

**OSAGE BEACH / LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
SEPTEMBER 15, 2015
4:00 p.m.
LAKE OZARK CITY HALL**

1. CALL TO ORDER

2. ROLL CALL

Mayor, Osage Beach, Penny Lyons
Mayor, Lake Ozark, Johnnie Franzekos
City Administrator, Osage Beach, Jeana Woods
City Administrator, Lake Ozark, Dave Van Dee
Alderman, Lake Ozark, Gerry Murawski
Alderman, Osage Beach, Jeff Bethurem
Public Works Director, Osage Beach, Nick Edelman
Public Works Director, Lake Ozark, Matt Michalik
Resident Member, Mr. Gary Hamner

3. MINUTES

Page Numbers

Regular Meeting; August 18, 2015

3

4. REPORTS

Bill List	5-13
Revenue Budget Analysis	15
Expenditure Budget Analysis	16
Income & Expense Summary	17
Check Registers & Bank Statements	19-22
August, 2015 Alliance Report of Operations	23-42

5. OLD BUSINESS

A. Magruder litigation

6. NEW BUSINESS:

A. Discussion of bids

43

7. DISCUSSION

8. ADJOURNMENT

THE NEXT MEETING WILL BE OCTOBER 20, 2015, 4:00 PM @ LAKE OZARK CITY HALL

**LAKE OZARK - OSAGE BEACH
JOINT SEWER BOARD
Meeting Minutes – August 18, 2015**

Call to Order:

Mayor Penny Lyons called the meeting to order at 4:00 p.m. on Tuesday, August 18, 2015 at Lake Ozark City Hall.

Roll Call:

Penny Lyons, Mayor
Johnnie Franzeskis, Mayor
Dave Van Dee, City Administrator
Jeana Woods, City Administrator
Jeff Bethurem, Alderman – Absent
Gerry Murawski, Alderman
Gary Hamner, Resident
Nick Edelman, Public Works Director
Matt Michalik, Public Works Director

Others Present:

Gary Hutchcraft, Plant Manager
Ed Rucker, Osage Beach City Attorney
Steven Mauer, Joint Sewer Attorney

Minutes of Past Meeting:

Mayor Lyons requested a motion to approve the August 18, 2015 meeting minutes. Mayor Franzeskis motioned to approve the minutes as written. Second by Mr. Murawski with unanimous approval of the remaining Board members.

Public Comment: None at this time.

Bills List: Mayor Lyons requested a motion to approve the Bills List. Mayor Franzeskis motioned approval of amended bills list. Second by Mr. Hamner with unanimous approval of the remaining Board members.

Reports:

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

JOINT SEWER BOARD
BILL LIST
SEPTEMBER 15, 2015

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$ -
OPERATING FUND BILLS TO BE PAID:	\$ 29,304.36
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$ -
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$ -
TOTAL	\$ 29,304.36

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

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

OPERATING FUND BILLS TO BE PAID:

Account	Check	Paid To:	Description:	Amount:
4000	3469	Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.17
4170	3470	Alliance Water Resources, Inc.	June 2015 Management Fee	\$ 24,686.09
4020	3471	Alliance Water Resources, Inc.	A/C Maintenance	\$ 109.67
4150	3471	Alliance Water Resources, Inc.	Repair engine mounts	\$ 213.68
4220	3472	Zerger & Mauer LLP	Appeal Review and Preparation	\$ 591.50
4020	3473	Lake Sun Leader	Oxidation Ditch Project Bid Publication	\$ 236.25
TOTAL				\$ 29,304.36

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

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

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

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

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 Kari Bell
City of Osage Beach
1000 City Parkway
Osage Beach, MO 65065

INVOICE

Invoice No: 6589

01-Sep-15

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Wastewater Plant operating service for month of: Sep-15 Base Fee	\$24,686.09
TOTAL DUE		\$24,686.09

Alliance Water Resources, Inc.

Professional Water and Wastewater Operations

206 South Keene Street

Columbia, Missouri 65201

(573) 874-8080 Fax (573) 443-0833

SOLD TO

Lake Ozark/Osage Beach Joint Utility Board

c/o Karri Bell

City of Osage Beach

1000 City Parkway

Osage Beach, MO 65065

INVOICE

Invoice No: 6590

Invoice Date: 01-Sep-15

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Roemer's Heavy Equipment - 1 invoice	\$109.67
	Scheppers International Truck Center, Inc.	\$213.68
TOTAL DUE		\$323.35

QTY PART NO. AND DESCRIPTION PRICE

1 1002-5565 Switched A/C 88.56

ROEMER'S HEAVY EQUIPMENT

& TRUCK REPAIR

P.O. Box 191
Osage Beach, Missouri 65065
(573) 348-3733

NAME

ALLIANCE WARE RESOURCES INC.

CUSTOMER SERVICE NO.

ORDER WRITTEN BY

DATE
12/13/15
PROPOSED

ADDRESS

P.O. Box 1985

CITY, STATE, ZIP

PHONE

LAKE CHARL MO. 65049

BUSINESS PHONE

EXT. P.M.

YEAR

2015

LICENSE NUMBER

ODOMETER IN

SERIAL NUMBER

833094

MOTOR NUMBER

TERMS

ODOMETER OUT

DESCRIPTION OF WORK

AMOUNT

☐ LUBE ☐ CHANGE OIL ☐ OIL FILTER ☐ TUNE-UP ☐ TRANS. ☐ DIFF.

CHECK A/C SYSTEM FOR NO. 1

TURBINE ON CHECK AND REPLACE

HOSE PRESSURE COOLANT SWITC.

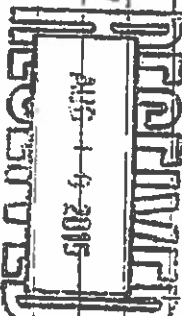
Paul + Check

6792-20 116.51 1000-20

Signature

Date:

8/10/15



MAY BE CONTINUED ON OTHER SIDE

TOTAL PARTS

88.56

ACCESSORIES

LITERS/GALS. OF GAS

0

TOTAL LABOR

130.00

LITERS/GALS. OF OIL

0

TOTAL PARTS

88.56

KG/LBS OF GREASE

0

ACCESSORIES

0

GAS, OIL & GREASE

0

SUBLET REPAIR

0

WASTE DISPOSAL

0

TAX

10.27

SAVE OLD PARTS?

☐ YES ☐ NO

TOTAL

226.18

SIGNATURE

THANK YOU!

226.18



SCHEPPERS INTERNATIONAL TRUCK CENTER, INC.

1722 Southridge Drive - PO Box 104223
Jefferson City, MO 65110-4223
FAX (573) 556-0757
(573) 635-9223 - (800) 962-6324

Repair Order

Page 1 of 1

Pre-Bill Copy

Printed: 8/17/2015 8:53 am

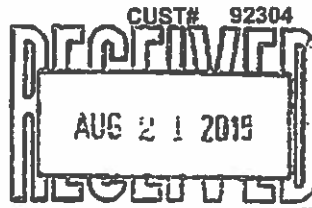
CUSTOMER COPY

ALLIANCE WATER RESOURCES
PO BOX 1985

LAKE OZARK, MO 65049-0000

PHONE: GARY 573 216-8398

Service Unit



RO# C115141
START 8/14/15 08:42
BILLED 8/17/15 08:53
PO#
WRITER DGB
APPROVAL DGB

OWNER: 92304 UNIT# 094 1995 WHITE GMC CONVENTION

CURR MI .1

DELIVERED:

VIN: 4V2JCBBE7SR833094

ENGINE: 10.5L 8 CYL

Unit Warranty

LAKE OZARK WASTE WATER TREATMENT PLANT

Repair Order Details

Problem #01

Customer

COMPLAINT: SERVICE CALL

LABOR: SC

208.00

MISC:

FUEL/MAINT

List

Unit

T/C

Ext

Price

Subtotal Labor:

208.00

Subtotal Misc:

90.00

Problem #02

Customer

COMPLAINT: FRONT ENGINE MOUNTS LOOSE

CORRECTION: FOUND 1 BROKEN BOLT - STRAIGHTENED BENT MOUNT - REINSTALLED
WITH NEW BOLT - CHECK ALL MOUNTING BOLTS

LABOR:

114.40

PARTS:

1.00 414084C1 BOLT
1.00 416743C1 NUT

List

Unit

T/C

Ext

Price

8.13

5.75

4.59

3.49

Subtotal Labor:

114.40

Subtotal Parts:

9.24

GL Acct#: 6702-20 \$214.39 1220-20 \$213.68

Signature: *[Signature]*

Date: 8/21/15

Total Labor: 322.40

Total Parts: 9.24

Total Misc. Expenses: 90.00

REPAIR ORDER SUBTOTAL 421.64

TOTAL MISC SHOP SUPPLIES 6.72

DEDUCTIBLE \$0.00

*SALES TAX .71

REPAIR ORDER TOTAL 428.07

Thank you for allowing us to
service your vehicle

Sales (573) 636-3810
Parts (573) 636-2133
Service (573) 636-9223

Disclaimer Statement

The factory warranty constitutes all of the warranties with respect to the sale of this item/items. The seller hereby expressly disclaims all warranties, either express or implied including any implied warranty of merchantability or fitness for a particular purpose, and the seller neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of this item/items.

