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

@****Osage Beach City Hall****

1. CALL TO ORDER

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Committee Members

Penny Lyons, Mayor, Osage Beach Johnnie Franzeskos, Mayor, Lake Ozark Nancy Viselli, City Administrator, Osage Beach Dave VanDee, 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 Deppe, Joint Sewer Clerk, Lake Ozark Gary Hutchcraft, Plant Manager Gary Anger, Alliance Water Resources

Connections Policy of the Joint Sewer Board of the

Cities of Lake Ozark and Osage Beach

3. MINUTES Minutes from January 18, 2011	Page Numbers
4. REPORTS	
Bill List	5-22
Revenue Budget Analysis	23
Expenditure Budget Analysis	24
Income & Expense Summary/ER Fund Analysis	25-26
Balance Sheet	27
Check Registers & Bank Statements	28-31
January 2011 Alliance Report & Flow Report	32-45
5. NEW BUSINESS	
6. OLD BUSINESS	
A. Review and further discussion of the New Service Area	46-53

7. DISCUSSION

8. ADJOURNMENT

THE NEXT MEETING WILL BE MARCH 15, 2011 @ 5:15 PM @ THE JOINT SEWER TREATMENT PLANT

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LAKE OZARK - OSAGE BEACH Joint Sewer Board MINUTES OF MEETING January 18, 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 Franzeskos, LO
Nancy Viselli, City Administrator, OB
Dave Van Dee, City Administrator, LO
Don Langley, Alderman, LO
Ron Schmitt, Alderman, OB
Matt Michalik, Public Works Director, LO
Gary Hamner

Committee Members Absent:

Rick King, Public Works Director, OB

Others Present:

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

ADOPTION OF PREVIOUS MINUTES:

Mayor Penny Lyons stated she had a few corrections to the minutes, on page (1) one, it says October 19th at the top and it should say November 16th and in the middle of the page under Adaption of Previous Minutes, it should say October 19th instead of November 16th, with those corrections Board Member Gary Hamner made a motion to approve the minutes; second by City Administrator Nancy Viselli. All present voted aye, motion carried.

BILLS:

Treasurer Karri Bell stated there was an addition to the Bills List, Alliance Member Gary Hutchcraft explained that the addition was an invoice from Denny's Dock Service for an amount of \$1,523.00, Hutchcraft stated that the Board approved this in March of 2010 and that it was for a Bar Screen that was required by DNR.

Members reviewed the Bills List.

Mayor Franzeskos made a motion to approve the Bills List, second by Alderman Don Langley. All present voted aye, motion carried.

REPORTS:

INCOME & EXPENSE SUMMARY/ER FUND ANALYSIS

Members reviewed. No discussion.

REVENUE BUDGET ANALYSIS

Some Discussion occurred on page 13, in regards to the increase both Cities have paid in verses what was budgeted.

Treasurer Bell stated she will look into it.

EXPENDITURE BUDGET ANALYSIS

Members reviewed. No discussion.

BALANCE SHEET

Members Reviewed. No discussion.

CHECK REGISTERS

Members reviewed. No discussion.

ALLIANCE REPORT & FLOW CHARTS:

The average daily incoming flow for November 2010 was 1.012 mgd and for December 2010 was 0.744 mgd. We had 4.8 inches of precipitation measured at the WWTP in November 2010 and 0.4 inches in December 2010.

Operationally, the plant's discharge was excellent, with an effluent monthly average BOD and TSS of 1.6 mg/l and 1.4 mg/l respectively for November 2010 and 1.9 mg/l and 1.8mg/l respectively for December 2010. This represented better than a 99.2+% or better removal in all cases.

The MLSS combined average for both aeration basins was 3,845mg/l in November 2010 and 3,795 mg/l in December 2010. The total dry weight sludge inventory for November 2010 totaled 195,565 pounds and 259,589 pounds in December 2010. Plant Personnel were able to land apply 39 loads of biosolids in November 2010, however Plant Personal were not able to land apply in December 2010.

Gary Anger informed Members that on December 15, 2010 they finally received the plant's new operating permit, approximately eight months after the last input on the draft permit. Anger stated that since the issuance extended beyond June 30, 2010 MDNR couldn't issue a permit with fecal coli form limits, but rather they had to use E-coli. Anger stated they do not believe this will be a problem based on recent testing's. Anger informed Members that other major items in the permit were changed such as; Special Conditions # 8 and the Fact Sheet Details with regard to SSO's, Bypasses and I/I Prevention/Reduction, Anger stated that he believed the items were changed to a position in our favor and to what the Board agreed to. All in all Anger stated that the permit which is effective December 10, 2010 to December 9, 2015 has ended up with good results.

Gary Hutchcraft informed Members that he was informed by EPA today Tuesday January 18, 2011, that the Ammonia Testing which we are required to do was done incorrectly. EPA informed Hutchcraft that we will be required to distill, and that DNR lead them in the wrong direction, Hutchcraft then stated that EPA informed him that DNR should not have told us to do a split sample with another lab; EPA also stated that we should have done our own study in our own lab. Hutchcraft informed Members that we will need to set up the Plant to do our own testing and will need to purchase around \$2,500.00 worth of equipment to do the testing as soon as possible. Further discussion occurred on the importance of this, a motion was then made by Board Member Gary Hamner to spend the \$2500.00 to purchase the equipment needed for the testing; second by Public Works Director Matt Michalik. All present voted aye, motion carried.

Gary Anger discussed the Alliance Fee with Members for 2011; Anger stated that it has increased by 2.5%. (A hand out was given to Members in the middle of December) Members reviewed the calculations of this increase based off of the handout that was given to them, Anger stated that this will result in a new monthly fee of \$21,787.07; Anger also stated that an invoice has been submitted for January 2011 with the new billing fee, a copy of that invoice was on page 6 in the packet.

Mr. Anger informed Members that Alliance Member Gary Hutchcraft has completed a new inventory list as of January 2011 and a revised Emergency Response Plan, which was submitted to Members during discussion. Anger also stated that Hutchcraft has put together the required Form S for 2010 which is the domestic sludge report; Anger stated that these are all available for Members to review.

Discussion occurred between Board Member Gary Hamner and Alliance Member Gary Hutchcraft regarding the new DNR Permit and the new E-coli limit.

Mayor Penny Lyons asked for a motion to approve the **November 2010** Alliance Reports and Flow Reports. Mayor Johnnie Franzeskos made a motion to approve the Alliance Reports and Flows, second by City Administrator Nancy Viselli. All voted aye, motion carried.

Mayor Penny Lyons then asked for a motion to approve the **December 2010** Alliance Reports and Flow Reports. Mayor Johnnie Franzeskos made a motion to approve the Alliance Reports and Flows, second by City Administrator Nancy Viselli. All voted aye, motion carried.

Treasurer Karri Bell stated that we are getting an acclamation of cash in the Operating Fund; Treasurer Bell asked if anyone had a problem with putting part of that money into a C.D.? Members agreed putting \$100,000.00 into a C.D. for a few months.

NEW BUSINESS:

A. Amendment to Agreement made November 18, 2008 By and Between the Joint Sewer Board of Lake Ozark and Osage Beach and the Alliance Water Resources Inc.:

Members reviewed Amended Alliance Agreement on page 57 of packet; Alliance Member Gary Anger reviewed the points listed 1 through 4 on page 57. Mr. Anger then asked if Members had any questions; no questions or comments were made by Members. A motion was then made by Alderman Don Langley to approve the Amended Alliance Contract, second by Mayor Johnnie Franzeskos. All present voted aye, motion carried.

Board Member Gary Hamner discussed the Power Usage on page 51. Hamner asked if there was anything we could shut down for the winter, to help drop the power cost, Hamner suggested shutting down one of the ditches, Members agreed it was too late to do it this year but Alliance stated they will plan on cleaning one of the ditches next fall and possibly shutting it down for the winter.

Mayor Penny Lyons gave an update of the Quarry Litigation; Mayor Lyons stated that when DNR appealed to both the Appellate Court and the Supreme Court they were throw out and the decision was in the Joint Sewer Boards favor. Mayor Lyons stated that the lawsuit has pretty much come to the end and they are hoping for Judge Conway to find some reimbursement for the litigation cost.

Mayor Lyons further emphasized on the issue and informed Members that there was blasting recently down on the west side of town for the Expressway which caused a sudden loss of water, Mayor Lyons stated that they finally found the leak which was 14 feet underground, this caused customers to be without water for several days, which shows that blasting can cause major damage that far into the ground stated Mayor Lyons.

Board Member Gary Hamner provided Members an updated flow chart for the upcoming year, Hamner explained, Members reviewed. Some further discussion occurred.

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:

Alliance Member Gary Anger began by informing Members that he changed a number of things to the draft, Anger began explaining the changes. One of the main changes Gary made that Members did not agree with was that in the paragraphs that talked about any review of a direct connection; Anger changed that to read the reviews would be done by Osage Beach due to the fact that they had in house Engineer. Members agreed that both cities needed to be involved with the review when there is a direct connection. Osage Beach City Attorney Ed Rucker stated that both Cities should be involved and that you cannot use Taxpayers money from one City only to spend for the Joint Board. City Administrator Nancy Viselli suggested including a process in the policy that when someone asked to connect they must contact the Joint Sewer Clerk and asked to be put on the Joint Sewer Board Agenda. City Attorney Ed Rucker informed Members that the Joint Sewer Board can not adopt a policy that assigns work to a City directly, but they can in fact go to one of the Cities and ask for assistance if needed.

Members began discussion of the connection cost; Members agreed they needed the availability to build a rate.

City Administrator Nancy Viselli suggested adding something in the policy to keep people from circumventing either City. Members agreed, but felt that was already covered in the draft policy.

Board Member Gary Hamner suggested adding in the policy that if a developer builds in either City they do not have to go through this policy; Ed stated that there was a foot note in one of first draft policies and that he will add it back in, Members agreed.

Members also discussed an out of town additional rate and how much of an additional cost they could charge. Members discussed making that rate 1.5%. Some further discussion occurred.

DISCUSSION:

No discussion occurred.

ADJOURNMENT

Osage Beach Mayor Penny Lyons adjourned meeting at 6:26 pm.

Next Meeting: February 15, 2011 at 5:15 P.M at Osage Beach City Hall.

