

**OSAGE BEACH/LAKE OZARK
JOINT SEWER BOARD MEETING**

AGENDA

January 18, 2011

5:15 p.m.

@**Lake Ozark City Hall******

1. CALL TO ORDER

2. ROLL CALL

Committee Members

Penny Lyons, Mayor, Osage Beach
Johnnie Franzekos, 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

3. MINUTES

Minutes from November 16, 2010

Page Numbers

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4. REPORTS- November and December have been combined

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Balance Sheet	16
Check Registers & Bank Statements	17-22
November 2010 Alliance Report & Flow Report	23-41
December 2010 Alliance Report & Flow Report	42-56

5. NEW BUSINESS

A. Amendment to Agreement Made November 18, 2008 By and Between the Joint Sewer Board of Lake Ozark and Osage Beach And Alliance Water Resources, Inc	57
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6. OLD BUSINESS

A. Review and further discussion of the New Service Area Connections Policy of the Joint Sewer Board of the Cities of Lake Ozark and Osage Beach	58-65
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7. DISCUSSION

8. ADJOURNMENT

THE NEXT MEETING WILL BE FEBRUARY 15, 2011 @ 5:15 PM @ OSAGE BEACH CITY HALL

DNR

LAKE OZARK - OSAGE BEACH
Joint Sewer Board
MINUTES OF MEETING

~~October 19, 2010~~

Nov 16

CALL TO ORDER: Mayor Penny Lyons called the meeting to order @ 5:15 P.M., at The Joint Sewer Treatment Plant.

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

ADOPTION OF PREVIOUS MINUTES:

Mayor Penny Lyons asked for a motion to approve the minutes from ~~November 16, 2010~~ ^{Oct 19} meeting. City Administrator Nancy Viselli stated that she contacted the Clerk to inform her of a few changes to the minutes, an amended copy of the minutes was provided to Members. City Administrator Viselli stated that the changes she requested to be made was under the **2011 Budget** item, the minutes showed her stating that a three year average would be taken to figure in the percentages for the Cities, however, she had actually stated that a method for determining the percentage each city pays when the budget is prepared is based on actual from the last three months of the preceding year and the actual from the first nine months of the current year.

City Administrator Viselli also stated that under the **2011 Budget**, the minutes reflected Public Works Director Rick King stating that he thought an approval from a Consulting Firm would be needed, City Administrator Viselli requested that be changed to a Professional Engineer not a Consulting Firm.

A motion was then made to by City Administrator Nancy Viselli to approve the amended minutes that were handed out to Members; second by Mayor Johnnie Franzeskos. All present voted aye. Motion carried.

BILLS:

Members reviewed the Bills List, some discussion occurred.

Mayor Franzeskos made a motion to approve the Bills List, second by Board Member Gary Hamner. All present voted aye. Motion carried.

Public Works Director Michalik applauded Alliance Member Gary Hutchcraft on finding a Contractor to repair the collapsed line and getting it completed so quickly at such a low cost.

REPORTS:

INCOME & EXPENSE SUMMARY/ER FUND ANALYSIS

Members reviewed. No discussion.

REVENUE BUDGET ANALYSIS

Treasurer Karri Bell informed Members that she had received a check from the Insurance Company for \$683.00; which is a reimbursement for the chlorine items that were removed. Treasurer Bell stated that this was a reduction of the entire year's premium.

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 October 2010 was 1.131 mgd. We had 0.4 inches of precipitation measured at the WWTP in October 2010.

Operationally, the plant's discharge was excellent, with an effluent monthly average BOD and TSS of 1.4 mg/l and 1.5 mg/l respectively for October 2010. This represented better than a 99.5+% average removal.

The MLSS combined average for both aeration basins was 3,570 mg/l in October 2010. The total dry weight sludge inventory for October 2010 totaled 173,603 pounds. Plant personnel were able to land apply 9 loads of biosolids in October 2010.

Gary Anger informed Members that as of November 11th, 2010 the draft NPDES permit is still with the Missouri Department of Natural Resources.

Gary Anger stated that he forwarded his comments on the Joint Sewer Board Connection Policy to Mr. Ed Rucker on October 29, 2010.

Mayor Penny Lyons asked for a motion to approve the October 2010 Alliance Reports and Flow Reports. Alderman Don Langley made a motion to approve the Alliance Reports and Flows, second by Mayor Johnnie Franzekos. All voted aye, motion carried.

NEW BUSINESS:

No discussion occurred.

OLD BUSINESS:

A. Generators:

Gary Anger informed Members that he was unable to contact Debbie Rather, therefore he has no new updates.

B. 2011 Budget:

Treasurer Karri Bell stated that an amendment to the 2010 Budget needs to be done tonight to approve adding \$20,000.00 to the Equipment Replacement Fund for the repair of the collapsed line.

A motion was made by Mayor Johnnie Franzekos to amend the 2010 Budget to add \$20,000.00 to the Equipment Replacement Fund; second by Public Works Director Matt Michalik. All present voted aye, motion carried.

Gary Hutchcraft stated that the aerator will need to be replaced; Members agreed putting \$10,000.00 instead of \$5,000.00 in the Equipment Replacement Fund.

Members then agreed to move to item C for discussion.

C. Update regarding Alliance Power Compensation:

Gary Anger informed Members that a meeting was held at the City of Osage Beach on November 5, 2010 to review and discuss Alliance's request to increase the contract's monthly power benchmark from \$4,800.00 to \$5,285.00 each month, retroactive to January 1st, 2010.

Anger stated those in attendance were: Mayor Penny Lyons, City Administrator Nancy Viselli, Public Works Director Rick King, Osage Beach City Engineer Nick Edelman, City Administrator Dave Van Dee, Board Member Gary Hamner, and Alliance Members Gary Anger and Gary Hutchcraft.

Mr. Anger stated that Alliance provided a work sheet to quantify the additional power cost resulting from Ameren UE Missouri rate increases during 2010, unless an adjustment to the power benchmark occurred before January 1st, 2011, Alliance would be required to pay 50% of the extra power cost during the "true up" specified in the contract early in 2011.

Mr. Anger informed Members that the worksheet was discussed at length, and in his opinion two things were decided, they are as followed;

- No adjustment to the power benchmark will occur in November since the total power overrun will be quantified at the time of "true up". Since power usage is less in 2010 than in 2009, all excess power cost will be due to the rate increases, and Alliance will bill the Joint Sewer Board for 100% of the power overrun.
- Beginning January 1st, 2011 all power costs will be paid directly by the Joint Sewer Board. Alliance will provide a Memorandum of Agreement for execution by the Board in the January 2011 meeting modifying the contract to reflect this. There will be a provision that if power usage is more than 105% of the previous year, the Board and Alliance will discuss the reasons.

Members agreed on the above changes. Members discussed how this will affect the 2011 Budget; Board Member Gary Hamner suggested splitting out the Management Fee for **Power** and producing a new line item for **Power Cost** in the 2011 Budget. Members agreed budgeting **\$65,000.00** for the 2011 Budget. Members also agreed on a process for paying the bill each

month, which will include Alliance Members Gary Hutchcraft reviewing and approving the bill and he will then send it to Treasurer Karri Bell to be paid.

Members went back to item B, 2011 Budget.

B. 2011 Budget:

Mayor Penny Lyons asked for a motion to approve the 2011 Budget, Board Member Gary Hamner ask if both Cities were comfortable with the 2011 Budget, both Cities agreed they were. A motion was made by Mayor Johnnie Franzekos to approve the 2011 Budget; second by City Administrator Nancy Viselli. All present voted aye, motion carried.

DISCUSSION:

Members agreed as always there will not be a December Meeting, Members also agreed upon holding the January 2011 Joint Sewer Meeting at Lake Ozark City Hall and the February 2011 Meeting at Osage Beach City Hall.

Alliance Member Gary Anger also invited all Members to attend an "After Christmas Party" following the January 2011 Meeting at an undecided location at this time. Mr. Anger informed Members that he will send out an e-mail notifying Members were this will be held.

ADJOURNMENT

Osage Beach Mayor Penny Lyons adjourned meeting at 5:37 pm.

Next Meeting: January 18, 2011 at 5:15 p.m at Lake Ozark City Hall.

Penny Lyons, Mayor

Julie Huttenlocker, Joint Sewer Clerk

JOINT SEWER BOARD

BILL LIST

January 18, 2010

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	53,844.37
OPERATING FUND BILLS TO BE PAID:	\$	5,884.79
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	-
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$	-

TOTAL	\$	59,729.16
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OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Check	Paid To:	Description:	Amount:
4170	3064	Alliance Water Resources, Inc.	Management Fee	\$ 26,055.68
4000	3065	Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.17
4010	3066	Equipment Replacement Fund	New Basin -Loan Payment	\$ 2,330.12
4020	3067	Alliance Water Resources, Inc.	Main & Repair	\$ 137.30
4020	3067	Alliance Water Resources, Inc.	Vehicle Repair/Main	\$ 67.03
4170	3068	Alliance Water Resources, Inc.	Management Fee	\$ 21,787.07

TOTAL	\$	53,844.37
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OPERATING FUND BILLS TO BE PAID:

add Wenny \$1,523.00

Account	Check	Paid To:	Description:	Amount:
4000	3069	Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.17
4010	3070	Equipment Replacement Fund	New Basin -Loan Payment	\$ 2,330.12
4020	3071	Alliance Water Resources, Inc.	Main & Repair	\$ 87.50

\$	5,884.79
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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:
				\$ -

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: 4749

Invoice Date: 01-Jan-11

Customer No: 20220

Terms: 30 days

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

FILE COPY

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: 4779

Invoice Date: 01-Jan-11

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	HD Supply - 1 Invoice - 50%	\$87.50
TOTAL DUE		\$87.50



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 #	2375119
INVOICE DATE	12/21/10
ACCOUNT #	116902
SALESPERSON	STEVEN BURKE
BRANCH #	138
Total Amount Due	\$188.08

Remit To:

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

449 1 MB 0.382 E0435X 10593 D278630872 P679707 0001:0001



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

Shipped to:

CUSTOMER PICK-UP -

Return Top Portion With Payment For Faster Credit

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

Date Ordered	Date Shipped	Customer PO No.	Job Name	Job No.	Bill of Lading	Shipped Via	Order Number
12/09/10	12/20/10	VERBAL	PUMP PARTS			YOUR TRUCK	2375119
Product Code	Description	Quantity Ordered	Quantity Shipped	Back-Ordered	Price	Per	Amount
/80009279738	#0842-S394 S394-BSC-KO SEAL KIT BUNA SIC CAR 3"ENG DRVN TRASH	1	1		175.00000	EA	175.00
GL Acct#: 6705-20 \$100.58 1220-20 \$87.50							
Signature: <i>Ray Hutchcraft</i>							
Date: 12/27/10							

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	175.00

Freight	Delivery	Handling	Restock	Misc.	Tax	INVOICE TOTAL	
					13.08	\$188.08	

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

THANK YOU FOR YOUR ORDER
VISIT
WATERWORKS.HDSUPPLY.COM
FOR OTHER SERVICES OFFERED

INVOICE: 2375119

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: 4719

Invoice Date: 01-Dec-10

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Wastewater Plant operating service for month of: Dec-10	
	Base Fee	\$21,255.68
	Power Fee	\$4,800.00
TOTAL DUE		\$26,055.68

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: 4747

Invoice Date: 01-Dec-10

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	The Home Depot - 1 Invoice - 50%	\$137.30
	Roemer's Truck Repair - 1 Invoice - 50%	\$67.03
TOTAL DUE		\$204.33

17297

P. 11



More saving.
More doing.™

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

3027 00004 95117 11/03/10 09:21 AM
CASHIER TINA - TG28CO

051751019117 24' FG. EXT <A>	229.00
021709008333 HAND SOAP <A>	10.98
028874049208 CUP BRUSH <A>	13.97
020066187606 2X KHAKI <A>	20.64
693.44	

SUBTOTAL	274.59
SALES TAX	20.53
TOTAL	\$295.12
XXXXXXXXXXXX6759 HOME DEPOT	295.12
AUTH CODE 003181/3041672	TA
P.O.#/JOB NAME: GARY	

ALLIANCE WATER RESOURCES
WATER RESOURCES ALLIANCE



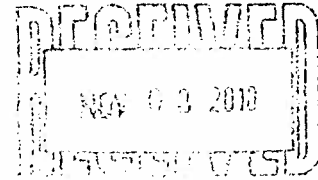
3027 04 96117 11/03/2010 2873

RETURN POLICY DEFINITIONS
POLICY ID DAYS POLICY EXPIRES ON
A 1 90 02/01/2011

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 STOREWIDE

24'
FIBERGLASS EXTENSION
LADDER



GL Acct#: 6705-20 \$157.82 1220-20 \$137.30

Signature: Gary Hutchings

Date: 11/3/10

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

Account Number	Account Name	2008	2009	2010	2010	2010	Percent
		Actual	Actual	Budget	Actual as of 12/31/2010	December Revenue	YTD
3020	Osage Beach	367,001.29	497,506.57	416,500.00	407,036.02	33,641.83	98%
3020	OB Legal Transfer	120,000.00	0.00	0.00	0.00	0.00	0%
3010	Lake Ozark	65,790.71	88,558.73	73,500.00	92,130.61	7,191.50	125%
3100	Interest	389.56	47.88	75.00	136.11	15.20	181%
3060	Waste Haulers' Fee	39,520.00	45,240.00	36,000.00	41,630.00	0.00	116%
3030	Misc Income Gen Grant	0.00	209.40	95,000.00	0.00	0.00	0%
Total Operating Fund		592,701.56	631,562.58	621,075.00	540,932.74	40,848.53	87%
E/R Fund Income		1,641.42	1,183.30	1,000.00	1,645.40	345.24	165%
TOTAL INCOME		594,342.98	632,745.88	622,075.00	542,578.14	41,193.77	87%

*\$ 9166.63 ?
diff.*

**MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
12/31/2010**

Account Number	Account Name	2008 Actual	2009 Actual	2010 Budget	2010 Actual as of 12/31/2010	2010 December Expenses	Percent YTD
4000	Equipment Replace Fund	41,606.04	41,606.04	42,000.00	41,606.04	3,467.17	99%
4010	ERF Repayment	27,961.44	27,961.44	27,961.44	27,961.44	2,330.12	100%
4020	***Maintenance & Repair	19,996.86	34,052.32	39,500.00	15,611.62	137.30	40%
4140	Insurance	16,577.00	16,305.00	17,000.00	16,211.00	0.00	95%
4150	Vehicle Repair/Maint	1,148.56	5,906.73	3,000.00	2,660.05	67.03	89%
4160	Haulers Fees to Contractor	18,510.00	8,600.00	8,000.00	8,000.00	0.00	100%
4170	Contract Management	284,156.63	308,837.65	306,279.00	312,836.20	26,055.68	102%
4190	Miscellaneous	200.46	0.00	0.00	0.00	0.00	0%
4200	Audit	1,500.00	1,550.00	1,600.00	1,600.00	0.00	100%
4220	Professional Service	172,811.12	155,052.28	25,000.00	24,828.71	0.00	99%
4240	*Capital Purchases	0.00	5,339.49	127,500.00	1,659.40	0.00	1%
	Totals	584,468.11	605,210.95	597,840.44	452,974.46	32,057.30	76%
	**E/R Expenses	18,959.78	41,562.00	34,200.00	31,809.73	0.00	93%
	TOTAL EXPENSES	603,427.89	646,772.95	632,040.44	484,784.19	32,057.30	77%