X

ZERGER & MAUER LLP

Attorneys at Law

Since 2000

Kansas City, MO 64103 Phone: 816.752.3300 Fax: 816.752.3309

INVOICE

PRIVILEGED & CONFIDENTIAL

City of Osage Beach
c/o Ed Rucker, Esq.
1000 City Parkway
Osage Beach, MO 65065

Invoice Date: 08/25/2015

Previous Balance	Fees	Expenses	Advances	Payments	
1014-0002 Magruder					
0.00	591.50	0.00	0.00	0.00	\$591.50

To ensure proper credit, please include account number and invoice number on remittance checks. Thank you.

ZERGER & MAUER LLP

The Main Street

Suite 2000

Kansas City, MO 64105 816 434-1100 Fax: 816 434-1101

INVOICE**PRIVILEGED & CONFIDENTIAL**

City of Osage Beach
c/o Ed Rucker, Esq.
1000 City Parkway
Osage Beach, MO 65065

Account No. 1014.0002
RE: Magruder

Invoice Date: 08/25/2015
Invoice No. 14500
Page No. 1

Fees

		Rate	Hours	
07/01/2015				
JBJ	Review file for ruling on attorneys' fees.	175.00	0.80	140.00
07/08/2015				
JBJ	Draft memo to E. Rucker regarding City's options for appeal and motion for costs.	175.00	2.10	367.50
SEM	Review decision from Judges; prepare notes regarding same; attorney conference regarding same.	280.00	0.30	84.00
07/10/2015				
SEM	Telephone call with E. Rucker regarding appeal; prepare letter regarding potential costs for same.	280.00		
07/30/2015				
EDC	Prepare Notice of Appeal and telephone call to court regarding recording of hearing (no charge).	160.00		
	For Current Services Rendered		3.20	591.50
	Total Current Work			591.50
	Balance Due			\$591.50

To ensure proper credit, please include account number and invoice number on remittance checks. Thank you.

Lake Sun



LAKE SUN LEADER

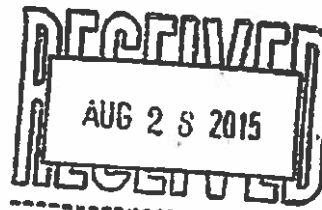
GATEHOUSE MEDIA MO HOLDINGS, INC.

Legal Advertising Invoice

918 N. Business Route 5
Camdenton, MO 65020-0980
573-317-8151 FAX 573-346-4508

JOINT SEWER BOARD
PO BOX 1985
LAKE OZARK, MO 65049

RE: BID- OXIDATION DITCH PROJECT
PN: 19439
ACCT# 86691



AFFIDAVIT OF PUBLICATION

(State of Missouri)

) SS

(County of Camden)

I, JOYCE MILLER, BEING DULY SWORN ACCORDING TO LAW, STATE THAT I AM (REGIONAL EDITOR) OF THE LAKE SUN LEADER, A DAILY NEWSPAPER OF GENERAL CIRCULATION IN THE COUNTY OF CAMDEN, MISSOURI, WHERE LOCATED; WHICH HAS BEEN ADMITTED TO THE POST OFFICE AS PERIODICAL MATTER IN THE CITY OF CAMDENTON, THE CITY OF PUBLICATION: WHICH NEWSPAPER HAS BEEN PUBLISHED REGULARLY AND CONSECUTIVELY FOR A PERIOD OF THREE YEARS AND HAS A LIST OF BONAFIDE SUBSCRIBERS VOLUNTARILY ENGAGED AS SUCH WHO HAVE PAID OR AGREED TO PAY A STATED PRICE FOR A SUBSCRIPTION FOR A DEFINITE PERIOD OF TIME, AND THAT SUCH NEWSPAPER HAS COMPLIED WITH THE PROVISIONS OF COMMITTEE SUBSTITUTE FOR SENATE BILL 39 ENACTED BY THE FIFTY-NINTH GENERAL ASSEMBLY OF THE STATE OF MISSOURI. THE AFFIXED NOTICE APPEARED IN SAID NEWSPAPER ON THE FOLLOWING CONSECUTIVE WEEKS (ISSUES).

FROM: 08/26/2015
VOL 136 NO 166

TO: 08/26/2015
DAY OF AUGUST 26, 2015

SIGNED: _____

JOYCE MILLER (REGIONAL EDITOR)

PUBLICATION FEE DUE: \$ 236.25

SUBSCRIBED AND SWORN TO BEFORE ME THIS
26 DAY OF AUGUST, 2015.

SIGNED: _____

DEBBIE FRANKLIN

(NOTARY PUBLIC)

NOTARY PUBLIC STATE OF MISSOURI, CAMDEN COUNTY

MY COMMISSION EXP. APRIL 29, 2017

Payment is due upon receipt of this invoice.

Proof of Publication is available on or after the last day of publication.

After payment is received, signed & notarized affidavit will be issued.

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

Account Number	Account Name	8/31/2015				Percent YTD
		2013 Actual	2014 Actual	2015 Budget	2015 Actual as of 8/31/2015	2015 August Revenue
3020	Osage Beach	452,145.77	464,343.06	467,500.00	317,764.52	39,505.40
3010	Lake Ozark	92,854.22	85,716.93	82,500.00	48,902.15	6,327.94
3100	Interest	34.50	31.18	30.00	32.77	5.15
3060	Waste Haulers' Fee	41,460.00	34,340.00	38,000.00	23,000.00	4,720.00
Total Operating Fund		586,494.49	584,431.17	588,030.00	389,699.44	50,558.49
E/R Fund Income		1,320.11	1,025.06	1,200.00	588.90	57.16
TOTAL INCOME		587,814.60	585,456.23	589,230.00	390,288.34	50,615.65
						66%

**MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
8/31/2015**

Account Number	Account Name	2013 Actual	2014 Actual	2015 Budget	2015 Actual as of 8/31/2015	2015 August Expenses	Percent YTD
4000	Equipment Replace Fund	41,606.04	41,606.04	41,606.04	27,737.36	3,467.17	67%
4010	ERF Repayment	27,961.44	0.00	0.00	0.00	0.00	
4020	*Maintenance & Repair	19,273.37	58,873.44	88,800.00	13,494.03	4,770.00	15%
4140	Insurance	15,489.00	16,502.00	17,000.00	16,306.00	0.00	96%
4150	***Vehicle Repair/Maint	1,352.11	9,186.16	3,000.00	907.34	0.00	30%
4160	Haulers Fees to Contractor	8,000.00	8,000.00	8,000.00	8,000.00	1,000.00	100%
4170	Contract Management	281,409.84	288,445.08	295,657.05	197,488.72	24,686.09	67%
4185	Electric	71,923.84	70,366.40	75,000.00	51,183.78	10,912.44	68%
4200	Audit	1,750.00	1,900.00	2,000.00	2,000.00	0.00	100%
4220	Professional Service	119,683.73	43,038.41	30,000.00	0.00	0.00	0%
4240	Capital Purchases	5,748.00	0.00	30,000.00	0.00	0.00	0%
	Totals	594,197.37	537,917.53	591,063.09	317,117.23	44,835.70	54%
	**E/R Expenses	4,260.00	9,429.93	17,000.00	221.10	0.00	1%
	TOTAL EXPENSES	598,457.37	547,347.46	608,063.09	317,338.33	44,835.70	52%

****Equipment & Replacement**

Normal E/R
Rebuild Arm Support Clarifier #1 & 2
Replace doors

***Maintenance & Repair**
Auto Dialer Yrly Software Fee 500.00
Expanded Effluent testing Renewal Fee 1,000.00
Normal Maintenance 8,000.00
UV Spare Parts 8,000.00
Backup Hach Do meter & probe 2,100.00
Parking Lot Sealing & Crack filling 1,200.00
Painting all 5 Buildings inside fence 10,000.00
Rock for Road 2,000.00
Strip and refinish tile in Admin Bldg 1,000.00
#1 Aeration Basin grit removal 55,000.00
88,800.00

*****Vehicle Repair/Maint**

Vehicle Maintenance

10,000.00
5,000.00
2,000.00
17,000.00

3,000.00
3,000.00

OPERATING FUND INCOME AND EXPENSE SUMMARY
8/31/2015

Beginning Balance	142,460.54
Income - Osage Beach	39,505.40
Income - Lake Ozark	6,327.94
Income - Other	0.00
Income - Waste Haulers' Fees	4,720.00
Interest - Checking	5.15
Income - CD Interest	0.00
Transfers From E/R Fund	0.00
Transfers to E/R fund	-3,467.17
Expenses	-44,433.73
Ending Fund Balance	145,118.13
NOW Account - Central Bank	145,118.13
Outstanding Checks:	0.00
Deposit in Transit:	0.00
	145,118.13

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
8/31/2015

Beginning Balance	434,018.98
Interest - Checking	57.16
Income - CD Interest	0.00
Transfers From E/R Fund	0.00
Transfers to E/R Fund	3,467.17
Income - Miscellaneous	0.00
Expenses	0.00
Ending Fund Balance	437,543.31
NOW Account - First Bank	137,258.04
CD Providence Bank, 10/16 #1268880	200,047.87
CD First Bank of the Lake, 01/16 #101318429	100,237.40
Deposit in Transit	0.00
Outstanding Checks:	0.00
	437,543.31