Penny Lyons, Mayor	Julie Huttenlocker, Joint Sewer Clerk

JOINT SEWER BOARD BILL LIST February 17, 2011

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING: OPERATING FUND BILLS TO BE PAID: EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING: EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:				\$ \$ \$	21,787.0 11,079.2 -
	······································		TOTAL	\$	32,866.3
OPERATI	NG FUND	DBILLS PAID PRIOR TO BOARD N	MEETING:		
Account	Check	Paid To:	Description:		Amount:
4170	3073	Alliance Water Resources, Inc.	Management Fee	\$	21,787.0
			TOTAL		
OPERATI	NG FUND	BILLS TO BE PAID:	TOTAL	\$	21,787.0
Account 4000 4010 4020 4150 4160 4220	Check 3074 3075 3076 3076 3077 3078	Paid To: Equipment Replacement Fund Equipment Replacement Fund Alliance Water Resources, Inc. Alliance Water Resources, Inc. Alliance Water Resources, Inc. Bryan Cave	Description: Payment into ER Fund New Basin -Loan Payment Main & Repair oil chg/new tires for Dodge Waste Hauling Fees Magruder 10/10 & 11/10 Invoices	\$ \$ \$ \$ \$	Amount: 3,467.1 2,330.1 423.7 214.0 900.0
4220	3079	Bryan Cave	Magruder 02/11 Invoice	\$ \$ \$	2,572.8 1,171.3
QUIPMEN	NT REPLA	ACEMENT FUND BILLS PAID PRIC	OR TO BOARD MEETING.	Ψ	11,079.2
Account	Check	Paid To:	Description:	,	Amount:
	IT DEDI A	CEMENT FLAND		\$	-
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				\$	

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:

INVOICE

Invoice No:

4781

Invoice Date:

01-Feb-11

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

EFERENCE	DESCRIPTION		
	Wastewater Plant operating service for month of:	Feb-11	AMOUNT
	Base Fee	1 ep-11	\$21,787.0
		TOTAL DUE	\$21,787.0°

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:

4811

Invoice Date:

01-Feb-11

Customer No:

20220

Terms:

30 days

REFERENCE	DESCRIPTION	AMOUNT
	Walmart - 1 Invoice - 50% — 4/50 The Home Depot - 1 Invoice - 50% HD Supply - 1 Invoice - 50% CED - 1 Invoice - 50%	\$214.00 \$71.90 \$186.37 \$165.50
	TOTAL DUE	\$637.77

P.7



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OIL CHANGE + NEW TIRES FOR DOOGE DAKOTA

.TC#.9124.7121.7062.7121.9003.4.

.....*##CUSTOMER.COPY###

GL Acct#: 6702-201238.49 1220-201214.00

Signature: Hatchicas

Date:_



More saving. More doing,"

4030 HWY 54 OSAGE BEACH, MO 65065 (573)348-0082

3027 00001 35962 01/19/11 11:00 AM CASHIER ANNA - AXE0978

077578012223 FOAM TAPE <A>

07/376012223 FUMP INFE -393.48 071798002538 BRUSH <A> 049206018655 WBARROW <A> 10.44 8.40 124.95

SUBTOTAL SALES TAX TOTAL 143.79 11.11 \$154.90 154.90 TA

XXXXXXXXXXXXX6759 HOME DEPOT AUTH CODE 019687/6017535 P.O.#/JOB NAME: GARY

ALLIANCE WATER RESOURCES WATER RESOURCES ALLIANCE



RETURN POLICY DEFINITIONS
POLICY ID DAYS POLICY EXPIRES ON
1 90 04/19/2011

THE HOME DEPOT RESERVES THE RIGHT TO LIMIT / DENY RETURNS. PLEASE SEE THE RETURN POLICY SIGN IN STORES FOR DETAILS.

GUARANTEED LOW PRICES LOOK FOR HUNDREDS OF LOWER PRICES STOPEWIDE

GL Acct#: <u>6705-20 \$83.00</u> 1220-20 71.90

Signature:

Date:_



Local Service, Nationwide P.O. Box 1419 Thomasville, GA 31799-1419

INVOICE

BRANCH ADDRESS HDSWW - OSAGE BEACH MO Branch - 138 1049 B Industrial Dr Osage Beach MO 65065

573/348-1273

	₽
INVOICE #	2451689
INVOICE DATE	1/24/11
ACCOUNT #	116902
SALESPERSON	STEVEN BURKE
BRANCH#	138

Total Amount Due	\$400.60
	, , , , , ,

Remit To:

HD SUPPLY WATERWORKS, LTD. PO BOX 503660 ST LOUIS, MO 63150-3660

Shipped to:

CUSTOMER PICK-UP -

723 1 MB 0.382 E0228X 10335 D287888424 P700050 0001:0001

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

Return Top Portion With Payment For Faster Credit

Thank You For The Opportunity To Serve You. We appreciate your prompt payment.

Date Ordered I			Custom	er PO No.	Job Nam	e	Job No.	Bill of				ot payment.
1/05/11	5/11 1/21/11 VERBAL		RBAL	LOOB			BIII of Lading		E TIPPO TIA		Order Numbe	
Product Co	ode			Description		Quantity	Quantity	Back-	r	YOUR	TRUCK	2451689
2261107512		261-1	07512-000	10710 4/0 0		Ordered	Shipped	Ordered	Pr	ice	Per	Amount
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s transaction is conditions, wh								-				

This transaction is governed by and subject to HD Supply Waterworks standard terms and conditions, which are incorporated herein by this reference and accepted. To review these terms and conditions, please point your web browser to http://waterworks.hdsupply.com/TandC/. Terms SubTotal **NET 30** 372.74 Freight

Delivery Handling Restock Misc. Tax INVOICE TOTAL 27.86 \$400.60 HDSWW - OSAGE BEACH MO THANK YOU FOR YOUR ORDER Branch - 138 VISIT INVOICE: 1049 B Industrial Dr 2451689

Osage Beach MO 65065

WATERWORKS.HDSUPPLY.COM FOR OTHER SERVICES OFFERED

Page 1 of 1

CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC.

CED - KAISER 425 HIGHWAY 42 KAISER, MO 65047 T:573 348-0042 F:570 348-0320

INVOICE NO.	INVOICE DATE
3501-419712	01/05/11

PLEASE SHOW INVOICE NO. AND REMIT TO:

P.O. BOX 978 COLUMBIA, MO 65205 T:573 876-8049 F:573 876-8040

ALLIANCE WATER RESOURCE FO BOX 1985 LAKE OZARK, MO 65049

SHIP TO: ALLIANCE WATER RESOURCE 425 Highway 42 Kaiser, MO 65047

ALL TANCE WATER RE			CUSTOMER ORDER NO.	
1233 BC	SHIPPING INFORMATION	SHIP VIA	SHIP DATE	
	Market Paral Street Plans		· · · · · · · · · · · · · · · · · · ·	2/30/10
EHD3040	40A 3P CKT BRKR MAIN BREAKER FOR C	LARIFIER #2	331 . 00E	331.
GI A . W / To C			MERCHAN STANT	
GL Acct#: <u>6705-20</u> \$18 Signature: \[\au\] \[\au\] Date: \[\sqrt{31//1}	4.45 1220-20 \$165	7.50	Ulineas ded	
TIME OR THRU ERROR ON OUR PART.	<u>ODE</u> : TO ADVISE YOU PROMPTLY CONCI ON OUR INVOICES. - BACK ORDERED, WILL SHIP AS SOON AS - CANCELLED, NOT IN STOCK, UNABLI		CODE IS USED MERCHANDISE ED TO CANCEL SALES TAX 5.73	331.0
ACE CHARGE OF 11/5% PER MONTH, BUT NOT TO EXCEED THE HIGHEST AMOUNT TALY ALLOWED BY CONTRACT IN THIS STATE, WILL BE MADE ON ALL MAST DUE UNITS	ASH DISCOUNT 3.31 OFF	TOTAL NIE	SHIPPING CHARGES	18 . ም
AND CONDITIONS OF SALE ON REVERSE SIDE OF ORIGINAL INVOICE	INCLUDING SALES TAX)			

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:

4778

Involce Date:

31-Jan-11

Customer No:

20220

Terms:

30 days

REFERENCE	DESCRIPTION		AMOUNT
REFERENCE	Hauled waste payments for the month of 1 Hauled Waste Load @ \$20.00 each 2 Hauled Waste Loads @ \$40.00 each 16 Hauled Wast Loads @ \$50.00 each	Jan-11	\$20.00 \$80.00 \$800.00
		TOTAL DUE	\$900.0



EMPLOYER IDENTIFICATION NUMBER: 43-0602162

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

October 20, 2010 Invoice # 9909733 Client # C012795 Payment is due upon Receipt

STATEMENT OF ACCOUNT

OUNT.		
\$	3,086.80	
	(347.89)	
	\$	2,538.91
\$	788.00 7.58	
	\$	795.58
	\$	3,334.49
	\$	\$ 3,086.80 (547.89) \$ \$ 788.00 7.58

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

October 20, 2010 Invoice # 9909733 Client # ©12795 Page 2

08/31/10	S. E. Mauer	280.00	Telephone conference w and E. Rucker regarding of appeals; review same.	ith J. T. ruling fr	Polhemus om court
08/31/10	J. T. Polhemus	156.00	Review decision of Cour with E. Rucker regarding	t of App g same.	eals; call
08/31/10	E. Crotty	72.00	Locate and review decision District Appellate Court.		estem
09/01/10	S. E. Mauer	NO CHARGE	Telephone conference w regarding order; prepare for same. (NO CHARGI	notes fo	cGovern r strategy
09/08/10	S. E. Mauer	280.00	Review order from court attorney conference rega- telephone conference wit regarding fee request; pre- regarding timing for same P. Lyons, N. Viselli and I regarding same.	rding str th B. Mc epare not e; prepar	ategy; Govern tes re letter to
09/09/10	S. E. Mauer	NO CHARGE	Telephone conference wiregarding fee request; tele conference with reporter regarding same. (NO CH	ephone from ne	
09/09/10	J. T. Polhemus	NO CHARGE	Correspondence with E. application for fees. (NO	Rucker i CHAR	regarding GE)
	Total Fees	for Legal Services		\$	788.00
	EXI	PENSES AND OTH	ER CHARGES		
Ι	Copy Charges Postage Long Distance Telepho	Q			5.20 0.88 1.50
	Total Expe	nses and Other Charg	ges	\$	7.58
TOTAL CHARGES FOR THIS MATTER			\$	795.58	