Equipment Replacement Fund

**** E/R Capital Purchase Detail:**

Complete 4/10	Pista Grit Lift Tube	4,000.00	Complete 4/10	3" Trash Pump	2,500.00
Complete 8/10	Replace Furnace	8,500.00		Generator	95,000.00
	Hach LDO BOD Meter	1,700.00		Transfer Switch	30,000.00
	Total:	14,200.00		Total:	127,500.00

Operating Fund

***Capital Purchase Detail:**

Complete 5/10	Parking Lot Seal	1,500.00
Complete 8/10	UV Spare Parts	5,000.00
	#2 Aeration Basin Main.	25,000.00
	Rock for Road	2,000.00
	Normal Maintenance	6,000.00
	Total:	39,500.00

*****Maintenance & Repair**

Complete 5/10	Parking Lot Seal	1,500.00
Complete 8/10	UV Spare Parts	5,000.00
	#2 Aeration Basin Main.	25,000.00
	Rock for Road	2,000.00
	Normal Maintenance	6,000.00
	Total:	39,500.00

*Add \$12,500
eqw
SBA*

OPERATING FUND INCOME AND EXPENSE SUMMARY
12/31/2010

Beginning Balance	169,147.03
Income - Osage Beach	33,641.83
Income - Lake Ozark	7,191.50
Income - Other	0.00
Income - Waste Haulers' Fees	0.00
Interest - Checking	15.20
Transfers From E/R Fund	0.00
Transfers to E/R fund	-5,797.29
Expenses	-26,260.01
Ending Fund Balance	177,938.26
NOW Account - Central Bank	177,938.26
Outstanding Checks:	
Deposit in Transit:	0.00
	177,938.26

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
12/31/2010

Beginning Balance	168,251.49
Interest - Checking	7.65
Transfers From E/R Fund	5,797.29
Transfers to E/R Fund	0.00
Income - CD Interest	337.59
Income - Miscellaneous	0.00
Expenses	0.00
Ending Fund Balance	174,394.02
NOW Account - First Bank	62,832.26
CD First National Bank, 1.40%, 01/10/11	111,561.76
Deposit in Transit	0.00
Outstanding Checks:	0.00
	174,394.02

**OPERATING FUND
BALANCE SHEET
12/31/2010**

		DEBITS	CREDITS	
ASSETS	CASH AND INVESTMENTS	177,938.26		
ACCOUNTS PAYABLE	DUE TO E.R. FUND - BASIN		76,593.53	
EQUITY	FUND BALANCE		101,344.73	
TOTAL OPERATING FUND		177,938.26	177,938.26	-

**EQUIPMENT REPLACEMENT FUND
BALANCE SHEET
12/31/2010**

		DEBITS	CREDITS	
ASSETS	CASH AND INVESTMENTS	174,394.02		
ACCOUNTS RECEIVABLE	DUE FROM OPERATING FUND - BASIN	76,593.53		
EQUITY	FUND BALANCE		250,987.55	
TOTAL EQUIPMENT REPLACEMENT FUND		250,987.55	250,987.55	-

Operating Fund

CHECK REGISTER - JOINT SEWER BOARD OPERATION FUND

reconciled balance 7/31/10				127,816.64
3042	Alliance Water Resources, Inc.	X	26,055.68	101,760.96
3043	ER Fund Transfer	X	3,467.17	98,293.79
3044	ER Fund Loan Payment	X	2,330.12	95,963.67
3045	Alliance Water Resources, Inc.	X	922.40	95,041.27
3047	UV Doctor	X	2,450.98	92,590.29
	Deposit	X	12,290.00	104,880.29
	Deposit	X	6,925.60	111,805.89
	Deposit	X	33,907.73	145,713.62
	Interest	X	12.18	145,725.80
reconciled balance 8/31/10				145,725.80
3046	CED	X	1,000.87	144,724.93
3048	GK&C	X	1,600.00	143,124.93
3049	Alliance Water Resources, Inc.	X	26,055.68	117,069.25
3050	ER Fund Transfer	X	3,467.17	113,602.08
3051	ER Fund Loan Payment	X	2,330.12	111,271.96
3052	Alliance Water Resources, Inc.	X	949.05	110,322.91
3053	Roemers Heavy Equip	X	1,916.13	108,406.78
3054	Bryan Cave LLP	X	547.89	107,858.89
	Deposit	X	6,642.26	114,501.15
	Deposit	X	34,191.07	148,692.22
	Deposit	X	1,860.00	150,552.22
	Interest	X	11.57	150,563.79
reconciled balance 9/30/10				150,563.79
3055	Alliance Water Resources, Inc.	X	26,055.68	124,508.11
3056	ER Fund Transfer	X	3,467.17	121,040.94
3057	ER Fund Loan Payment	X	2,330.12	118,710.82
3058	Alliance Water Resources, Inc.	X	1,063.06	117,647.76
3059	Bryan Cave LLP	X	2,538.91	115,108.85
	Deposit	X	6,770.90	121,879.75
	Deposit	X	34,062.43	155,942.18
	Deposit	X	2,600.00	158,542.18
	Interest	X	13.40	158,555.58
reconciled balance 10/31/10				158,555.58
3060	Alliance Water Resources, Inc.	X	26,055.68	132,499.90
3061	ER Fund Transfer	X	3,467.17	129,032.73
3062	ER Fund Loan Payment	X	2,330.12	126,702.61
3063	Alliance Water Resources, Inc.	X	605.33	126,097.28
	Deposit	X	6,796.13	132,893.41
	Deposit	X	34,037.20	166,930.61
	Deposit	X	1,520.00	168,450.61
	Deposit	X	683.00	169,133.61
	Interest	X	13.42	169,147.03
reconciled balance 11/30/10				169,147.03
3064	Alliance Water Resources, Inc.	X	26,055.68	143,091.35
3065	ER Fund Transfer	X	3,467.17	139,624.18
3066	ER Fund Loan Payment	X	2,330.12	137,294.06
3067	Alliance Water Resources, Inc.	X	204.33	137,089.73
	Deposit	X	7,191.50	144,281.23
	Deposit	X	33,641.83	177,923.06
	Interest	X	15.20	177,938.26
reconciled balance 12/31/10				177,938.26



P.O. Box 4500, Jefferson City, MO 65102
(573) 348-2761 001921

Return Service Requested

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.



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

Period 11/01/2010-11/30/2010 Page 1 of 2

Web Address www.cbolobank.com

M 000007297 M 4

Your Financial Summary on November 30, 2010

Account Balances & Other Assets

Checking	\$ 169,147.03
Total	\$ 169,147.03

Detailed Explanation of Account Balances and Other Assets

Basic Plus Interest Checking

No. 000007297	Beginning Balance October 29, 2010	\$ 158,555.58
Deposits		
Nov. 16 Deposit		683.00
Nov. 16 Deposit		6,796.13
Nov. 16 Deposit		34,037.20
Nov. 19 Deposit		1,160.00
Nov. 29 Deposit		360.00
Nov. 30 Interest Earned		13.42

Total +\$ 43,049.75

Checks

Check No.	Date Paid	Amount	Check No.	Date Paid	Amount
3060	Nov. 15	26,055.68	3062	Nov. 19	2,330.12
3061	Nov. 19	3,467.17	3063	Nov. 18	605.33

Total -\$ 32,458.30

Ending Balance November 30, 2010 \$ 169,147.03

Number of days since last statement/interest cycle 30
Beginning and ending dates for calculation of statement/interest cycle are 11/01/2010 through 11/30/2010
Average collected balance 163,255.00
Interest rate 0.10%
Annual percentage yield earned 0.10%



Central Bank of Lake of the Ozarks

P.O. Box 4500, Jefferson City, MO 65102
(573) 348-2761 001920

Return Service Requested

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.



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

Period 12/01/2010-12/31/2010 Page 1 of 2

Web Address
www.cbolobank.com

M 000007297 M 4

Your Financial Summary on December 31, 2010

Account Balances & Other Assets

Checking	\$ 177,938.26
Total	\$ 177,938.26

Detailed Explanation of Account Balances and Other Assets

Basic Plus Interest Checking

No. 000007297 Beginning Balance November 30, 2010 \$ 169,147.03

Deposits

Dec. 16 Deposit	7,191.50
Dec. 16 Deposit	33,641.83
Dec. 31 Interest Earned	15.20

Total **+\$ 40,848.53**

Checks

Check No.	Date Paid	Amount	Check No.	Date Paid	Amount
3064	Dec. 22	26,055.68	3066	Dec. 17	2,330.12
3065	Dec. 17	3,467.17	3067	Dec. 22	204.33

Total **-\$ 32,057.30**

Ending Balance December 31, 2010 **\$ 177,938.26**

Number of days since last statement/interest cycle	31
Beginning and ending dates for calculation of statement/interest cycle are	12/01/2010 through 12/31/2010
Average collected balance	178,946.00
Interest rate	0.10%
Annual percentage yield earned	0.10%
Interest earned year to date	136.11

Check CD Rates

CHECK REGISTER - JOINT SEWER BOARD EQUIPMENT REPLACEMENT FUND

				reconciled balance 12/31/09	134,990.87
	Deposit	X		5,797.29	140,788.16
1115	FNB CD	X	110,000.00	-	30,788.16
	Interest	X		18.79	30,806.95
				reconciled balance 1/31/10	30,806.95
	Interest	X		2.44	30,809.39
	Deposit	X		5,797.29	36,606.68
				reconciled balance 2/28/10	36,606.68
	Interest	X		3.53	36,610.21
	Deposit	X		5,797.29	42,407.50
				reconciled balance 3/31/10	42,407.50
1116	Controlled Heat & Cool	X	8,420.00		33,987.50
	Interest	X		3.44	33,990.94
	Deposit	X		5,797.29	39,788.23
				reconciled balance 4/30/10	39,788.23
	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



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

009 00010 26
ACCOUNT:
DOCUMENTS:

100395311
3

PAGE: 1
11/30/2010

1
10

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

=====

ARE YOU USING ON-LINE BANKING?
IT'S EASY TO USE, SAFE AND AVAILABLE 24/7
STOP IN THE BANK AND SIGN UP TODAY.

=====

=====

BUSINESS MMDA ACCOUNT 100395311

=====

LAST STATEMENT 10/29/10	72,969.47
2 CREDITS	5,806.55
2 DEBITS	21,748.70
THIS STATEMENT 11/30/10	57,027.32

----- DEPOSITS -----

REF #	DATE	AMOUNT	REF #	DATE	AMOUNT	REF #	DATE	AMOUNT
	11/18	5,797.29						

----- OTHER CREDITS -----

DESCRIPTION	DATE	AMOUNT
INTEREST	11/30	9.26

----- CHECKS -----

CHECK #	DATE	AMOUNT	CHECK #	DATE	AMOUNT	CHECK #	DATE	AMOUNT
1118	11/24	18,750.00	1119	11/22	2,998.70			

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

AVERAGE LEDGER BALANCE:	70,379.67	INTEREST EARNED:	9.26
AVERAGE AVAILABLE BALANCE:	70,379.67	DAYS IN PERIOD:	32
INTEREST PAID THIS PERIOD:	9.26	ANNUAL PERCENTAGE YIELD EARNED:	.15
INTEREST PAID 2010:	75.99		

*** CONTINUED ***

NOTICE: SEE REVERSE SIDE FOR IMPORTANT INFORMATION



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

009 00010 26
ACCOUNT:
DOCUMENTS:

100395311
1

PAGE: 1
12/31/2010

1
10

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

FIRST BANK OF THE LAKE HAS A NEW ADDRESS
4558 OSAGE BEACH PARKWAY SUITE 100
OSAGE BEACH, MO 65065

BUSINESS MMDA ACCOUNT 100395311

LAST STATEMENT 11/30/10 57,027.32
2 CREDITS 5,804.94
DEBITS .00
THIS STATEMENT 12/31/10 62,832.26

DESCRIPTION
WIRE TRANSFER
INTEREST

OTHER CREDITS

DATE AMOUNT
12/16 5,797.29
12/31 7.65

I N T E R E S T

AVERAGE LEDGER BALANCE: 60,019.46 INTEREST EARNED: 7.65
AVERAGE AVAILABLE BALANCE: 60,019.46 DAYS IN PERIOD: 31
INTEREST PAID THIS PERIOD: 7.65 ANNUAL PERCENTAGE YIELD EARNED: .15
INTEREST PAID 2010: 83.64

ITEMIZATION OF OVERDRAFT AND RETURNED ITEM FEES

	TOTAL FOR THIS PERIOD	TOTAL YEAR TO DATE
TOTAL OVERDRAFT FEES:	.00	.00
TOTAL RETURNED ITEM FEES:	.00	.00

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

Olympian Village

Parkville

Phelps County #2

Platte County #C-1

Proctor & Gamble

Ralls County #1

Sedalia

St Charles County #2

St Genevieve

Troy

IOWA

Maquoketa

Tipton

REPORT OF OPERATIONS

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

Month of November 2010

Submitted by Alliance Water Resources, Inc. for the

January 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

	<u>BOD mg/l</u>	<u>TSS mg/l</u>	<u>pH</u>	<u>Fecal Coliform Colonies/100 ml</u>
Monthly Average	1.6	1.4	NA	0
Peak Day	1.9	1.8	8.0	0
Percent Removal	99.3	99.5	NA	NA

NPDES EFFLUENT LIMITATIONS

	<u>BOD mg/l</u>	<u>TSS mg/l</u>	<u>pH</u>	<u>Fecal Coliform 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 1.012 MGD or 34% of Permitted flow with Lake Ozark contributing 18% of the total flow and Osage Beach contributing 82%. 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 61328 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 39 tanker loads of bio-solids during the month equivalent to a total of 144,300 gallons and 54,094 pounds dry weight solids.

647,138 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 230,625 gallons with a level of 4.5 feet in Tank 1 and 0.0 feet in Tank 2.

WASTEHAULERS

The plant received 16 loads of septage during the month totaling 38,000 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)
- Spray Com Utilities Inc. was here on the 1st to start the repair of the collapsed 10" clay tile plant drain and was back the 2nd to install the CIPP liner and everything went very good.
- We put clarifier #2 back on line the 16th and took #1 off line on the 17th for annual inspection and put it back online on the 22nd. We also started taking clarifier #3 offline on the 30th and probably won't put it back online, unless needed, until after the first of the year.

SAFETY

- We conducted our monthly routine Safety Meeting on Hazard Communication, on the 4th of November.

