

**OSAGE BEACH/LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
May 17, 2011
5:15 p.m.**

@**LAKE OZARK CITY HALL******

1. CALL TO ORDER

2. ROLL CALL

Committee Members

Penny Lyons, Mayor, Osage Beach
Johnnie Franzeskos, Mayor, Lake Ozark
Nancy Viselli, City Administrator, Osage Beach
Dave VanDec, City Administrator, Lake Ozark
Don Langley, Alderman, Lake Ozark
Ron Schmitt, Alderman, Osage Beach
Rick King, Public Works Director, Osage Beach
Matt Michalik, Public Works Director, Lake Ozark
Gary Hamner

Non- Members:

Karri Bell, Treasurer, Osage Beach
Julie Huttenlocker, Joint Sewer Clerk, Lake Ozark
Gary Hutchcraft, Plant Manager
Gary Anger, Alliance Water Resources

3. MINUTES

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4. REPORTS

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5. OLD BUSINESS

6. NEW BUSINESS

7. DISCUSSION

8. ADJOURNMENT

THE NEXT MEETING WILL BE JUNE 21, 2011 @ 5:15 PM @ LAKE OZARK CITY HALL

LAKE OZARK - OSAGE BEACH
Joint Sewer Board
MINUTES OF MEETING
April 19, 2011

CALL TO ORDER: Mayor Penny Lyons called the meeting to order @ 5:15 P.M., at Lake Ozark City Hall.

ROLL CALL:

Committee Persons Present:

Mayor Penny Lyons, OB
Mayor Johnnie Franzekos, LO
Nancy Viselli, City Administrator, OB
Dave Van Dee, City Administrator, LO
Ron Schmitt, Alderman, OB
Rick King, Public Works Director, OB
Matt Michalik, Public Works Director, LO
Gary Hamner

Committee Members Absent:

Don Langley, Alderman, LO

Others Present:

Gary Hutchcraft, Plant Manager
Karri Bell, Treasurer, OB
Julie Huttenlocker, Joint Sewer Clerk
Ed Rucker, Osage Beach City Attorney

ADOPTION OF PREVIOUS MINUTES:

Mayor Penny Lyons asked for a motion to approve the March 15, 2011 Minutes. Public Works Director Matt Michalik made a motion to approve the minutes; second by Mayor Johnnie Franzekos. All present voted aye, motion carried.

BILLS:

City Administrator Nancy Viselli made a motion to approve the Bills List, second by Mayor Johnnie Franzekos. All present voted aye, motion carried.

Some discussion occurred on page 9, regarding the backup motor for the Clarifier number 1 and 2.

REPORTS:

REVENUE BUDGET ANALYSIS

Members reviewed. No Discussion occurred

EXPENDITURE BUDGET ANALYSIS

Members reviewed. Some discussion occurred on page 16 regarding the cost of the **16 Channel Auto Dialer**.

INCOME & EXPENSE SUMMARY/ER FUND ANALYSIS

Members reviewed. Some discussion occurred on page 15 regarding the decrease in amounts for the **2011 Actual as of 3/31/2011** column; Treasurer Karri Bell stated that there must have been a miss calculation and she will check with Mike Welty.

BALANCE SHEET

Members Reviewed. No discussion.

CHECK REGISTERS

Members reviewed. No discussion.

ALLIANCE REPORT & FLOW CHARTS:

The average daily incoming flow for March 2011 was 1.008 mgd. We had 4.7 inches of precipitation measured at the WWTP in March 2011.

Operationally, the plant's discharge was excellent, with an effluent monthly average BOD and TSS of 2.5 mg/l and 2.1 mg/l respectively for March 2011. This represented better than a 98.9% or better removal.

The MLSS combined average for both aeration basins was 4,020mg/l in March 2011. The total dry weight sludge inventory for March 2011 totaled 284,608 pounds. Plant Personal was able to land apply 43 loads of biosolids in February 2011.

Mayor Penny Lyons then asked for a motion to approve the February Alliance Reports and Flow Reports. Board Member Gary Hamner made a motion to approve the Alliance Reports and Flows, second by Mayor Johnnie Franzekos. All voted aye, motion carried.

OLD BUSINESS:

A. Review and further discussion of the New Service Area Connection Policy of the Joint Sewer Board of the Cities of Lake Ozark and Osage Beach:

Discussion occurred between Mayor Penny Lyons and City Attorney Ed Rucker regarding whether the Joint Board would need to do an Ordinance and whether there was a need for a Signature Page on the policy, Mr. Rucker stated there was no need for neither. City Administrator Viselli requested to have Mr. Rucker put; *Adopted by the Joint Sewer Board and a date of when it is adopted* on the Policy.

A motion was then made to approve the Policy by Mayor Johnnie Franzekos; second by City Administrator Nancy Viselli. All present voted aye, Motion carried.

NEW BUSINESS:

Mayor Penny Lyons informed Members that Mr. Steve Mauer who is the Joint Sewer Board Attorney for the Quarry Litigation is switching firms and has asked if the Joint Sewer Board would like to transfer their case with him and continue using Mr. Mauer and his new firm.

A. Discussion of 3% APR Energy Loans provided by DNR for all Water and Wastewater Facilities:

City Administrator Nancy Viselli stated that Alderman Ron Schmidt requested to have this put on the agenda for discussion. Gary Hutchcraft explained that they work with company's all through the State, one particular is ED1, Hutchcraft stated that they will come to the Plant and do a cost comparison study on the Oxidation Ditch and the Aeration verses their type and they will show you how much you can save, Hutchcraft stated that if the Board is interested they will come in next month and give a presentation, Hutchcraft also stated that they are partners with Ameren UE and can get the Board a rebate in energy savings. Members suggested it would be a good idea to listen to presentation. Further discussion occurred between Members, no action was taken.

DISCUSSION:

City Attorney Ed Rucker suggested sending a letter to Mr. Mauer stating that the Board agrees to continue with him and his new firm, Members agreed.

ADJOURNMENT

Osage Beach Mayor Penny Lyons adjourned meeting at 5:34 pm.

Next Meeting: May 17, 2011 at 5:15 P.M at Lake Ozark City Hall.

Penny Lyons, Mayor

Julie Huttenlocker, Joint Sewer Clerk

JOINT SEWER BOARD

BILL LIST

May 17, 2011

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	26,161.18
OPERATING FUND BILLS TO BE PAID:	\$	7,850.80
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	-
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$	-
TOTAL		\$ 34,011.98

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Check	Paid To:	Description:	Amount:
4185	3092	Ameren Missouri	Electric	\$ 4,374.11
4170	3093	Alliance Water Resources, Inc.	Management Fee	\$ 21,787.07
TOTAL				\$ 26,161.18

OPERATING FUND BILLS TO BE PAID:

Account	Check	Paid To:	Description:	Amount:
4000	3094	Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.17
4010	3095	Equipment Replacement Fund	New Basin -Loan Payment	\$ 2,330.12
4020	3096	Alliance Water Resources, Inc.	Repair/Main	\$ 324.40
4160	3097	Alliance Water Resources, Inc.	Waste Hauling Fees	\$ 1,356.00
4220	3098	Bryan Cave LLC	Magruder	\$ 373.11
TOTAL				\$ 7,850.80

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

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

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

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



Please Return This Portion With Your Payment.

AMOUNT DUE	DUE DATE
\$3,954.44	Apr 20, 2011
AMOUNT PAYABLE AFTER May 2, 2011	ACCOUNT NUMBER
\$4,013.76	45800-05832

Amount Enclosed \$ _____



>00529 0065006 0001 092139
 ALLIANCE WATER RESOURCES INC
 ACCTS PAYABLE
 206 S KEENE ST
 COLUMBIA, MO 65201

00529 1 MB 0.382 MIX 630



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

40600000 0045800058302 000003954440 000003954440

Keep This Portion For Your Records

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

BILL DATE	Apr 8, 2011
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TOTAL AMOUNT DUE BY	Apr 20, 2011	\$3,954.44
DELINQUENT AFTER	May 2, 2011	\$4,013.76

Payment Received on Mar 22, 2011 \$3,477.33

TYPE OF READING	METER NUMBER	SERVICE FROM TO	NO. DAYS	METER READING		READING DIFFERENCE	METER MULTIPLIER	THERM FACTOR	USAGE	R D
				PREVIOUS	PRESENT					
Total kWh	11673321	03/08-04/06	29	3499.0000	3981.0000	482.0000	160.0000		77120.0000	A
Peak kW	11673321	03/08-04/06	29	0.0000	0.9070	0.9070	160.0000		145.1200	A

Service To			SUMMARY			Service To		
Total kWh	04/06/2011	77120.0000	Peak kW	04/06/2011	145.1000			
Total Billing Demand	04/06/2011	145.1000	October Winter Base kW	04/06/2011	177.6000			
Winter Base Demand	04/06/2011	145.1000	Base kWh Ratio	04/06/2011	1.0000			
Base kWh (HUD)	04/06/2011	77120.0000	Seasonal kWh (HUD)	04/06/2011	0.0000			

METERED ELECTRIC SERVICE BILLING

Rate 3M Large General Service	Service From	To	03/08/2011	04/06/2011
Seasonal Energy Charge			0.00 kWh @ \$0.03260000	\$0.00
Demand Charge			145.10 kW @ \$1.54000000	\$223.45
Base Energy Chg / Hours Used	21,765.00 kWh		@ \$0.05600000	\$1,218.84
Base Energy Chg / Hours Used	29,020.00 kWh		@ \$0.04150000	\$1,204.33
Base Energy Chg / Hours Used	26,335.00 kWh		@ \$0.03260000	\$858.52
Customer Charge				\$79.89
Rider FAC Adjustment	77,120.00 kWh		@ \$0.00479000	\$369.41
Total Service Amount				\$3,954.44

Current Amount Due	\$3,954.44
Prior Amount Due	\$0.00
Total Amount Due	\$3,954.44

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



00529 0065008 000624 000625 00001/00002




Please Return This Portion With Your Payment.