Bryan Cove LLP Attante | Charlotte | Chicago | Dallas | Hamburg | Hong Kong | Irvine | retirision (GV | Kansas C tV | Inc Angeles | Melyn | New Unit Paris | Phoenic | San Francisco | Shanghar | St. Louis | Wushington, CC | and Bryan Cuve. A Attatistational Partnership Fordon | www.biyancave.com

EMPLOYER IDENTIFICATION NUMBER: 43-0602162

c/o Ms. Nancy Viselli 1000 City Parkway Osage Beach, MO 65065		October 20, 20 Invoice # 990 Client # C012 Matter # 0213	9733 795
BALANCE FORWARD: REMITTANCE ADVICE			
Balance per Statement Dated September 24, 2010 Payments and Other credits BALANCE FORWARD	\$	3,086.80 (547.89)	
DILLANCE FORWARD		\$	2,538.91
CURRENT CHARGES			
Fees for Legal services Expenses and Other Charges	\$	788.00 7.58	
TOTAL CHARGES THIS INVOICE		\$	795.58
STATEMENT TOTAL		\$	3,334.49
OUR RECORDS SHOW THESE INVOICES OUTSTAND	DING A	S OF October 2	20, 2010
Balance Outstanding on Inv. 9901431 (Dated 09/24/10)			2,538.91

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



Bryon Cave LEP Atlanta | Charlotte | Chicago | Dallas | Homburg | Hong Kong | Hvine | Jetterano City | Kausas City | Ins Angeles | Moun | New York |
Pairs | Phoenix | San Francisco | Shanghur | St. Louis | Washington, DC | and Bryon Cave, A Multinational Partnership London | www.biyeacave.com

EMPLOYER IDENTIFICATION NUMBER: 43-0602162

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

November 17, 2010 Invoice # 9918028 Client # ©12795 Payment is due upon Receipt

STATEMENT OF ACCOUNT

Division Acc	COM		
BALANCE FORWARD: Balance per Statement Dated October 20, 2010 Payments and Other credits BALANCE FORWARD	\$	3,334.49 (2,538.91) \$	795.58
CURRENT CHARGES FOR MATTER: File # 0213819 Magruder Limestone Company Fees for Legal services Expenses and Other Charges	\$	1,746.00 31.24	
TOTAL CHARGES THIS INVOICE		\$	1,777.24
STATEMENT TOTAL		\$	2,572.82

Bryan Cave LLP is a cash basis partnership with a December 31st year-end. Consequently, receipt of your payment for this statement before year-end would be appreciated.

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

City of Os	age Beach, MO	November 17, 2010 Invoice # 9918028 Client # 0012795 Page 2
09/23/10	S. E. Mauer	420.00 Review motion to transfer and motion for reconsideration by Magruder; research regarding inappropriate filing by Magruder; meet with T. Lord of Missouri Court of Appeals regarding same; prepare letter to Mayor Lyons, N. Viselli and E. Rucker regarding same.
09/26/10	J. T. Polhemus	130.00 Research Missouri law for "standing" to file motions on appeal when party did not file appellate brief.
09/27/10	J. T. Polhemus	455.00 Draft, review and revise Motion to Strike
09/28/10	J. T. Polhemus	286.00 Research, draft, review and revise Motion to Strike post-disposition motion.
10/01/10	S. E. Mauer	NO CHARGE Telephone conference with E. Rucker regarding deadline for DNR to file for reconsideration. NO CHARGE
10/04/10	J. T. Polhemus	130.00 Research time limit for filing writ of cert; call with E. Rucker regarding same.
10/08/10	S. E. Mauer	NO CHARGE Attorney conference regarding time to file for ruling by DNR; research regarding same; prepare letter to E. Rucker regarding same; attorney conference with J. T. Polhemus regarding refiling notice for attorneys' fees. NO CHARGE
10/15/10	J. T. Polhemus	195.00 Draft, review and revise supplemental application for fees.
10/19/10	J. T. Polhemus	130.00 Revise Supplement to Application for Fees for Comments from S.E. Mauer.
	Total Fees for	Legal Services \$ 1,746.00
	<u>EXPE</u> 1	ISES AND OTHER CHARGES
C	opy Charges	

Copy Charges	
Postage	25.20
Long Distance Telephone Charges	5.29
. 0	0.75
Total Expenses and Other Charges	\$ 31.24

City of Osage Beach, MO

November 17, 2010 Invoice # 9918028 Client # ©12795 Page 3

TOTAL CHARGES FOR THIS MATTER

\$ 1,777.24



Bryan Cave LLP Atlanta | Charlotte | Chargo | Pallas | Hamburg | Hung Kong | Invine | Justerson Chy | Kansas City | Los Angelos | Milar | New York Paris | Phoenic | Sun Fruncisco | Shanghar | St. Loois - Washington, DG | Lind Bryan Cave | A Multinational Parmership London | www.bryancave.com

EMPLOYER IDENTIFICATION NUMBER: 43-0602162

c/o Ms. Nancy Viselli 1000 City Parkway Osage Beach, MO 65065		November 17 Invoice # 991 Client # C012 Matter # 0213	18028 2795
BALANCE FORWARD: REMITTANCE ADVICE			
Balance per Statement Dated October 20, 2010 Payments and Other credits BALANCE FORWARD	\$	3,334.49 (2,538.91)	
- LE TOKWAND		\$	<i>7</i> 95.58
CURRENT CHARGES			
Fees for Legal services Expenses and Other Charges	\$	1,746.00 31.24	
TOTAL CHARGES THIS INVOICE		\$	1,777.24
STATEMENT TOTAL		\$	2,572.82
OUR RECORDS SHOW THESE INVOICES OUTSTANDI	ING AS	OF November	17. 2010
Balance Outstanding on Inv. 9909733 (Dated 10/20/10)			795.58

Bryan Cave LLP is a cash basis partnership with a December 31st year-end. Consequently, receipt of your payment for this statement before year-end would be appreciated.

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



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

EMPLOYER IDENTIFICATION NUMBER: 43-0602162

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

February 4, 2011 Invoice # 9939082 Client # C012795 Payment is due upon Receipt

STATEMENT OF ACCOUNT

BALANCE FORWARD:		
Balance per Statement Dated November 17, 2010 Payments and Other credits	\$ 2,572.82 0.00	
BALANCE FORWARD	\$	2,572.82
CURRENT CHARGES FOR MATTER:		
File # 0213819		
Magruder Limestone Company		
Fees for Legal services	\$ 1,158.00	
Expenses and Other Charges	13.36	
TOTAL CHARGES THIS INVOICE	\$	1,171.36
STATEMENT TOTAL	\$	3,744.18

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

. City of Osa	age Beach, MO			February 4, 20 Invoice # 993 Client # C012 Page 2	39082
11/29/10	S. E. Mauer	560.00	Review brief by Dapplication; legal is prepare letter to Mand E. Rucker regapplication for traprepare letter to Mand E. Rucker regand E. Rucker reg	research regan Mayor Lyons, I garding same; i nsfer filed by Mayor Lyons, I	ding same; N. Viselli review Magnider
12/01/10	J. T. Polhemus	234.00	Research Missourdistinction betwee Remand for purpo attorney fees.	i Law related t en Rehearing a	ınd
12/03/10	J. T. Polhemus	260.00	Review and revise Motion to Dismiss of Supplemental F	s and Reply in	agruder's Support
12/06/10	S. E. Mauer	NO CHARGE	Telephone confere regarding briefs an NO CHARGE	ence with J. T.	Polhemus same.
12/07/10	J. T. Polhemus	104.00	Review and revise Supplemental App	Reply in Supp lication for Fe	oort of
12/08/10	J. T. Polhemus	NO CHARGE	Revise Reply in Su Application for Fe S.E. Mauer. NO C	pport of Supp	lemental
12/29/10	S. E. Mauer		Review final order regarding reversal of Reclamation Comm regarding same; pre Lyons, N. Viselli ar same. NO CHARO	from court of of decision by nission; prepa epare letter to nd E. Rucker	Land re notes Mavor
	Total Fees fo	or Legal Services		\$	1,158.00
	<u>EXPE</u>	NSES AND OTHE	ER CHARGES		
	opy Charges ostage				9.60 3.76
	Total Expens	es and Other Charg	es	\$	13.36
TOTA	AL CHARGES FOR T	HIS MATTER		\$	1,171.36



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EMPLOYER IDENTIFICATION NUMBER: 43-0602162

c/o Ms. Nancy Viselli 1000 City Parkway Osage Beach, MO 65065		February 4, 202 Invoice # 9939 Client # CO127 Matter # 02138	9082 795
BALANCE FORWARD: REMITTANCE ADVICE			
Balance per Statement Dated November 17, 2010 Payments and Other credits	\$	2,572.82 0.00	
BALANCE FORWARD		\$	2,572.82
CURRENT CHARGES			
Fees for Legal services Expenses and Other Charges	\$	1,158.00 13.36	
TOTAL CHARGES THIS INVOICE		\$	1,171.36
STATEMENT TOTAL		\$	3,744.18
OUR RECORDS SHOW THESE INVOICES OUTSTAND	DING A	AS OF February	-
Balance Outstanding on Inv. 9909733 (Dated 10/20/10) Balance Outstanding on Inv. 9918028 (Dated 11/17/10)			795.58 1,777.24

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		2009	1/31/2011 2010	2011	2011	2011	Q 0000
∢	Number Account Name	Actual	Actual	Budget	Actual as of 1/31/2011	January Revenue	YTD
0 -1 -5 -5 -2	Osage Beach Lake Ozark Interest Waste Haulers' Fee Misc Income Gen Grant	497,506.57 88,558.73 47.88 45,240.00 209.40	407,036.02 92,130.61 136.11 41,630.00 0.00	396,900.00 93,100.00 100.00 38,000.00	33,683.63 7,149.70 14.18 3,800.00	33,683.63 7,149.70 14.18 3,800.00 0.00	8 8 8 4 1 4 8 % 0 0 % 0 % 0 % 0 % 0 % 0 % 0 % 0 % 0
⊢	Total Operating Fund	631,562.58	540,932.74	528,100.00	44,647.51	44,647.51	8%
ш	E/R Fund Income	1,183.30	1,645.40	1,000.00	50.34	50.34	5%
—	TOTAL INCOME	632,745.88	542,578.14	529,100.00	44,697.85	44,697.85	8%

