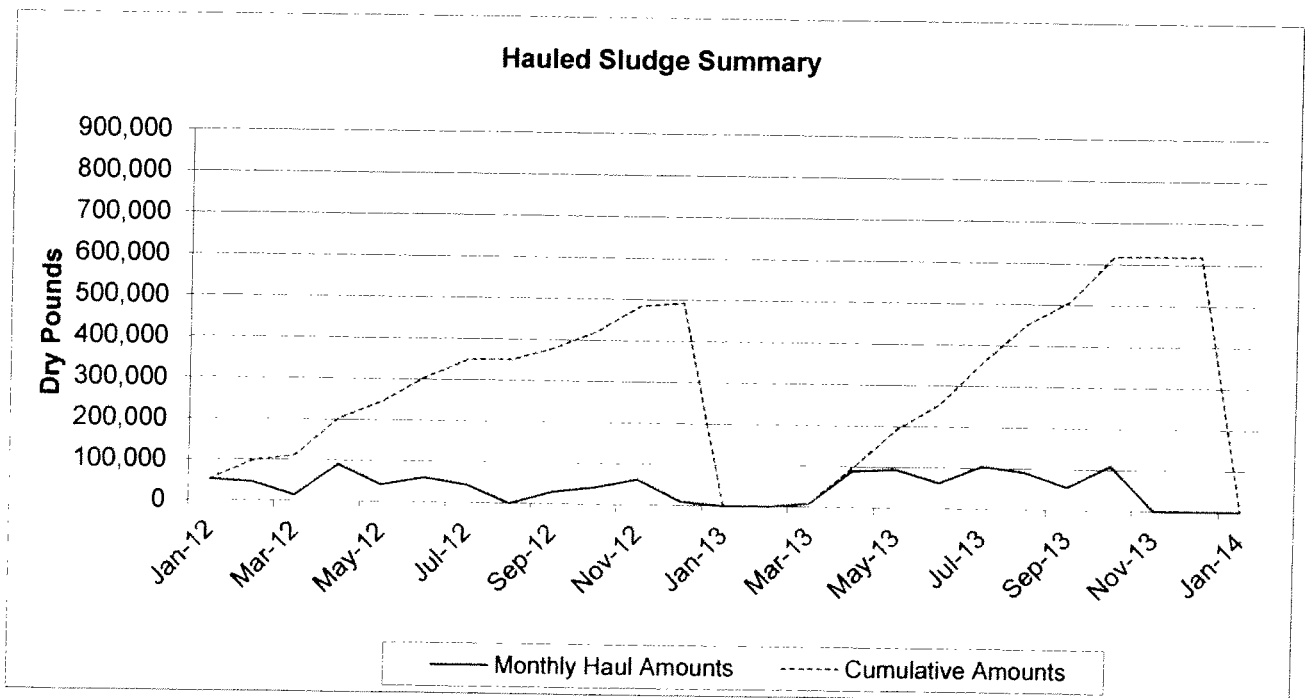
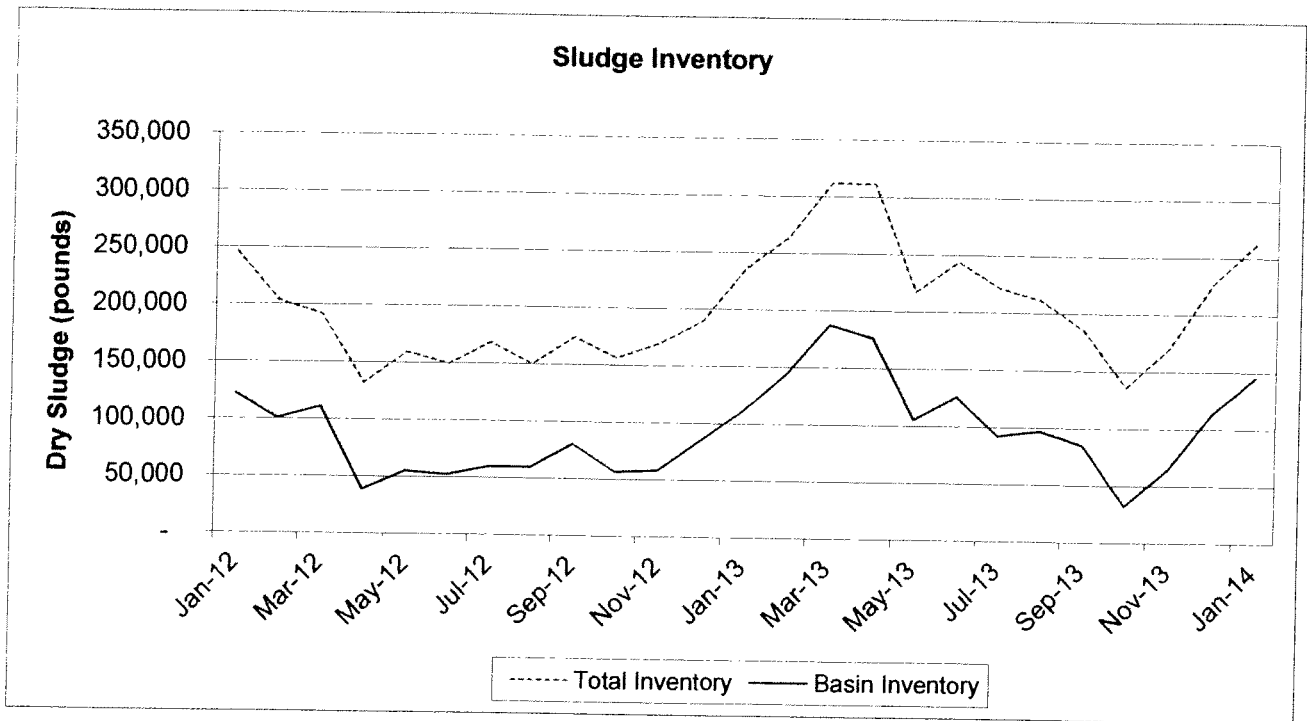