Pure Power

AMOUNT DUE	DUE DATE
\$355.02	Apr 20, 2011
AMOUNT PAYABLE AFTER May 2, 2011	ACCOUNT NUMBER
\$360.35	55800-05920

Amount Enclosed \$ _____

>00529 0065006 0001 092139
 ALLIANCE WATER RESOURCES INC
 ACCTS PAYABLE
 206 S KEENE ST
 COLUMBIA, MO 65201


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

APR 11 2011

90633000 0055800059200 000000355020 000000355020

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	Apr 8, 2011
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TOTAL AMOUNT DUE BY	Apr 20, 2011	\$355.02
DELINQUENT AFTER	May 2, 2011	\$360.35

Payment Received on Mar 22, 2011 \$279.87

TYPE OF READING	METER NUMBER	SERVICE FROM TO	NO. DAYS	METER READING PREVIOUS	METER READING PRESENT	READING DIFFERENCE	METER MULTIPLIER	THERM FACTOR	USAGE	R D
Total kWh	56982621	03/08-04/06	29	20343.0000	27268.0000	6925.0000	1.0000		6925.0000	A
Peak kW	56982621	03/08-04/06	29	0.0000	63.8200	63.8200	1.0000		63.8200	A

Service To		SUMMARY		Service To	
Total kWh	04/06/2011	6925.0000	Winter Base kWh	04/06/2011	1000.0000
Current Base kWh	04/06/2011	1000.0000	Seasonal kWh	04/06/2011	5925.0000

METERED ELECTRIC SERVICE BILLING

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

Service From 03/08/2011 To 04/06/2011

Base Energy Charge	1,000.00 kWh @ \$.06860000	\$68.60
Seasonal Energy Charge	5,925.00 kWh @ \$.03960000	\$234.63
Customer Charge		\$18.61
Rider FAC Adjustment	6,925.00 kWh @ \$.00479000	\$33.18
Total Service Amount		\$355.02

Current Amount Due	\$355.02
Prior Amount Due	\$0.00
Total Amount Due	\$355.02

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.



00529 0065006 000625 000002/000002

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: 4876

Invoice Date: 01-May-11

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Wastewater Plant operating service for month of: May-11 Base Fee	\$21,787.07
TOTAL DUE		\$21,787.07

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: 4906
Invoice Date: 01-May-11
Customer No: 20220
Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	CED - 1 Invoice - 50%	\$67.54
	John Henry Foster - 1 Invoice - 50%	\$256.86
TOTAL DUE		\$324.40



CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC.

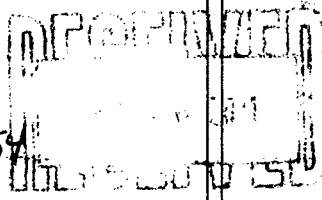
C.E.D. HWY 54
6589 HIGHWAY 54
OSAGE BEACH, MO 65065-3373
T:573 348-4441 F:573 302-7441

INVOICE NO	INVOICE DATE
0950-483942	04/20/11
PLEASE SHOW INVOICE NO. AND REMIT TO:	
P.O. BOX 978 COLUMBIA, MO 65205-0978 T:573 876-8049 F:573 876-8040	

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

SHIP TO: ALLIANCE WATER RESOURCES
6589 HWY 54
OSAGE BEACH, MO 65065

ACCOUNT NO. 62-01585		JOB NAME AND ADDRESS PER GARY			CUSTOMER ORDER NO. PER GARY		
SALESPERSON 1233 EF		SHIPPING INFORMATION PREPAID		SHIP VIA WILL CALL		SHIP DATE 04/19/11	
QUANTITY ORDERED	PRODUCT CODE	DESCRIPTION	QUANTITY ORDERED	PRICE	DISC.	EXTENSION	
2 SQD	90230	2P-120/240V-30A CB *RETURNED	*2	17.22E		34.4410	
3 BLSS	FRSR100	600V RK TD FUSE	3	43.75E		131.2520	
1 LEV	515PK	RUBBER GRND PLUG 15 AMP	1	382.16C		3.8220	
<p>GL Acct#: <u>62705-20¹77/63 1220-20¹67.54</u></p> <p>Signature: <u><i>Larry Hutchcraft</i></u></p> <p>Date: <u>4/26/11</u></p>							
TITLE TO MERCHANDISE PASSES AT POINT OF SHIPMENT. CLAIMS FOR SHORT OR DAMAGED MERCHANDISE SHOULD BE MADE TO CARRIER.		CODE TO ADVISE YOU PROMPTLY CONCERNING YOUR ORDER. THIS CODE IS USED ON OUR INVOICES. B - BACK ORDERED. WILL SHIP AS SOON AS RECEIVED UNLESS INSTRUCTED TO CANCEL. C - CANCELLED. NOT IN STOCK. UNABLE TO PURCHASE LOCALLY.			MERCHANDISE SALES TAX .47		169.51
MERCHANDISE RETURNED WITHOUT OUR CONSENT WILL NOT BE ACCEPTED. A RESTOCKING CHARGE WILL BE MADE ON RETURNED GOODS UNLESS DEFECTIVE OR THRU ERROR ON OUR PART.		CASH DISCOUNT 3.05 OFF TOTAL DUE (INCLUDING SALES TAX) IF PAID BY THE 10TH OF THE MONTH FOLLOWING PURCHASE.			SHIPPING CHARGE		12.67
A SERVICE CHARGE OF 1% PER MONTH, BUT NOT TO EXCEED THE HIGHEST AMOUNT LAWFULLY ALLOWED BY CONTRACT IN THIS STATE, WILL BE MADE ON ALL PAST DUE ACCOUNTS.					TOTAL DUE		182.18
TERMS AND CONDITIONS OF SALE ON REVERSE SIDE OF ORIGINAL INVOICE.					*RETURN		- 37.01



FORM NO. 1000X

ORIGINAL INVOICE

Pay \$145.17



John Henry Foster

Invoice #	01051201
Page #	1
Date	04/11/2011

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

www.jhf.com
Ph (314) 427-0600
Fax (314) 427-3502

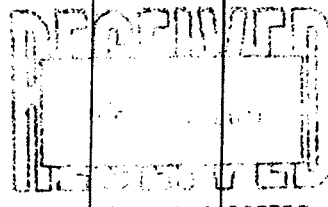
We accept Visa, Mastercard, and American Express

** 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	04/08/2011	Neil Burton	Net 20 Days	03/30/2011	
JHF Order #	Order Entered By	Placed By	Ship Via		
01314128	Dave Doyle (314) 593-1220	GARY HUTCHCRAFT	UPS		
Part Number / Description	Ordered	Shipped	Backorder	Price Ea.	Extension
11134-00760 ORIGA OSP SERVICE PACK SLOW SPEED GREASE Direct from Vendor Note: LEAD-TIME 1 WEEK TO SHIP ARO	2	2	0	245.77	491.54




GL Acct#: 6705-20¹298.73 1220-20 \$256.86
Signature: *Gary Hutchcraft*
Date: 4/13/11



*If you're using any of these,
we need to talk about fittings!*

Brass • Steel • Stainless



Review and place orders at www.jhf.com/				
	Subtotal	Freight	Sales Tax	TOTAL
	491.54	20.18	43.87	555.59

QF-03-02 10-1-2005

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

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: 4873

Invoice Date: 30-Apr-11

Customer No: 20220

Terms: 30 days

SOLD TO:

Lake Ozark/Osage Beach Joint Utility Board
 c/o Karri Bell
 City of Osage Beach
 1000 City Parkway
 Osage Beach, MO 65065

REFERENCE	DESCRIPTION	AMOUNT
	Hauled waste payments for the month of Apr-11	
	26 Hauled Waste Loads @ \$50.00 each	\$1,300.00
	1 Hauled Waste Load @ \$56.00 each	\$56.00
TOTAL DUE		\$1,356.00

Zerger | Mauer_{LLP}

Steven E. Mauer
semauer@zergemaue.com

April 14, 2011

Ms. Nancy Viselli
City of Osage Beach
1000 City Parkway
Osage Beach, Missouri 65065

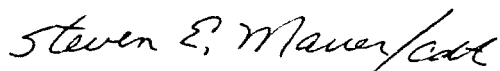
Re: Billing Statement

Dear Nancy:

Accompanying this letter is a billing statement from Bryan Cave LLP. Pursuant to my partnership agreement, I am trying to finalize billing statements for Bryan Cave. These statements represent work performed before transfer files to Zerger & Mauer LLP. I anticipate there may be one more following bill representing payments owed to Bryan Cave LLP.

Please let me know if you have any questions or comments. Thank you for your time and attention.

Very truly yours,



Steven E. Mauer

SEM/cdt
Enclosure



Bryan Cave LLP Atlanta | Charlotte | Chicago | Dallas | Hamburg | Hong Kong | Irvine | Jefferson City | Kansas City | Los Angeles | Milan | New York
 Paris | Phoenix | San Francisco | Shanghai | St. Louis | Washington, DC | and Bryan Cave, A Multinational Partnership London | www.bryancave.com

EMPLOYER IDENTIFICATION NUMBER: 43-0602162

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

April 15, 2011
 Invoice # 9958424
 Client # C012795
 Matter # 0213819

REMITTANCE ADVICE

BALANCE FORWARD:

Balance per Statement Dated February 4, 2011	\$	0.36	
Payments and Other credits		0.00	
BALANCE FORWARD		\$	0.36

CURRENT CHARGES

Fees for Legal services	\$	280.00	
Expenses and Other Charges		92.75	
TOTAL CHARGES THIS INVOICE	\$	372.75	
STATEMENT TOTAL	\$	373.11	

OUR RECORDS SHOW THESE INVOICES OUTSTANDING AS OF April 15, 2011

Balance Outstanding on Inv. 9939082 (Dated 02/04/11) 0.36

INVOICE DUE UPON RECEIPT

PLEASE INCLUDE THE CLIENT, MATTER OR INVOICE NUMBER WITH ALL YOUR PAYMENTS (CHECK OR WIRE TRANSFER)
 PLEASE RETURN REMITTANCE ADVICE WITH PAYMENT IN THE ENCLOSED ENVELOPE AND MAIL TO
 BRYAN CAVE LLP, P.O. BOX 503089, ST. LOUIS, MO 63150-3089
 OR WIRE TRANSFER FUNDS TO BANK OF AMERICA, N.A., ROUTING #0260-0959-3 ACCOUNT #100101007976
 THANK YOU

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

Account Number	Account Name	4/30/2011				Percent YTD
		2009 Actual	2010 Actual	2011 Budget	2011 Actual as of 4/30/2011	
3020	Osage Beach	497,506.57	407,036.02	396,900.00	131,062.70	33%
3010	Lake Ozark	88,558.73	92,130.61	93,100.00	32,270.63	35%
3100	Interest	47.88	136.11	100.00	289.16	289%
3060	Waste Haulers' Fee	45,240.00	41,630.00	38,000.00	9,972.00	26%
3030	Misc Income Gen Grant	209.40	0.00	0.00	25.00	0%
Total Operating Fund		631,562.58	540,932.74	528,100.00	173,619.49	33%
E/R Fund Income		1,183.30	1,645.40	1,000.00	355.74	36%
TOTAL INCOME		632,745.88	542,578.14	529,100.00	173,975.23	33%

**MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
4/30/2011**

Account Number	Account Name	2009 Actual	2010 Actual	2011 Budget	2011 Actual as of 4/30/2011	2011 April Expenses	Percent YTD
4000	Equipment Replace Fund	41,606.04	41,606.04	42,000.00	13,868.68	3,467.17	33%
4010	ERF Repayment	27,961.44	27,961.44	27,961.44	9,320.48	2,330.12	33%
4020	**Maintenance & Repair	34,052.32	15,611.62	57,000.00	1,073.33	384.85	2%
4140	Insurance	16,305.00	16,211.00	17,000.00	0.00	0.00	0%
4150	Vehicle Repair/Maint	5,906.73	2,660.05	3,000.00	571.21	161.43	19%
4160	Haulers Fees to Contractor	8,600.00	8,000.00	8,000.00	2,400.00	1,200.00	30%
4170	Contract Management	308,837.65	312,836.20	265,000.00	92,228.02	21,787.07	35%
4185	Electric	0.00	0.00	65,000.00	7,304.21	3,757.20	11%
4190	Miscellaneous	0.00	0.00	0.00	0.00	0.00	0%
4200	Audit	1,550.00	1,600.00	1,650.00	0.00	0.00	0%
4220	***Professional Service	155,052.28	24,828.71	30,000.00	3,744.18	0.00	12%
4240	*Capital Purchases	5,339.49	1,659.40	12,000.00	6,192.91	3,848.38	52%
	Totals	605,210.95	452,974.46	528,611.44	136,703.02	36,936.22	26%
	**E/R Expenses	41,562.00	31,809.73	10,000.00	1,523.00	0.00	15%
	TOTAL EXPENSES	646,772.95	484,784.19	538,611.44	138,226.02	36,936.22	26%
	***Professional Services:						
	Engineering Consulting Fee/Backup Generator		5,000.00				8,000.00
	Normal/Magruder Lawsuit		25,000.00	Paid 04/11	Pressure Washer/Steam Clean		4,000.00
			<u>30,000.00</u>	Paid 03/11	Unbudgeted Lab Equip. Purchase		<u>12,000.00</u>
							2,344.53
	**Maintenance & Repair						
	UV Spare Parts						5,000.00
	Replace Wooden drs w/ Fiberglass						4,000.00
	Rock for Road						2,000.00
	Normal Maintenance						6,000.00
	#2 Aeration Basin Main.						<u>40,000.00</u>
							57,000.00

OPERATING FUND INCOME AND EXPENSE SUMMARY
4/30/2010

Beginning Balance	203,930.57
Income - Osage Beach	32,540.38
Income - Lake Ozark	8,292.96
Income - Other	0.00
Income - Waste Haulers' Fees	2,712.00
Interest - Checking	8.88
Income - CD Interest	249.32
Transfers From E/R Fund	0.00
Transfers to E/R fund	-5,797.29
Expenses	-27,381.73
 Ending Fund Balance	 214,555.09
 NOW Account - Central Bank	 114,305.77
CD First National Bank, 1.00%, 07/10/11 #000049	100,249.32
Outstanding Checks:	
Deposit in Transit:	0.00
	214,555.09

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
4/30/2010

Beginning Balance	190,330.93
Interest - Checking	9.45
Transfers From E/R Fund	5,797.29
Transfers to E/R Fund	0.00
Income - CD Interest	278.25
Income - Miscellaneous	0.00
Expenses	0.00
 Ending Fund Balance	 196,415.92
 NOW Account - First Bank	 84,533.81
CD First National Bank, 1.00%, 07/10/11 #000048	111,882.11
Deposit in Transit	0.00
Outstanding Checks:	0.00
	196,415.92

**OPERATING FUND
BALANCE SHEET
4/30/2010**

		DEBITS	CREDITS	
ASSETS	CASH AND INVESTMENTS	214,555.09		
ACCOUNTS PAYABLE	DUE TO E.R. FUND - BASIN		68,746.29	
EQUITY	FUND BALANCE		145,808.80	
TOTAL OPERATING FUND		214,555.09	214,555.09	-

**EQUIPMENT REPLACEMENT FUND
BALANCE SHEET
4/30/2010**

		DEBITS	CREDITS	
ASSETS	CASH AND INVESTMENTS	196,415.92		
ACCOUNTS RECEIVABLE	DUE FROM OPERATING FUND - BASIN	68,746.29		
EQUITY	FUND BALANCE		265,162.21	
TOTAL EQUIPMENT REPLACEMENT FUND		265,162.21	265,162.21	-

Operating Fund

CHECK REGISTER - JOINT SEWER BOARD OPERATION FUND

	reconciled balance 12/31/10			177,938.26
3068	Alliance Water Resources, Inc.	X	21,787.07	156,151.19
3069	ER Fund Transfer	X	3,467.17	152,684.02
3070	ER Fund Loan Payment	X	2,330.12	150,353.90
3071	Alliance Water Resources, Inc.	X	87.50	150,266.40
3072	CD		100,000.00	50,266.40
	Deposit	X		7,149.70
	Deposit	X		33,383.63
	Deposit	X		3,800.00
	Interest	X		14.18
	reconciled balance 1/31/11			94,613.91
3073	Alliance Water Resources, Inc.	X	21,787.07	72,826.84
3074	ER Fund Transfer	X	3,467.17	69,359.67
3075	ER Fund Loan Payment	X	2,330.12	67,029.55
3076	Alliance Water Resources, Inc.	X	637.77	66,391.78
3077	Alliance Water Resources, Inc.	X	900.00	65,491.78
3078	Bryan Cave	X	2,572.82	62,918.96
3079	Bryan Cave	X	1,171.00	61,747.96
3080	Ameren Missouri	X	3,547.01	58,200.95
	Deposit	X		7,837.31
	Deposit	X		32,996.02
	Deposit	X		900.00
	Interest	X		7.61
	reconciled balance 2/28/11			99,941.89
3081	Alliance Water Resources, Inc.	X	26,866.81	73,075.08
3082	ER Fund Transfer	X	3,467.17	69,607.91
3083	ER Fund Loan Payment	X	2,330.12	67,277.79
3084	Alliance Water Resources, Inc.	X	2,717.52	64,560.27
3085	Alliance Water Resources, Inc.	X	300.00	64,260.27
3086	Alliance Water Resources, Inc.	X	3,757.20	60,503.07
	Deposit	X		8,990.66
	Deposit	X		31,842.67
	Deposit	X		2,585.00
	Interest	X		9.17
	reconciled balance 3/31/11			103,930.57
3087	Alliance Water Resources, Inc.	X	21,787.07	82,143.50
3088	ER Fund Transfer	X	3,467.17	78,676.33
3089	ER Fund Loan Payment	X	2,330.12	76,346.21
3090	Alliance Water Resources, Inc.	X	4,394.66	71,951.55
3091	Alliance Water Resources, Inc.	X	1,200.00	70,751.55
	Deposit	X		8,292.96
	Deposit	X		32,540.38
	Deposit	X		2,712.00
	Interest	X		8.88
	reconciled balance 4/30/11			114,305.77



EFFECTIVE JUNE 1, 2011: MANUAL TELEPHONE TRANSFERS WILL BE \$2.00 PER TRANSFER. ACCOUNT ACTIVITY PRINTOUTS \$2.00. RESEARCH/ACCOUNT BALANCING FEE IS \$30.00 PER HOUR.



Central Bank
of Lake of the Ozarks

MEMBER FDIC

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

001913

Return Service Requested



Period 04/01/2011-04/29/2011 Page 1 of 2

Web Address www.cbolobank.com

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

M 000007297 M 5

Your Financial Summary on April 29, 2011

Account Balances & Other Assets

Checking	\$ 114,305.77
Total	\$ 114,305.77

Detailed Explanation of Account Balances and Other Assets

Basic Plus Interest Checking

No. 000007297	Beginning Balance March 31, 2011	\$ 103,930.57			
Deposits					
Apr. 18 Deposit		8,292.96			
Apr. 18 Deposit		32,540.38			
Apr. 29 Deposit		2,712.00			
Apr. 29 Interest Earned		8.88			
	Total	+\$ 43,554.22			
Checks					
Check No.	Date Paid	Amount	Check No.	Date Paid	Amount
3087	Apr. 15	21,787.07	3090	Apr. 25	4,394.66
3088	Apr. 26	3,467.17	3091	Apr. 25	1,200.00
3089	Apr. 26	2,330.12			
	Total				-\$ 33,179.02
	Ending Balance April 29, 2011				\$ 114,305.77

Number of days since last statement/interest cycle 30
Beginning and ending dates for calculation of statement/interest cycle are 04/01/2011 through 04/30/2011
Average collected balance 108,040.00
Interest rate 0.10%
Annual percentage yield earned 0.10%

CHECK REGISTER - JOINT SEWER BOARD EQUIPMENT REPLACEMENT FUND

				39,788.23
	reconciled balance 4/30/10			
	Interest	X	3.20	39,791.43
	Deposit	X	5,797.29	45,588.72
	reconciled balance 5/31/10			45,588.72
	Interest	X	5.24	45,593.96
	Deposit	X	5,797.29	51,391.25
	reconciled balance 6/30/10			51,391.25
	Interest	X	6.55	51,397.80
	Deposit	X	5,797.29	57,195.09
	reconciled balance 7/31/10			57,195.09
1117	Alliance Water Resources	X	1,641.03	55,554.06
	Interest	X	7.66	55,561.72
	Deposit	X	5,797.29	61,359.01
	reconciled balance 8/31/10			61,359.01
	Interest	X	7.76	61,366.77
	Deposit	X	5,797.29	67,164.06
	reconciled balance 9/30/10			67,164.06
	Interest	X	8.12	67,172.18
	Deposit	X	5,797.29	72,969.47
	reconciled balance 10/31/10			72,969.47
1118	Spray Com Utilities	X	18,750.00	54,219.47
1119	GLW	X	2,998.70	51,220.77
	Interest	X	9.26	51,230.03
	Deposit	X	5,797.29	57,027.32
	reconciled balance 11/30/10			57,027.32
	Interest	X	7.65	57,034.97
	Deposit	X	5,797.29	62,832.26
	reconciled balance 12/31/10			62,832.26
1120	Denny's Dock Service	X	1,523.00	61,309.26
	Interest	X	8.24	61,317.50
	Deposit	X	5,797.29	67,114.79
	reconciled balance 1/31/11			67,114.79
	Interest	X	8.03	67,122.82
	Deposit	X	5,797.29	72,920.11
	reconciled balance 2/28/11			72,920.11
	Interest	X	9.67	72,929.78
	Deposit	X	5,797.29	78,727.07
	reconciled balance 3/31/11			78,727.07
	Interest	X	9.45	78,736.52
	Deposit	X	5,797.29	84,533.81
	reconciled balance 4/30/11			84,533.81