MONTH-TO-DATE AND YEAR-TO-DATE EXPENDITURE/BUDGET ANALYSIS 1/31/2011

Percent YTD	8% 0% 0% 0% 0% 0% 0% 15% 15%	8,000.00 4,000.00 12,000.00
2011 January Expenses	3,467.17 2,330.12 87.50 0.00 0.00 0.00 21,787.07 0.00 0.00 0.00 27,671.86 1,523.00	Detail: aler team Cleanei
2011 Actual as of 1/31/2011	3,467.17 2,330.12 87.50 0.00 0.00 21,787.07 0.00 0.00 0.00 27,671.86 1,523.00	"Capital Purchase <u>Detail:</u> 16 Channel Auto Dialer Preasure Washer/Steam Cleane
2011 Budget	42,000.00 27,961.44 57,000.00 17,000.00 3,000.00 265,000.00 65,000.00 1,650.00 30,000.00 12,000.00 528,611.44	ùl + œ
2010 Actual	41,606,04 27,961,44 15,611,62 16,211,00 2,660,05 8,000,00 312,836,20 0,00 1,600,00 24,828,71 1,659,40 452,974,46 31,809,73	5,000.00 25,000.00 30,000.00
2009 Actual	41,606.04 27,961.44 34,052.32 16,305.00 5,906.73 8,600.00 308,837.65 0.00 1,550.00 155,052.28 5,339.49 605,210.95 41,562.00	Generator
Account Name	Equipment Replace Fund ERF Repayment "Maintenance & Repair Insurance Vehicle Repair/Maint Haulers Fees to Contractor Contract Management Miscellaneous Audit ""Professional Service "Capital Purchases Totals ""E/R Expenses	***Professional Services: Engineering Consulting Fee/Backup Generator Normal/Magruder Lawsuit
Account Number	4000 4010 4020 4140 4150 4170 4190 4200 4220	

	5,000.00	4,000.00	2,000.00	6,000.00	40,000.00	57,000.00
**Maintenance & Repair	UV Spare Parts	Replace Wooden Doors with Fibe	Rock for Road	Normal Maintenance	#2 Aeration Basin Main.	

OPERATING FUND INCOME AND EXPENSE SUMMARY 1/31/2010

Beginning Balance	177,938.26
Income - Osage Beach Income - Lake Ozark Income - Other Income - Waste Haulers' Fees Interest - Checking Transfers From E/R Fund Transfers to E/R fund Expenses	33,683.63 7,149.70 0.00 3,800.00 14.18 0.00 -5,797.29 -22,174.57
Ending Fund Balance	194,613.91
NOW Account - Central Bank CD First National Bank, 1.00%, 07/10/11 Outstanding Checks: Deposit in Transit:	94,613.91 100,000.00 0.00 194,613.91

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY 1/31/2010

Beginning Balance	174,394.02
Interest - Checking Transfers From E/R Fund Transfers to E/R Fund Income - CD Interest Income - Miscellaneous Expenses	8.24 5,797.29 0.00 42.10 0.00 -1,523.00
Ending Fund Balance	178,718.65
NOW Account - First Bank CD First National Bank, 1.00%, 07/10/11 Deposit in Transit Outstanding Checks:	67,114.79 111,603.86 0.00 0.00 178,718.65

12 date 1/19/11

LAKE OZARK - OSAGE BEACH JOINT SEWER BOARD CERTIFICATE OF DEPOSIT INTEREST RATE BIDS

MATURITY DATE:

OPERATING FUND

BALANCE SHEET 1/31/2010

		DEBITS	CREDITS
ASSETS	CASH AND INVESTMENTS	194,613.91	
ACCOUNTS PAYABLE	DUE TO E.R. FUND - BASIN		74,646.37
EQUITY	FUND BALANCE		119,967.54
TOTAL OPERATING FUND		194,613.91	194,613.91

EQUIPMENT REPLACEMENT FUND

	BALANCE SHEET 1/31/2010		
		DEBITS	CREDITS
ASSETS	CASH AND INVESTMENTS	178,718.65	
ACCOUNTS RECEIVABLE	DUE FROM OPERATING FUND - BASIN	74,646.37	
EQUITY	FUND BALANCE		253,365.02
TOTAL EQUIPMENT REPL	ACEMENT FUND	253,365.02	253,365.02

Operating Fund

CHECK REGISTER - JOINT	SEWER	BOARD	OPERATION FLIND
------------------------	-------	-------	-----------------

			TEN BOARD O	PERATION FU	ND
	reconciled balance 10/31/10				158,555.58
3060	Alliance Water Resources, Inc.	Χ	26,055.68		132,499.90
3061	ER Fund Transfer	Х	3,467.17		129,032.73
3062	ER Fund Loan Payment	Х	2,330.12		126,702.61
3063	Alliance Water Resources, Inc.	Х	605.33		126,702.61
	Deposit	X	000.00	6,796.13	
	Deposit	X		34,037.20	132,893.41
	Deposit	Х		1,520.00	166,930.61
	Deposit	X		683.00	168,450.61
	Interest	X		13.42	169,133.61
	reconciled balance 11/30/10			15.42	169,147.03
3064	Alliance Water Resources, Inc.	Χ	26,055.68		169,147.03
3065	ER Fund Transfer	X	3,467.17		143,091.35
3066	ER Fund Loan Payment	X	2,330.12		139,624.18
3067	Alliance Water Resources, Inc.	X	204.33		137,294.06
	Deposit	X	204.33	7 404 50	137,089.73
	Deposit	X		7,191.50	144,281.23
	Interest	X		33,641.83	177,923.06
	reconciled balance 12/31/10	^		15.20	177,938.26
3068	Alliance Water Resources, Inc.	Х	21 707 07		177,938.26
3069	ER Fund Transfer	X	21,787.07		156,151.19
3070	ER Fund Loan Payment		3,467.17		152,684.02
3071	Alliance Water Resources, Inc.	X	2,330.12		150,353.90
3072	CD	Х	87.50		150,266.40
0012	Deposit	V	100,000.00	_	50,266.40
	Deposit	X		7,149.70	57,416.10
	Deposit	X		33,683.63	91,099.73
	Interest	X		3,800.00	94,899.73
	reconciled balance 1/31/11	Χ		14.18	94,913.91
	reconciled balance [/3]/11				94,913.91





P.O. Box 4500, Jefferson City, MO 65102 (573) 348-2761 001922

Return Service Requested

հումիցի-Գերուկնդիր-այքը-Գոելելելին-այլիցեր-

LAKE OZARK OSAGE BEACH JOINT SEWER TREATMENT PLANT BOARD 1000 CITY PKWY OSAGE BEACH MO 65065-3058 EFFECTIVE JANUARY 4, 2011: WE WILL NO LONGER CHARGE A \$2.00 DAILY OVERDRAFT FEE. OUR OVERDRAFT/RETURN CHECK (NSF) FEE AND STOP PAYMENT FEE WILL BE \$30.00.

renou	Page	
01/01/2011-01/31/2011	1 of 2	
Web Address		
www.cbolobank.com		_

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000007297 M

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300.00

Your Financial Summary on January 31, 2011

Account Balances & Other Assets

Checking Total

<u>₹</u>

\$ 94,613.91 \$ 94,613.91

Detailed Explanation of Account Balances and Other Assets

Basic Plus Interest Checking

No. 000007297	Beginning Balance December 31, 2010	\$ 177,938.26
Deposits		
Jan. 07 Deposit		2 000 00
Jan. 18 Deposit		2,000.00
Jan. 18 Deposit		7,149.70
Jan. 19 Deposit		33,683.63
Jan. 31 Deposit		1,400.00
Jan. 31 Interest Earned		400.00
Jan. J'i interest Earned		14.18

.

Total +\$ 44,647.51

Checks

Check No.	Date Paid	Amount	Check No.	Date Paid	Amount
3068	Jan. 18	21,787.07	3071	Jan 21	87.50
3069	Jan. 20	3,467.17	3072	Jan. 26	100.000.00
3070	Jan. 20	2,330,12	44,2	£0	100,000.00

Total -\$ 127,671.86

Withdrawals and other charges

Date Type Transaction Description

Jan. 24 Return Item

Total -\$ 300.00

Ending Balance January 31, 2011 \$ 94,613.91

Number of days since last statement/interest cycle

Beginning and ending dates for calculation of statement/interest cycle are 01/01/2011 through 01/31/2011

Average collected balance 166,922.00
Interest rate 0 10%
Annual percentage yield earned 0.10%
Interest earned previous year 136.11

JSB - CHECK REGISTERS 2011 xls

СНІ	ECK REGISTER - JOINT SEWER	R BOA	RD EQUIPME	NT REPLACE	MENT FUND
	reconciled balance 4/30/10				39,788.23
	Interest	Χ		3.20	39,791.43
	Deposit	Χ		5,797.29	45,588.72
	reconciled balance 5/31/10			,	45,588.72
	Interest	Χ		5.24	45,593.96
	Deposit	Χ		5,797.29	51,391.25
	reconciled balance 6/30/10			,	51,391.25
	Interest	Χ		6.55	51,397.80
	Deposit	Χ		5,797.29	57,195.09
	reconciled balance 7/31/10			•	57,195.09
1117	Alliance Water Resources	Χ	1,641.03		55,554.06
	Interest	Χ		7.66	55,561.72
	Deposit	Χ		5,797.29	61,359.01
	reconciled balance 8/31/10				61,359.01
	Interest	Χ		7.76	61,366.77
	Deposit	Χ		5,797.29	67,164.06
	reconciled balance 9/30/10				67,164.06
	Interest	Χ		8.12	67,172.18
	Deposit	Χ		5,797.29	72,969.47
	reconciled balance 10/31/10				72,969.47
1118	Spray Com Utilities	Χ	18,750.00		54,219.47
1119	GLW	Χ	2,998.70		51,220.77
	Interest	Χ		9.26	51,230.03
	Deposit	Χ		5,797.29	57,027.32
	reconciled balance 11/30/10				57,027.32
	Interest	Χ		7.65	57,034.97
	Deposit	Χ		5,797.29	62,832.26
	reconciled balance 12/31/10				62,832.26
1120	Denny's Dock Service	Χ	1,523.00		61,309.26
	Interest	Χ		8.24	61,317.50
	Deposit	Χ		5,797.29	67,114.79
	reconciled balance 1/31/10				67,114.79



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

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009 00010 26 PAGE: 100395311 01/31/2011 ACCOUNT: 2 DOCUMENTS:

86

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

> 62,832.26 LAST STATEMENT 12/31/10 5,805.53 2 CREDITS 1,523.00 1 DEBITS 67,114.79 THIS STATEMENT 01/31/11

THUOMA

- - - - - - - - DEPOSITS - - - - - - -

REF #....DATE.....AMOUNT REF #....DATE.....AMOUNT REF #.....DATE.....AMOUNT 01/19 5,797.29

- - - - OTHER CREDITS - - - - -DATE

DESCRIPTION 8.24 01/31 INTEREST

CHECK #..DATE.....AMOUNT CHECK #..DATE.....AMOUNT CHECK #..DATE.....AMOUNT

1120 01/28 1,523.00

8.24 65,066.86 INTEREST EARNED: AVERAGE LEDGER BALANCE: 64,692.84 DAYS IN PERIOD: 31 AVERAGE AVAILABLE BALANCE: .15~ ANNUAL PERCENTAGE YIELD EARNED:

8.24 INTEREST PAID THIS PERIOD: 8.24 INTEREST PAID 2011:

83.64 INTEREST PAID 2010:

* * * CONTINUED * * *

NOTICE: SEE REVERSE SIDE FOR IMPORTANT INFORMATION



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

IOMA

Maquoketa

Tipton

REPORT OF OPERATIONS

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

Month of January 2011

Submitted by Alliance Water Resources, Inc. for the

February 2011

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 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

	BOD mg/l	TSS mg/l	рН	Fecal Coliform Colonies/100 ml
Monthly Average	4.1	3.4	NA	0
Peak Day	4.8	4.4	7.8	0
Percent Removal	98.3	98.3	NA	NA

NPDES EFFLUENT LIMITATIONS

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

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 0.644 MGD or 21% of Permitted flow with Lake Ozark contributing 22% of the total flow and Osage Beach contributing 78%. 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 41202 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 410,000 gallons with a level of 5.5 feet in Tank 1 and 2.5 feet in Tank 2.

WASTEHAULERS

The plant received 19 loads of septage during the month totaling 45,000 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Antero Maintenance Data Management schedule. (New version of Operator 10 Software)
- We received the new breaker for Clarifier #2 on the 5th and installed it on the 6th and everything seems to be working fine now.
- Denny's Welding delivered and installed the new manual bar screen on the 14th.

SAFETY

 We conducted our monthly routine Safety Meeting on Vehicle Safety / Defensive Driving on the 11th of January.

REGULATORY AGENCY, INSPECTION AND REPORTS

Mailed DMR to MDNR on the 4th of January.

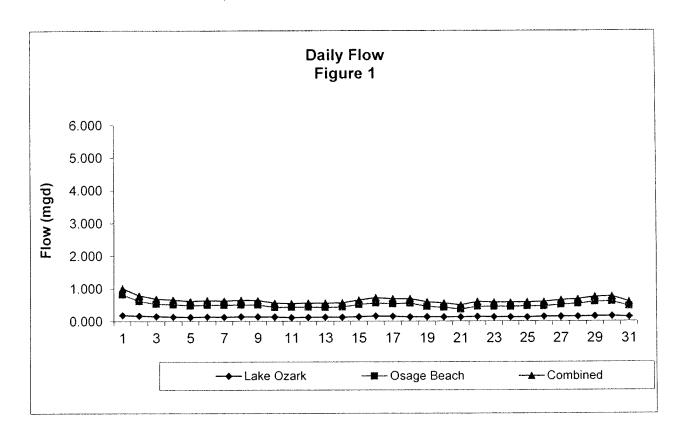
MISCELLANEOUS AND RECOMMENDATIONS

 We would like to thank Matt and his crew along with the City of Lake Ozark for keeping our road cleared during this past snow blizzard and also for clearing our parking lot and road around the plant. Many Thanks!

TABLE A LAKE OZARK/OSAGE BEACH WWTP

MONTH OF January 2011

DATE			FI	Low			В	OD 5 M	G/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		0.191	0.822	1.013	18.9	81.1						
2-Jan		0.174	0.621	0.795	21.9	78.1						
3-Jan		0.154	0.535	0.689	22.4	77.6						
4-Jan		0.139	0.519	0.658	21.1	78.9						
5-Jan		0.131	0.485	0.616	21.3	78.7						
6-Jan		0.139	0.504	0.643	21.6	78.4						
7-Jan		0.130	0.498	0.628	20.7	79.3	282	317	265	282	218	222
8-Jan		0.145	0.506	0.651	22.3	77.7						
9-Jan		0.140	0.502	0.642	21.8	78.2						
10-Jan		0.135	0.428	0.563	24.0	76.0						
11-Jan	0.3	0.113	0.433	0.546	20.7	79.3						
12-Jan		0.125	0.439	0.564	22.2	77.8					+	******
13-Jan		0.128	0.427	0.555	23.1	76.9						
14-Jan		0.126	0.441	0.567	22.2	77.8	230	227	225	190	148	154
15-Jan		0.142	0.511	0.653	21.7	78.3				·		
16-Jan		0.162	0.564	0.726	22.3	77.7						*****
17-Jan		0.153	0.539	0.692	22.1	77.9						
18-Jan		0.137	0.558	0.695	19.7	80.3						
19-Jan		0.141	0.454	0.595	23.7	76.3						
20-Jan	0.5	0.136	0.427	0.563	24.2	75.8						*****
21-Jan		0.130	0.370	0.500	26.0	74.0	250	267	265	142	182	178
22-Jan		0.145	0.455	0.600	24.2	75.8						
23-Jan		0.137	0.448	0.585	23.4	76.6						
24-Jan		0.132	0.451	0.583	22.6	77.4						
25-Jan		0.127	0.462	0.589	21.6	78.4						
26-Jan		0.143	0.457	0.600	23.8	76.2						
27-Jan		0.144	0.507	0.651	22.1	77.9						
28-Jan		0.145	0.536	0.681	21.3	78.7	233	243	235	182	222	234
29-Jan		0.154	0.597	0.751	20.5	79.5						
30-Jan		0.159	0.606	0.765	20.8	79.2						
31-Jan		0.138	0.464	0.602	22.9	77.1						
SUM	0.8	4.395	15.566	19.961								
AVG		0.142	0.502	0.644	22	78	249	264	248	199	193	197
NOTE: BOL	D PRINT	Γ INDICATE:	S WEEKEN	ID DAYS								



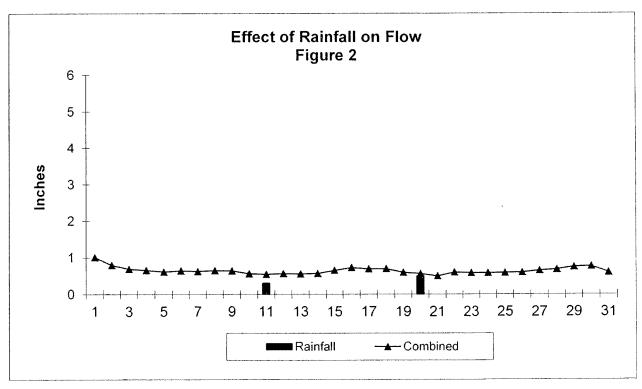
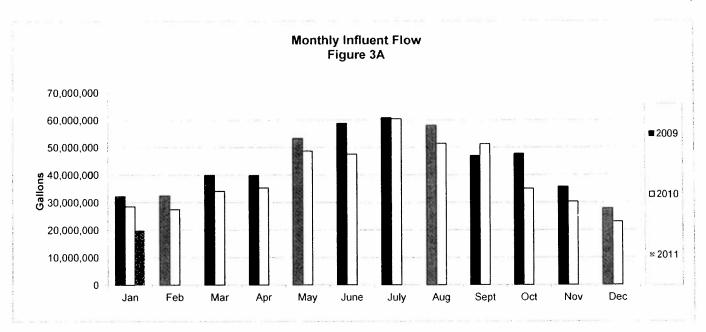
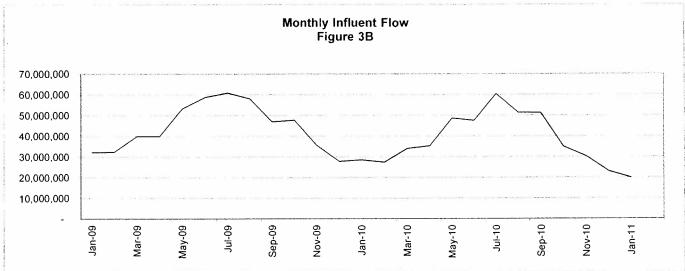
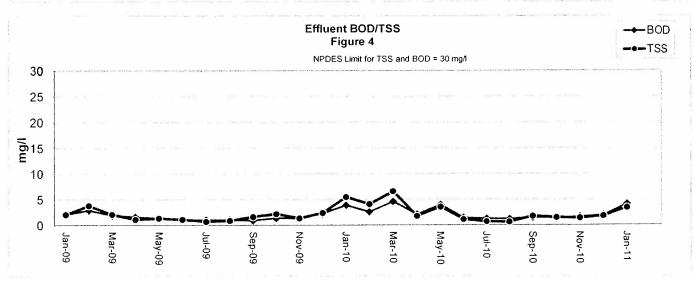


TABLE B
JOINT SEWER BOARD
Monthly Flows

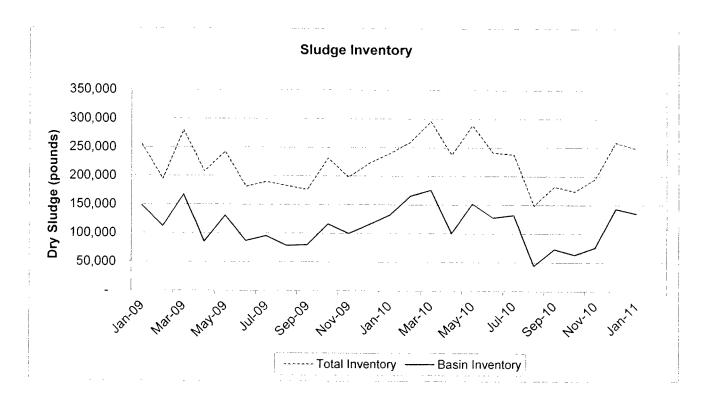
2000	DADIDALI	OCACE DEACH		LAVEOZADV		TOTAL	%
2009	RAINFALL	OSAGE BEACH 27,603,000	86%	<u>LAKE OZARK</u> 4,633,000	14%	<u>TOTAL</u> 32,236,000	100%
January	0.8	28,264,000	87%	4,216,000	13%	32,480,000	100%
February March	3 4.5	34,287,000	86%	5,701,000	14%	39,988,000	100%
		33,832,000	85%	6,093,000	15%	39,988,000	100%
April	4.6		84%		16%	53,313,000	100%
May	11	44,780,000	84% 84%	8,533,000	16%	58,817,000	100%
June	10	49,564,000		9,253,000	15%	60,881,000	100%
July	4.1	51,683,000	85%	9,198,000			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 November	11.8	39,271,000	82% 81%	8,484,000 6,697,000	18% 19%	47,755,000 35,754,000	100%
	4.8	29,057,000					
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%
2010	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
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%
December	0.1	10,031,000	0170				
	55.9	389,102,000	82%	80,008,000	18%	473,536,000	100%
<u> 2011</u>	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
January	0.8	15,566,000	78%	4,395,000	22%	19,961,000	100%
February	0.0	13,500,000	7070	4,575,000	/U	17,701,000	10070
March							
April							
May							
June							
July							
August							
September							
October							
November							
December							
December							
	0.8	15,566,000	78%	4,395,000	22%	19,961,000	100%