**Effluent BOD/TSS
Figure 4**

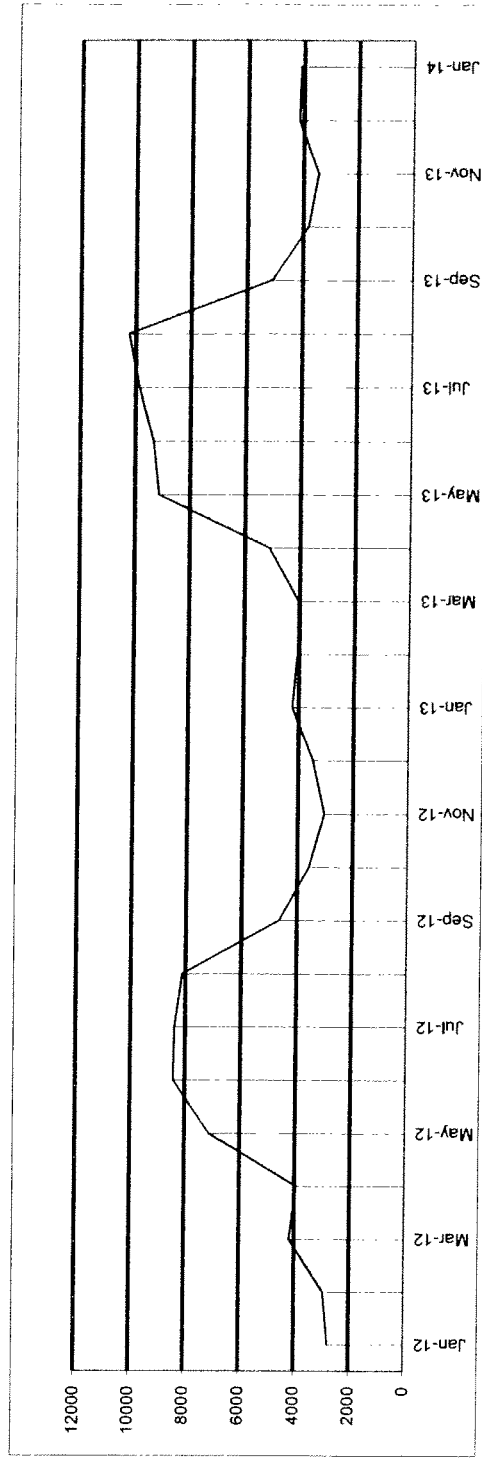
NPDES Limit for TSS and BOD = 30 mg/l



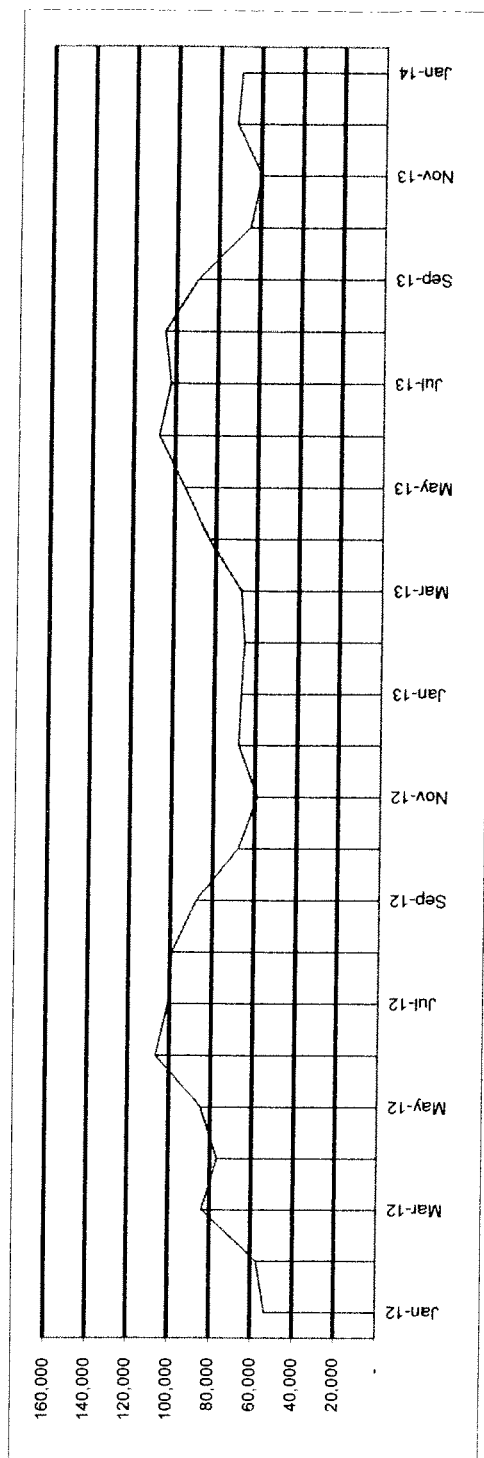
Date	Loads	Hauled Sludge			Basin Depths			Blanket Depths			MLSS Inventory			Blanket and MLSS			Accepted Septage		
		Gallons	# Dry	% Solids	Tank #1	Tank #2	AB #1	AB #2	Clarf #1	Clarf #2	Clarf #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	Loads	Gallons	Inventory
Jan-11	0	-	0	4.5%	5.5	2.5	0.0	0.0	1.0	2.0	0.0	3,520	3,930	3,653,286	113,495	0.00373	19	45,000	248,603
Feb-11	0	-	0	4.5%	6.0	5.0	0.0	0.0	2.5	2.0	0.0	3,580	3,580	3,679,929	109,872	0.00358	6	15,000	295,646
Mar-11	43	159,100	49,803	3.8%	7.5	4.0	0.0	0.0	1.0	1.0	0.5	4,100	3,940	3,657,238	122,615	0.00402	25	59,000	284,608
Apr-11	45	166,500	53,692	3.9%	7.0	4.0	0.0	0.0	2.0	3.0	2.0	3,130	4,540	3,775,666	120,761	0.00394	27	70,300	280,385
May-11	24	88,800	28,051	3.8%	5.5	4.5	0.0	0.0	2.0	2.0	2.5	4,980	3,920	3,779,618	139,958	0.00444	39	101,500	282,108
Jun-11	78	288,600	85,043	3.5%	3.5	5.0	0.0	0.0	3.0	2.0	2.0	3,560	3,560	3,775,666	111,556	0.00353	36	96,000	223,869
Jul-11	138	510,600	150,712	3.5%	4.0	0.0	0.0	0.0	1.5	2.5	1.0	3,740	3,550	3,714,476	112,917	0.00365	51	127,500	166,047
Aug-11	91	336,700	103,837	3.7%	2.0	2.0	0.0	0.0	2.0	2.0	1.5	2,840	3,110	3,736,190	92,700	0.00298	47	118,500	148,212
Sep-11	52	192,400	57,488	3.6%	0.0	1.0	0.0	0.0	2.5	2.5	1.5	2,530	2,900	3,753,952	85,001	0.00272	68	175,000	98,447
Oct-11	33	122,100	45,361	4.5%	0.0	3.0	0.0	0.0	2.0	2.0	2.5	3,470	2,940	3,723,357	99,524	0.00321	17	42,500	149,678