P.O. Box 1500, Jefferson City, MO 65102
(314) 481-261

Return Service Requested

[illegible]

Web Address
www.cbolobank.com

M M 10

Number of days since last statement/interest cycle	31
Beginning and ending dates for calculation of statement/interest cycle are 08/01/2015 through 08/31/2015	
Average collected balance	151,511.00
Interest rate	0.04%
Annual percentage yield earned	0.04%

Operating Fund

CHECK REGISTER - JOINT SEWER BOARD OPERATION FUND

	reconciled balance 4/30/15				113,998.25
3441	Ameren MO	X	5,084.15		108,914.10
3442	Equipment Replacement Fund	X	3,467.17		105,446.93
3443	Alliance Water Resources, Inc.	X	1,150.00		104,296.93
3444	Alliance Water Resources, Inc.	X	24,686.09		79,610.84
3445	Alliance Water Resources, Inc.	X	661.85	-	78,948.99
	Deposit LO	X	-	5,947.36	84,896.35
	Deposit OB	X		39,885.98	124,782.33
	Deposit Insurance Refund	X		429.00	125,211.33
	Deposit	X		2,600.00	127,811.33
	Interest	X		4.30	127,815.63
	reconciled balance 5/31/15				127,815.63
3446	Ameren MO	X	8,707.19		119,108.44
3447	Equipment Replacement Fund	X	3,467.17		115,641.27
3448	Alliance Water Resources, Inc.	X	24,686.09		90,955.18
3449	Alliance Water Resources, Inc.	X	1,300.00		89,655.18
3450	Alliance Water Resources, Inc.	X	1,598.79	-	88,056.39
3451	Environmental Analysis South	X	1,065.20	-	86,991.19
	Deposit LO	X	-	6,312.50	93,303.69
	Deposit OB	X		39,520.83	132,824.52
	Deposit	X		3,680.00	136,504.52
	Interest	X		4.54	136,509.06
	reconciled balance 6/30/15				136,509.06
3452	Ameren MO	X	9,772.49		126,736.57
3453	Equipment Replacement Fund	X	3,467.17		123,269.40
3454	Alliance Water Resources, Inc.	X	24,686.09		98,583.31
3455	Alliance Water Resources, Inc.	X	1,850.00		96,733.31
3456	Alliance Water Resources, Inc.	X	592.37	-	96,140.94
3457	UV Doctor Lamps LLC	X	3,818.60	-	92,322.34
	Deposit	X		113,877.85	206,200.19
3461	Providence Bank	X	113,877.85	-	92,322.34
	Deposit LO	X	-	6,395.29	98,717.63
	Deposit OB	X		39,438.05	138,155.68
	Deposit	X		4,300.00	142,455.68
	Interest	X		4.86	142,460.54
	reconciled balance 7/31/15				142,460.54
3458	Environmental Analysis South	X	1,065.20		141,395.34
3459	Gerding, Korte & Chitwood	X	2,000.00		139,395.34
3460	Environmental Analysis South	X	1,065.20		138,330.14
3462	Ameren MO	X	10,912.44		127,417.70
3463	Equipment Replacement Fund	X	3,467.17	-	123,950.53
3464	Alliance Water Resources, Inc.	X	24,686.09	-	99,264.44
3465	Alliance Water Resources, Inc.	X	1,000.00		98,264.44
3466	Alliance Water Resources, Inc.	X	616.30		97,648.14
3467	Lake Sun Leader	X	238.50		97,409.64
3468	Equipment Replacement Fund	X	2,850.00		94,559.64
	St Of Missouri Vendor Pay	X		320.00	94,879.64
	Deposit LO	X	-	6,327.94	101,207.58
	Deposit OB	X		39,505.40	140,712.98
	Deposit	X		4,400.00	145,112.98
	Interest	X		5.15	145,118.13
	reconciled balance 8/31/15				145,118.13

536 00010 26

ACCOUNT:

101318411

PAGE: 1

DOCUMENTS:

3

08/31/2015

65

LAKE OZARK-OSAGE BEACH JOINT SEWER TREAT
SEWER BD.-TREATMENT PLANT BD.
1000 CITY PKWY
OSAGE BEACH MO 65065-3058

Effective June 1, 2015, an account will become Inactive after (6) six months of customer inactivity and Dormant after (12) twelve months of customer inactivity. The monthly fee of \$5 for inactive accounts and \$10 for dormant accounts will not change.

BUSINESS MDA ACCOUNT 101318411

LAST STATEMENT 07/31/15 133,733.71
3 CREDITS 6,374.33
1 DEBITS 2,850.00
THIS STATEMENT 08/31/15 137,258.04

REF #	DATE	AMOUNT	REF #	DATE	AMOUNT	REF #	DATE	AMOUNT
	08/21	2,850.00		08/21	3,467.17			

DESCRIPTION	OTHER CREDITS	DATE	AMOUNT
INTEREST		08/31	57.16

CHECK #	DATE	AMOUNT	CHECK #	DATE	AMOUNT	CHECK #	DATE	AMOUNT
1011	08/26	2,850.00						

I N T E R E S T

AVERAGE LEDGER BALANCE:	135,423.67	INTEREST EARNED:	57.16
AVERAGE AVAILABLE BALANCE:	134,608.55	DAYS IN PERIOD:	31
INTEREST PAID THIS PERIOD:	57.16	ANNUAL PERCENTAGE YIELD EARNED:	.504
INTEREST PAID 2015:	374.88		

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

JSB - CHECK REGISTERS 2015

CHECK REGISTER - JOINT SEWER BOARD EQUIPMENT REPLACEMENT FUND

			reconciled balance 8/31/14	105,790.74
	Interest	X	18.64	105,809.38
	Deposit	X	3,467.17	109,276.55
	reconciled balance 9/30/14			109,276.55
	Interest	X	18.71	109,295.26
	Deposit	X	3,467.17	112,762.43
	reconciled balance 10/31/14			112,762.43
	Interest	X	17.32	112,779.75
1008	Check	X	2,756.75	110,023.00
	Deposit	X	3,467.17	113,490.17
	reconciled balance 11/30/14			113,490.17
	Interest	X	20.64	113,510.81
	Deposit	X	3,467.17	116,977.98
	reconciled balance 12/31/14			116,977.98
	Deposit	X	101,711.25	218,689.23
	Deposit	X	3,467.17	222,156.40
	CD	X	100,000.00	122,156.40
	Interest	X	19.88	122,176.28
	reconciled balance 1/31/15			122,176.28
	Deposit	X	3,467.17	125,643.45
	Interest	X	18.78	125,662.23
	reconciled balance 2/28/15			125,662.23
	Deposit	X	3,467.17	129,129.40
	Interest	X	53.45	129,182.85
	reconciled balance 3/31/15			129,182.85
	Deposit	X	3,467.17	132,650.02
	Interest	X	53.23	132,703.25
	reconciled balance 4/30/15			132,703.25
	Deposit	X	3,467.17	136,170.42
	Interest	X	52.91	136,223.33
	reconciled balance 5/31/15			136,223.33
	Deposit	X	3,467.17	139,690.50
	Interest	X	60.28	139,750.78
	reconciled balance 6/30/15			139,750.78
	Interest	X	59.19	139,809.97
1009	Check	X	221.10	139,588.87
1010	Check	X	9,322.33	130,266.54
	Deposit	X	3,467.17	133,733.71
	reconciled balance 7/31/15			133,733.71
	Interest	X	57.16	133,790.87
1011	Check	X	2,850.00	130,940.87
	Deposit	X	2,850.00	133,790.87
	Deposit	X	3,467.17	137,258.04
	reconciled balance 8/31/15			137,258.04



**OPERATING
DIVISIONS**

MISSOURI

Atchison County
Bonne Terre
Boonville
Bowling Green
Buchanan County #1
Cameron
Cape Girardeau
Carroll County #1
Craig
**East Central Missouri
Water & Sewer
Authority**
Elsberry
Fayette
Franklin County #1
Franklin County #3
**Henry County
Water Company**
Henry County #3
**Lake Ozark/
Osage Beach**
Lincoln County #1
Nevada
Parkville
Phelps County #2
Platte County #C-1
Proctor & Gamble
Ralls County #1
Russellville
Sedalia
St Charles County #2
St Genevieve
Versailles

IOWA

Maquoketa
Tipton

TENNESSEE

South Fulton

REPORT OF OPERATIONS

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

Month of August 2015

Submitted by Alliance Water Resources, Inc. for the

September 2015

Joint Sewer Board Meeting

SUMMARY OF FACILITY OPERATION

The Lake Ozark/Osage Beach Joint WWTP produced superior effluent quality throughout the month and was in full compliance with effluent limitations established in NPDES Permit No.MO-01013241. No leaks, no spills, and no unauthorized releases to waters of the state. No work related lost time accidents have occurred during the month.