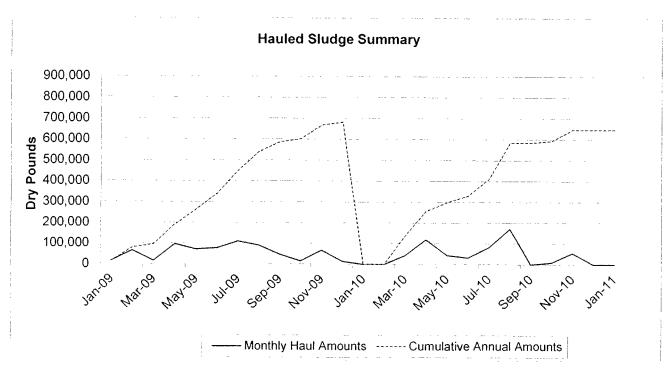


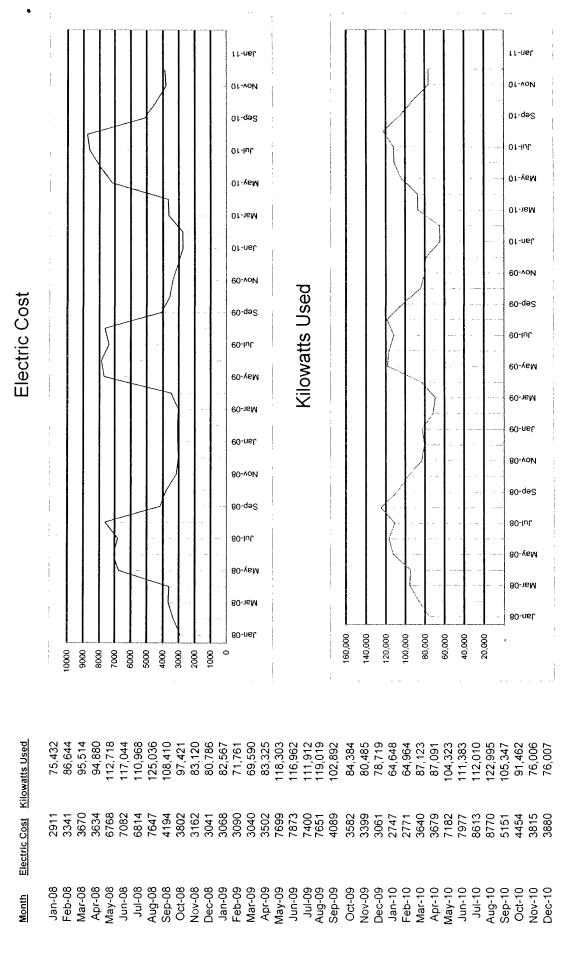




Stanker Clark #1 Clark #2 Clark #3 MLSS Inventory Stanker St	Accepted Septage	Loads Gallons		24 62,000	18 45,000	26 65,000	26 64,000	32 78,500	50 163,500	55 145,000	37 97,500	43 112,500	57 146,500	25 60,000	20 50,500	35 93,000	13 33,000	48 124,000	48 126,000	60 157,500	22 52,000	96 252,000	18 46,500	26 65.000	16 38,000	24 56,500	19 45,000
Loads Califors Hauled Sludge Loads L	Total Dry	fudge Inventory	255,056	194,369	280,337	207,549	242,793	181,364	189,635	182,999	176,221	231,526	198,242	222,774	239,743	259,869	296,109	237,818	289,302	241,559	238.692	149,097	182,229	173,603	195,565	259,589	248,603
Figure Califors Figure	MLSS	6 Solids S	0.00354	0.00274	0.0037	968001	0.00365	00304	0.00298	0.0034	0.00319	0.0038	0.00323	0.00346	0.00355	0.00311	0.00392	0.00441	0.00434	0.00371	0.00345	0.00338	0.00352	0.00357	0.00384	0.00379	0.00373
Lange					112,855	122,089				_		115,217						_	Ī.		106,366		109,045	110,301	119,654	116,037	113,495
Loads Hauled Sindge Haul	inket and ML	Gallons	3,617,762	3,608,881	3,657,238	3,696,714	3,678,952	3,735,213	3,791,474	3,678,952	3,617,762	3,635,524	3,653,286	3,714,476	3,635,524	3,653,286	3,682,904	3,731,261	3,793,428	3,678,952	3,696,714	3,714,476	3,714,476	3,704,618	3,736,190	3,671,048	3,653,286
Loads Flauled Siudge Hauled Siudge Flauled Siudge Hauled Siudge Handed Siudge<		SS AB #2	3,860	3,640	4,110	3,360	3,350	2,890	2,910	3,890	2.620	3,720	3,820	3,600	3,460	2,910	3.890	4,380	4,750	3,770	3,250	3,520	3,750	3,680	3,640	3,890	3,930
Loads Flauled Siudge Hauled Siudge Flauled Siudge Hauled Siudge Handed Siudge<	ALSS Inven	S AB #1MLS	3,220	1,840	3,330	4,260	3,380	3,180	3,040	2,910	3,750	3,040	2,640	3,320	3,640	3,310	3,940	4,440	3,930	3,650	3,650	3,250	3,300	3,460	4,050	3,700	3,520
Loads California Hauled Sindge Town # 14200 Town # 14827 Clark # 1 Basin Gallons # Dry Clark # 1 Clark # 1 Clark # 1 1.2 444.00 1.657.18 4.0% 7.9 645 5.0 2.5 0.0 337.500 148.247 0.0 0.0 0.0 148.247 0.0 0.0 0.0 148.247 0.0 0.0 0.0 148.247 0.0 0.		#3 MLSS	0.0	0.0	0.5	1.0	1.0	2.5	4.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	1.5	2.0	2.0	1.0	1.0	1.0	0.0	2.0	1.5	0.0	0.0
Loads Gallons Hauled Sludge Tank # Tank # 2 AB # 1 Basin Gallons # Dry Clark # 1 Tank # 2 AB # 1 Basin Gallons # Dry Clark # 1 Tank # 2 AB # 1 Basin Gallons # Dry Clark # 1 Tank # 2 AB # 1 Basin Gallons # Dry Clark # 1 Tank # 2 AB # 1 Basin Gallons # Dry Clark # 1 Tank # 2 AB # 1 Basin Gallons # Dry Clark # 1 Tank # 2 AB # 1 Basin Gallons # Dry Clark # 1 Tank # 2 AB # 1 Basin Gallons # Dry Clark # 1 Tank # 2 AB # 1 Basin Gallons # Dry Clark # 1 Tank # 2 AB # 1 Tank # 2 AB # 1 Basin Gallons # Dry Clark # 1 Tank # 2 AB # 2 AB # 1 Tank # 2 AB # 2 A	epths		1.0	0.5	1.0	0.0	1.0	1,0	1.0	1.0	0.5	1.0	1.0	2.0	1.0	1.0	0.0	1.5	4.5	1.0	2.0	1.5	2.0	0.0	2.5	2.0	2.0
Loads Galions Hauled Sludge Easin Depths # Dry % Solids \(\text{A}\) solids \(Blanket D		0.0	0.0	1.0	3.0	1.0	0.5	0.0	1.0	0.5	1.0	2.0	2.0	1.0	2.0	1.0	1.0	1.5	1.0	1.0	2.5	2.0	1.0	1.5	2.0	1.0
Loads Alloued Sludge Flauled Sludge Flauled Sludge Flauled Sludge Flauled Sludge Flauled Sludge Flank #1 Tank #2 AB #1 Basin Gallons Loads Flauled Sludge Fla		# Du	148,247	111,900	167,482	85,460	130,802	86,818	95,563	78,679	80,123	116,309	99,829	115,588	132,106	165,132	175,858	100,584	151,997	127,727	132,327	44,389	73,184	63,302	75,912	143,552	135,108
Loads Gallons Hauled Sludge Eastm Depths 12 Ad 400 # Dry % Solds nnual Cumulative # Dry 14 EZ 7 6 0 4 0% 53 196,100 65,018 4 0% 79,645 5.0 2.5 0.0 12 44,400 15,738 4 3% 95,383 5.5 5.0 0.0 53 196,100 15,738 4 4% 262,666 5.5 5.0 0.0 70 259,000 76,875 3.6% 191,415 5.0 1.0 0.0 70 259,001 110,008 5.1% 449,549 5.0 1.0 0.0 43 150,100 76,875 3.6% 601,956 5.5 2.0 0.0 13 48,100 14,626 3.6% 601,956 5.0 0.0 0.0 13 48,100 14,626 3.6% 601,956 5.0 0.0 0.0 10 3,000 14,626 3.6% 601,956 <td< td=""><td></td><td>n Gallons</td><td>450,000</td><td>337,500</td><td>472,500</td><td>270,000</td><td>360,000</td><td>292,500</td><td>225,000</td><td>270,000</td><td>270,000</td><td>382,500</td><td>315,000</td><td>315,000</td><td>360,000</td><td>450,000</td><td>562,500</td><td>315,000</td><td>405,000</td><td>450,000</td><td>405,000</td><td>135,000</td><td>225,000</td><td>247,500</td><td>202,500</td><td>382,500</td><td>360,000</td></td<>		n Gallons	450,000	337,500	472,500	270,000	360,000	292,500	225,000	270,000	270,000	382,500	315,000	315,000	360,000	450,000	562,500	315,000	405,000	450,000	405,000	135,000	225,000	247,500	202,500	382,500	360,000
Hauled Sludge Loads Gallons #Dy % Solds .nnual Cumulative # Dy 12 44 400		#	0.0	0.0						0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
Loads Gallons Hauled Sludge 12 44400 46.57 40% 14.627	Depths	nk#2 AB	4.0	2.5	5.0	1.0	2.5	2.0	0.0	5.	0.0	5.0	1.0	5.0	3.0	5.0	5.5	0.1	3.0	3.0	0.1	0.0	2.5	3,	0.0	0.4	2.5
Hauled S Loads Gallons # Dry 12	Basir	Tank #1 Ta	6.0	5.0			5.5	4.5	5.0	4.5	6.0	6.5	6.0	5.0	5.0	5.0	7.0	0.9	9.0	7.0	8.0	3.0	2.5	4.0	4,5	4.5	5.5
Hauled S Loads Gallons # Dry 12		imulative # Dry	14,627	79,645	95,383	191,415	262,666	339,541	449,549	540,117	587,330	601,956	668,794	682,371	,	1	136,900	256,228	299,275	330,781	412,987	584,527	584.527	593,044	647,138	647,138	•
Hauled S Loads Gallons # Dry 12 44,400 14,627 12 44,400 15,738 12 303,400 96,032 53 196,100 71,251 70 259,000 76,875 70 259,011 110,008 84 310,800 90,568 43 159,100 14,626 57 210,900 66,838 10 37,000 11,626 10 37,000 11,626 10 37,000 11,626 10 37,000 11,626 10 37,000 11,626 10 57,000 11,626 10 57,000 11,626 10 57,000 11,626 10 57,000 11,626 10 57,000 11,626 10 6,266 11 6,206	dge	Solids unrual Cu	4.0%	4.0%	4.3%	3.8%	4.4%	3.6%	5.1%	3.5%	3.6%	3.6%	3.8%	4.4%	4.4%	4.4%	3.7%	800	4.5%	3.4%	3.9%	3.9%	3.9%	3.1%	4.5%	4.5%	4.5%
Loads Gallons 12	Hauled Sh		14,627	65,018	15,738	96,032	71,251	76,875	110,008	90,568	47.213	14,626	66,838	13,577	0	0	42,800	119,328	43,047	31,506	82,206	171,540	0	8,517	54.094	0	0
Loads 5.2 C C C C C C C C C C C C C C C C C C C			44,400	96,100	44,400	303,400	96,100	000.65	59,011	310,800	159,100	48,100	10,900	37,000											44,300		,
,			12	-		e)		70 2	70 22		43	5	57 2	0	0	0					•		_	_	39	0	0
こうしょう とうしょう しゅうしょ しゅんしょう しゅんしょん	****	Load	90-	5-09	60-	-j-98	۸-09 م	-1-09 -1-09	60-#	3-03	60-0	8	60-	60-0	1-10	10-د		•				_	2-10	1-10	v-10	5-10	n-11