Nov-11	0	-	0	4.5%	6.0	3.0	0.0	0.0	2.0	3.0	2.0	4,610	3,775,666	3,775,666	145,165	0.00461	18	45,500	238,051
Dec-11	5	18,500	3,549	2.3%	6.0	3.0	0.0	0.0	3.0	4.0	0.0	3,850	3,724,334	3,724,334	119,585	0.00385	15	37,500	187,279
Jan-12	46	170,200	51,317	3.6%	5.5	2.5	0.0	0.0	2.0	1.0	0.0	4,060	3,662,167	3,662,167	124,002	0.00406	18	43,500	246,114
Feb-12	42	155,400	46,472	3.6%	4.5	3.0	0.0	0.0	2.0	2.0	1.5	2,890	3,635,524	3,635,524	102,483	0.00338	17	42,500	203,411
Mar-12	12	44,400	14,627	4.0%	5.5	2.0	0.0	0.0	2.0	2.0	2.5	2,870	2,310	3,736,190	81,016	0.0026	39	103,500	192,201
Apr-12	86	318,200	90,939	3.4%	3.0	2.0	0.0	0.0	2.0	2.0	2.0	3,070	3,060	3,788,499	93,682	0.00297	37	86,500	132,264
May-12	47	173,900	42,646	2.9%	2.0	1.0	0.0	0.0	2.0	2.0	1.5	2,890	2,590	3,714,476	96,809	0.00313	26	65,000	159,543
Jun-12	56	207,200	60,513	3.5%	3.0	2.0	0.0	0.0	2.0	2.5	2.5	3,440	3,410	3,705,595	109,093	0.00353	55	138,000	149,378
Jul-12	45	166,500	44,127	3.2%	1.0	3.0	0.0	0.0	2.0	2.0	2.0	3,070	2,910	3,744,064	93,521	0.003	36	80,000	168,725
Aug-12	0	-	0	0.0%	5.0	0.0	0.0	0.0	1.0	3.0	1.0	3,590	3,590	3,757,904	104,365	0.00333	36	80,000	150,030
Sep-12	33	122,100	29,161	2.9%	2.5	2.5	0.0	0.0	2.0	2.0	1.5	3,190	3,320	3,691,785	111,756	0.00324	37	91,500	174,128
Oct-12	40	148,000	41,473	3.4%	4.5	3.0	0.0	0.0	1.5	0.0	1.5	3,650	3,090	3,775,666	99,758	0.00338	33	76,500	169,503
Nov-12	52	192,400	62,487	3.9%	4.5	0.0	0.0	0.0	0.0	5.0	2.0	3,970	2,720	3,697,691	104,081	0.00338	48	120,000	189,459