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

PLANT EFFLUENT QUALITY

	BOD mg/l	TSS mg/l	pH	E.coli Coliform Colonies/100 ml	Ammonia as N mg/L	O&G mg/L	Metals Selenium ug/L
Monthly Average	1.4	1.3	NA	< 20	.08	<5.0	
Peak Day	1.7	1.6	8.0	< 20	.11	<5.0	
Percent Removal	99.2	99.4	NA	NA	NA	NA	NA

NPDES EFFLUENT LIMITATIONS

	BOD mg/l	TSS mg/l	pH	E.coli Coliform Colonies/100 ml	Ammonia as N mg/L	O&G mg/L	Metals Selenium ug/ L
Monthly Average	30	30	6-9	126	1.2	10	4.0
Weekly Average	45	45		630			
Daily Max					5.6	15	8.1

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 1.904 MGD or 63% of Permitted flow with Lake Ozark contributing 12% of the total flow and Osage Beach contributing 88%. 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 85773 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 107 tanker loads of bio-solids during the month equivalent to a total of 395,900 gallons and 102,356 pounds dry weight solids.

311,943 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 538,125 gallons with a level of 6.5 feet in Tank 1 and 4.0 feet in Tank 2.

WASTEHAULERS

The plant received 44 loads of septage during the month totaling 110,000 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 got the newly rebuilt RAS pump that we received from JCI back on the 31st of July, reinstalled and back in service on the 5th of August.
- We had a strange noise in the sludge truck motor on the 14th of August and our normal mechanic, Roemer's was out for a few days, so we called Scheppers and they sent their field mechanic out to check it out. He found the problem and fixed it that day.
- We had a timer relay go bad on #1 Bar Screen on the 31st of August and we found a replacement here at the local CED store and installed it that same day and is working fine now.
- We put the sludge truck in the shop on the 31th of August to have the vacuum ball/cage welded back on in the inside of top lid of the tank. We got it back on the 2nd of September.

SAFETY

- We conducted our monthly routine Safety Meeting on Lockout/Tagout on the 11th of August.

REGULATORY AGENCY, INSPECTION AND REPORTS

- We filled out the EDMR on MDNR website on the 3rd of September.
- We received the results for our 3rd quarter 503 sludge test on the 3rd of August and everything looked good. (see attachment)

MISCELLANEOUS AND RECOMMENDATIONS

- I would like to Thank Nick for helping me with the two project bids. Many Thanks!

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF August 2015

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-Aug	0	0.280	1.864	2.144	13.1	86.9						
2-Aug	0	0.329	1.993	2.322	14.2	85.8						
3-Aug	0	0.217	1.798	2.015	10.8	89.2						
4-Aug	0	0.217	1.617	1.834	11.8	88.2						
5-Aug	1.1	0.247	1.971	2.218	11.1	88.9						
6-Aug	0.25	0.260	1.925	2.185	11.9	88.1						
7-Aug	0	0.246	1.801	2.047	12.0	88.0	228	158	193	214	152	242
8-Aug	0	0.288	1.953	2.241	12.9	87.1						
9-Aug	0	0.328	2.074	2.402	13.7	86.3						
10-Aug	1.7	0.306	1.940	2.246	13.6	86.4						
11-Aug	0	0.273	1.921	2.194	12.4	87.6						
12-Aug	0	0.218	1.512	1.730	12.6	87.4						
13-Aug	0	0.204	1.497	1.701	12.0	88.0						
14-Aug	0	0.213	1.582	1.795	11.9	88.1	210	218	178	158	162	218
15-Aug	0	0.250	1.805	2.055	12.2	87.8						
16-Aug	0	0.296	1.954	2.250	13.2	86.8						
17-Aug	0	0.240	1.726	1.966	12.2	87.8						
18-Aug	0	0.197	1.556	1.753	11.2	88.8						
19-Aug	0.1	0.199	1.459	1.658	12.0	88.0						
20-Aug	0	0.182	1.360	1.542	11.8	88.2						
21-Aug	0	0.188	1.362	1.550	12.1	87.9	183	130	133	154	118	186
22-Aug	0	0.208	1.536	1.744	11.9	88.1						
23-Aug	0.25	0.274	1.673	1.947	14.1	85.9						
24-Aug	0.1	0.225	1.456	1.681	13.4	86.6						
25-Aug	0	0.177	1.307	1.484	11.9	88.1						
26-Aug	0	0.178	1.288	1.466	12.1	87.9						
27-Aug	0	0.198	1.318	1.516	13.1	86.9						
28-Aug	0	0.191	1.416	1.607	11.9	88.1	228	188	193	226	206	240
29-Aug	0	0.233	1.617	1.850	12.6	87.4						
30-Aug	0	0.237	1.757	1.994	11.9	88.1						
31-Aug	0	0.228	1.657	1.885	12.1	87.9						
SUM	3.5	7.327	51.695	59.022								
AVG		0.236	1.668	1.904	12	88	212	174	174	188	160	222
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

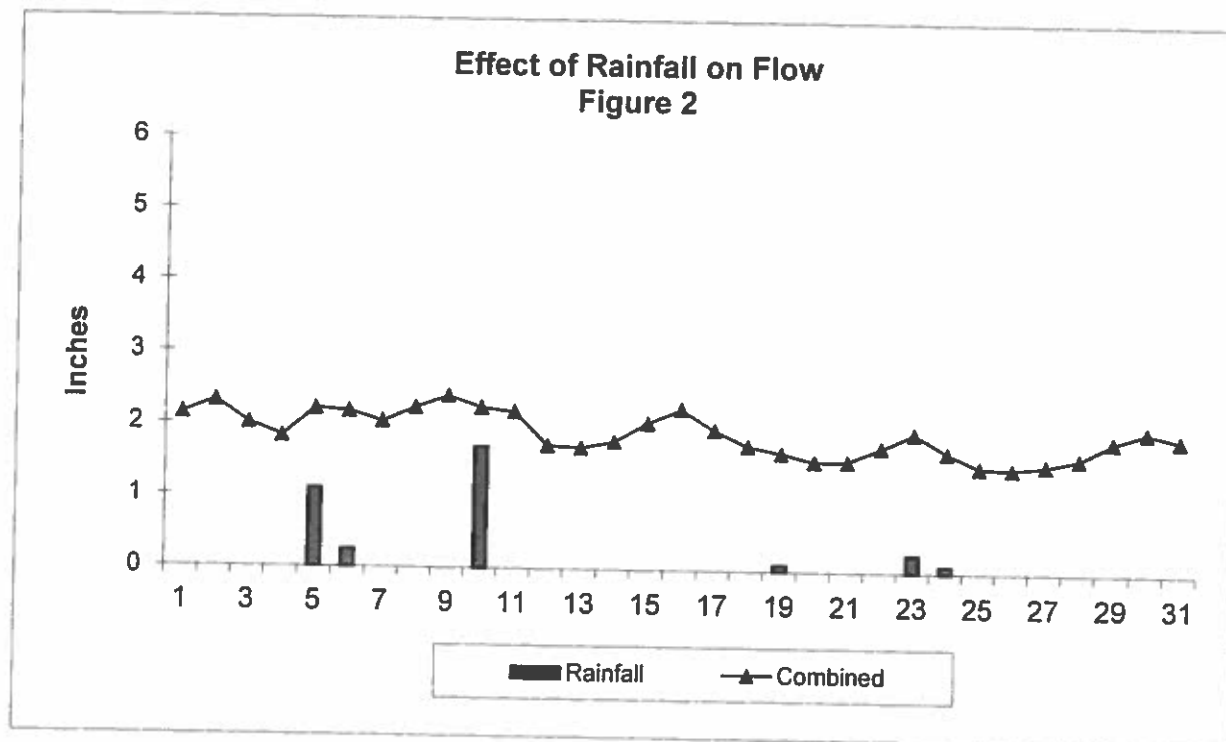
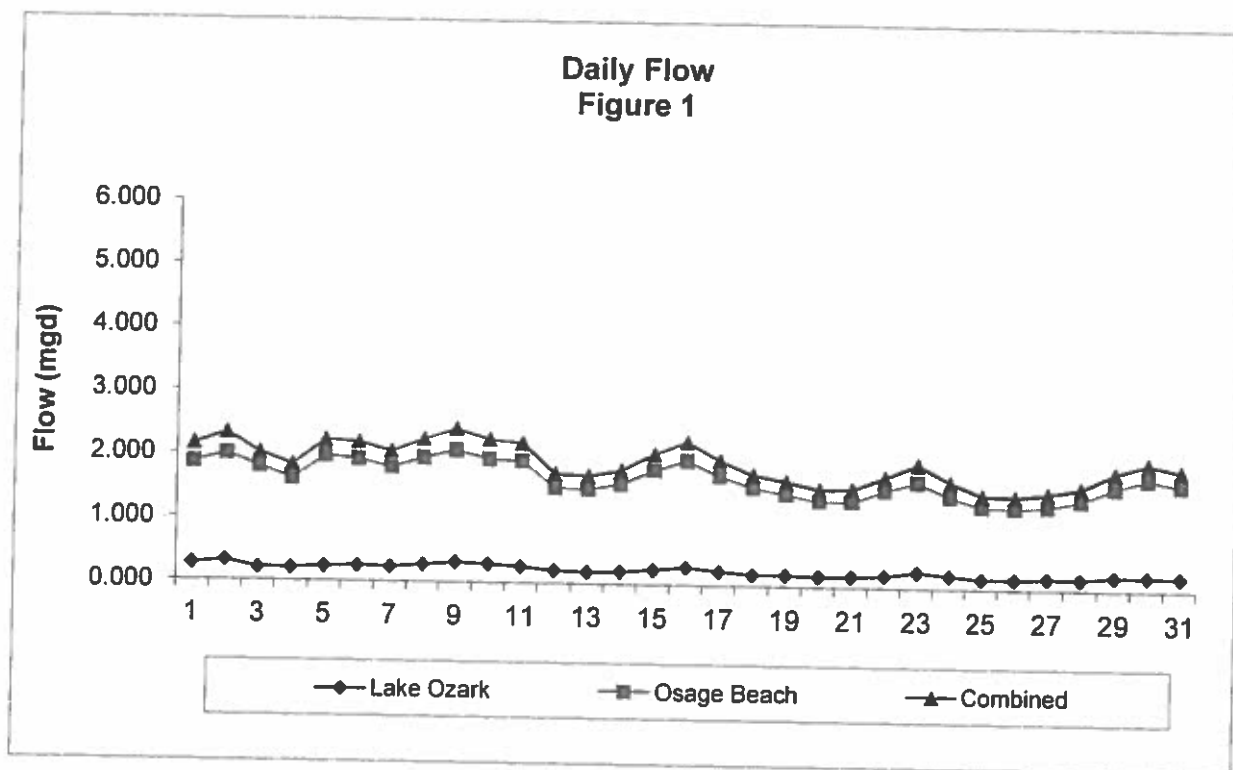