4558 Hwy 54, Suite 100
 Osage Beach, MO 65065
 (573) 348-2265

009 00010 26
 ACCOUNT: 100395311
 DOCUMENTS: 1
 PAGE: 1
 04/29/2011

89

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

=====

THE LAKE OZARK BRANCH WILL BE CLOSING ON APRIL 30, 2011

=====

BUSINESS MMDA ACCOUNT 100395311

=====

LAST STATEMENT 03/31/11 78,727.07
 2 CREDITS 5,806.74
 DEBITS .00
 THIS STATEMENT 04/29/11 84,533.81

----- DEPOSITS -----
 REF #.....DATE.....AMOUNT REF #.....DATE.....AMOUNT REF #.....DATE.....AMOUNT
 04/25 5,797.29

----- OTHER CREDITS -----
 DESCRIPTION DATE AMOUNT
 INTEREST 04/29 9.45

----- I N T E R E S T -----

AVERAGE LEDGER BALANCE: 79,726.60 INTEREST EARNED: 9.45
 AVERAGE AVAILABLE BALANCE: 79,326.78 DAYS IN PERIOD: 29
 INTEREST PAID THIS PERIOD: 9.45 ANNUAL PERCENTAGE YIELD EARNED: .15%
 INTEREST PAID 2011: 35.39

----- ITEMIZATION OF OVERDRAFT AND RETURNED ITEM FEES -----

 * | TOTAL FOR | TOTAL *
 * | THIS PERIOD | YEAR TO DATE *

 * TOTAL OVERDRAFT FEES: | .00 | .00 *

 * TOTAL RETURNED ITEM FEES: | .00 | .00 *

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



**OPERATING
DIVISIONS**

MISSOURI

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

REPORT OF OPERATIONS

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

Month of April 2011

Submitted by Alliance Water Resources, Inc. for the

May 2011

Joint Sewer Board Meeting

IOWA

- Maquoketa
- Tipton

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 have occurred to waters of the state. No work related lost time accidents have occurred during the month.

Detailed information relating to plant performance and operations is presented as follows.

PLANT EFFLUENT QUALITY

	<u>BOD</u> <u>mg/l</u>	<u>TSS</u> <u>mg/l</u>	<u>pH</u>	<u>Fecal Coliform</u> <u>Colonies/100 ml</u>
Monthly Average	1.7	1.1	NA	< 20
Peak Day	2.1	2.4	7.9	< 20
Percent Removal	99.4	99.5	NA	NA

NPDES EFFLUENT LIMITATIONS

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

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 1.082 MGD or 36% 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 79962 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 45 tanker loads of bio-solids during the month equivalent to a total of 166,500 gallons and 53,692 pounds dry weight solids.

103,495 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 7.0 feet in Tank 1 and 4.0 feet in Tank 2.

WASTEHAULERS

The plant received 27 loads of septage during the month totaling 70,300 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 came in on the 19th and noticed that the RAS flow meters were not working properly so we went to the headwork's bldg. and found that one side/leg of the main breaker feeding the flow meters had no power. After troubleshooting it we found that one side/leg of the main breaker was bad. We had 2 spare breakers, so we hooked the main power wires up to them and back feed the breaker until we got another main ordered. We found a replacement from Evans Electric and should have it in around the 1st of April.

SAFETY

- We conducted our monthly routine Poison Ivy and Insect Bites on the 12th of April.

REGULATORY AGENCY, INSPECTION AND REPORTS

- Mailed DMR to MDNR on the 6th of May.

MISCELLANEOUS AND RECOMMENDATIONS

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF April 2011

DATE	RAIN FALL IN.	FLOW					BOD 5 MG/L			TSS MG/L		
		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		0.173	0.628	0.801	21.6	78.4	220	365	228	182	382	198
2-Apr		0.194	0.770	0.964	20.1	79.9						
3-Apr		0.197	0.833	1.030	19.1	80.9						
4-Apr	0.25	0.189	0.838	1.027	18.4	81.6						
5-Apr		0.151	0.639	0.790	19.1	80.9						
6-Apr		0.163	0.628	0.791	20.6	79.4						
7-Apr		0.160	0.637	0.797	20.1	79.9						
8-Apr		0.165	0.720	0.885	18.6	81.4	225	258	238	184	182	218
9-Apr		0.183	0.882	1.065	17.2	82.8						
10-Apr		0.204	0.994	1.198	17.0	83.0						
11-Apr	0.3	0.207	0.893	1.100	18.8	81.2						
12-Apr		0.155	0.731	0.886	17.5	82.5						
13-Apr		0.157	0.713	0.870	18.0	82.0						
14-Apr		0.163	0.746	0.909	17.9	82.1						
15-Apr	2	0.312	1.276	1.588	19.6	80.4	280	155	278	186	172	192
16-Apr	0.25	0.372	1.361	1.733	21.5	78.5						
17-Apr		0.237	0.980	1.217	19.5	80.5						
18-Apr		0.191	0.878	1.069	17.9	82.1						
19-Apr		0.166	0.961	1.127	14.7	85.3						
20-Apr		0.164	0.770	0.934	17.6	82.4						
21-Apr		0.162	0.690	0.852	19.0	81.0						
22-Apr	0.75	0.216	0.951	1.167	18.5	81.5	255	298	373	194	200	356
23-Apr		0.248	1.039	1.287	19.3	80.7						
24-Apr	0.25	0.239	0.950	1.189	20.1	79.9						
25-Apr		0.184	0.771	0.955	19.3	80.7						
26-Apr	1	0.308	1.385	1.693	18.2	81.8						
27-Apr		0.233	0.977	1.210	19.3	80.7						
28-Apr		0.222	0.834	1.056	21.0	79.0						
29-Apr		0.218	0.850	1.068	20.4	79.6	223	305	360	140	264	238
30-Apr		0.225	0.974	1.199	18.8	81.2						
SUM	4.8	6.158	26.299	32.457								
AVG		0.205	0.877	1.082	19	81	241	276	295	177	240	240
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

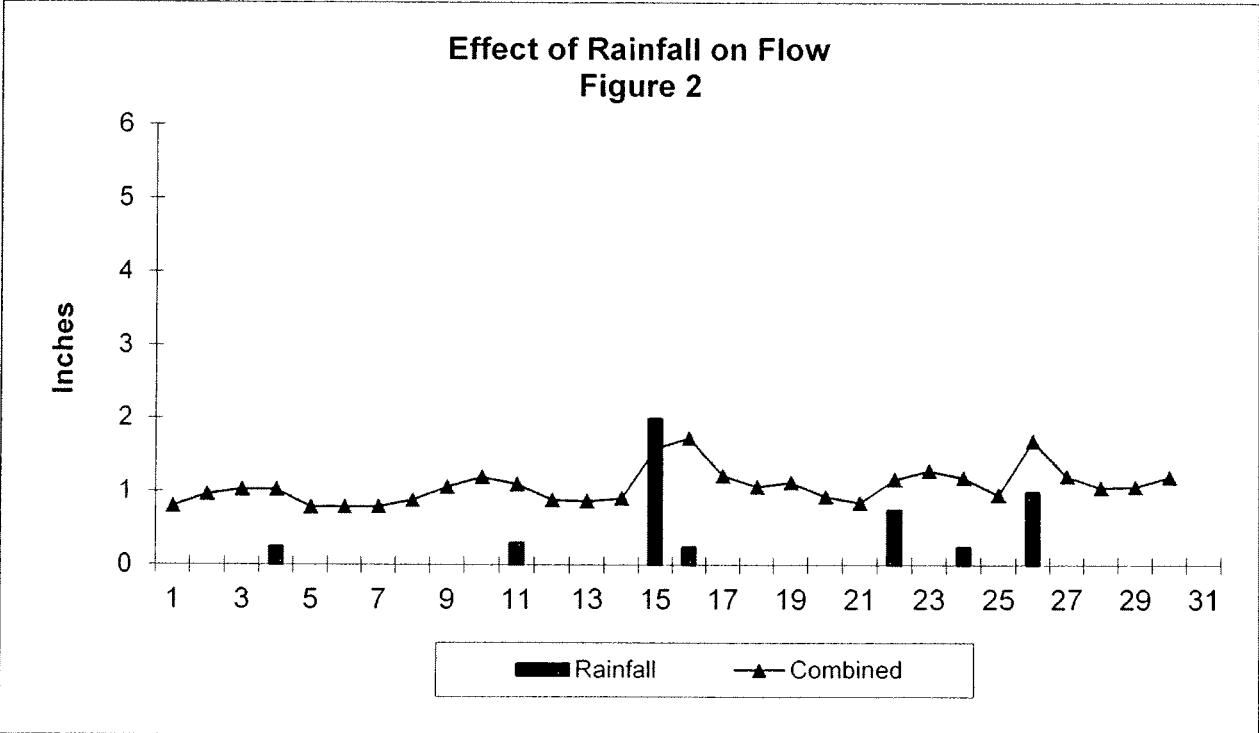
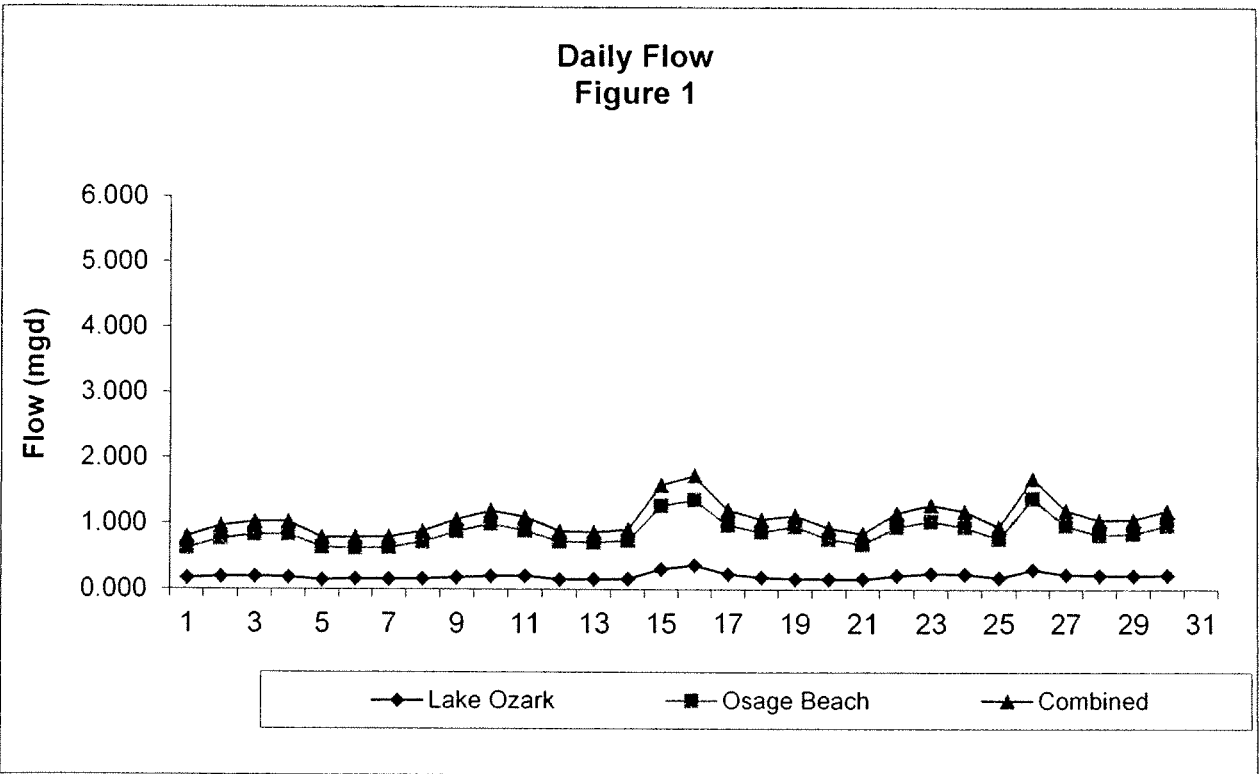