Dec-12	9	33,300	9,720	3.5%	5.0	1.5	0.0	0.0	4.0	1.5	0.0	4,030	4,010	3,662,167	124,155	0.00407	235	807	235,807
Jan-13	0	-	0	3.5%	6.0	2.5	0.0	0.0	1.5	2.0	0.0	4,120	4,000	3,696,714	119,314	0.00387	26	65,000	263,805
Feb-13	0	-	0	3.5%	6.0	5.0	0.0	0.0	1.0	2.0	1.0	4,000	3,740	3,714,476	123,915	0.004	21	52,500	311,663
Mar-13	8	29,600	8,517	3.5%	8.0	6.5	0.0	0.0	2.0	2.0	1.0	4,030	4,050	3,714,476	123,915	0.004	24	60,000	311,576
Apr-13	74	273,800	89,488	3.9%	6.0	6.0	0.0	0.0	2.5	2.5	2.0	4,620	4,130	3,766,785	135,084	0.0043	36	85,500	217,698
May-13	82	303,400	95,228	3.8%	3.5	4.0	0.0	0.0	3.0	5.0	2.0	3,970	3,040	3,828,952	111,757	0.0035	47	117,500	244,095
Jun-13	54	199,800	62,210	3.7%	6.0	3.0	0.0	0.0	1.0	7.0	2.0	3,850	3,540	3,628,952	117,994	0.0037	58	137,500	221,482
Jul-13	97	358,900	105,164	3.5%	6.0	1.0	0.0	0.0	1.5	2.0	1.0	3,950	4,410	3,705,595	129,161	0.00418	57	142,500	211,218
Aug-13	74	273,800	90,969	4.0%	6.5	0.0	0.0	0.0	2.0	2.5	2.0	3,580	3,680	3,766,785	114,036	0.00363	39	97,500	185,492
Sep-13	48	177,600	56,069	3.8%	5.0	1.0	0.0	0.0	2.0	2.0	1.5	3,150	3,300	3,727,309	100,252	0.00323	32	80,000	136,271
Oct-13	83	307,100	110,472	4.3%	2.0	0.0	0.0	0.0	2.0	2.0	2.0	2,950	3,680	3,757,904	103,885	0.00332	15	37,500	170,811
Nov-13	0	-	0	4.3%	4.0	0.0	0.0	0.0	1.0	0.0	1.0	3,220	3,740	3,661,190	106,259	0.00348	19	47,500	226,887
Dec-13	0	-	0	4.3%	5.0	2.0	0.0	0.0	0.0	0.5	1.0	3,600	3,880	3,652,309	113,921	0.00374	22	54,500	252,633
Jan-14	0	-	0	4.3%	4.0	5.0	0.0	0.0	2.0	2.5	0.0	3,690	3,960	3,679,929	117,392	0.00383			