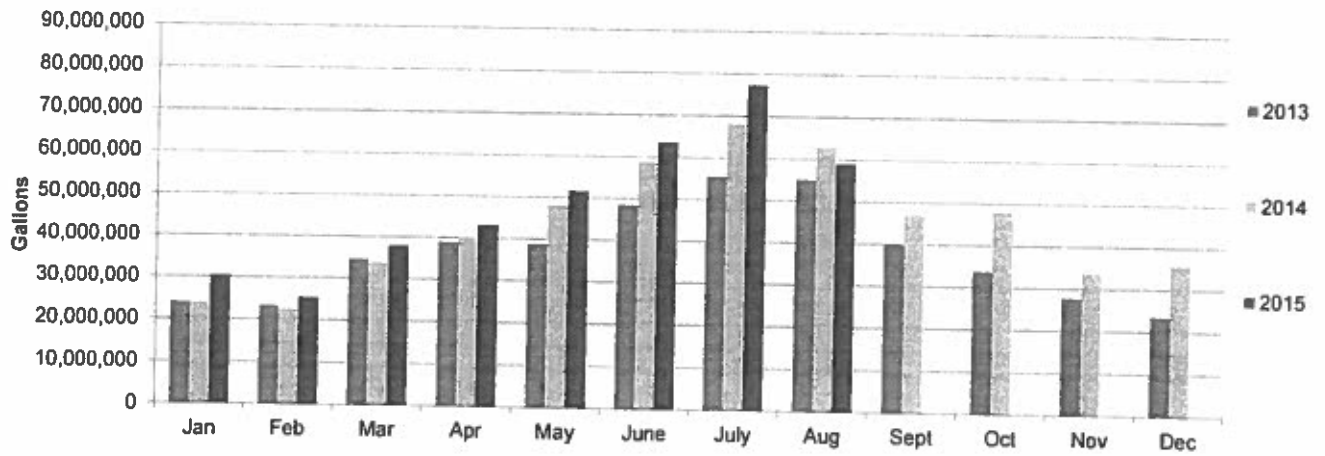
TABLE B
JOINT SEWER BOARD
Monthly Flows

<u>2013</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	2.8	19,923,000	83%	4,104,000	17%	24,027,000	100%
February	4.2	19,290,000	83%	3,979,000	17%	23,269,000	100%
March	5.3	28,232,000	82%	6,308,000	18%	34,540,000	100%
April	8.7	31,410,000	81%	7,507,000	19%	38,917,000	100%
May	2.9	32,247,000	83%	6,560,000	17%	38,807,000	100%
June	4.6	40,205,000	83%	8,185,000	17%	48,390,000	100%
July	2.2	46,803,000	84%	8,794,000	16%	55,597,000	100%
August	15.0	45,742,000	83%	9,351,000	17%	55,093,000	100%
September	2.3	33,128,000	83%	6,869,000	17%	39,997,000	100%
October	3.6	27,722,000	82%	5,996,000	18%	33,718,000	100%
November	2.5	22,915,000	83%	4,775,000	17%	27,690,000	100%
December	2.5	19,507,000	83%	4,038,000	17%	23,545,000	100%
	56.6	367,124,000	83%	76,466,000	17%	443,590,000	100%

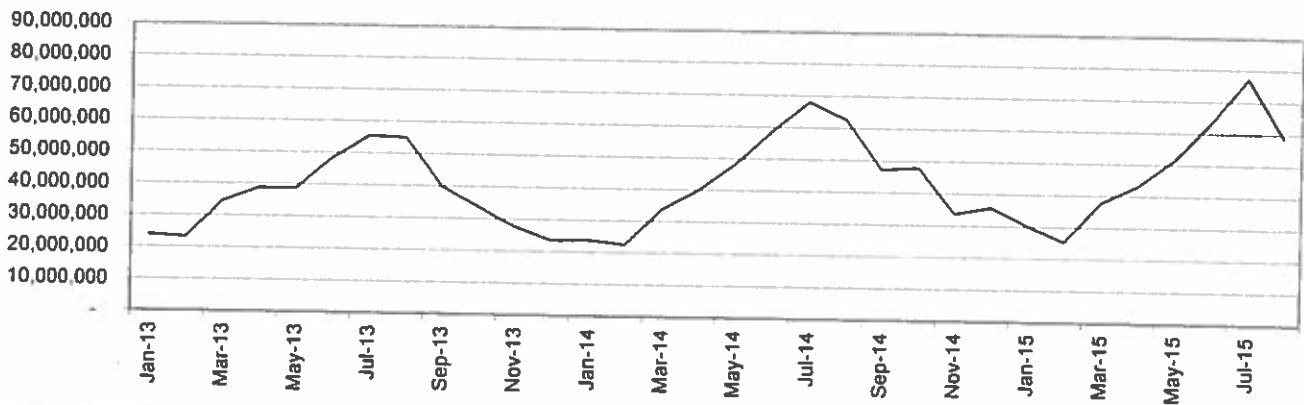
<u>2014</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	3.0	19,229,000	81%	4,634,000	19%	23,863,000	100%
February	1.3	18,444,000	82%	4,114,000	18%	22,558,000	100%
March	1.2	28,731,000	85%	5,061,000	15%	33,792,000	100%
April	5.1	33,479,000	84%	6,515,000	16%	39,994,000	100%
May	4.7	41,054,000	85%	7,129,000	15%	48,183,000	100%
June	5.1	50,416,000	86%	8,342,000	14%	58,758,000	100%
July	3.1	59,089,000	87%	9,059,000	13%	68,148,000	100%
August	2.9	54,624,000	87%	8,228,000	13%	62,852,000	100%
September	3.4	40,316,000	86%	6,735,000	14%	47,051,000	100%
October	7.9	41,322,000	86%	6,659,000	14%	47,981,000	100%
November	1.6	29,315,000	87%	4,506,000	13%	33,821,000	100%
December	2.6	31,534,000	88%	4,204,000	12%	35,738,000	100%
	41.7	447,553,000	85%	75,186,000	15%	522,739,000	100%

<u>2015</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	0.9	26,319,000	87%	4,085,000	13%	30,404,000	100%
February	1.4	21,892,000	86%	3,465,000	14%	25,357,000	100%
March	4.5	32,996,000	87%	4,920,000	13%	37,916,000	100%
April	4.0	37,220,000	86%	5,945,000	14%	43,165,000	100%
May	7.2	44,456,000	86%	7,209,000	14%	51,665,000	100%
June	7.1	54,745,000	86%	8,769,000	14%	63,514,000	100%
July	9.7	66,474,000	86%	10,871,000	14%	77,345,000	100%
August	3.5	51,695,000	88%	7,327,000	12%	59,022,000	100%
September							
October							
November							
December							
	38.3	335,797,000	86%	52,591,000	14%	388,388,000	100%