REGULATORY AGENCY, INSPECTION AND REPORTS

- Mailed DMR to MDNR on the 3rd of November.
- We received our 4th quarter 503 regs lab results on the 10th and everything looked good. (see attachment)

MISCELLANEOUS AND RECOMMENDATIONS

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF November 2010

DATE		FLOW					BOD 5 MG/L			TSS MG/L		
	RAIN FALL IN.	LO mgd	OB mgd	COMB mgd	% LO	% OB	LO mg/l	OB mg/l	COMB mg/l	LO mg/l	OB mg/l	COMB mg/l
1-Nov		0.179	0.762	0.941	19.0	81.0						
2-Nov	1	0.189	0.934	1.123	16.8	83.2						
3-Nov		0.168	0.792	0.960	17.5	82.5						
4-Nov		0.173	0.825	0.998	17.3	82.7						
5-Nov		0.178	0.811	0.989	18.0	82.0	267	250	210	224	270	262
6-Nov		0.188	0.889	1.077	17.5	82.5						
7-Nov		0.203	0.940	1.143	17.8	82.2						
8-Nov		0.172	0.876	1.048	16.4	83.6						
9-Nov		0.155	0.761	0.916	16.9	83.1						
10-Nov		0.155	0.800	0.955	16.2	83.8						
11-Nov		0.160	0.759	0.919	17.4	82.6						
12-Nov		0.166	0.737	0.903	18.4	81.6	265	292	310	150	248	388
13-Nov	0.25	0.183	0.898	1.081	16.9	83.1						
14-Nov		0.196	0.922	1.118	17.5	82.5						
15-Nov		0.169	0.738	0.907	18.6	81.4						
16-Nov		0.177	0.718	0.895	19.8	80.2						
17-Nov		0.158	0.645	0.803	19.7	80.3						
18-Nov	0.2	0.153	0.735	0.888	17.2	82.8						
19-Nov		0.147	0.644	0.791	18.6	81.4	267	207	222	180	182	230
20-Nov		0.155	0.759	0.914	17.0	83.0						
21-Nov		0.172	0.843	1.015	16.9	83.1						
22-Nov		0.156	0.775	0.931	16.8	83.2						
23-Nov	0.5	0.169	0.874	1.043	16.2	83.8						
24-Nov	1	0.178	0.828	1.006	17.7	82.3	260	285	227	212	222	276
25-Nov	1.6	0.353	1.879	2.232	15.8	84.2						
26-Nov		0.202	0.824	1.026	19.7	80.3						
27-Nov		0.179	0.810	0.989	18.1	81.9						
28-Nov		0.179	0.846	1.025	17.5	82.5						
29-Nov		0.155	0.717	0.872	17.8	82.2						
30-Nov	0.25	0.148	0.699	0.847	17.5	82.5						
SUM	4.8	5.315	25.040	30.355								
AVG		0.177	0.835	1.012	18	82	265	259	242	192	231	289
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

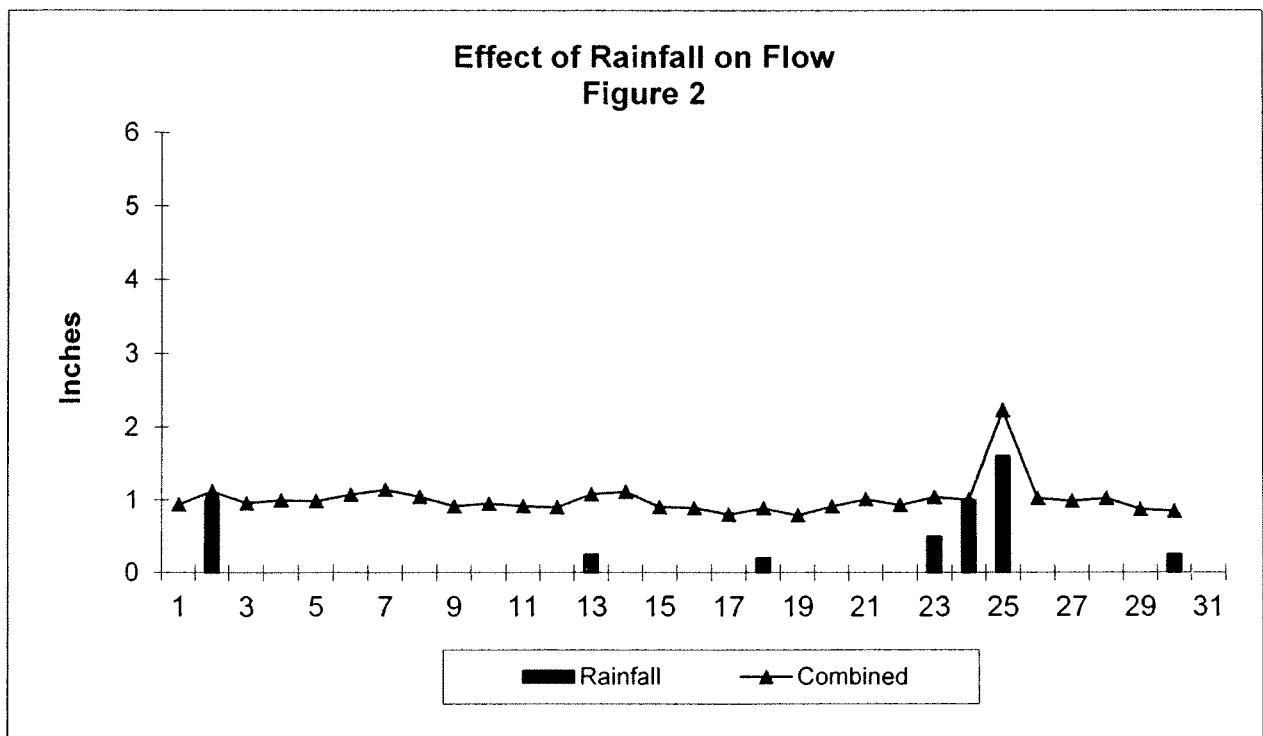
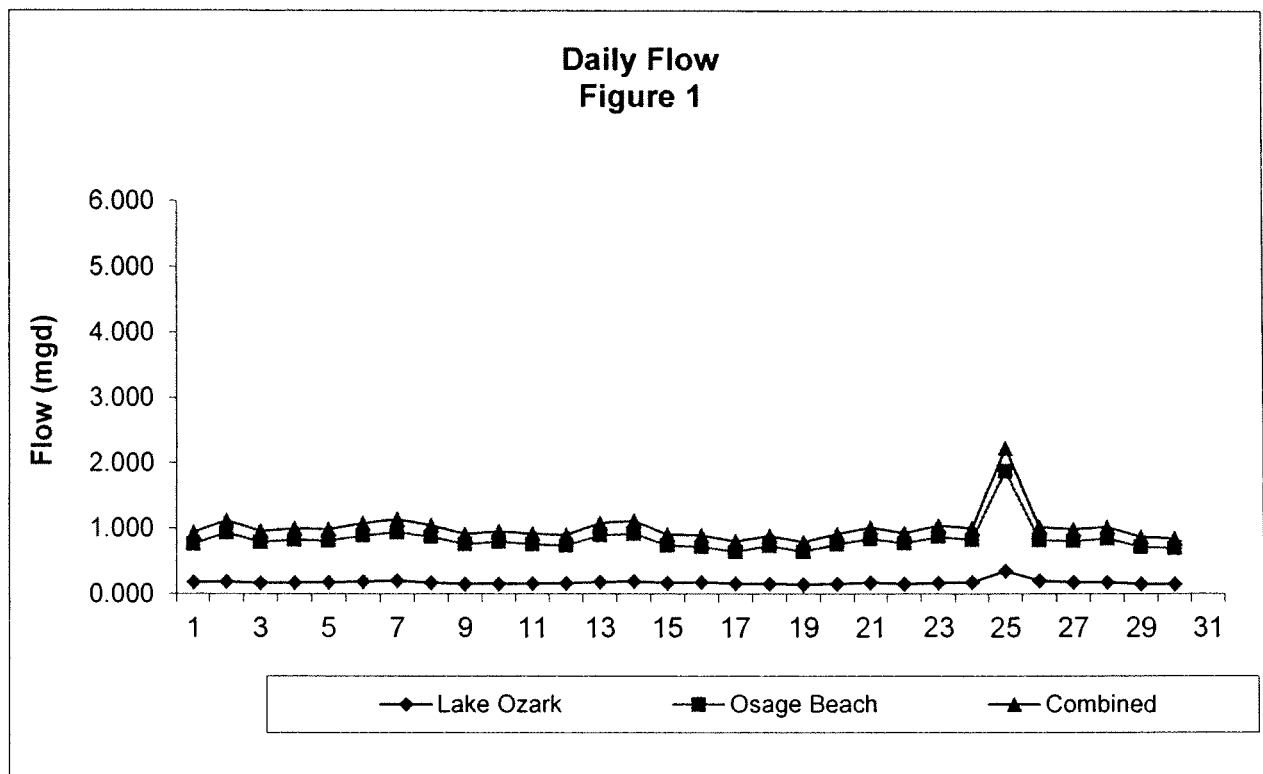
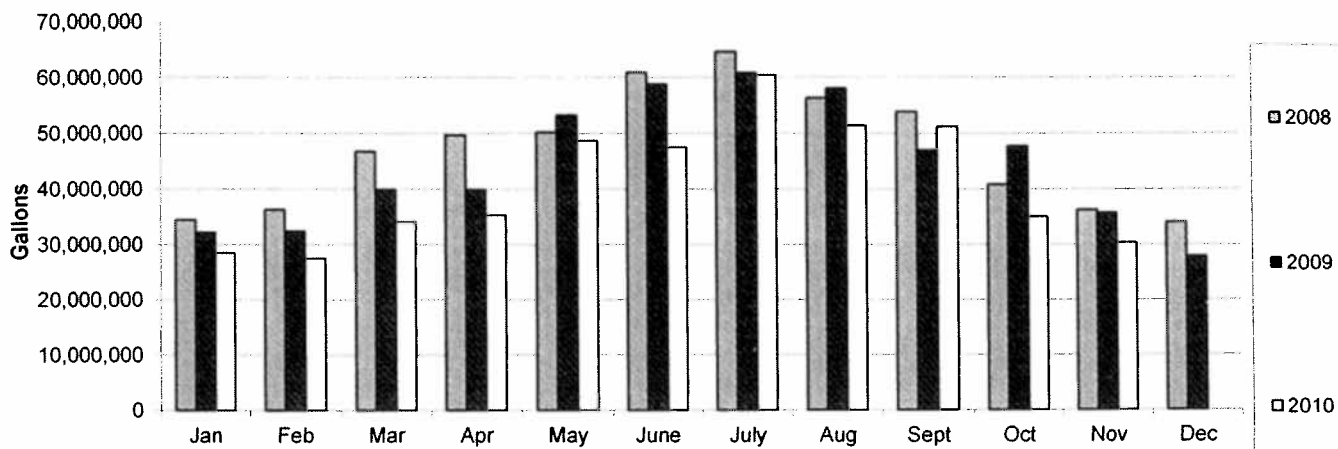


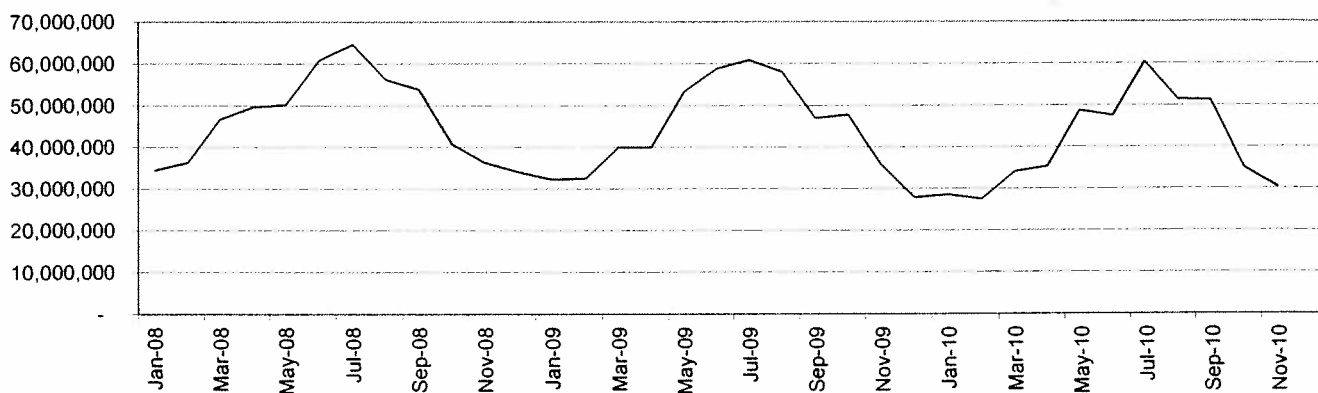
TABLE B
JOINT SEWER BOARD
Monthly Flows

<u>2008</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	1.5	29,865,000	87%	4,602,000	13%	34,467,000	100%
February	6	31,785,000	87%	4,568,000	13%	36,353,000	100%
March	9.5	39,776,000	85%	7,003,000	15%	46,779,000	100%
April	10.1	41,926,000	84%	7,774,000	16%	49,700,000	100%
May	8	42,631,000	85%	7,598,000	15%	50,229,000	100%
June	11.1	50,729,000	83%	10,195,000	17%	60,924,000	100%
July	6.4	53,095,000	82%	11,538,000	18%	64,633,000	100%
August	6.6	46,725,000	83%	9,604,000	17%	56,329,000	100%
September	10.8	43,349,000	80%	10,547,000	20%	53,896,000	100%
October	1.5	35,118,000	86%	5,744,000	14%	40,862,000	100%
November	2	31,441,000	87%	4,854,000	13%	36,295,000	100%
December	4.1	29,331,000	86%	4,764,000	14%	34,095,000	100%
	78	475,771,000	85%	88,791,000	15%	564,562,000	100%
<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							
	55.6	370,468,000	82%	80,008,000	18%	450,476,000	100%