Electric Cost



Kilowatts Used



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



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							
Jan-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	7.4			10.1	1.288	7.8				6.4		5.7			
2	7.5			7.3	1.213	7.8			1.1	6.8		5.3			
3	7.4	255	218	9.6	1.192	7.8	1.4	1.4		6.2		5	99.5	99.4	
4	7.3			10.4	1.265	7.8				6.8		5.7			
5	7.3			9.3	1.316	7.7				6.6		4.1			
6	7.4			6.5	1.131	7.9				7.4		2.6			
7	7.6			6.8	1.138	7.8				8.7		2.3			
8	7.5			8.4	1.346	7.8				6.8		4			
9	7.5			9.6	1.415	7.8			4.7	7.7		5.3			
10	7.4	213	154	9.8	1.306	7.9	3.8	2.4	3.9	8.2		6.3	98.2	98.4	
11	7.3			10.3	1.404	7.8			2.8	8.2		7.4			
12	7.5			9	1.462	7.9			0.2	11.6		7.4			
13	7.4			9.8	1.282	7.7				8.7		8			
14	7.3			10.8	1.144	7.8			0.06	7.9		8.8			
15	7.5			9.7	1.276	7.8				7.8		7			
16	7.5			9.6	1.241	7.8			0.01	8.5		7.6			
17	7.5	182	156	8.3	1.233	7.8	2.0	1.4		8.9		5.9	98.9	99.1	
18	7.4			9.4	1.194	7.8				8.3		6.8			
19	7.4			8.5	1.296	7.6				7.5		5.8			
20	7.2			9.9	1.217	7.7				6.7		6.8			
21	7.3			9.6	1.245	7.8			0.04	7.4		5.8			
22	7.3			9.4	1.145	7.7				7.9		5.9			
23	7.4			8.5	1.351	7.8			0.03	7.5		4.5			
24	7.5	255	222	7.6	1.350	7.8	3.0	2.4		8.3		3.6	98.8	98.9	
25	7.5			8.7	1.354	7.7				9.4		5.2			
26	7.4			10.2	1.365	7.7				8.9		6.3			
27	7.5			7.9	1.108	7.8				8.5		4			
28	7.6			7.4	1.244	7.8			0.01	11.6		4.3			
29	7.4			7.4	1.274	7.8				8.6		3.7			
30	7.4			9.1	1.187	7.7			0.03	8.2		4.8			
31	7.5	200	204	8.3	1.251	7.6	2.1	2.4		8.3		5.5	99.0	98.8	
Total					39.233										
Avg		221	191	9	1.266		2.5	2.0	1.2	8.1	0.0	5.5	98.9	98.9	
Min	7.2	182	154	7	1.108	7.6	1.4	1.4	0.01	6.2	0.0	2.3	98.2	98.4	
Max	7.6	255	222	11	1.462	7.9	3.8	2.4	4.7	11.6	0.0	8.8	99.5	99.4	