Monthly Influent Flow
Figure 3A

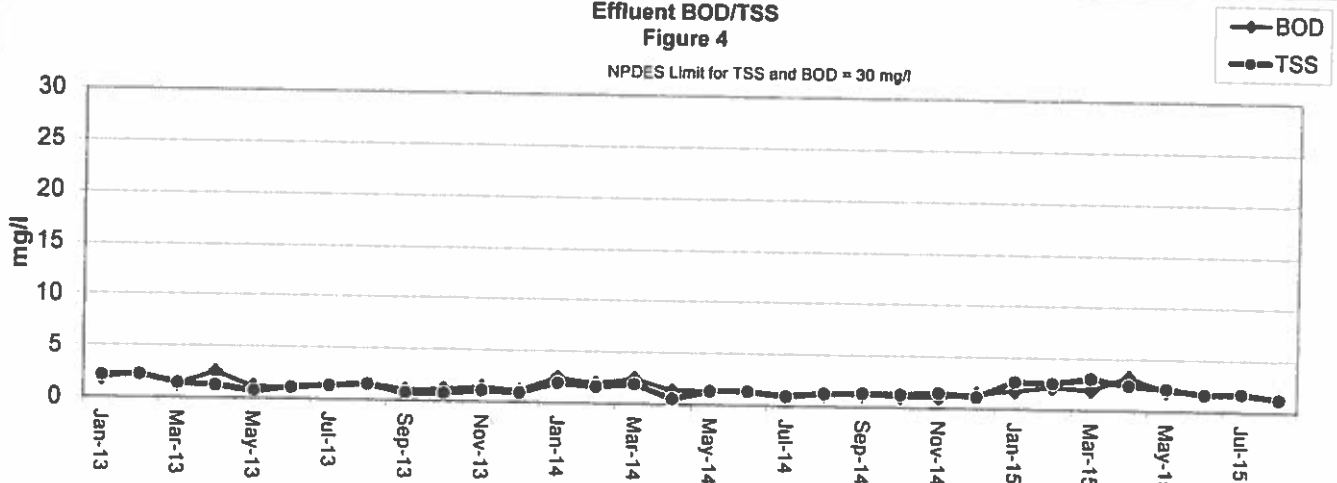


Monthly Influent Flow
Figure 3B

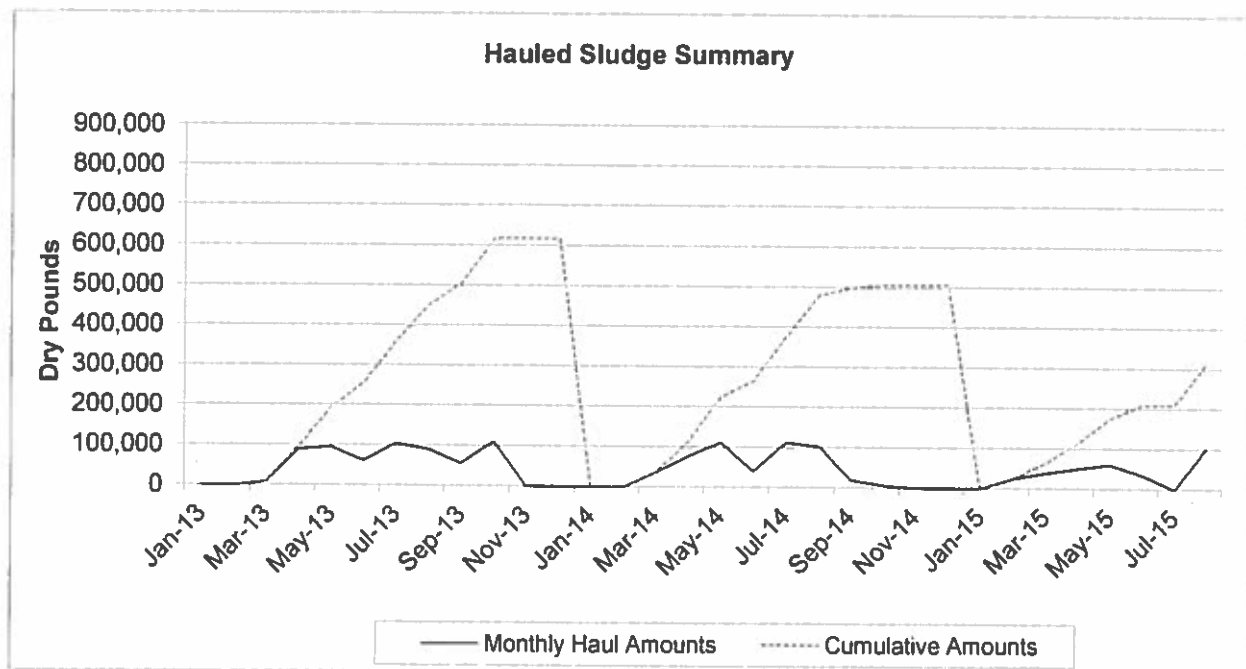
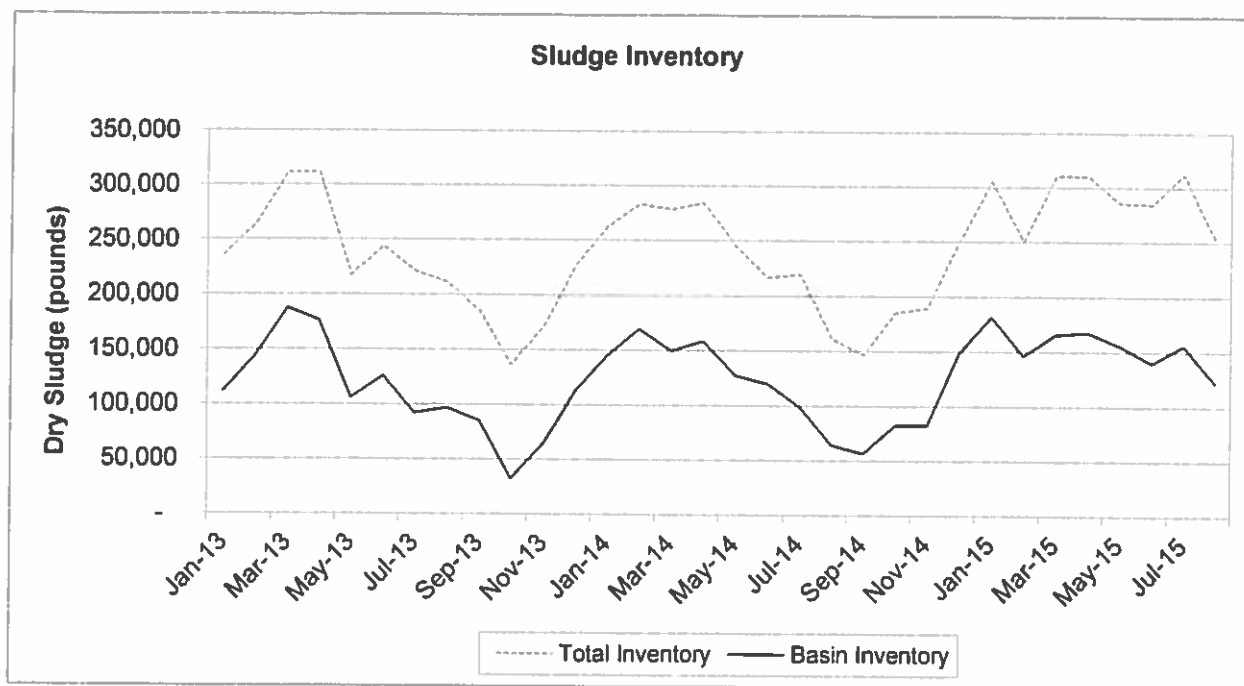