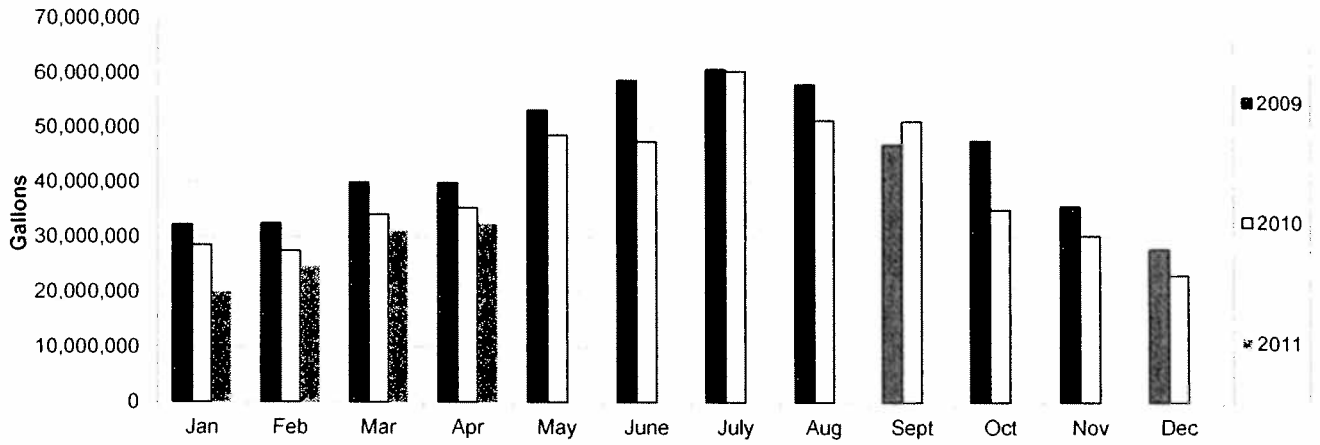
TABLE B
JOINT SEWER BOARD
Monthly Flows

<u>2009</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	0.8	27,603,000	86%	4,633,000	14%	32,236,000	100%
February	3	28,264,000	87%	4,216,000	13%	32,480,000	100%
March	4.5	34,287,000	86%	5,701,000	14%	39,988,000	100%
April	4.6	33,832,000	85%	6,093,000	15%	39,925,000	100%
May	11	44,780,000	84%	8,533,000	16%	53,313,000	100%
June	10	49,564,000	84%	9,253,000	16%	58,817,000	100%
July	4.1	51,683,000	85%	9,198,000	15%	60,881,000	100%
August	3.7	49,673,000	86%	8,413,000	14%	58,086,000	100%
September	5.2	38,768,000	82%	8,243,000	18%	47,011,000	100%
October	11.8	39,271,000	82%	8,484,000	18%	47,755,000	100%
November	4.8	29,057,000	81%	6,697,000	19%	35,754,000	100%
December	3.5	21,993,000	79%	5,887,000	21%	27,880,000	100%
	67.0	448,775,000	84%	79,464,000	16%	534,126,000	100%

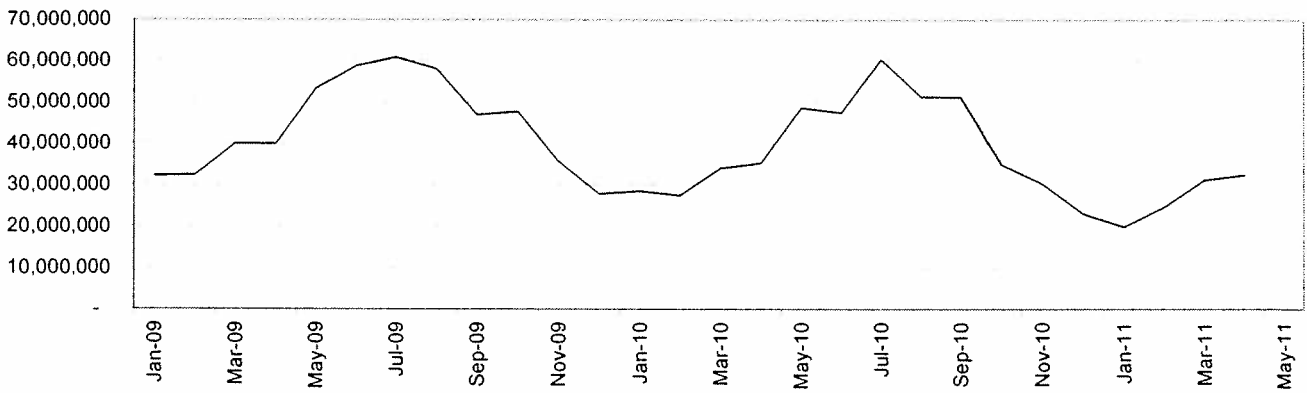
<u>2010</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	3.6	22,407,000	78%	6,144,000	22%	28,551,000	100%
February	2.8	21,783,000	79%	5,753,000	21%	27,536,000	100%
March	3.8	27,636,000	81%	6,500,000	19%	34,136,000	100%
April	3.6	28,951,000	82%	6,386,000	18%	35,337,000	100%
May	10.2	39,970,000	82%	8,765,000	18%	48,735,000	100%
June	4.4	39,496,000	83%	8,067,000	17%	47,563,000	100%
July	6.2	50,636,000	84%	9,837,000	16%	60,473,000	100%
August	2.7	42,922,000	83%	8,532,000	17%	51,454,000	100%
September	13.2	42,731,000	83%	8,532,000	17%	51,263,000	100%
October	0.4	28,896,000	82%	6,177,000	18%	35,073,000	100%
November	4.8	25,040,000	82%	5,315,000	18%	30,355,000	100%
December	0.4	18,634,000	81%	4,426,000	19%	23,060,000	100%
	55.9	389,102,000	82%	80,008,000	18%	473,536,000	100%

<u>2011</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	0.8	15,566,000	78%	4,395,000	22%	19,961,000	100%
February	4.8	19,737,000	80%	5,030,000	20%	24,767,000	100%
March	4.7	25,055,000	80%	6,183,000	20%	31,238,000	100%
April	4.8	26,299,000	81%	6,158,000	19%	32,457,000	100%
May							
June							
July							
August							
September							
October							
November							
December							
	15.1	86,657,000	80%	21,766,000	20%	108,423,000	100%