MONTHLY EFFLUENT MONITORING		QUARTERLY EFFLUENT MONITORING	
DATE	Oil & Grease mg/L	Selenium µg/L	Zinc µg/L
1			
2			
3			
4			
5			
6			
7			
8	< 5.0	< 0.010	0.011
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	0.011
Min	< 5.0	0.010	0.011
Max	< 5.0	0.010	0.011

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 Temp ° F	*RAIN inches	Time
		* DO mg/l	** MLSS mg/l	*Settleability		* DO mg/l	** MLSS mg/l	*Settleability				
				*30 min ml	Temp ° C			*30 min ml	Temp ° C			
1		1.1	2,720	300	7.2	1.3	4,000	570	7.4	28		7:30
2		1.8	4,050	590	5.6	5.5	4,140	650	6	14	0.5	7:30
3		1.1	4,190	630	4.8	2.9	3,570	470	5.1	9		7:30
4		1.4	3,320	400	6	2.4	3,600	470	6	31		7:30
5		1.2	3,110	330	5	1.6	3,670	460	5.6	15	0.75	7:30
6		4.4	3,080	340	2	5	3,180	430	2.6	-2	1.5	7:30
7		5.9	3,130	350	2.4	7.5	3,180	390	2.5	-3		7:30
8		4.2	3,200	350	4.2	7.4	2,350	300	3.8	27		7:30
9		1.5	3,360	370	4.7	5.4	2,830	300	4.9	30		7:30
10		1.3	4,440	620	6.5	5.7	2,360	370	5.7	50		7:30
11		2.3	4,000	500	7.7	5.8	3,670	480	7.6	39	0.25	7:30
12		8.7	3,820	490	7.2	10.8	3,600	550	7.1	31		7:30
13		2.7	4,260	500	8.7	5.2	3,340	370	8.8	42		7:30
14		4.6	3,850	490	8.5	4.5	3,430	460	8.4	39		7:30
15		5.2	3,440	420	6.5	5	3,700	450	6.9	25		7:30
16		5.2	3,380	420	7.7	3.4	3,830	620	7.5	35		7:30
17		5.2	3,740	520	5.4	6.5	3,590	520	5.9	23		7:30
18		5.6	3,350	370	6.4	6.5	3,880	560	6.5	36		7:30
19		6.1	3,290	350	6.3	4.9	4,090	580	6.3	26		7:30
20		4.9	3,290	380	7.3	4.2	4,000	500	7.2	30		7:30
21		5.4	3,300	380	6.2	4.7	4,020	600	6.2	15		7:30
22		6.8	3,510	420	5.9	4.9	3,700	570	6.1	27		7:30
23		5.8	3,980	500	4.4	6.2	3,550	450	4.7	9		7:30
24		6.1	3,990	650	3.6	7.4	3,150	400	3.6	11		7:30
25		6.6	3,780	500	5.4	6.5	3,610	520	5.5	37		7:30
26		4.3	3,870	450	6.4	5.9	3,720	500	6.3	42		7:30
27		5.4	3,210	380	4.9	5.1	4,060	710	5.5	15		7:30
28		9.4	3,650	580	3.9	6.7	4,070	720	4.6	11		7:30
29		6.5	3,380	460	3.4	5.9	3,990	780	3.6	9		7:30
30		6.8	3,900	600	4.9	6.1	3,840	650	5.2	32		7:30
31		5.3	3,690	540	5.9	4.4	3,960	620	6.1	33		7:30
COMMENTS:												

COMMENTS:

TESTS PERFORMED BY (PRINT) Frank Hendricks	SIGNATURE <i>Frank Hendricks</i>	PHONE # (573)365-0455	DATE 2/6/2014
REPORT APPROVED BY (PRINT) Gary Hutchcraft	SIGNATURE <i>Gary Hutchcraft</i>	PHONE # (573)365-0455	DATE 2/6/2014

***Required Daily (Monday / Friday)**

****Required 1/week**

for JANUARY 2014

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

Date 2/6/2014