**Monthly Influent Flow
Figure 3A**

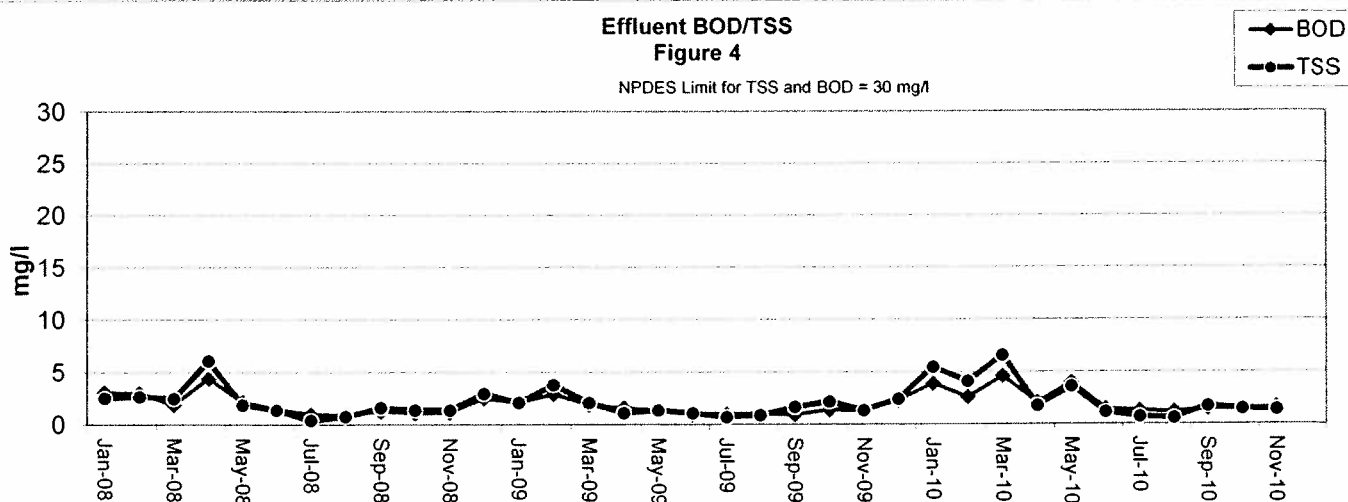


**Monthly Influent Flow
Figure 3B**

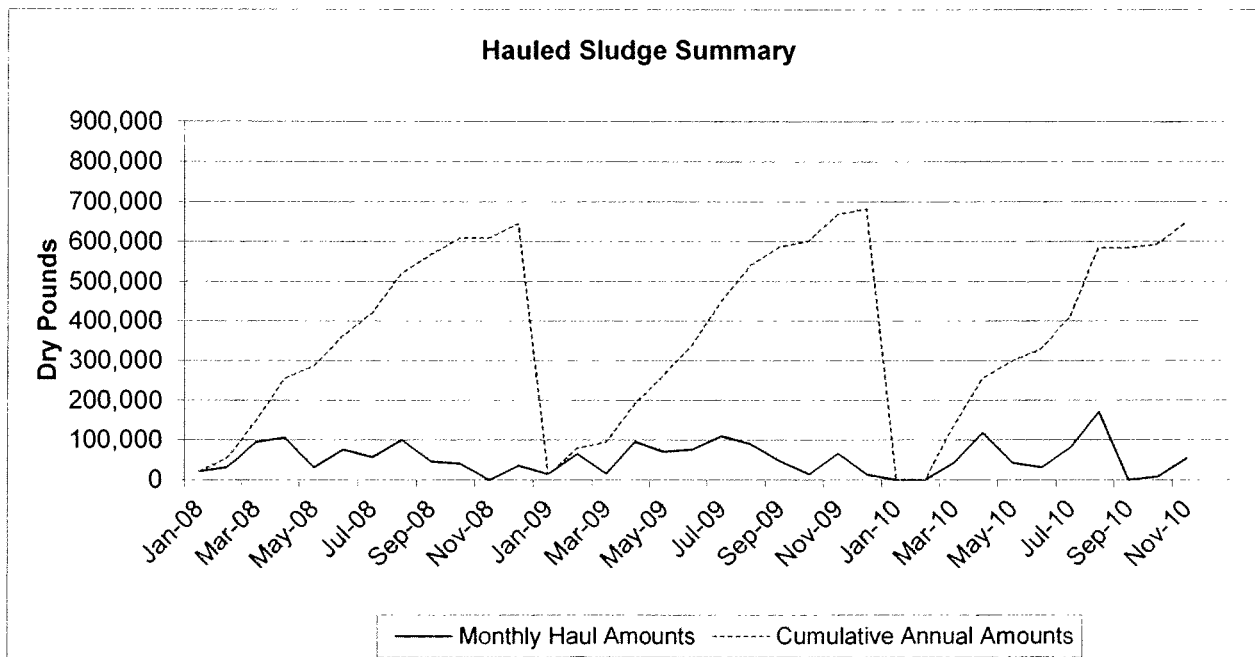
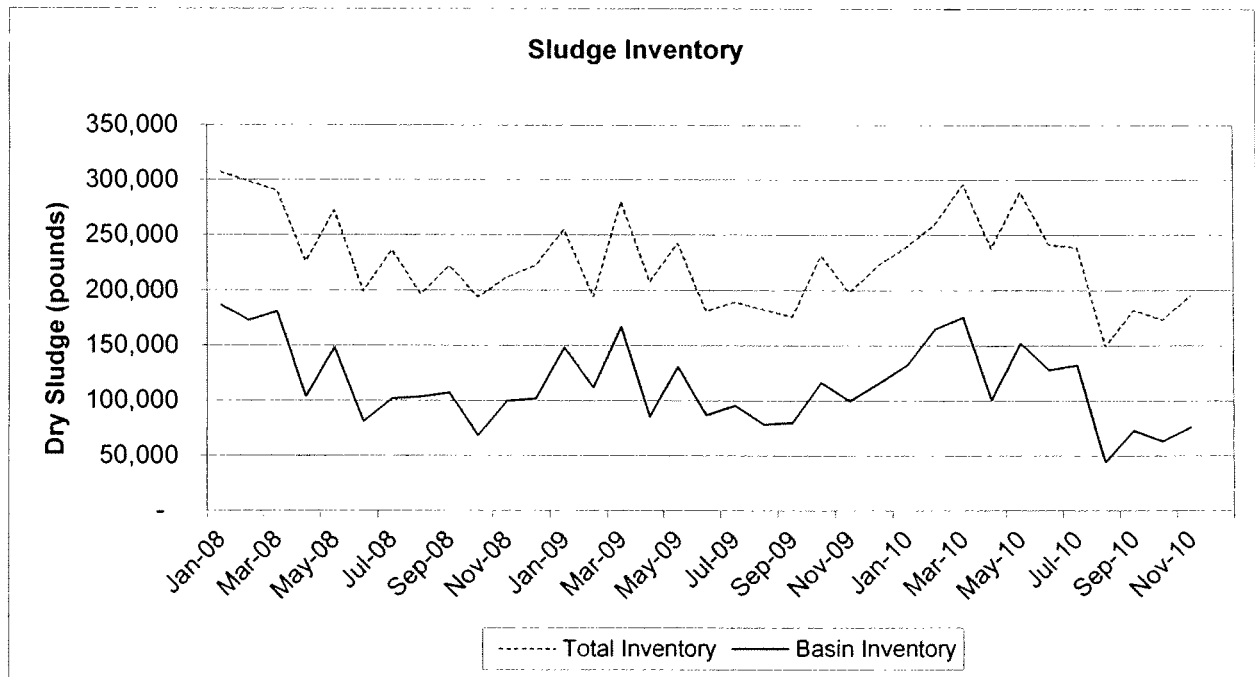


**Effluent BOD/TSS
Figure 4**

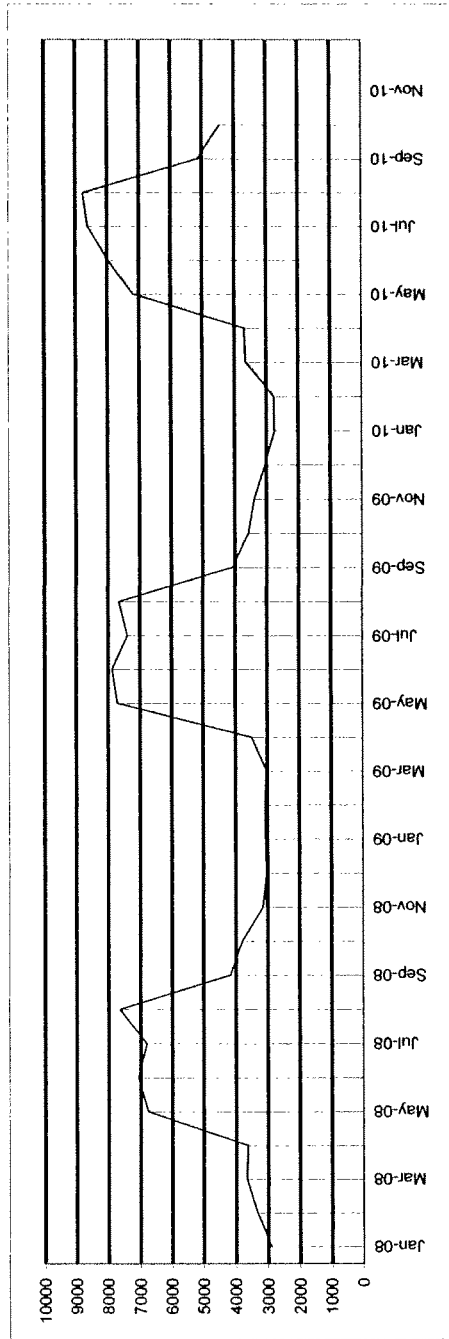
NPDES Limit for TSS and BOD = 30 mg/l



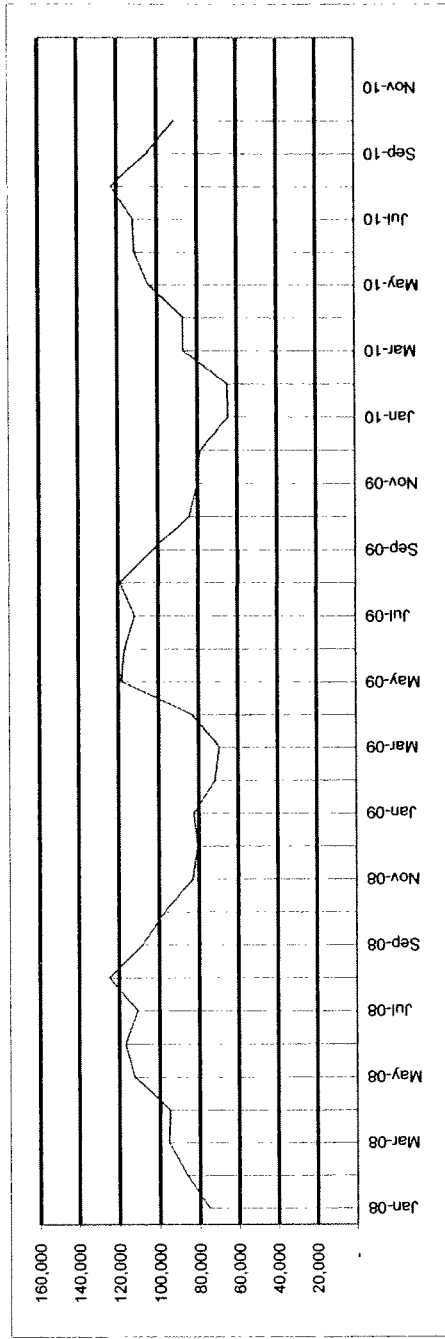
Date	Hauled Sludge			Basin Depths			Blanket Depths			MLSS Inventory			Blanket and MLSS Inventory			Total Dry Sludge Inventory			
	Loads	Gallons	# Dry	Tank #1	Tank #2	AB #1	Basin Gallons	# Dry	Clarf #1	Clarf #2	Clarf #3	MLSS AB #1	MLSS AB #2	Gallons	% Solids	MLSS	% Solids		
Jan-08	15	55,500	21,971	6.5	4.0	0.0	472,500	187,050	0.5	5.0	0.0	3,980	3,980	3,697,691	120,271	0.0039	37	97,500	
Feb-08	23	85,100	32,679	6.5	3.5	0.0	450,000	172,803	0.0	0.0	0.0	3,880	4,550	3,600,000	126,101	0.0042	25	62,500	
Mar-08	70	259,000	94,734	6.0	5.0	0.0	495,000	181,055	1.0	1.0	0.0	3,730	3,470	3,635,524	109,153	0.0036	26	65,000	
Apr-08	87	321,900	106,182	6.0	1.0	0.0	315,000	103,906	1.0	1.0	0.5	4,280	3,720	3,657,238	122,005	0.004	39	97,500	
May-08	27	99,800	31,352	8.0	2.5	0.0	472,500	148,286	3.0	1.0	1.5	4,580	3,400	3,736,180	124,328	0.00389	45	110,500	
Jun-08	69	255,300	76,713	5.0	1.0	0.0	270,000	81,130	1.0	1.5	2.0	3,290	4,340	3,731,261	118,251	0.0038	51	127,500	
Jul-08	51	188,700	57,026	4.5	3.0	0.0	337,500	101,994	1.0	2.0	0.5	4,620	4,190	3,675,000	134,858	0.0044	43	107,500	
Aug-08	83	307,100	100,875	7.0	0.0	0.0	315,000	103,470	1.0	1.0	3.0	2,870	3,080	3,765,808	93,435	0.00298	29	65,000	
Sep-08	37	136,900	46,657	3.0	4.0	0.0	315,000	107,355	0.0	1.0	1.0	3,910	3,640	3,661,190	115,267	0.00378	20	44,000	
Oct-08	33	122,100	41,411	3.0	1.5	0.0	202,500	68,679	0.0	1.0	1.0	3,970	4,250	3,661,190	125,191	0.0041	23	57,500	
Nov-08	0	-	0	3.0	3.5	0.0	292,500	100,017	0.0	0.0	0.5	3,520	3,980	3,621,714	111,759	0.0037	30	72,500	
Dec-08	30	111,000	36,011	3.0	2.0	0.0	315,000	102,193	0.0	0.5	0.5	4,160	3,800	3,630,595	120,511	0.00398	12	30,000	
Jan-09	12	44,400	14,627	6.0	4.0	0.0	450,000	148,247	0.0	1.0	0.0	3,220	3,860	3,617,762	106,809	0.00354	24	59,000	
Feb-09	53	196,100	65,018	5.0	2.5	0.0	337,500	111,900	0.0	0.5	0.0	1,840	3,640	3,608,881	82,469	0.00274	24	62,000	
Mar-09	12	44,400	15,738	5.5	5.0	0.0	472,500	167,482	1.0	1.0	0.5	3,330	4,110	3,657,238	112,855	0.0037	18	45,000	
Apr-09	82	303,400	96,032	5.0	1.0	0.0	270,000	85,460	3.0	0.0	1.0	4,260	3,360	3,696,714	122,089	0.00396	26	65,000	
May-09	53	196,100	71,251	5.5	2.5	0.0	360,000	130,802	1.0	1.0	1.0	3,380	3,350	3,678,952	111,991	0.00365	28	64,000	
Jun-09	70	259,000	78,875	4.5	2.0	0.0	292,500	96,818	0.5	1.0	2.5	3,180	2,920	3,735,213	94,545	0.00304	32	78,500	
Jul-09	70	259,011	110,008	5.1%	5.0	0.0	225,000	95,563	0.0	1.0	4.0	3,040	2,910	3,791,474	94,072	0.00298	189,635	50	163,500
Aug-09	84	310,800	90,568	4.5	1.5	0.0	270,000	78,679	1.0	1.0	1.0	2,910	3,890	3,678,952	104,320	0.0034	182,989	55	145,000
Sep-09	43	159,100	47,213	3.6%	6.0	0.0	270,000	80,123	0.5	0.5	0.0	3,750	2,620	3,617,762	96,098	0.00319	37	97,500	
Oct-09	13	48,100	14,626	6.5	2.0	0.0	382,500	116,309	1.0	1.0	0.0	3,040	3,720	3,635,524	115,217	0.0038	43	112,500	
Nov-09	57	210,900	66,838	6.0	1.0	0.0	315,000	99,829	2.0	1.0	0.0	2,640	3,820	3,653,286	98,413	0.00323	198,242	57	146,500
Dec-09	10	37,000	13,577	5.0	2.0	0.0	315,000	115,598	2.0	2.0	1.0	3,320	3,600	3,714,476	107,186	0.00346	22,774	25	60,000
Jan-10	0	-	0	5.0	3.0	0.0	360,000	132,106	1.0	1.0	0.0	3,640	3,460	3,635,524	107,637	0.00355	239,743	20	50,500
Feb-10	0	-	0	5.0	5.0	0.0	450,000	165,132	2.0	1.0	0.0	3,310	2,910	3,653,286	94,757	0.00311	35	93,000	
Mar-10	37	136,900	42,800	7.0	5.5	0.0	562,500	175,858	1.0	0.0	1.5	3,940	3,890	3,682,904	120,251	0.00392	296,109	13	33,000
Apr-10	101	373,700	119,328	6.0	1.0	0.0	315,000	100,584	1.0	1.5	2.0	4,440	4,380	3,731,261	137,234	0.00441	237,818	48	124,000
May-10	31	114,700	43,047	6.0	3.0	0.0	405,000	151,997	1.5	4.5	2.0	3,930	4,750	3,793,428	137,305	0.00434	289,302	48	126,000
Jun-10	30	111,000	31,506	7.0	3.0	0.0	450,000	127,727	1.0	1.0	1.0	3,550	3,770	3,678,952	113,832	0.00371	241,559	60	157,500
Jul-10	68	251,600	82,206	8.0	1.0	0.0	405,000	132,327	1.0	2.0	1.0	3,650	3,250	3,696,714	106,366	0.00345	238,692	22	52,000
Aug-10	141	521,700	171,540	3.9%	3.0	0.0	135,000	44,389	2.5	1.5	1.0	3,250	3,520	3,714,476	104,708	0.00338	149,097	96	252,000
Sep-10	0	-	0	2.5	2.5	0.0	225,000	73,184	2.0	2.0	1.0	3,300	3,750	3,714,476	109,045	0.00352	182,229	18	46,500
Oct-10	9	33,300	8,517	4.0	1.5	0.0	247,500	63,302	1.0	0.0	2.0	3,460	3,680	3,704,618	110,301	0.00357	173,603	26	65,000
Nov-10	39	144,300	54,094	4.5	0.0	0.0	202,500	75,912	1.5	2.5	1.5	4,050	3,640	3,736,190	119,654	0.00384	195,965	16	38,000