Effluent BOD/TSS
Figure 4

NPDES Limit for TSS and BOD = 30 mg/l



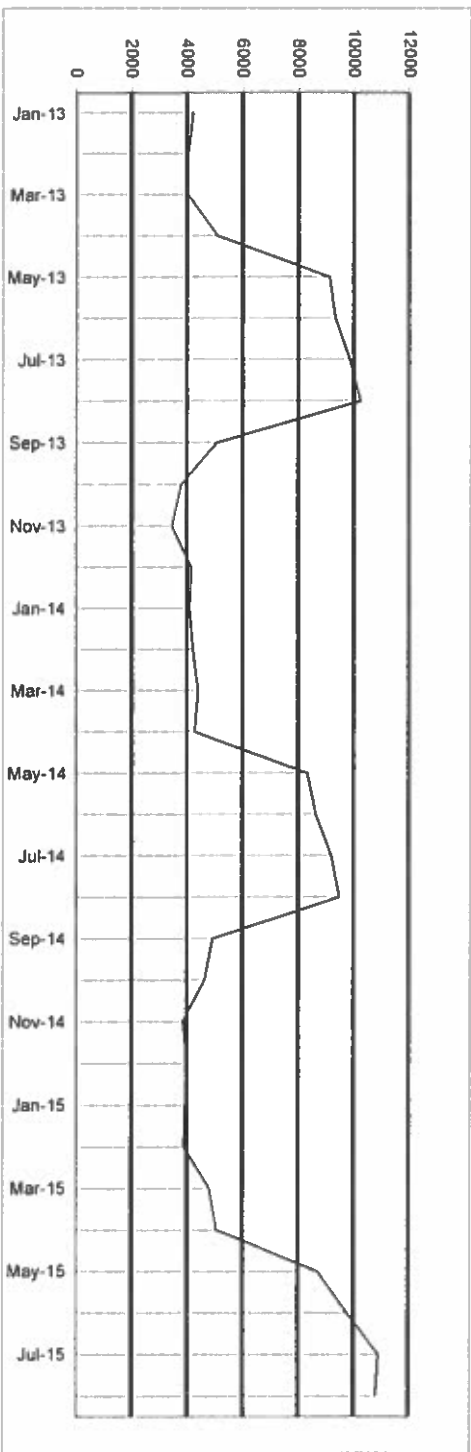
Date	Loads	Gallons	Hauled Sludge			Basin Depths			Blanket Depths			MLSS Inventory			Blanket and MLSS Inventory			Total Dry			Accepted Septage	
			# Dry	% Solids	Annual Cumulative # Dry	Tank #1	Tank #2	AB #1	Basin Gallons	# Dry	Chart #1	Chart #2	Chart #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	Sludge Inventory	Septage	Loads	Gallons
Jan-13	0	-	0	3.5%	-	6.0	2.5	0.0	382,500	111,652	1.5	2.0	0.0	4,120	4,010	3,692,167	124,155	0.00407	235,807	26	65,000	
Feb-13	0	-	0	3.5%	-	6.0	5.0	0.0	493,000	144,491	1.0	2.0	1.0	4,000	3,740	3,696,714	119,314	0.00387	263,805	56	110,000	
Mar-13	8	29,600	8,517	3.5%	8,517	8.0	6.5	0.0	652,500	187,748	2.0	2.0	1.0	4,030	4,050	3,714,476	123,915	0.004	311,663	21	52,500	
Apr-13	74	273,800	89,488	3.9%	98,005	6.0	6.0	0.0	540,000	176,492	2.5	2.0	2.0	4,620	4,130	3,766,785	135,084	0.0043	311,576	24	60,000	
May-13	82	303,400	95,228	3.8%	193,233	3.5	4.0	0.0	337,500	105,931	3.0	5.0	2.0	3,970	3,040	3,828,952	111,767	0.0035	217,698	36	85,500	
Jun-13	54	189,800	62,210	3.7%	255,443	6.0	3.0	0.0	405,000	126,101	1.0	7.0	2.0	3,850	3,540	3,828,952	117,994	0.0037	244,095	47	117,500	
Jul-13	87	358,900	105,164	3.5%	360,607	6.0	1.0	0.0	315,000	92,301	1.5	2.0	1.0	3,950	4,410	3,706,595	129,181	0.00418	221,482	58	137,500	
Aug-13	74	273,800	90,869	4.0%	451,576	6.5	0.0	0.0	292,500	97,182	2.0	2.5	2.0	3,580	3,680	3,766,785	114,036	0.00363	211,218	57	142,500	
Sep-13	48	177,600	56,069	3.8%	507,645	5.0	1.0	0.0	270,000	85,240	2.0	1.5	1.5	3,150	3,300	3,722,309	100,252	0.00323	185,492	39	97,500	
Oct-13	83	307,100	110,472	4.3%	618,117	2.0	0.0	0.0	90,000	32,375	2.0	2.0	2.0	2,950	3,690	3,757,904	103,895	0.00332	136,271	32	80,000	
Nov-13	0	-	0	4.3%	618,117	4.0	0.0	0.0	180,000	64,552	1.0	0.0	1.0	3,220	3,740	3,661,190	106,259	0.00348	170,811	15	37,500	
Dec-13	0	-	0	4.3%	618,117	5.0	2.0	0.0	315,000	112,865	0.0	0.5	1.0	3,600	3,880	3,652,309	113,921	0.00374	226,887	19	47,500	
Jan-14	0	-	0	4.3%	-	4.0	5.0	0.0	405,000	145,241	2.0	2.5	0.0	3,690	3,860	3,678,829	117,392	0.00383	262,633	22	54,500	
Feb-14	0	-	0	4.3%	-	5.0	5.5	0.0	472,500	169,448	1.5	2.5	0.0	3,410	4,030	3,671,048	113,684	0.00372	293,341	6	15,000	
Mar-14	29	107,300	35,703	4.0%	112,879	5.0	5.0	0.0	450,000	149,723	0.5	0.5	0.5	4,270	4,230	3,639,476	129,001	0.00425	278,734	35	90,500	
Apr-14	65	240,500	77,176	3.8%	224,482	7.5	3.5	0.0	495,000	158,845	1.5	1.0	1.5	4,420	3,710	3,709,547	125,761	0.00407	284,606	30	75,000	
May-14	96	355,200	111,813	3.8%	377,239	5.5	3.5	0.0	405,000	127,261	1.0	2.0	2.0	3,550	4,040	3,740,142	118,377	0.0038	245,638	24	60,000	
Jun-14	41	151,700	40,455	3.2%	480,212	4.5	5.5	0.0	450,000	120,005	3.0	2.0	2.0	3,530	2,630	3,775,666	96,986	0.00368	216,991	28	61,000	
Jul-14	117	432,900	112,292	3.1%	592,507	6.5	2.0	0.0	382,500	99,219	5.0	1.0	1.5	4,030	3,610	3,786,595	120,445	0.00382	219,864	44	111,500	
Aug-14	107	395,900	102,973	3.1%	695,480	5.5	0.0	0.0	247,500	64,374	1.0	1.0	1.0	3,690	2,640	3,678,952	97,110	0.00317	161,484	55	129,000	
Sep-14	17	62,900	19,811	3.8%	758,391	2.5	1.5	0.0	180,000	56,693	0.0	1.5	1.0	2,990	3,210	3,670,071	89,989	0.00294	146,882	37	92,500	
Oct-14	5	18,500	6,789	4.4%	765,180	4.0	1.0	0.0	225,000	82,569	0.0	1.5	2.0	2,990	3,620	3,713,499	102,358	0.00331	184,927	33	79,500	
Nov-14	0	-	0	4.4%	765,180	4.0	1.0	0.0	225,000	82,569	0.0	2.0	1.0	3,630	3,330	3,678,952	106,775	0.00348	189,341	20	50,000	
Dec-14	0	-	0	4.4%	765,180	5.0	4.0	0.0	405,000	148,619	0.0	2.0	2.0	3,480	3,060	3,722,380	101,516	0.00327	250,135	18	40,000	
Jan-15	0	-	0	4.4%	-	5.5	5.5	0.0	495,000	181,645	1.0	2.0	0.0	3,900	3,280	3,671,048	123,385	0.00344	250,516	22	52,500	
Feb-15	20	74,000	24,069	3.9%	24,069	6.0	4.0	0.0	540,000	165,704	1.0	2.0	2.0	5,040	4,250	3,740,142	144,880	0.00465	310,595	11	27,500	
Mar-15	34	125,800	38,603	3.7%	62,672	5.5	6.5	0.0	540,000	167,861	2.5	2.0	1.0	5,180	4,000	3,723,357	142,532	0.00459	310,383	23	57,500	
Apr-15	44	162,800	50,607	3.7%	113,279	6.0	6.0	0.0	517,500	155,845	1.5	2.0	4.0	4,030	4,110	3,833,879	130,204	0.00407	286,049	26	65,000	
May-15	55	203,500	61,284	3.6%	209,587	5.5	6.0	0.0	517,500	139,981	2.0	1.0	3.0	4,630	4,550	3,783,570	144,837	0.00459	284,788	37	92,500	
Jun-15	35	129,500	35,024	3.2%	209,587	6.5	6.5	0.0	565,000	156,125	1.0	2.0	1.0	5,470	4,660	3,698,714	156,157	0.00507	312,282	42	104,000	
Jul-15	0	-	0	3.2%	209,587	6.5	4.0	0.0	472,500	122,180	0.5	1.0	0.5	4,170	4,400	3,648,357	130,381	0.00429	252,541	44	110,000	