Monthly Influent Flow
Figure 3A

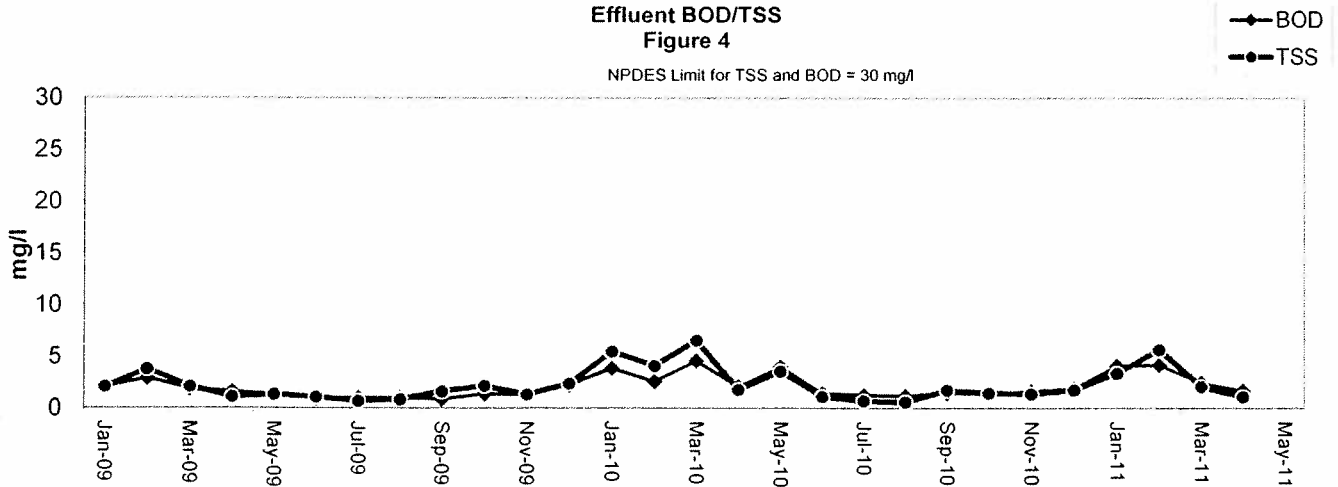


Monthly Influent Flow
Figure 3B



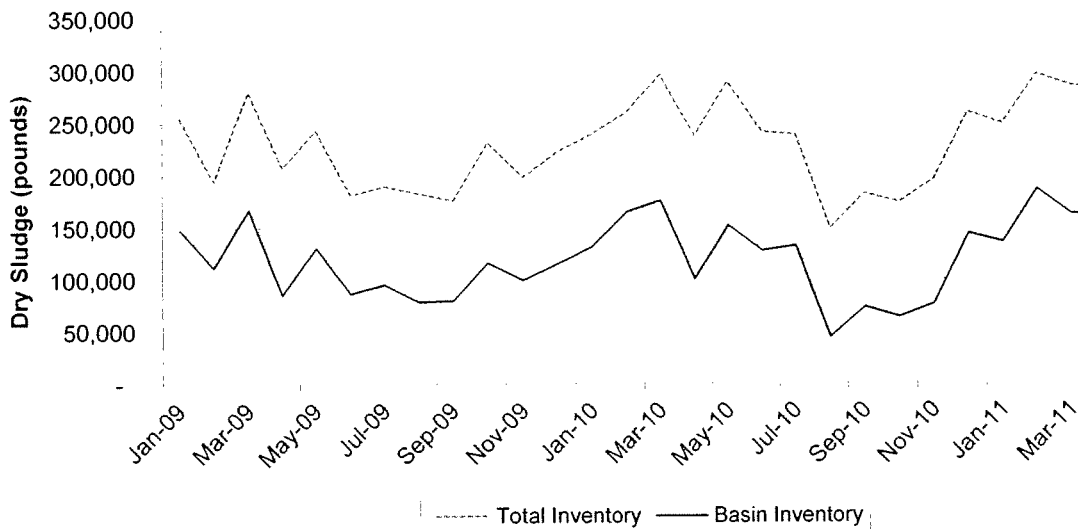
Effluent BOD/TSS
Figure 4

NPDES Limit for TSS and BOD = 30 mg/l

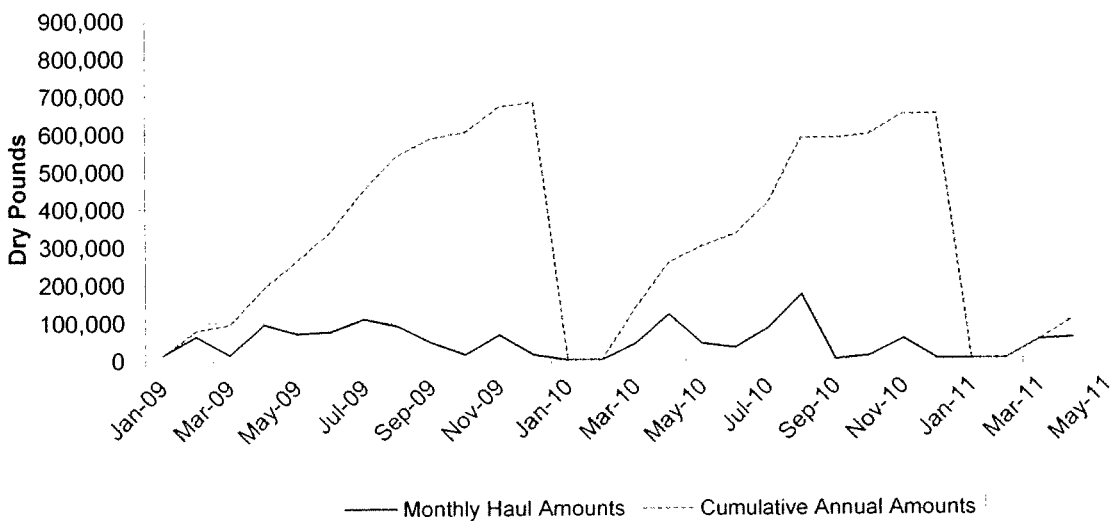


Date	Loads		Hauled Sludge		Annual Cumulative # Dry		Basin Depts		Blanket Depts		MLSS Inventory		Blanket and MLSS Inventor		MLSS		Total Dry		
	Loads	Gallons	# Dry	% Solids	Tank #1	Tank #2	AB #1	AB #2	AB #1	AB #2	Clarf #1	Clarf #2	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	% Solids	Studge Inventory
Jan-09	12	44,400	14,627	4.0%	6.0	4.0	0.0	0.0	0.0	0.0	0.0	3,220	3,860	3,617,762	106,809	0.00374	0.00354	235,066	
Feb-09	53	196,100	65,018	4.0%	5.0	2.5	0.0	0.0	0.0	0.5	0.0	1,840	3,640	3,608,981	82,469	0.00214	0.00214	194,369	
Mar-09	12	44,400	15,738	4.3%	5.5	5.0	0.0	0.0	0.0	1.0	1.0	3,330	4,110	3,657,238	112,855	0.0037	0.0037	280,337	
Apr-09	82	303,400	96,032	3.8%	5.0	1.0	0.0	0.0	0.0	3.0	0.0	4,260	3,360	3,696,714	122,089	0.00396	0.00396	207,549	
May-09	53	196,100	71,251	4.4%	5.5	2.5	0.0	0.0	0.0	1.0	1.0	3,380	3,350	3,678,952	111,991	0.00365	0.00365	242,793	
Jun-09	70	259,000	76,875	3.6%	4.5	2.0	0.0	0.0	0.0	0.5	1.0	2,5	2,880	3,735,213	94,545	0.00304	0.00304	181,364	
Jul-09	70	259,011	110,008	5.1%	5.0	0.0	0.0	0.0	0.0	0.0	0.0	3,040	2,910	3,791,474	94,072	0.00298	0.00298	189,635	
Aug-09	84	310,800	90,568	3.5%	4.5	1.5	0.0	0.0	0.0	1.0	1.0	2,910	3,890	3,678,952	104,320	0.0034	0.0034	182,999	
Sep-09	43	159,100	47,213	3.6%	6.0	0.0	0.0	0.0	0.0	0.5	0.5	3,750	2,820	3,617,762	96,098	0.00319	0.00319	176,221	
Oct-09	13	48,100	14,626	3.6%	6.5	2.0	0.0	0.0	0.0	1.0	1.0	3,040	3,720	3,635,524	115,217	0.0038	0.0038	231,526	
Nov-09	57	210,900	66,838	3.8%	6.0	1.0	0.0	0.0	0.0	2.0	1.0	2,640	3,820	3,653,286	98,413	0.00323	0.00323	198,242	
Dec-09	10	37,000	13,577	4.4%	5.0	2.0	0.0	0.0	0.0	2.0	2.0	3,320	3,600	3,714,476	107,196	0.00345	0.00345	222,774	
Jan-10	0	-	-	4.4%	5.0	3.0	0.0	0.0	0.0	1.0	1.0	3,640	3,460	3,635,524	107,637	0.00351	0.00351	239,743	
Feb-10	0	-	-	4.4%	7.0	5.5	0.0	0.0	0.0	1.0	1.0	3,310	2,910	3,653,286	94,757	0.00311	0.00311	259,889	
Mar-10	37	136,900	42,800	3.7%	6.0	1.0	0.0	0.0	0.0	1.0	0.0	3,940	3,890	3,682,904	120,251	0.00392	0.00392	286,109	
Apr-10	101	373,700	119,328	3.8%	6.0	1.0	0.0	0.0	0.0	1.0	1.0	4,440	4,380	3,731,261	137,234	0.00441	0.00441	237,818	
May-10	31	114,700	43,047	4.5%	6.0	3.0	0.0	0.0	0.0	1.5	4.5	2.0	3,930	4,750	3,793,428	137,305	0.00434	0.00434	289,302
Jun-10	30	111,000	31,506	3.4%	7.0	3.0	0.0	0.0	0.0	1.0	1.0	3,650	3,770	3,678,952	113,832	0.00371	0.00371	241,559	
Jul-10	68	251,600	82,206	3.9%	8.0	1.0	0.0	0.0	0.0	2.0	1.0	3,650	3,250	3,696,714	106,366	0.00345	0.00345	238,692	
Aug-10	141	521,700	171,540	3.9%	3.0	0.0	0.0	0.0	0.0	2.5	1.5	3,250	3,520	3,714,476	104,708	0.00338	0.00338	149,097	
Sep-10	0	-	-	3.9%	2.5	2.5	0.0	0.0	0.0	2.0	2.0	3,300	3,750	3,714,476	109,045	0.00352	0.00352	182,229	
Oct-10	9	33,300	8,517	3.1%	4.0	1.5	0.0	0.0	0.0	2.0	0.0	3,460	3,680	3,704,618	110,301	0.00357	0.00357	173,603	
Nov-10	39	144,300	54,094	4.5%	4.5	0.0	0.0	0.0	0.0	1.5	2.5	4,050	3,640	3,738,190	119,654	0.00384	0.00384	195,565	
Dec-10	0	-	-	4.5%	4.5	4.0	0.0	0.0	0.0	2.0	2.0	3,700	3,890	3,671,048	116,037	0.00379	0.00379	259,589	
Jan-11	0	-	-	4.5%	5.5	2.5	0.0	0.0	0.0	1.0	2.0	3,520	3,930	3,653,286	113,495	0.00373	0.00373	248,603	
Feb-11	0	-	-	4.5%	6.0	5.0	0.0	0.0	0.0	2.5	2.0	4,100	3,580	3,679,929	109,872	0.00358	0.00358	295,646	
Mar-11	43	159,100	49,803	3.8%	7.5	4.0	0.0	0.0	0.0	1.0	1.0	3,940	3,940	3,657,238	122,615	0.00402	0.00402	284,608	
Apr-11	45	166,500	53,692	3.9%	7.0	4.0	0.0	0.0	0.0	2.0	3.0	3,130	4,540	3,775,666	120,761	0.00384	0.00384	280,385	