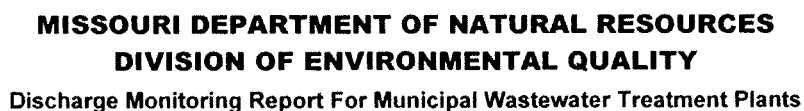


Electric Cost



Kilowatts Used



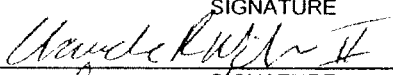
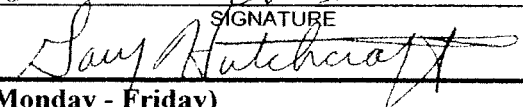
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INSTREAM MONITORING (S1)					INSTREAM MONITORING (S2)			
DATE	Ammonia as N mg/l	pH UNITS	DO mg/l	TEMP °C	Ammonia as N mg/l	pH UNITS	DO mg/l	TEMP °C
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11	0.02	8.1	9.4	11.9	0.03	8.3	10.7	14.7
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	0.03	8.2	11.7	8.5	0.05	8.3	10.9	13.5
24								
25								
26								
27								
28								
29								
30								
Total								
Avg	0.03				0.04			
Min	0.02	8.1	9.4	8.5	0.03	8.3	10.7	13.5
Max	0.03	8.2	11.7	11.9	0.05	8.3	10.9	14.7

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

DATE	SLUDGE DISP. LBS. DRY WEIGHT	#1 Aeration Basin, O-Ditch, Etc.				#2 Aeration Basin, O-Ditch, Etc.				*Weather Conditions		
		MIXED LIQUOR				MIXED LIQUOR				Outside	*RAIN inches	Time
		* DO mg/l	** MLSS mg/l	*Settleability		* DO mg/l	** MLSS mg/l	*Settleability		* Ambient Temp ° F		
				*30 min ml	Temp ° C			*30 min ml	Temp ° C			
1		3.5	3,910	340	16.6	4.7	3,150	280	16.4	49		7:30
2		2.6	3,550	300	16.4	3.9	3,180	290	16.5	47	1	7:30
3		4.1	3,560	300	15.4	4.6	3,590	340	15.5	35		7:30
4	4,258	3.9	3,840	350	15.5	4.9	3,380	320	15.6	46		7:30
5	7,127	4.4	3,980	400	15.2	5.2	3,380	320	14.9	36		7:30
6		4.5	3,460	400	13.8	5.6	2,910	300	13.3	32		7:30
7		4.6	3,800	320	14	4.5	3,610	380	13.7	37		7:30
8	15,429	3.3	3,560	320	13.5	3.3	3,950	370	13.4	43		7:30
9		2.9	4,060	380	15.2	3.9	3,530	340	15.1	43		7:30
10	18,330	2.1	4,460	430	16.6	3.6	3,180	290	16.4	58		7:30
11	8,949	2.7	4,370	410	16.8	3.2	3,530	310	16.6	53		7:30
12		2.1	3,910	250	16.3	2.5	3,850	380	16.3	47		7:30
13		3.1	3,630	320	16.2	3.1	3,800	380	16	43	0.25	7:30
14		3.2	4,000	370	15.3	3.3	3,690	350	15.3	30		7:30
15		3.3	4,310	450	15.2	4.3	3,290	320	15	37		7:30
16		2.7	4,640	480	15.2	3.7	3,370	300	15.3	45		7:30
17		3.6	4,410	460	14.9	3.9	3,290	310	14.1	31		7:30
18		3.9	4,270	430	15.1	4.4	3,590	350	14.5	40	0.2	7:30
19		4.3	4,750	500	14.2	4.7	3,370	310	14	36		7:30
20		4.7	4,480	500	13	6.1	2,670	280	13	37		7:30
21		4.5	3,590	350	14.5	6.4	4,060	440	14.1	59		7:30
22		3.6	3,990	340	16.5	3.2	3,840	400	16.1	66		7:30
23		2.4	4,300	360	14.7	3.2	3,650	360	14.7	35	0.5	7:30
24		2.7	3,920	370	14.8	1.4	3,860	400	14.8	42	1	7:30
25		1.1	4,850	520	15	1.2	3,470	390	15.3	32	1.6	7:30
26		4.1	3,580	350	13.5	4.3	4,530	570	13.7	27		7:30
27		4.4	3,810	360	12.5	4	4,520	540	12.7	30		7:30
28		4.6	3,730	370	13	3.9	4,280	530	13.3	34		7:30
29		4.6	4,290	450	14.3	4.1	4,430	480	13.6	50		7:30
30		3.2	4,460	490	13.2	4.2	4,210	490	13	30	0.25	7:30
												7:30

COMMENTS:

TESTS PERFORMED BY (PRINT)	SIGNATURE	PHONE #	DATE
Claude R. Wilson II		(573)365-0455	12/2/2010
REPORT APPROVED BY (PRINT)	SIGNATURE	PHONE #	DATE
Gary Hutchcraft		(573)365-0455	12/2/2010

*Required Daily (Monday - Friday)

**Required 1/week

2010
 NOVEMBER
 2010

2010
 NOVEMBER
 2010

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Environmental Analysis South, Inc.

4000 East Jackson Blvd. • Jackson, MO 63755 • 573-204-8817 • Fax 573-204-8818



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

PAGE NO.: 1
REPORT NO.: 110691
DATE: 11/05/10
P.O. NO.:

REPORT OF ANALYSIS

SUBJECT: Analysis of water/wastewater/waste samples in accordance with EPA 600; Methods for Chemical Analysis of Water and Wastes, 1983. All sludges are reported on a dry basis, except for organic analyses which are on a as-received basis.

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1213317	Sludge SAMPLE DATE: 10/11/10				
	Shipping Charges	10	dollars		
	Anion Preparation	1	Prepped		
	<u>Sludge 503 Metals</u>				
	Cadmium	0.88	mg Cd/kg	213.1	
	Chromium	27.4	mg Cr/kg	218.1	
	Copper	484	mg Cu/kg	220.1	
	Mercury	< 0.10	mg Hg/kg	245.1	
	Mercury Preparation	1	Prepped	245.1	
	Hot Plate FLM Metals Digestion	1	Prepped	SEC 200	
	Potassium	1460	mg K/kg	258.1	
	Nickel	20.9	mg Ni/kg	249.1	
	Lead	45.0	mg Pb/kg	239.1	
	Phosphorus	31400	mg P/kg	365.2	
	Total Solids	3.62	% w/w	160.3	
	Zinc	1110	mg Zn/kg	289.1	
	<u>COLIFORM IN SLUDGE</u>				
	Fecal Coliform in Sludge	3660	CFU/g	9222 D	
	Total Solids	3.46	% w/w	160.3	

Environmental Analysis South, Inc.

4000 East Jackson Blvd. • Jackson, MO 63755 • 573-204-8817 • Fax 573-204-8818



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

PAGE NO.: 2
REPORT NO.: 110691
DATE: 11/05/10
P.O. NO.: 1021-20

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1213317	Sludge (CONTINUED)				
	<u>Sludge 503 Metals</u>				
	Arsenic by ICP	4.2	mg/kg	200.7 R4.4	
	ICP Prep	1	Prepped	200.7	
	Molybdenum by ICP	4.4	mg/kg	200.7 R4.4	
	Selenium by ICP	< 2	mg/kg	200.7 R4.4	
	<u>Total Kjeldahl Nitrogen</u>				
	Kjeldahl Nitrogen	53100	mg N/kg	351.3	
	Total Kjeldahl Nitrogen Digest	1		351.3	
	<u>Plant Available Nitrogen</u>				
	Ammonia as Nitrogen	9360	mg N/kg	350.3	
	Nitrite as Nitrogen	< 55	mg N/kg	300.0	
	Nitrate as Nitrogen	< 55	mg N/kg	300.0	
	Organic Nitrogen	43700	mg N/kg	351.3	
	PAN - Subsurface Application	18100	ppm		
	PAN - Surface Application	15292	ppm		

RESPECTFULLY SUBMITTED

D. F. WARREN

FECAL COLIFORM IN SLUDGE

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

Log #

1213317

Date:

10/12/2010

Analyst:

JPC 102

Total Solid calculation

Sample	Sample Size	Tare Weight	Tare Wt. + Res.	Residue Wt.	Final Result
Replicate	(grams)	(grams)	(grams)	(grams)	(%w/w)
A	12.3042	1.0418	1.4668	0.4250	3.45
B	13.6022	1.0431	1.5190	0.4759	3.5
C	13.8398	1.0077	1.4822	0.4745	3.43
D	13.1205	1.0414	1.5039	0.4625	3.53
E	15.1526	0.9958	1.5158	0.5200	3.43
F	13.0759	0.9979	1.4460	0.4481	3.43
G	14.9073	0.9935	1.5079	0.5144	3.45
				Average Total Solid	3.46

Colony Counts

Date:

10/12/2010

Analyst:

DFW 100

Sample	Wt. Of Sample	Sample Size	Colony Count	Final Count
Replicate	(grams)	(mls - 0.1, 1.0, 10)	used	#/gram (dry)
A	0.4346	1	<1	<6670
B	0.4227	1	<1	<6760
C	0.4391	1	<1	<6640
D	0.4334	1	1	6,540
E	0.4355	1	<1	<6690
F	0.4491	1	<1	<6490
G	0.4415	1	<1	<6570
Geometric Average				3,660

Approved by:



Environmental Analysis South, Inc.
Clarification Coagulant Sludges
Sludge Analysis

11/5/2010

Submitted by: Alliance Lake Ozarks					
Log Number: 1213317					
pH					
Coliform					
Parameter	Wet %	Wet ppm	Dry %	Dry ppm	lbs/Dry Tons
Moisture			96.38		
Solids			3.62		
Volatile Solids					
Ash					
Nitrogen (TKN)	0.192%	1920.772	5.306%	53060.000	106.120
Nitrate N	0.000%	0.000	0.000%	ND	0.000
Nitrite N	0.000%	0.000	0.000%	ND	0.000
Ammonia N	0.034%	338.832	0.936%	9360.000	18.720
Organic N	0.158%	1581.940	4.370%	43700.000	87.400
PAN Surface Application	0.055%	553.570	1.529%	15292.000	30.584
PAN Subsurface Application	0.066%	655.220	1.810%	18100.000	36.200
Potassium (as K)	0.005%	52.852	0.146%	1460.000	2.920
Phosphorus (as P)	0.114%	1136.680	3.140%	31400.000	62.800
Arsenic (as As)	0.000%	0.152	0.000%	4.200	0.008
Cadmium (as Cd)	0.000%	0.032	0.000%	0.880	0.002
Chromium (as Cr)	0.000%	0.992	0.003%	27.400	0.055
Copper (as Cu)	0.002%	17.521	0.048%	484.000	0.968
Molybdenum (as Mo)	0.000%	0.159	0.000%	4.400	0.009
Nickel (as Ni)	0.000%	0.757	0.002%	20.900	0.042
Lead (as Pb)	0.000%	1.629	0.005%	45.000	0.090
Selenium (as Se)	ND	ND	ND	ND	ND
Zinc (as Zn)	0.004%	40.182	0.111%	1110.000	2.220
Mercury (as Hg)	ND	ND	ND	ND	ND
code ND = none detected					
code NT = not tested					



**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
Olympian Village
Parkville
Phelps County #2
Platte County #C-1
Proctor & Gamble
Ralls County #1
Sedalia
St Charles County #2
St Genevieve
Troy

IOWA

Maquoketa
Tipton

REPORT OF OPERATIONS

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

Month of December 2010

Submitted by Alliance Water Resources, Inc. for the

January 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

	<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	1.9	1.8	NA	0
Peak Day	2.3	2.6	7.9	0
Percent Removal	99.2	99.3	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 0.744 MGD or 25% 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 47926 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.

647,138 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 435,625 gallons with a level of 4.5 feet in Tank 1 and 4.0 feet in Tank 2.