MISSOURI DEPARTMENT OF NATURAL RESOURCES DIVISION OF ENVIRONMENTAL QUALITY

Discharge Monitoring Report For Municipal Wastewater Treatment Plants

	١	AME OF	FACILITY			LOCATION ADDRESS & CITY COUNTY/REGIO												
	Lake of th	e Ozarks	Regional	WWTP #1		#3 Anderson Road Miller/SWRO OUTFALL NUMBER TYPE TREATMENT FACILITY												
MONTH	YEAR		PERMIT	NUMBER	t	OUTFALL	NUMBER											
Jan-		ELLENT	MO-0	103241		#0	01	-sludge i	sludge is land applied % Removal									
	I	FLUENT		[1		EFFL	Ammonia		E. coli							
DATE	pH UNITS	BOD mg/L	TSS mg/L	TEMP °C	FLOW MGD	pH UNITS	BOD mg/L	TSS mg/L	as N mg/l	DO mg/L	COLFRM #/100 ML	TEMP °C	BOD mg/L	TSS mg/L				
1	7.4			11.4	1.491	7.8				5.3		10.9						
2	7.2			11.3	1.211	7.7				5.6		8.6						
3	7.3			12.8	1.127	7.8				5.9		8.5						
4	7.4			11.9	1.065	7.8				6.5		8.8						
5	7.5			12.1	0.974	7.8				6.2		10.1	<u></u>					
6	7.4			12.9	1.064	7.8			0.11	7.1		9.7						
7	7.4	265	222	12.9	1.048	7.8	2.4	2		7.3		11.1	99.1	99.1				
8	7.4			11.8	0.987	7.8				6.9		8.7						
9	7.4			11.9	1.109	7.8				7.1		8.2						
10	7.3			12.4	1.000	7.8				7.2		9.6						
11	7.3			10.5	0.983	7.8				9.1		7.1						
12	7.4			9.1	0.941	7.8				8.3		6						
13	7.4			10.6	1.039	7.7			0.04	8.7		8						
14	7.4	225	154	11.6	1.050	7.7	4.8	4.2		7.7		7.7	97.9	97.3				
15	7.3			12.6	1.036	7.7				7.7		6.9						
16	7.4			10.3	1.216	7.7				7.2		7.2						
17	7.5			11	1.161	7.7				7.3		7.3						
18	7.5			9.8	1.110	7.7				7.6		7.4						
19	7.4			11.3	0.948	7.8				5.8		7.6						
20	7.3			10.7	1.064	7.8			0.12	6.0		7.3						
21	7.4	265	178	9	0.937	7.7	4.6	2.8		6.3		6.1	98.3	98.4				
22	7.4			10.8	1.009	7.8				6.1		6.2						
23	7.5			10.8	1.050	7.8			·	6.9		7.9						
24	7.4			12.9	1.016	7.8				6.5		10.3						
25	7.3			11.5	1.037	7.7				6.2		8.9						
26	7.5			11.2	0.968	7.8				6.8		8.3						
27	7.4			11.4	1.097	7.8			0.1	7.4		8.4						
28	7.5	235	234	12.1	1.203	7.7	4.7	4.4		5.7		9.4	98.0	98.1				
29	7.3			10.9	1.154	7.6				5.7		7.5						
30	7.3		 	10.6	1.203	7.7				6.1		8.4						
31	7.4			10	1.030	7.6				5.7		7.6						
Total	1				33.328													
Avg		248	197	11	1.075		4.1	3.4	0.1	6.8	0.0	8.2	98.3	98.2				
Min	7.2	225	154	9	0.937	7.6	2.4	2.0	0.04	5.3	0.0	6.0	97.9	97.3				
Max	7.5	265	234	13	1.491	7.8	4.8	4.4	0.1	9.1	0.0	11.1	99.1	99.1				

MONTHL	Y EFFLUENT MONITORING	QUARTERLY EFFLUE	ENT MONITORING
DATE	Oil & Grease mg/L	Selenium µg/L	Zinc μg/L
1			
2			
3			
4			
5			
6			
7			
8			
9			
10	< 5.0		
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24	:		
25			
26			
27			, , , , , , , , , , , , , , , , , , ,
28			
29			
30			
31			
otal			
vg	< 5.0	0.00	0.00
lin	< 5.0	0.00	0.00
lax	< 5.0	0.00	0.00

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

	SLUDGE	#1 A	eration Ba	sin, O-Dite	ch, Etc.	#2 A	eration Ba	sin, O-Dite	ch, Etc.	*Weather Conditions					
	DISP.		MIXED				MIXED			Outside	•.	*			
	LBS. DRY	* DO	** MLSS	*Settle		* DO	** MLSS	*Settle		* Ambient	*RAIN	Time			
DATE	WEIGHT			*30 min	Temp ° C	n		*30 min	Temp ° C	Temp °F	inches				
4	<u> </u>	mg/l	mg/l	ml 400		mg/l	mg/l	ml 490	10.5	23	mones	7:30			
1		0.7	3,480	400	10.1	1.1	3,840	480	<u> </u>			7:30			
2		1.1	4,410	600	9	1.2	3,520	400	8.7	18					
3		1.1	4,140	490	9.6	1.9	4,010	530	9.1	24		7:30			
4		2.9	3,960	430	10	1.7	4,250	580	10.5	25		7:30			
5		3.1	3,820	400	10.1	2.3	4,090	490	10.5	32		7:30			
6		3.8	3,780	390	9.9	2.7	4,160	570	9.8	28		7:30			
7		3.8	3,840	390	10.5	1.2	4,140	550	10.7	37		7:30			
8		3.5	4,160	420	10	1.9	3,820	410	10	23		7:30			
9		3.7	3,890	420	9.8	2.2	3,850	450	9.4	23		7:30			
10		4.3	3,970	410	9.3	3.1	4,010	450	9.8	25		7:30			
11		6.6	4,380	540	7.5	5.1	3,790	420	8.1	17	0.3	7:30			
12		6.3	3,800	420	7	5.3	3,720	430	7.4	6		7:30			
13		6.5	3,770	370	6.9	5.9	4,060	530	6.6	6		7:30			
14		6.4	3,780	380	8.3	5.1	4,300	590	8.3	21		7:30			
15		7.2	3,470	430	6.7	5.3	3,970	430	7.1	35		7:30			
16		5.2	4,000	460	7.6	5	3,590	350	7.6	27		7:30			
17		2.7	3,830	450	8.1	4.5	3,710	390	7.8	3 6		7:30			
18		2.3	3,730	400	8	2.7	3,980	490	7.6	39		7:30			
19	·	1.0	3,780	390	9	3.5	3,820	400	8.5	27		7:30			
20		1.7	3,700	380	8.1	4.1	3,950	480	8.1	21	0.5	7:30			
21		2.7	3,680	350	6.7	4.1	3,980	490	7	14		7:30			
22		3.9	3,720	350	8.3	3.7	3,750	400	8.7	24		7:30			
23		3.3	3,760	360	9.1	4.5	3,810	400	9.3	29		7:30			
24		2.4	4,010	400	10.7	3.7	3,650	380	10.5	27		7:30			
25		2.4	4,040	430	9.5	4.8	3,750	370	9.2	24		7:30			
26		2.1	3,7 5 0	350	8.7	5.1	3,690	380	8.8	21		7:30			
27		3.9	3,710	330	8.9	4.3	3,900	390	8.7	24		7:30			
28		1.6	4,290	460	9.9	1.3	3,640	350	10	29		7:30			
29		1.0	3,680	350	8.7	2.8	3,940	400	8	30		7:30			
30		1.1	3,100	270	7.2	1.5	4,390	560	8.3	34		7:30			
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TESTS PERFORMED BY (PRINT)

Frank Hendricks

Frank Hendri

*Required Daily (Monday - Friday)

**Required I/week

LAKE OZARNOSAGE BEACH WMTP Operation Report

ter JANUARY 2011

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Prepared by GH, FH, CW

- P.45

Approved by GH

2/3/2011

Date

(10) If the applicant's system is to be managed, administered or maintained by someone other than a direct employee of the applicant, please provide the name qualifications and direct operator's contact information for the individual/vendor responsible for the system.