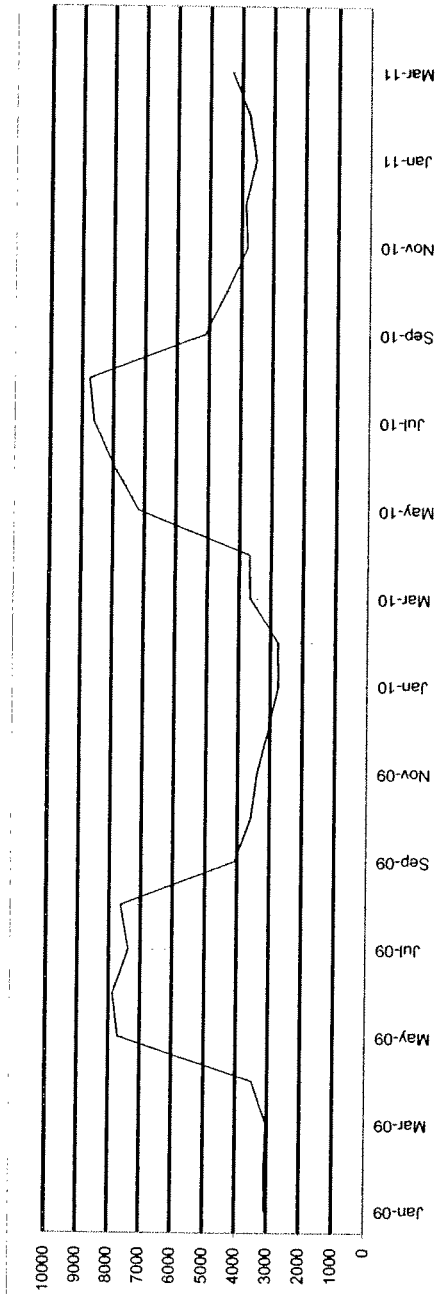
Sludge Inventory



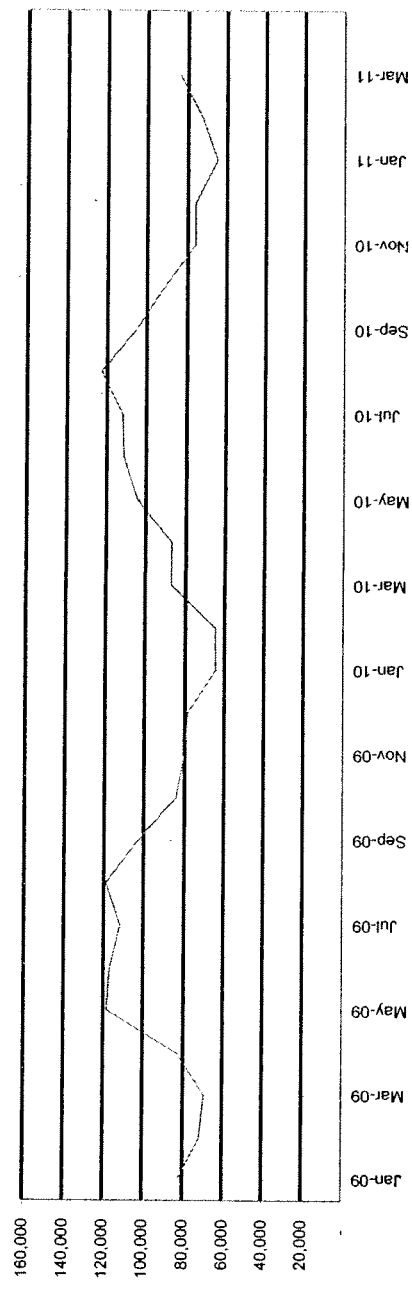
Hauled Sludge Summary



Electric Cost



Kilowatts Used



Month Electric Cost Kilowatts Used

Jan-09	3068	82,567
Feb-09	3090	71,761
Mar-09	3040	69,590
Apr-09	3502	83,325
May-09	7699	118,303
Jun-09	7873	116,962
Jul-09	7400	111,912
Aug-09	7651	119,019
Sep-09	4089	102,892
Oct-09	3582	84,384
Nov-09	3399	80,485
Dec-09	3061	78,719
Jan-10	2747	64,648
Feb-10	2771	64,964
Mar-10	3640	87,123
Apr-10	3679	87,091
May-10	7182	104,323
Jun-10	7977	111,383
Jul-10	8613	112,010
Aug-10	8770	122,995
Sep-10	5151	105,347
Oct-10	4454	91,462
Nov-10	3815	76,006
Dec-10	3880	76,007
Jan-11	3547	65,206
Feb-11	3757	72,752
Mar-11	4309	84,045



**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-11		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	228	198	11.4	1.255	7.8	2.0	1		7.2		10	99.1	99.5
2	7.3			12.2	1.319	7.5				7.5		11.3		
3	7.3			13.2	1.403	7.7				6.4		12.2		
4	7.4			13.8	1.280	7.7				5.7		14.2		
5	7.3			12	1.207	7.9				6.7	< 20	11.8		
6	7.2			13.2	1.104	7.8				6.4		12.3		
7	7.3			13.1	1.104	7.8			0.06	7.1		12.5		
8	7.2	238	218	14.4	1.272	7.8	1.7	0.6		6.4		14.4	99.3	99.7
9	7.3			14.9	1.229	7.7				6.2		16.1		
10	7.3			15.8	1.513	7.7				5.6		16.9		
11	7.2			15.3	1.472	7.8				6.3	< 20	16.9		
12	7.2			14.6	1.349	7.8				7.5		16.4		
13	7.3			15	1.058	7.8				6.9		15.8		
14	7.3			15.2	1.287	7.8			0.05	6.4		16.6		
15	7.3	278	192	15.8	2.036	7.8	1.4	0.4		5.8		16	99.5	99.8
16	7.3			13.3	2.265	7.7				7.3		13.4		
17	7.4			14	1.728	7.9				6.8		13.9		
18	7.3			15	1.069	7.8				7.8	< 20	15		
19	7.4			15.5	1.407	7.7				7.8		16.3		
20	7.3			14.1	0.934	7.8			0.06	6.8		14.8		
21	7.2			14.3	1.309	7.8				7.7		14.3		
22	7.2	373	356	15.4	1.670	7.7	1.2	2.4		6.8		15.2	99.7	99.3
23	7.3			16.5	1.649	7.8				6.9		16.4		
24	7.3			15.7	1.613	7.7				7.1		15.6		
25	7.2			15.4	1.427	7.8				7.4	< 20	15.4		
26	7.2			15	2.236	7.7				6.5		15		
27	7.3			14.5	1.583	7.8				6.9		15.2		
28	7.2			15	1.501	7.8			0.07	7.5		15		
29	7.3	360	238	14.7	1.535	7.8	2.1	1		7.3		14.8	99.4	99.6
30	7.3			16.2	1.538	7.8				7.4		15.9		
Total					43.352									
Avg		295	240	14	1.445		1.7	1.1	0.06	6.9	< 20	14.7	99.4	99.6
Min	7.2	228	192	11	0.934	7.5	1.2	0.4	0.05	5.6	< 20	10.0	99.1	99.3
Max	7.4	373	356	17	2.265	7.9	2.1	2.4	0.07	7.8	< 20	16.9	99.7	99.8

MONTHLY EFFLUENT MONITORING		QUARTERLY EFFLUENT MONITORING	
DATE	Oil & Grease mg/L	Selenium µg/L	Zinc µg/L
1			
2			
3			
4	< 5.0	< 0.010	0.021
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
Total			
Avg	< 5.0	< 0.010	0.021
Min	< 5.0	< 0.010	0.021
Max	< 5.0	< 0.010	0.021

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				* Ambient Temp ° F	*RAIN inches	Time
		* DO	** MLSS	*Settleability		* DO	** MLSS	*Settleability				
		mg/l	mg/l	*30 min ml	Temp ° C	mg/l	mg/l	*30 min ml	Temp ° C			
1	4,937	3.6	4,320	460	10.4	4.8	4,310	450	10.4	44		7:30
2		2.4	4,110	440	11.5	5.1	3,970	430	11.8	44		7:30
3		3.0	4,160	400	12.6	2.8	4,330	460	12.8	62		7:30
4		1.4	4,250	450	14.2	3	3,760	390	14.3	50	0.25	7:30
5	6,943	1.8	3,940	400	12.4	4.7	4,440	550	11.9	39		7:30
6	8,147	1.1	4,590	460	12.1	3.4	4,030	400	12.1	58		7:30
7	8,424	2.5	4,300	470	12.8	5	3,750	410	12.9	52		7:30
8		1.1	4,730	470	14.8	3.8	3,890	340	14.8	63		7:30
9		1.7	4,580	440	16.2	2.4	3,570	360	16.2	64		7:30
10		0.9	4,820	520	17	2.2	3,140	300	16.8	67		7:30
11	5,246	1.1	4,870	540	16.8	4.1	3,190	300	16.8	60	0.3	7:30
12	6,480	1.9	4,560	470	15.7	4.4	3,930	400	15.7	47		7:30
13	6,665	3.4	4,090	340	15	2.3	4,010	440	15.1	49		7:30
14	6,850	3.2	3,790	350	15.8	2.6	4,030	460	15.7	55		7:30
15		1.1	4,500	480	15.6	3.2	3,060	320	15.7	57	2	7:30
16		3.6	5,010	620	12.4	6.3	3,290	300	12.5	43	0.25	7:30
17		3.3	4,800	520	13	4.5	3,570	430	13.2	44		7:30
18		3.7	4,080	380	14.3	4.8	3,990	440	14.4	54		7:30
19		2.1	4,160	470	16.4	3	3,320	370	16.1	48		7:30
20		2.3	4,180	420	14.3	4.2	3,590	420	14.2	46		7:30
21		4.2	4,370	420	13.5	4.6	4,640	440	13.6	48		7:30
22		3.4	4,180	430	14.9	2.4	3,810	420	14.8	61	0.75	7:30
23		4.1	4,480	470	16.6	5.1	3,700	380	16.4	60		7:30
24		1.6	4,760	530	15.8	5.7	3,450	380	15.5	54	0.25	7:30
25		2.9	2,200	300	15.3	3.9	3,500	450	15.1	57		7:30
26		1.2	4,670	450	15.1	3.5	3,400	400	15.1	57	1	7:30
27		4.2	3,720	400	15.1	3.5	4,040	470	15	56		7:30
28		4.7	4,250	440	15	5.1	4,000	470	14.5	52		7:30
29		4.4	4,070	410	14.8	5.2	3,760	360	14.3	49		7:30
30		4.7	3,130	300	15.9	3.7	4,540	500	15.9	66		7:30

COMMENTS:

TESTS PERFORMED BY (PRINT) Frank Hendricks	SIGNATURE <i>Frank Hendricks</i>	PHONE # (573)365-0455	DATE 5/5/2011
REPORT APPROVED BY (PRINT) Gary Hutchcraft	SIGNATURE <i>Gary Hutchcraft</i>	PHONE # (573)365-0455	DATE 5/5/2011