WASTEHAULERS

The plant received 24 loads of septage during the month totaling 56,500 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Antero Maintenance Data Management schedule. (New version of Operator 10 Software)
- We started having trouble with the main breaker on clarifier #2 tripping on the 13th, so we called Ken our electrician to come out and double check what the problem was and he found the breaker was getting weak. We have ordered one from CED but have not received it as of yet.

SAFETY

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

REGULATORY AGENCY, INSPECTION AND REPORTS

- Mailed DMR to MDNR on the 5th of December.
- We completed and mailed our annual Form S sludge report on the 6th of December.

MISCELLANEOUS AND RECOMMENDATIONS

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF December 2010

DATE		FLOW					BOD 5 MG/L			TSS MG/L		
	RAIN FALL IN.	LO mgd	OB mgd	COMB mgd	% LO	% OB	LO mg/l	OB mg/l	COMB mg/l	LO mg/l	OB mg/l	COMB mg/l
1-Dec		0.142	0.651	0.793	17.9	82.1						
2-Dec		0.148	0.664	0.812	18.2	81.8						
3-Dec		0.153	0.648	0.801	19.1	80.9	230	402	262	124	400	368
4-Dec		0.156	0.741	0.897	17.4	82.6						
5-Dec		0.150	0.754	0.904	16.6	83.4						
6-Dec		0.144	0.718	0.862	16.7	83.3						
7-Dec		0.138	0.660	0.798	17.3	82.7						
8-Dec		0.145	0.664	0.809	17.9	82.1						
9-Dec		0.140	0.610	0.750	18.7	81.3						
10-Dec		0.144	0.641	0.785	18.3	81.7	275	287	212	196	208	276
11-Dec		0.150	0.735	0.885	16.9	83.1						
12-Dec		0.143	0.707	0.850	16.8	83.2						
13-Dec		0.146	0.588	0.734	19.9	80.1						
14-Dec		0.143	0.544	0.687	20.8	79.2						
15-Dec		0.140	0.544	0.684	20.5	79.5						
16-Dec		0.136	0.556	0.692	19.7	80.3						
17-Dec		0.145	0.506	0.651	22.3	77.7	285	218	245	228	144	346
18-Dec		0.142	0.561	0.703	20.2	79.8						
19-Dec		0.143	0.611	0.754	19.0	81.0						
20-Dec		0.150	0.554	0.704	21.3	78.7						
21-Dec		0.147	0.596	0.743	19.8	80.2						
22-Dec		0.135	0.577	0.712	19.0	81.0	235	220	235	156	150	170
23-Dec		0.141	0.548	0.689	20.5	79.5						
24-Dec	0.1	0.143	0.546	0.689	20.8	79.2						
25-Dec	0.25	0.130	0.494	0.624	20.8	79.2						
26-Dec		0.118	0.380	0.498	23.7	76.3						
27-Dec		0.125	0.474	0.599	20.9	79.1						
28-Dec		0.141	0.552	0.693	20.3	79.7						
29-Dec		0.145	0.568	0.713	20.3	79.7	158	272	292	200	218	158
30-Dec		0.138	0.563	0.701	19.7	80.3						
31-Dec		0.165	0.679	0.844	19.5	80.5						
SUM	0.4	4.426	18.634	23.060								
AVG		0.143	0.601	0.744	19	81	237	280	249	181	224	264
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

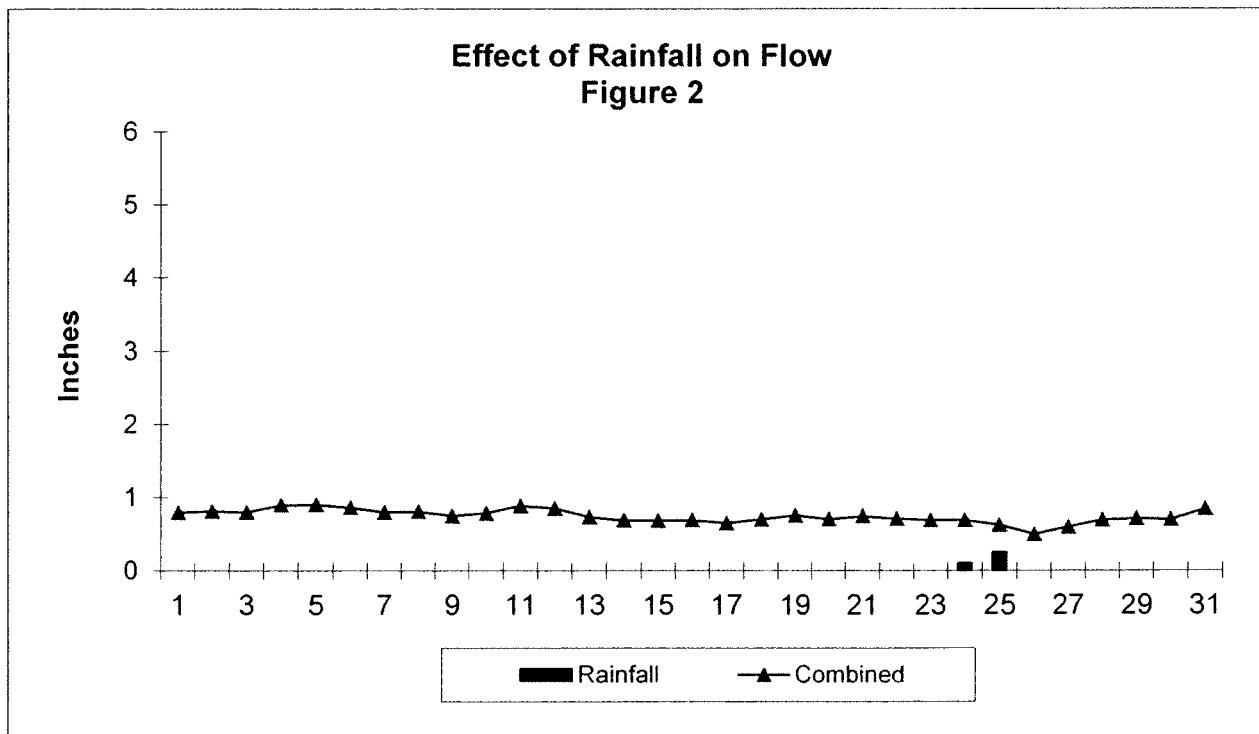
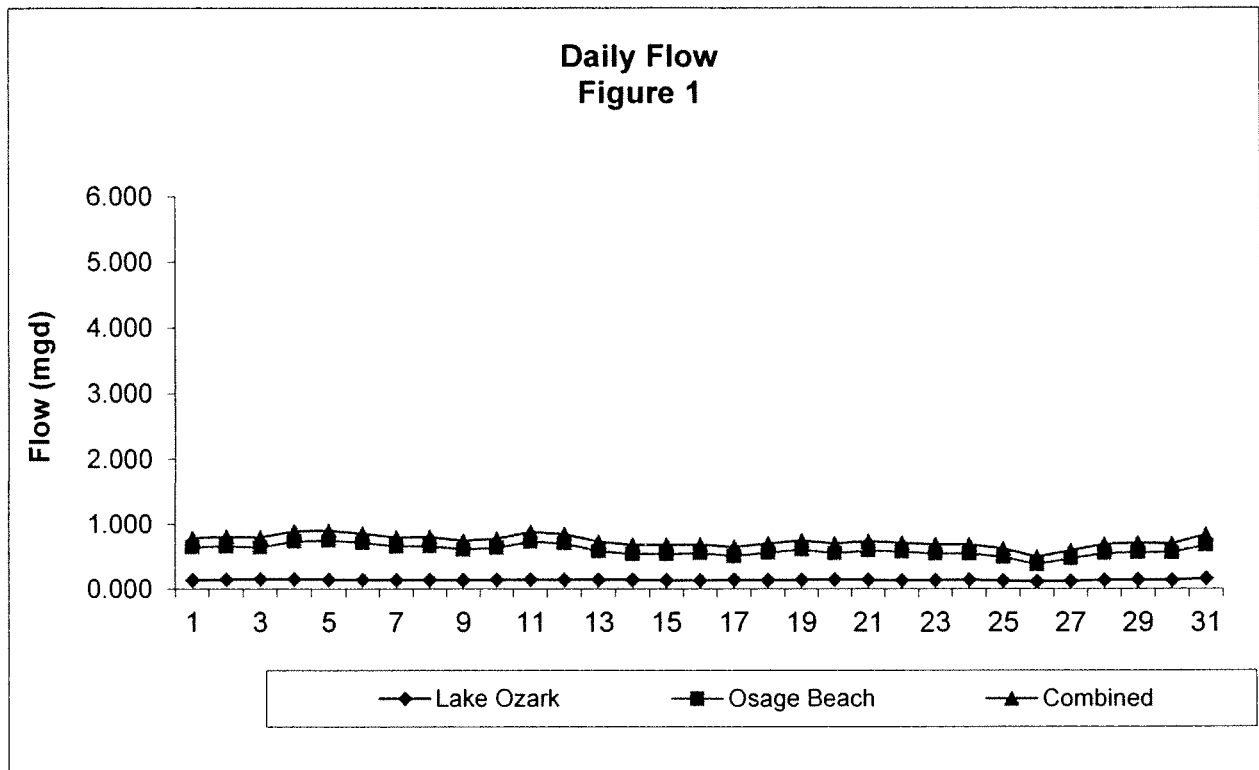


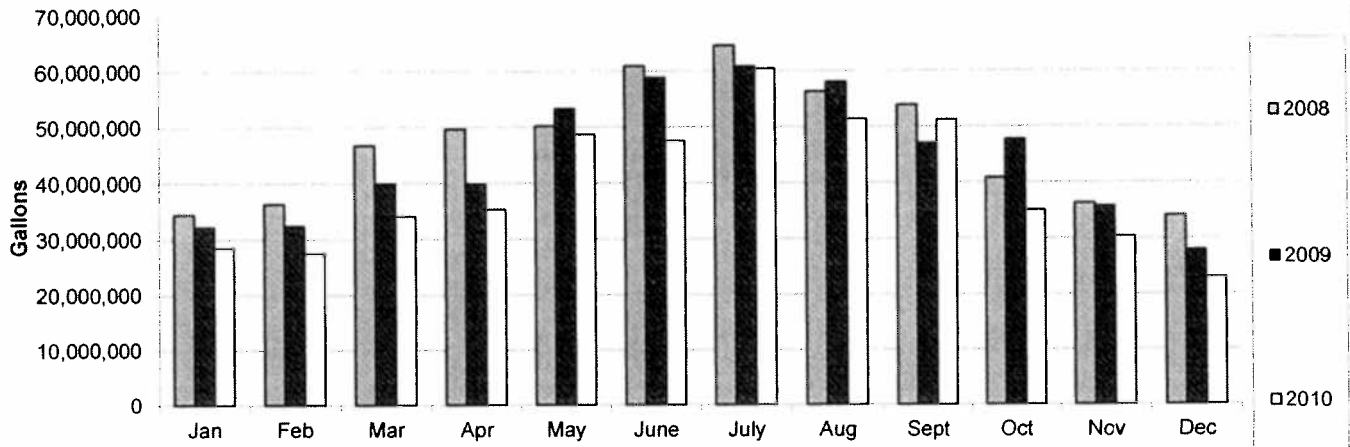
TABLE B
JOINT SEWER BOARD
Monthly Flows

<u>2008</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	1.5	29,865,000	87%	4,602,000	13%	34,467,000	100%
February	6	31,785,000	87%	4,568,000	13%	36,353,000	100%
March	9.5	39,776,000	85%	7,003,000	15%	46,779,000	100%
April	10.1	41,926,000	84%	7,774,000	16%	49,700,000	100%
May	8	42,631,000	85%	7,598,000	15%	50,229,000	100%
June	11.1	50,729,000	83%	10,195,000	17%	60,924,000	100%
July	6.4	53,095,000	82%	11,538,000	18%	64,633,000	100%
August	6.6	46,725,000	83%	9,604,000	17%	56,329,000	100%
September	10.8	43,349,000	80%	10,547,000	20%	53,896,000	100%
October	1.5	35,118,000	86%	5,744,000	14%	40,862,000	100%
November	2	31,441,000	87%	4,854,000	13%	36,295,000	100%
December	4.1	29,331,000	86%	4,764,000	14%	34,095,000	100%
	78	475,771,000	85%	88,791,000	15%	564,562,000	100%

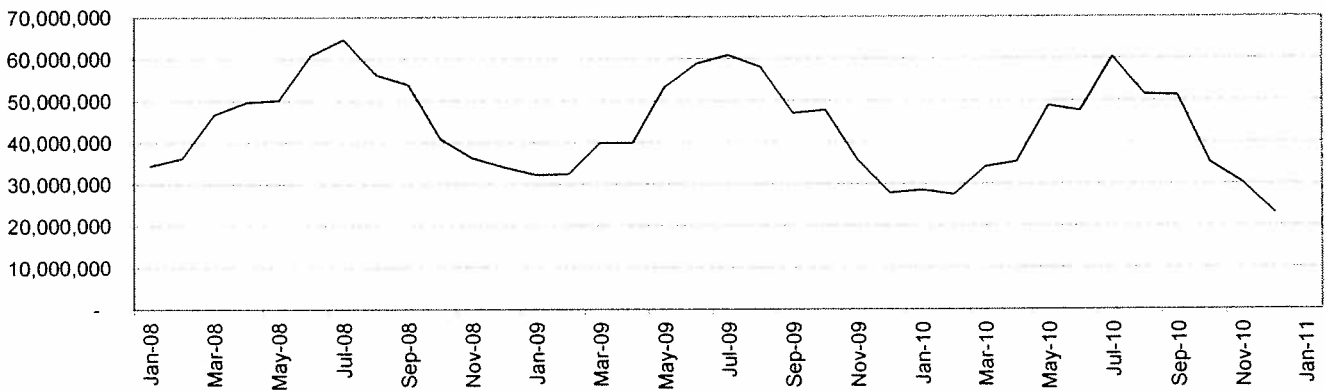
<u>2009</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	0.8	27,603,000	86%	4,633,000	14%	32,236,000	100%
February	3	28,264,000	87%	4,216,000	13%	32,480,000	100%
March	4.5	34,287,000	86%	5,701,000	14%	39,988,000	100%
April	4.6	33,832,000	85%	6,093,000	15%	39,925,000	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%