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The Joint Sewer Board of the Cities Of Lake Ozark and Osage Beach

APPLICATION FOR CONNECTION FOR SERVICE

	APPLICATION FOR CONNECTION FOR SERVICE
PROJECT NAM	E:
APPLICANT:	
ADDRESS:	
PHONE:	
FAX:	
EMAIL:	
CONTACT PER	SON:

Application Format: On a separate sheet of paper please answer the following questions. Please type each question prior to the applicable response.

- (1) In no more than three pages provide relevant information on the applicant's background and development experience and financial ability to successfully complete the project. Include resumes of key individuals assigned to the project.
- (2) Identify the applicant's consultants involved or proposed to be involved in the project noting relevant experience on similar projects (i.e., civil engineer, land use planner, applicant's legal counsel, applicant's financial advisor).
- (3) Describe the proposed project, including the size and scope and phasing of the proposed project. Specifically outline residential development, if any, to be included in the project.
- (4) Define the boundaries of the proposed service area by address and locator number(s). Include a map of the proposed service area.
- (5) Identify the property which is currently in the control of the applicant via ownership or option. If property is under option, note the option expiration date.
- (6) Is the proposed development consistent with all applicable infrastructure, development, or comprehensive plans?
- (7) State the need and justification for this connection.
- (8) Identify sources, amounts, and status of all debt financing and/or equity funding available to complete the project. Does the applicant anticipate the debt will be privately financed by the construction lender or developer or publicly sold?
- (9) Briefly describe the "environmental and quality of life" benefits of the proposed project to the Lake area.

as an additional insured on the general/environmental/liability insurance policy or policies of the applicant.

The applicant shall adhere to the limitations and approvals of the design of applicant's system as set out in the connection agreement

6. Remedies.

In the event the terms of the connection agreement are violated with regards to quality, quantity, or rate of discharge of the wastewater flow such that treatability at the WWTP is hindered, the Joint Board reserves the right to utilize any or all of the following:

- Physical shutoff of the flow
- Requirement of applicant to cure problem with potential for administrative fees up to \$1,000/day. [Can the Joint Board impose adm. Fees??]
- Financial penalties of 1.25 times the total cost to the Joint Sewer Board to remedy the matter.

7. Plant Ownership

Use of the plant capacity under any agreement may not be in any way construed as an ownership interest by applicant or any other entity or any user acting on behalf of applicant or claiming any interest by virtue of connection to or use of applicant's system. Further, any new service area agreement with any applicant may not in any way diminish or abrogate the ownership interests of the Cities of Lake Ozark and Osage Beach. All applicants begin, continue, and remain as armslength customers of the Joint Sewer Board for the life of the connection.

8. Indemnification and hold harmless

Applicant, shall at all times beginning with the opening of the connection between the applicant's system and either City sewage system or the Joint Sewer Treatment Plant directly, maintain adequate insurance against any loss (including but not limited to any economic or non-economic and environmental damage) caused by the applicant's system or users to the property of either city or the Joint Sewer Treatment Plant. The Applicant shall indemnify and hold harmless the Joint Sewer Board and the Cities of Lake Ozark and Osage Beach for any and all harm caused by the applicant or its operations, both immediate and consequential damages, both upstream from the plant and downstream. This obligation shall last for the life of the connection, the cities and the Joint Sewer Board shall be listed

meter size and outside City minimum monthly bills. The volumetric rate will be the City's then current rate per 1,000 gallons times 1.15.

All monthly sewer billings will be paid directly to the Joint Board. Any late charges or disconnections due to non-payment bills will be in accordance with the Osage Beach ordinace(s) for sewer bill collection/disconnection.

- 3. Limitations on new development / build out schedule

 The applicant shall adhere to the limitations and approvals in the connection agreement that may restrict or limit new development and construction in the applicant's service area and shall not issue any permits to connect in excess of those listed in the agreement without the express consent of the Joint Sewer Board and the City affected. Any expansion of development beyond the original agreement will require a purchase of new capacity as may be decided by the Joint board at the time of the expansion.
- 4. Limitations of quantity and quality of flow

 The applicant shall adhere to the limitations and approvals concerning the
 quantity and quality of the flow sent to the Joint Sewer Treatment Plant as set out
 in the connection agreement and shall not issue any permits to connect in excess
 of or violation of those listed in the agreement without the express written consent
 of the Joint Sewer Board and the City affected.

The design and construction of applicant's system shall provide all necessary facilities for equalization of the flow of sewage to level the demand on the capacity of the Joint Sewer Treatment Plant and ensure that the impact of the applicant's system will not exceed the agreed upon flow at any time. This may include holding tanks, equalization basins or other infrastructure built into the applicant's system, necessary to minimize flow from the applicant's system during periods of high demand on the capacity of the plant. The control of this infrastructure, which is part of the applicant's system, must be accessible by the attached city and the Joint Sewer Board or its agents as necessary to achieve or verify the equalization of the flow of sewage.

5. Approval of design

Applications which are determined to be incomplete or do not conform to this policy or the City's policies will not be forwarded to that city's Board of Aldermen/City Council. Applicants are responsible for monitoring the status of their applications.

7. BOARD OF ALDERMEN/CITY COUNCIL

The Board of Aldermen/City Council for each City may elect to have a study session on the application and/or hold a public hearing before consideration of an ordinance approving the connection requested in the application. Any input by the Joint Sewer Board may be considered in the City's approval process.

8. JOINT SEWER TREATMENT PLANT BOARD

Once the applicable City adopts an ordinance approving a connection to its system, or in the case of a direct connection to the WWTP a recommendation is received by the applicable City staff, the Joint Sewer Board will consider, approve, or deny treatment at the WWTP via a connection agreement. Key parameters of the required connection agreement will include:

1. Fee for Connection to the Plant (one-time capacity charge)

The fee for connection to the plant shall be a one-time, upfront capacity charge based on the anticipated volume of wastewater flows from the applicant's development. The charge rate will be based on the current estimated capacity replacement price expressed in \$/gallon/day of installed treatment plant cost. This rate will be established by the Joint Board at the time of application and will be based on engineering estimates for replacement capacity at the time of approval of the connection agreement.

All connection fees will be paid directly to the Joint Board when the connection agreement is executed.

2. Fee for Treatment (monthly sewer billing)
For a dedicated sewer line that reaches the plant directly without connection through the sewerage infrastructure of either city, a monthly sewer billing, prepared by the City of Osage Beach on behalf of the Joint Board will be due and payable. The rates will be based on the then current Osage Beach sewer rates for

4. OVERVIEW OF THE PROCESS

- 1. Applications will be submitted by the applicant to either the City of Lake Ozark or the City of Osage Beach as identified in Section 3, above.
- 2. The applicable City will send copies of the application to the Joint Sewer Board.
- 3. City staff will review the application and determine whether the application is complete and whether the proposed project is eligible under the policy. The Joint Board will also be reviewing the application simultaneously to confirm eligibility.
- 4. City staff will inform the Joint Sewer Board that the application meets the requirements of this policy and all requirements of the individual city through which the new connection is made.
- 5. The individual city through which the new connection is made approves the agreement by ordinance.
- 6. The Joint Sewer Board approves a connection agreement with the applicant.

5. APPLICATION PROCESS

Not less than six (6) copies of the completed application should be submitted to the applicable City Administrator.

Upon submission, the application will be reviewed by City staff and the Joint Board to determine if it is complete. If the application is determined to be incomplete or if additional information is needed, the applicant will be notified and will be asked to supply such additional information as may be required, for engineering, financial, legal or planning and development review.

6.STAFF REVIEW

Review of the application will be conducted by the City's departments of Engineering, Public Works, Finance, Law, Planning and Administration, and, when deemed appropriate, by other professionals as the city may require.

Prior to making its recommendation to the Joint Sewer Board the City staff may require an independent feasibility study by an expert of the City's choosing. The cost of such study shall be paid by the Applicant.

The Joint Sewer Board of the Cities Of Lake Ozark and Osage Beach

Service Area Connections Policy¹

Adopted/Latest Revision October 29, 2010

1. PURPOSE OF THIS POLICY

The Joint Sewer Board encourages environmentally responsible new development in the lake region and takes seriously its obligation to operate the plant in a responsible and professional manner and to balance that obligation with its desire to see the lake region as a whole, continue to develop and prosper. We have adopted this Policy as a guide and procedure for new developers who plan to send wastewater for final treatment at the Joint Wastewater Treatment Plant. We encourage developers to call us directly at the beginning of the process so we can move forward in a cooperative and mutually beneficial manner.

2. JOINT SEWER BOARD CORE VALUES

These are the core values of the Joint Sewer Board in the operation of the plant and consideration of the addition of new users to the system.

- 1. Protect the plant infrastructure
- 2. Preserve adequate cash flow to operate and maintain the plant
- 3. Protect and serve the existing customers efficiently
- 4. Service future development within each city
- 5. Contribute to lake water quality efforts by safely and completely treating all acceptable effluent in the Lake of the Ozarks region
- 6. Assure adequate future capacity for growth in the lake region

3. INQUIRIES

For inquiries about new connections through the City of Lake Ozark, please call the City Administrator for the City of Lake Ozark at 573-365-5378.

For inquiries about new connections, through the City of Osage Beach or directly to the Joint Sewer Plant, please call the City Administrator for the City of Osage Beach at 573-302-2000 ext 254.

Important Notice and Disclaimer: The attached policy was adopted by The Joint Sewer Board of the Cities of Lake Ozark and Osage Beach to assist developers as they consider whether a prospective project is eligible for connection to the Joint Sewer Board's WWTP... The Joint Sewer Board reserves the right to reject a project if necessary or to waive any non-conformance to these policies.