*Required Daily (Monday -Friday)

**Required 1/week

LAKE OZARKOSAGE BEACH WWTP
Operation Report

11 APRIL 2011

STATION	PLANT FLOW										QUALITY CHARACTERISTICS										PLANT EFFICIENCY										WASTEWATER CHARACTERISTICS																		
	IN	OUT	BYPASS	TO TREATMENT	TO TREATMENT	TO TREATMENT	TO TREATMENT	TO TREATMENT	TO TREATMENT	TO TREATMENT	PH	TEMP	DO	TSS	SS	CO	CO2	CO3	CO4	CO5	PH	TEMP	DO	TSS	SS	CO	CO2	CO3	CO4	CO5	PH	TEMP	DO	TSS	SS	CO	CO2	CO3	CO4	CO5	PH	TEMP	DO	TSS	SS	CO	CO2	CO3	CO4
1	GH	0.173	0.628	0.801	220	365	228	182	382	198	7.37	11.4	O	44	4,320	460	106	7.44	3.6	4,310	450	104	7.47	4.8	1.5	1.5	0.5	1.255	7.78	2	1	7.2	10	0.438	9.125	45,000	3,425												
2	GH	0.164	0.770	0.964	44	4,110	440	107	7.46	2.4	3,970	410	108	7.54	5.1	0.5	0.5	1.319	7.79	4,110	410	108	7.54	5.1	0.5	0.5	1.319	7.79	7.5	11.3	7.5	11.3	0.640	7.865															
3	GH	0.197	0.833	1.030	62	4,160	400	96	7.47	3	4,310	460	106	7.46	2.8	1.5	2	1.403	7.73	4,310	460	106	7.46	2.8	1.5	2	1.403	7.73	6.4	12	6.4	12	0.696	8.055															
4	GH	0.189	0.838	1.027	7.44	4,250	450	106	7.54	1.4	3,760	390	104	7.61	3	1.5	3	1.280	7.73	4,250	450	106	7.54	1.4	3	1.5	3	1.280	7.73	5.7	14.2	5.7	14.2	0.614	7.820														
5	GH	0.151	0.639	0.790	36	3,940	400	102	7.49	1.8	4,440	500	124	7.57	4.7	1	1.5	1.207	7.86	4,440	500	124	7.57	4.7	1	1.5	1.207	7.86	6.7	11.8	<20	6.7	11.8	<20	0.336	9.125	45,000	3,443											
6	GH	0.163	0.628	0.791	58	4,590	460	100	7.43	1.1	4,030	400	99	7.47	3.4	1.5	1.5	1.104	7.79	4,590	460	100	7.43	1.1	1.5	1.5	1.104	7.79	6.4	12.3	6.4	12.3	0.247	11.285															
7	GH	0.160	0.637	0.797	29	7.29	13.1	O	52	4,300	470	108	7.44	2.5	3,780	410	108	7.54	5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.572	7.600														
8	FH	0.165	0.720	0.885	225	258	238	184	182	218	7.24	14.4	O	63	4,730	470	99	7.41	1.1	3,890	340	87	7.5	3.8	3	2.5	2.5	1.272	7.77	1.7	0.6	6.4	14.4	0.713	7.315	90,000	5,491												
9	FH	0.181	0.882	1.065	7.33	14.9	PC	64	4,580	440	96	7.47	1.7	3,270	360	101	7.52	2.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.646	7.540														
10	FH	0.204	0.941	1.095	7.17	15.3	PC	67	4,820	520	106	7.49	0.9	3,140	300	96	7.54	2.2	1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.669	7.845														
11	JH	0.207	0.893	1.100	7.17	14.6	C	47	4,560	470	103	7.5	1.9	3,930	400	101	7.54	4.4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0.383	8.615	90,000	6,466												
12	JH	0.157	0.713	0.876	7.79	15.8	C	49	4,090	340	83	7.52	3.4	4,010	440	110	7.49	2.3	2	1.5	2.3	1.5	2.3	1.5	2.3	1.5	2.3	1.5	2.3	1.5	2.3	1.5	2.3	0.215	9.030														
13	JH	0.163	0.746	0.909	28.7	7.29	15.2	O	55	3,790	350	92	7.5	3.2	4,020	460	114	7.48	2.6	2	1.5	1.287	7.79	6.4	0.05	16.6	6.4	0.05	16.6	6.4	0.05	16.6	0.353	15.100															
14	JH	0.312	1.276	1.588	280	155	278	186	172	192	7.23	15.8	O	2	57	4,500	480	107	7.48	1.1	3,060	320	105	7.47	3.2	6	3	2	2	2	2	2	2	0.942	12.930	45,000	4,822												
15	JH	0.216	0.921	1.167	7.27	13.3	O	43	5,010	620	123	7.46	3.6	3,290	300	91	7.6	6.3	1	2	1.5	2.265	7.73	7.3	13.4	7.3	13.4	7.3	13.4	7.3	13.4	7.3	13.4	0.917	7.330														
16	JH	0.372	1.361	1.733	7.35	14	PC	44	4,800	520	108	7.52	3.3	3,270	430	130	7.58	4.5	1.5	2	1.5	1.728	7.89	6.8	13.9	6.8	13.9	6.8	13.9	6.8	13.9	6.8	13.9	0.499	7.330														
17	JH	0.191	0.878	1.069	7.31	15	C	54	4,080	380	93	7.54	3.7	3,990	440	110	7.51	4.8	2	4.5	1.5	1.474	7.82	7.8	15	7.8	15	7.8	15	7.8	15	7.8	15	0.394	6.195	45,000	2,325												
18	JH	0.166	0.901	1.127	7.26	15.5	O	48	4,160	470	113	7.46	2.1	3,320	370	111	7.54	3	1.5	1	1.407	7.73	7.8	16.3	7.8	16.3	7.8	16.3	7.8	16.3	7.8	16.3	0.667	10.355															
19	JH	0.164	0.770	0.934	27	7.29	14.1	O	46	4,180	420	100	7.5	2.3	3,990	420	117	7.63	4.2	1	2	1.399	7.83	6.8	0.06	14.8	6.8	0.06	14.8	6.8	0.06	14.8	0.916	7.290															
20	JH	0.162	0.690	0.852	7.23	14.3	PC	48	4,370	420	96	7.54	4.2	4,640	440	95	7.56	4.6	2	1.5	1.309	7.83	7.7	14.3	7.7	14.3	7.7	14.3	7.7	14.3	7.7	14.3	0.347	9.615															
21	JH	0.216	0.921	1.167	7.24	16.5	O	60	4,480	470	105	7.38	4.1	3,700	380	103	7.63	5.1	2	3.5	1.5	1.67	7.71	1.2	2.4	6.8	15.2	6.8	15.2	6.8	15.2	6.8	15.2	0.967	7.225	45,000	2,712												
22	FH	0.248	1.039	1.287	7.31	15.7	O	54	4,760	530	111	7.48	1.6	3,450	380	110	7.62	5.7	1	2	0.5	1.613	7.74	7.1	15.6	7.1	15.6	7.1	15.6	7.1	15.6	7.1	15.6	1.255	5.813														
23	FH	0.239	0.950	1.189	7.18	15.4	O	57	2,300	300	136	7.49	2.9	3,500	450	129	7.49	3.9	1	2	1	1.427	7.77	7.4	15.4	7.4	15.4	7.4	15.4	7.4	15.4	7.4	15.4	0.62	7.250														
24	FH	0.184	0.771	0.955	7.17	15	O	57	4,670	450	96	7.4	1.2	3,400	400	118	7.48	3.5	4	3	1	2.236	7.69	6.5	15	6.5	15	6.5	15	6.5	15	6.5	15	0.07	11.750	45,000	4,410												
25	JH	0.233	0.977	1.210	7.32	14.5	O	56	3,720	400	108	7.5	4.2	4,040	470	116	7.53	3.5	1.5	2	2	1.583	7.75	6.9	15.2	6.9	15.2	6.9	15.2	6.9	15.2	6.9	15.2	0.411	10.100														
26	JH	0.222	0.834	1.056	30.5	7.22	15	C	52	4,250	440	104	7.53	4.7	4,000	470	118	7.55	5.1	2	1.5	1.501	7.82	7.5	0.08	7.5	0.08	7.5	0.08	7.5	0.08	7.5	0.08	7.5	0.08	0.731	8.560												
27	JH	0.218	0.850	1.068	7.34	14.7	C	49	4,070	410	101	7.5	4.4	3,760	360	96	7.56	5.2	2	8	1	1.535	7.82	2.1	7.3	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	0.731	14.935	45,000	5,605												
28	JH	0.225	0.974	1.199	7.28	16.2	C	66	3,130	300	96	7.54	4.7	4,540	500	110	7.51	3.7	2	3	2	1.538	7.82	7.4	15.9	7.4	15.9	7.4	15.9	7.4	15.9	7.4	15.9	0.273	9.125														
TOTAL		6,158	26,290	32,457	1,203	1,381	1,477	886	12,006	12,021	105.2	219	1,435.3	4.8	1,603	127,670	13,250	3,118	2,247	80.6	114,040	12,240	3,215	226.3	119.3	56.5	68	40	44	219	233.2	8.4	5.4	206.1	0.237	439.4	<20	<5	0	18,643	206,305	495,000	38,729						
MAX		0.172	1.385	1.733	280	365	373	194	382	356	29	7.79	16.5	2	67	5,010	620	136	7.58	4.7	4,640	550	129	7.75	6.3	6	8	2.5	2,265	7.89	2.1	2.4	7.8	0.08	16.9	<20	<5	0	1,255	15,100	90,000	6,466							
MIN		0.151	0.628	0.790	220	155	228	140	172	192	20.5	7.17	11.4	0.25	36	2,200	300	83	7.40	0.9	3,060	300	87	7.46	2.2	0.5	0	0.5	1.058	7.68	1.2	0.4	5.6	0.05	10	<20	<5	0	0	0.215	5.815	45,000	2,325						
AVG		0.205	0.877	1.082	241	276	295	177	340	240	26.3	7.30	14.5	0.69	53	4,256	442	104	7.49	2.7	3,801	408	107	7.54	4.0	1.9	2.3	1.3	1.474	7.77	1.68	1.08	6.9	0.063	14.6	<20	<5	0	0	0.6	0.621	8.877	55,000	4,301					

U - following abbreviations R-rain, S-snow, O-overcast, C-clear, PC-partially cloudy
Prepared by GH, FH, CW
Approved by GH
Date 5/5/2011