**Monthly Influent Flow
Figure 3A**

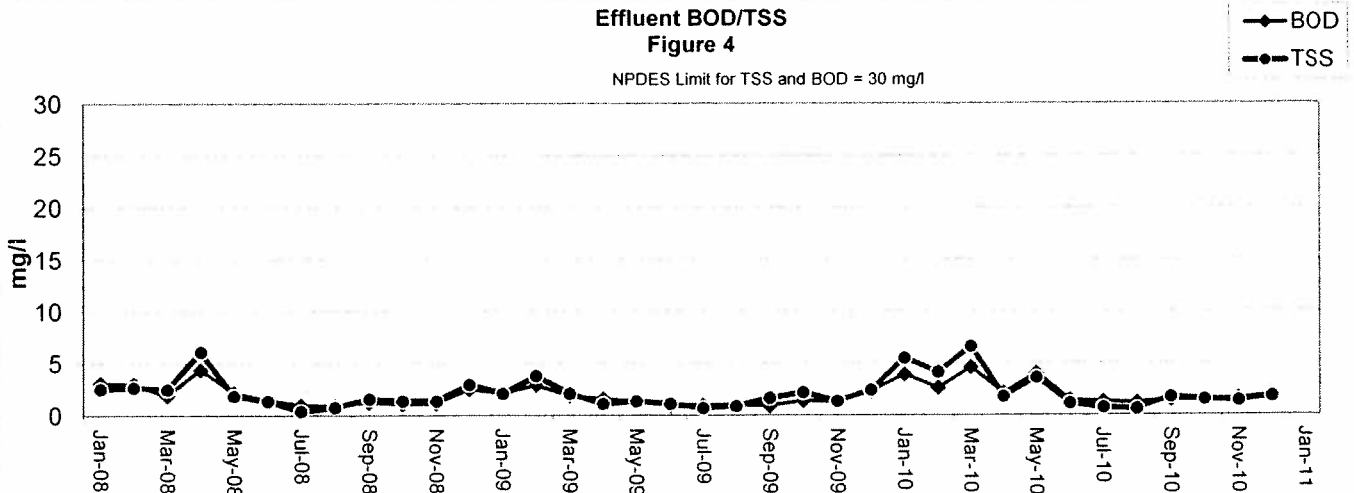


**Monthly Influent Flow
Figure 3B**

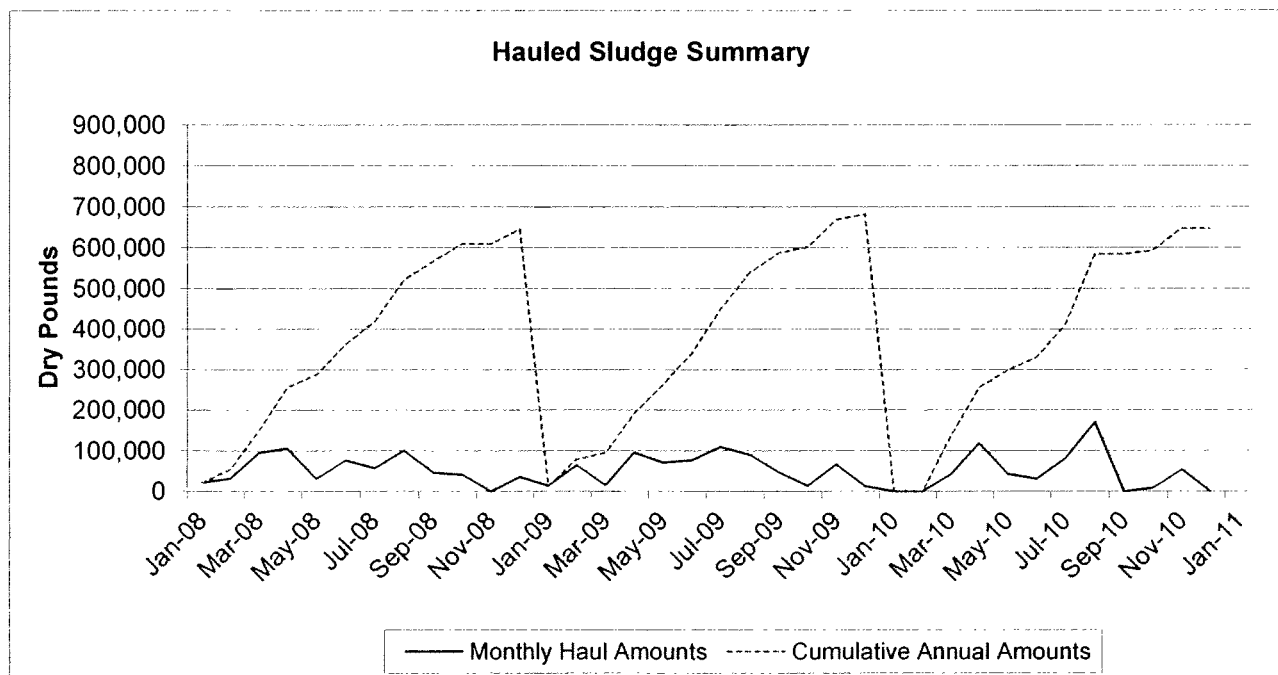
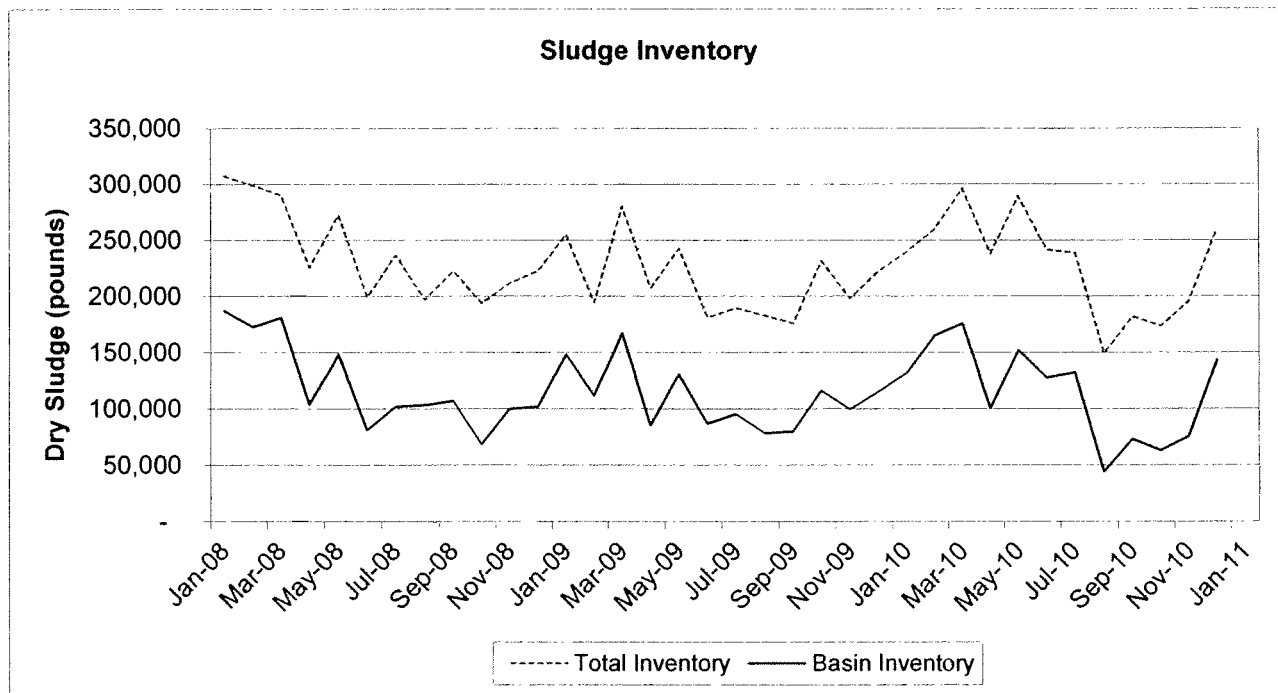


**Effluent BOD/TSS
Figure 4**

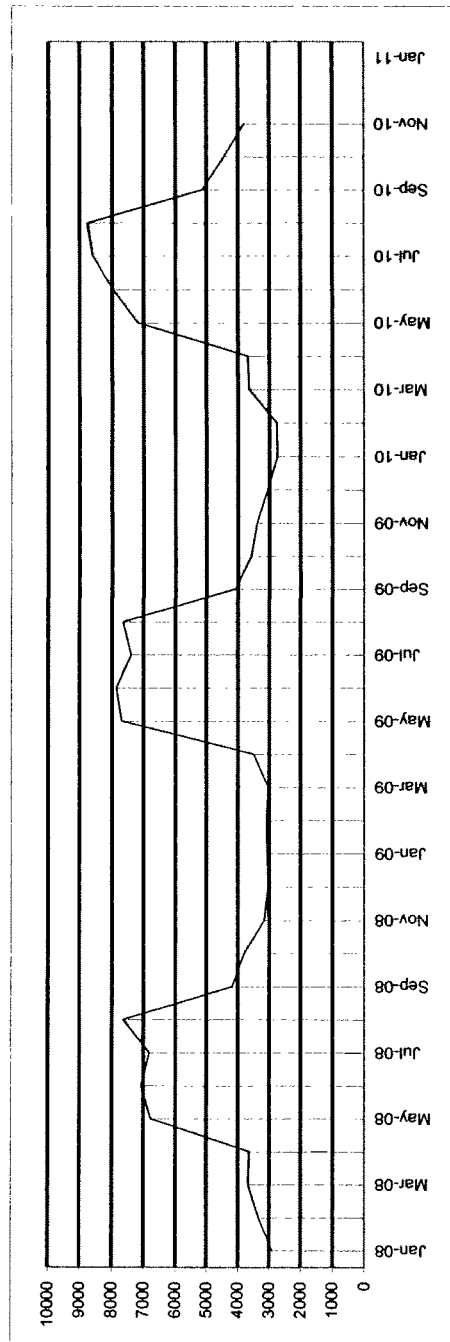
NPDES Limit for TSS and BOD = 30 mg/l



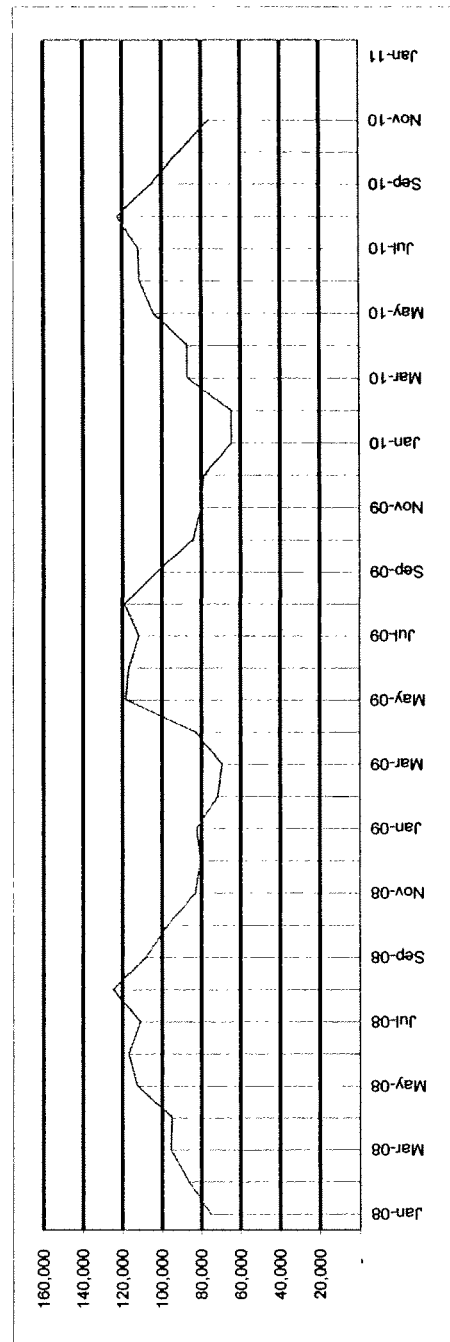
Hauled Sludge				Annual Cumulative # Dry	Basin Depths				Blanket Depths				MLSS Inventory				Blanket and MLSS Inventory				MLSS % Solids	Total Dry Studge Inventory	Accepted Septage Loads	Gallons
Loads	Gallons	# Dry	% Solids		Tank #1	Tank #2	AB #1	Basin Gallons	# Dry	Clarf #1	Clarf #2	Clarf #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids							
Jan-08	15	55,500	21,971	4.7%	6.5	4.0	0.0	472,500	187,050	0.5	5.0	0.0	3,860	3,999	3,687,691	120,271	0.0039	307,322	29	64,500				
Feb-08	23	85,100	32,679	4.6%	6.5	3.5	0.0	450,000	172,803	0.0	0.0	0.0	3,880	4,550	3,600,000	126,101	0.0042	298,904	25	62,500				
Mar-08	70	259,000	94,734	4.4%	6.0	5.0	0.0	495,000	181,055	1.0	1.0	0.0	3,730	3,470	3,635,524	109,153	0.0036	280,208	28	65,000				
Apr-08	87	321,900	106,182	4.0%	6.0	1.0	0.0	315,000	103,906	1.0	1.0	0.5	4,280	3,720	3,657,238	122,005	0.0044	225,911	39	97,500				
May-08	27	99,900	31,352	3.8%	8.0	2.5	0.0	472,500	148,286	3.0	1.0	1.5	4,580	3,400	3,736,190	124,328	0.00399	272,614	45	110,500				
Jun-08	69	255,300	76,713	3.6%	363,631	5.0	1.0	270,000	81,130	1.0	1.5	2.0	3,290	4,340	3,731,261	118,251	0.0038	199,381	51	127,500				
Jul-08	51	188,700	57,026	3.6%	420,657	4.5	3.0	337,500	101,994	1.0	2.0	0.5	4,820	4,190	3,675,000	134,858	0.0044	236,852	43	107,500				
Aug-08	83	307,100	100,875	3.9%	7.0	0.0	0.0	315,000	103,470	1.0	1.0	3.0	2,870	3,060	3,765,808	93,435	0.00298	196,905	28	65,500				
Sep-08	37	136,900	46,657	4.1%	568,189	3.0	4.0	315,000	107,355	0.0	1.0	1.0	3,910	3,640	3,661,190	115,287	0.00378	222,622	20	44,000				
Oct-08	33	122,100	41,411	4.1%	609,600	3.0	1.5	202,500	68,679	0.0	1.0	1.0	3,970	4,250	3,661,190	125,911	0.0041	193,870	23	57,500				
Nov-08	0	-	0	4.1%	609,600	3.0	3.5	292,500	100,017	0.0	0.0	0.5	3,520	3,980	3,621,714	111,759	0.0037	211,776	30	72,500				
Dec-08	30	111,000	38,011	3.9%	645,611	5.0	2.0	315,000	102,193	0.0	0.5	0.5	4,160	3,800	3,630,595	120,511	0.00398	222,704	12	30,000				
Jan-09	12	44,400	14,627	4.0%	6.0	4.0	0.0	450,000	148,247	0.0	1.0	0.0	3,220	3,860	3,617,762	106,809	0.00354	255,056	24	59,000				
Feb-09	53	196,100	65,018	4.0%	5.0	2.5	0.0	337,500	111,900	0.0	0.5	0.0	1,840	3,640	3,608,881	82,469	0.00274	194,369	24	62,000				
Mar-09	12	44,400	15,738	4.3%	5.5	5.0	0.0	472,500	167,482	1.0	1.0	0.5	3,330	4,110	3,657,238	112,855	0.0037	280,337	18	45,000				
Apr-09	82	303,400	96,032	3.8%	5.0	1.0	0.0	270,000	85,460	3.0	0.0	1.0	4,260	3,360	3,696,714	122,089	0.00396	207,549	26	65,000				
May-09	53	196,100	71,251	4.4%	5.5	2.5	0.0	360,000	130,802	1.0	1.0	1.0	3,380	3,350	3,678,952	111,991	0.00365	242,793	26	64,000				
Jun-09	70	259,000	76,875	3.6%	339,541	4.5	2.0	292,500	86,818	0.5	1.0	2.5	3,180	2,890	3,735,213	94,545	0.00304	181,364	32	78,500				
Jul-09	70	259,011	110,068	5.1%	5.0	0.0	0.0	225,000	95,563	0.0	1.0	4.0	3,040	2,910	3,791,474	94,072	0.00298	189,635	50	163,500				
Aug-09	84	310,800	90,568	3.5%	540,117	4.5	1.5	270,000	78,679	1.0	1.0	1.0	2,910	3,890	3,678,952	104,320	0.0034	182,969	55	145,000				
Sep-09	43	159,100	47,213	3.6%	587,330	6.0	0.0	270,000	80,123	0.5	0.5	0.0	3,750	2,620	3,617,762	96,098	0.00319	176,221	37	97,500				
Oct-09	13	48,100	14,626	3.6%	601,956	6.5	2.0	382,500	116,309	1.0	1.0	0.0	3,040	3,720	3,635,524	115,217	0.0039	231,526	43	112,500				
Nov-09	57	210,900	66,838	3.8%	668,794	6.0	1.0	315,000	99,829	2.0	1.0	0.0	2,640	3,820	3,653,286	98,413	0.00323	198,242	57	146,500				
Dec-09	10	37,000	13,577	4.4%	682,371	5.0	2.0	315,000	115,588	2.0	2.0	1.0	3,320	3,600	3,714,476	107,186	0.00346	222,774	25	60,000				
Jan-10	0	-	0	4.4%	5.0	3.0	0.0	360,000	132,106	1.0	1.0	0.0	3,640	3,460	3,635,524	107,637	0.00355	239,743	20	50,500				
Feb-10	0	-	0	4.4%	5.0	5.0	0.0	450,000	165,132	2.0	1.0	0.0	3,310	2,910	3,653,286	94,757	0.00311	259,889	35	93,000				
Mar-10	37	136,900	42,800	3.7%	7.0	5.5	0.0	582,500	175,858	1.0	0.0	1.5	3,940	3,890	3,682,904	120,251	0.00392	296,109	13	33,000				
Apr-10	101	373,700	119,328	3.8%	6.0	1.0	0.0	315,000	100,584	1.0	1.5	2.0	4,440	4,380	3,731,261	137,234	0.00441	237,818	48	124,000				
May-10	31	114,700	43,047	4.5%	298,275	6.0	3.0	405,000	151,997	1.5	4.5	2.0	3,930	4,750	3,793,428	137,305	0.00434	289,302	48	126,000				
Jun-10	30	111,000	31,506	3.4%	330,781	7.0	3.0	450,000	127,727	1.0	1.0	1.0	3,650	3,770	3,678,952	113,832	0.00371	241,559	60	157,500				
Jul-10	68	251,600	82,206	3.9%	412,987	8.0	1.0	405,000	132,327	1.0	2.0	1.0	3,650	3,250	3,696,714	106,366	0.00345	238,892	22	52,000				
Aug-10	141	521,700	171,540	3.9%	584,527	3.0	0.0	135,000	44,389	2.5	1.5	1.0	3,250	3,520	3,714,476	104,708	0.00338	149,097	96	252,000				
Sep-10	0	-	0	3.9%	584,527	2.5	2.5	225,000	73,184	2.0	2.0	1.0	3,300	3,750	3,714,476	109,045	0.00352	182,229	18	46,500				
Oct-10	9	33,300	8,517	3.1%	593,044	4.0	1.5	247,500	63,302	1.0	0.0	2.0	3,460	3,680	3,704,618	110,301	0.00357	173,603	28	65,000				
Nov-10	39	144,300	54,094	4.5%	647,138	4.5	0.0	202,500	75,912	1.5	2.5	1.5	4,050	3,640	3,736,190	119,654	0.00384	195,565	16	38,000				
Dec-10	0	-	0	4.5%	647,138	4.5	4.0	382,500	143,552	2.0	2.0	0.0	3,700	3,890	3,671,048	116,037	0.00379	259,589	24	56,500				



Electric Cost



Kilowatts Used





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

Discharge Monitoring Report For Municipal Wastewater Treatment Plants

NAME OF FACILITY					LOCATION ADDRESS & CITY								COUNTY/REGION	
Lake of the Ozarks Regional WWTP #1					#3 Anderson Road								Miller/SWRO	
MONTH/YEAR		PERMIT NUMBER			OUTFALL NUMBER		TYPE TREATMENT FACILITY							
Dec-10		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	7.6			14.3	1.367	7.8				7.5		10.5		
2	7.4			15.4	1.440	7.9			0.12	7.6		12.1		
3	7.6	262	368	14.8	1.474	7.9	2.3	2.2		7.4		12	99.1	99.4
4	7.5			13.7	1.180	7.8				8.1		10.7		
5	7.5			13.7	1.311	7.8				8.1		9.9		
6	7.5			14	1.269	7.8				8.9		9.7		
7	7.5			13.8	1.240	7.8				8.6		10.3		
8	7.4			14.1	1.261	7.8				8.5		9.7		
9	7.5			13.9	1.155	7.9			0.05	8.9		10.8		
10	7.5	212	276	13.6	1.091	7.9	2.0	2.6		8.6		9.9	99.1	99.1
11	7.5			15.5	1.333	7.9				7.2		13		
12	7.5			12.3	1.235	7.8				8.8		9.3		
13	7.3			13.2	1.188	7.9				9.1		8.6		
14	7.4			12.3	1.167	7.8				10.2		6.8		
15	7.5			12.9	1.062	7.9				9.5		9.4		
16	7.6			12.5	1.153	7.9			0.08	9.1		9.4		
17	7.3	245	346	12.5	1.098	7.8	1.9	1.8		10.8		7.9	99.2	99.5
18	7.4			12.3	1.094	7.8				9.9		7.9		
19	7.4			12.6	1.223	7.7				8.4		9		
20	7.5			11.1	1.102	7.6				7.6		9		
21	7.2			12.6	1.014	7.7				6.5		9.5		
22	7.3	235	170	13.3	1.168	7.8	1.8	1.4	0.48	6.9		10.6	99.2	99.2
23	7.4			12.9	1.035	7.8				7.2		10.2		
24	7.4			13.5	1.112	7.8				6.7		10.7		
25	7.5			13.8	1.037	7.9				6.8		10.5		
26	7.4			12.8	0.889	7.9				6.9		9.6		
27	7.5			12.2	1.017	7.8				7.2		8.8		
28	7.5			12.3	1.153	7.8			0.03	7.4		9.9		
29	7.5	225	158	12.5	1.178	7.8	1.6	1.2		8.1		10.4	99.3	99.2
30	7.2			13.7	0.989	7.7				7.9		10.7		
31	7.3			12.3	1.070	7.7				6.7		10.5		
Total					36.105									
Avg		236	264	13	1.165		1.9	1.8	0.2	8.1	< 20	9.9	99.2	99.3
Min	7.2	212	158	11	0.889	7.6	1.6	1.2	0.0	6.5	< 20	6.8	99.1	99.1
Max	7.6	262	368	16	1.474	7.9	2.3	2.6	0.5	10.8	< 20	13.0	99.3	99.5

INSTREAM MONITORING (S1)					INSTREAM MONITORING (S2)			
DATE	Ammonia as N mg/l	pH UNITS	DO mg/l	TEMP °C	Ammonia as N mg/l	pH UNITS	DO mg/l	TEMP °C
1								
2								
3								
4								
5								
6								
7								
8								
9	0.04	8.2	17.4	1.8	0.04	8.3	15.2	6.2
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
Total								
Avg	0.04				0.04			
Min	0.04	8.2	17.4	1.8	0.04	8.3	15.2	6.2
Max	0.04	8.2	17.4	1.8	0.04	8.3	15.2	6.2

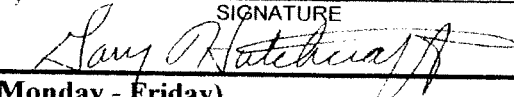
MONTHLY MONITORING		QUARTERLY MONITORING	
DATE	Oil & Grease mg/L	Selenium µg/L	Zinc µg/L
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21	< 5.0		
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
Total			
Avg	< 5.0	0.00	0.00
Min	< 5.0	0.00	0.00
Max	< 5.0	0.00	0.00

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 mg/l	** MLSS mg/l	*Settleability		* DO mg/l	** MLSS mg/l	*Settleability				
				*30 min ml	Temp ° C			*30 min ml	Temp ° C			
1		6.2	4,370	520	10.4	7	4,270	540	10.5	25		7:30
2		5.4	4,720	600	11.6	6.2	4,120	550	11.6	35		7:30
3		5.5	4,720	590	12.5	5.2	4,340	550	11.9	31		7:30
4		6.2	4,210	530	10.9	6	4,220	530	10.9	39		7:30
5		6.7	4,050	600	10.8	6.2	4,530	660	10.3	28		7:30
6		7.5	4,070	460	9.7	6.5	4,670	700	9.9	24		7:30
7		7.6	4,340	530	11.2	5.3	4,620	640	10.5	22		7:30
8		6.5	4,940	660	12.7	6.5	4,240	590	13.3	20		7:30
9		5.5	5,310	700	11.2	6.9	4,510	500	11.5	32		7:30
10		5.7	4,630	610	11.5	6.1	4,090	540	10.9	32		7:30
11		4.9	4,230	460	13.2	5.4	4,770	630	13.3	49		7:30
12		6.9	4,390	500	10.9	6.7	3,850	500	11.2	19		7:30
13		7.2	4,470	620	8	7.6	4,600	680	8.5	5		7:30
14		8.7	4,400	600	8	9.1	4,610	740	7.2	25		7:30
15		7.4	4,170	530	10	7.6	4,570	690	9.7	28		7:30
16		7.3	4,150	510	9.5	6.4	4,720	730	9.4	31		7:30
17		9.1	4,040	520	8.7	8.9	4,770	780	8.6	24		7:30
18		7.7	4,140	600	8.5	7.7	4,240	630	7.7	30		7:30
19		4.9	4,910	740	9.7	5.1	2,540	360	9.4	34		7:30
20		1.3	4,770	730	8.6	5	3,950	550	9.1	30		7:30
21		1.1	4,100	540	10.3	2.9	3,680	470	9.5	40		7:30
22		1.2	3,660	380	10.9	2.7	4,440	630	11.1	26		7:30
23		1.9	3,460	350	11.1	3.5	4,330	580	10.4	33		7:30
24		2.3	3,730	380	11	3.1	4,240	550	10.8	31	0.1	7:30
25		1.8	3,730	380	11.8	2.5	4,220	260	11.5	29	0.25	7:30
26		1.4	3,600	350	9.9	2.7	4,270	600	9.9	22		7:30
27		2.9	3,690	380	9.6	2.6	4,320	610	9.6	17		7:30
28		3.4	3,710	400	9.7	3.6	4,340	610	9.4	27		7:30
29		3.2	3,630	350	10.2	2.3	4,510	620	10.7	40		7:30
30		3.0	3,710	310	11.1	2.3	4,210	450	10.8	57		7:30
31		0.9	3,700	360	10.8	1	3,890	360	10.8	53	0.4	7:30
COMMENTS												

COMMENTS:

We received our new permit on 12/15/10 and we contacted Michael Abbott w/ MDNR office in Jefferson City and were told that we had to go ahead with the monthly Oil & Grease for December 2010 and the quarterly Selenium and Zinc has to be sampled in the 1st quarter of 2011 with the report due on 4/28/2011.

TESTS PERFORMED BY (PRINT)	SIGNATURE	PHONE #	DATE
Frank Hendricks		(573)365-0455	1/4/2011
REPORT APPROVED BY (PRINT)	SIGNATURE	PHONE #	DATE
Gary Hutchcraft		(573)365-0455	1/4/2011

***Required Daily (Monday - Friday)**

****Required 1/week**

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

11/16/2011

Date _____

11/16/2011

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**AMENDMENT TO AGREEMENT MADE NOVEMBER 18, 2008
BY AND BETWEEN THE JOINT SEWER BOARD OF
LAKE OZARK AND OSAGE BEACH AND
ALLIANCE WATER RESOURCES, INC.**

WITNESSETH: Whereas on November 18, 2008, the **JOINT SEWER BOARD OF LAKE OZARK AND OSAGE BEACH** (hereinafter referred to as "Board") and **ALLIANCE WATER RESOURCES, INC.**, a Missouri corporation (hereinafter referred to "Alliance") entered into an agreement relative to the operation and maintenance of the Board's wastewater treatment plant, and

WHEREAS, the parties are desirous of modifying the provisions of the prior contract by this agreement;

NOW THEREFORE, for mutual consideration, each by the other received, the parties agree that the prior agreement is modified, altered and changed in the following respects only:

1. All power costs paid by Alliance in 2010 in excess of the 2010 benchmark power budget of \$57,600 will be reimbursed to Alliance by the Board.
2. Effective for invoices received after January 1, 2011, all Ameren MO power costs for the Joint Sewer Treatment Plant shall be paid directly by the Board. Invoices shall be immediately faxed and forwarded to the City Treasurer for the City of Osage Beach within 72 hours of receipt by Alliance. Any fees, penalties or additional costs assessed against the Board as a result of late payment caused by Alliance's failure to timely forward the invoice shall be paid by Alliance.
3. Effective January 1, 2011, Alliance's Total Compensation will consist of only the Base Compensation and Annual CPI Fee Adjustment as defined in Section IV, Compensation, and the paragraphs in Section IV Compensation defining Power Compensation and Total Annual Compensation are deleted in their entirety.
4. Should the annual power consumption in kilowatt hours at the Joint Sewer Treatment Plant exceed the previous calendar year power consumption by 5% or more, Alliance and the Board will discuss the reasons for the consumption increase and work on ways to reduce future power consumption.

IN WITNESS WHEREOF, the parties have executed this amendment this 18th day of January, 2011.

WITNESS:

**JOINT SEWER BOARD OF LAKE
OZARK AND OSAGE BEACH**

Secretary

Board Chairman

Date

WITNESS:

ALLIANCE WATER RESOURCES, INC.

Secretary

President

Date

STAFF CREATED DRAFT FOR DISCUSSION ONLY

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.

¹ 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.

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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.

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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

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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 ordinance(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

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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 arms-length 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

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

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

APPLICATION FOR CONNECTION FOR SERVICE

PROJECT NAME:

APPLICANT:

ADDRESS:

PHONE:

FAX:

EMAIL:

CONTACT PERSON:

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.

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(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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