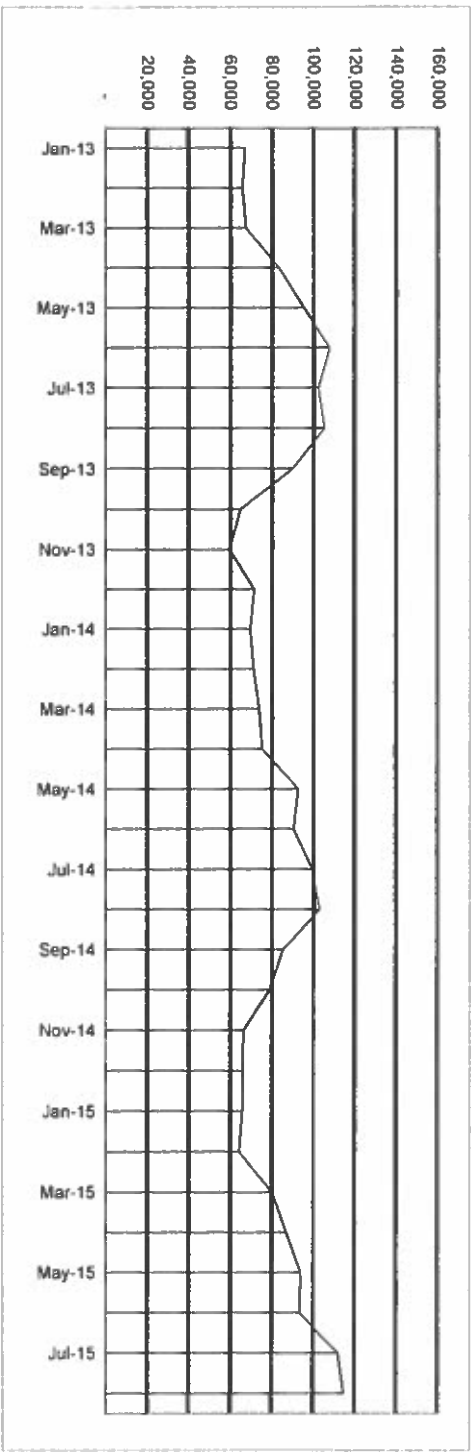
Electric Cost Kilowatts Used

Jan-13	4240	66,990
Feb-13	4069	65,810
Mar-13	4056	67,500
Apr-13	5132	83,390
May-13	9135	95,360
Jun-13	9331	107,780
Jul-13	9861	102,490
Aug-13	10255	105,350
Sep-13	5108	89,830
Oct-13	3806	64,870
Nov-13	3459	59,610
Dec-13	4171	71,660
Jan-14	4116	69,690
Feb-14	4226	71,330
Mar-14	4427	73,840
Apr-14	4297	75,240
May-14	8325	92,580
Jun-14	8643	90,400
Jul-14	9200	99,540
Aug-14	9483	103,070
Sep-14	4953	85,380
Oct-14	4663	78,920
Nov-14	3864	66,400
Dec-14	4009	66,040
Jan-15	3947	65,860
Feb-15	3901	64,300
Mar-15	4821	80,190
Apr-15	5084	87,050
May-15	8707	93,810
Jun-15	9772	93,490
Jul-15	10912	112,040
Aug-15	10807	114,770

Electric Cost



Kilowatts Used





MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
 Discharge Monitoring Report For Municipal Wastewater Treatment Plants

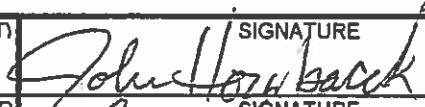
NAME OF FACILITY						LOCATION ADDRESS & CITY								COUNTY/REGION	
Lake of the Ozarks Regional WWTP #1						#3 Anderson Road								Miller/SWRO	
MONTH/YEAR		PERMIT NUMBER				OUTFALL NUMBER		TYPE TREATMENT FACILITY							
Aug-15		MO-0103241				#001		Oxidation Ditch/UV/Sludge Holding-sludge is land applied							
INFLUENT						EFFLUENT								% Removal	
DATE	pH UNITS	BOD mg/L	TSS mg/L	TEMP °C	FLOW MGD	pH UNITS	BOD mg/L	TSS mg/L	Ammonia as N mg/l	DO mg/L	E. coli COLFRM #/100 ML	TEMP °C	BOD mg/L	TSS mg/L	
1	7.3			24.6	2.279	7.9				4.5		25.6			
2	7.3			25.0	2.467	8.0				4.7		25.6			
3	7.3			25.5	2.237	8.0				4.5	< 20	26.1			
4	7.3			24.7	2.003	8.0				4.5		25.8			
5	7.4			24.8	2.413	8.0				4.1		25.4			
6	7.4			24.1	2.459	8.0			0.04	4.8		25.2			
7	7.3	193	242	24.9	2.274	7.9	1.3	1.2		5.0		25.6	99.3	99.5	
8	7.4			24.6	2.400	8.0				4.7		25.7			
9	7.3			25.0	2.657	7.9				4.7		25.9			
10	7.3			24.5	2.514	7.9				3.8	< 20	25.6			
11	7.3			24.8	2.487	7.9				4.2		26.0			
12	7.3			24.0	1.938	8.0				4.5		25.3			
13	7.4			24.0	2.013	8.0			0.09	4.4		24.8			
14	7.4	178	218	24.9	2.069	7.9	1.2	1.2		4.8		24.9	99.3	99.4	
15	7.3			24.3	2.157	7.9				4.9		25.1			
16	7.3			24.9	2.418	7.9				4.6		25.3			
17	7.4			24.3	2.065	8.0				4.8	< 20	25.4			
18	7.3			25.0	1.876	8.0				4.9		25.5			
19	7.3			24.0	1.686	8.0				4.9		24.5			
20	7.4			23.5	1.739	8.0			0.11	5.3		23.8			
21	7.3	133	186	24.0	1.685	7.9	1.7	1.6		4.7		23.6	98.7	99.1	
22	7.4			23.8	1.761	7.9				5.2		23.6			
23	7.4			23.7	2.079	7.9				5.4		23.1			
24	7.3			22.6	1.793	7.9				5.1	< 20	23.2			
25	7.4			22.5	1.625	7.9				5.3		22.8			
26	7.3			22.9	1.489	7.9				5.2		22.7			
27	7.2			23.8	1.681	7.7			0.09	5.3		23.1			
28	7.4	193	240	22.2	1.776	7.9	1.4	1.0		5.0		22.0	99.3	99.6	
29	7.3			23.3	1.897	7.8				4.9		23.0			
30	7.3			23.8	2.107	7.8				4.5		23.6			
31	7.4			23.9	1.992	7.9				4.7	< 20	24.2			
Total					64.036										
Avg		174	222	24.1	2.066		1.4	1.3	0.08	4.8	< 20	24.6	99.2	99.4	
Min	7.2	133	186	22.2	1.489	7.7	1.2	1.0	0.04	3.8	< 20	22.0	98.7	99.1	
Max	7.4	193	242	25.5	2.657	8.0	1.7	1.6	0.11	5.4	< 20	26.1	99.3	99.6	

MONTHLY EFFLUENT MONITORING		QUARTERLY EFFLUENT MONITORING	
DATE	Oil & Grease mg/L	Selenium µg/L	Zinc µg/L
1			
2			
3			
4			
5			
6			
7			
8			
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			
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				*Outside 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		1.0	5,290	700	25.2	1.0	4,910	680	25.3	69	0	7:30
2		1.3	5,130	610	25.5	1.0	5,890	780	25.3	70	0	7:30
3		0.8	7,210	850	26.5	1.2	3,490	380	25.8	72	0	7:30
4	5,925	1.0	6,110	800	25.4	1.0	5,170	750	25.5	73	0	7:30
5		1.3	4,780	650	25	1.2	5,320	770	25.2	70	1.1	7:30
6	7,900	1.3	5,440	700	25	1.0	5,720	790	24.8	71	0.25	7:30
7	6,912	1.5	4,540	540	25.4	1.0	5,820	790	25.3	72	0	7:30
8	8,332	1.3	5,820	740	25.4	1.3	5,250	690	25.3	74	0	7:30
9	6,480	1.0	6,050	790	25.6	1.0	4,440	540	25.5	73	0	7:30
10		0.9	5,930	780	25.3	1.1	4,140	590	25.3	73	1.7	7:30
11		1.2	4,980	680	26.3	1.1	5,470	790	25.7	71	0	7:30
12	4,073	1.0	5,400	740	25	1.1	5,400	790	24.7	65	0	7:30
13	6,110	1.0	5,620	740	24.5	1.1	5,940	740	24.3	68	0	7:30
14	2,499	1.3	5,900	760	24.5	1.2	5,800	790	24.5	67	0	7:30
15		1.2	5,650	730	24.8	1.2	5,000	710	24.7	69	0	7:30
16		1.2	5,820	800	25.2	1.2	4,360	620	24.8	69	0	7:30
17		1.2	5,650	700	25.3	1.2	5,140	650	25	70	0	7:30
18	9,257	1.0	5,520	720	25.6	0.9	5,060	680	25.2	70	0	7:30
19		0.9	5,300	700	23.8	1.2	4,710	580	24	66	0.1	7:30
20	4,629	0.8	6,090	780	23.5	1.9	4,300	560	23.2	62	0	7:30
21	5,554	0.9	4,730	590	23.4	1.0	5,510	750	23.2	62	0	7:30
22	9,257	1.0	4,210	650	23.3	1.1	5,010	660	23.3	68	0	7:30
23		1.2	5,770	750	23.4	1.5	3,960	480	23.5	70	0.25	7:30
24	4,783	1.2	5,400	700	22.7	1.2	4,930	630	22.7	66	0.1	7:30
25	5,740	0.9	5,450	690	22.2	1.3	5,210	700	22.3	59	0	7:30
26	5,740	1.8	5,470	670	22.2	1.1	4,800	670	22.2	57	0	7:30
27	6,110	1.2	5,110	650	23	1.1	5,090	660	23.1	60	0	7:30
28	3,055	2.7	4,380	700	21.7	2.4	4,640	710	21.8	62	0	7:30
29		2.0	4,670	550	22.9	1.1	6,040	700	22.9	68	0	7:30
30		1.0	3,910	610	23.4	1.0	4,820	610	23.5	68	0	7:30
31		1.0	4,170	540	24.4	1.0	4,400	630	24.4	70	0	7:30

COMMENTS:

TESTS PERFORMED BY (PRINT)	SIGNATURE	PHONE #	DATE
John Hornback		(573)365-0455	9/3/2015
REPORT APPROVED BY (PRINT)	SIGNATURE	PHONE #	DATE
Gary Hutchcraft		(573)365-0455	9/3/2015

*Required Daily (Monday - Friday)

**Required 1/week

State of Missouri
Department of Natural Resources
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Dep. of Natural Resources
(REGIONAL OFFICE)
Southwest Regional Office
2040 W. Woodland
Springfield, MO 65807-5912
4178914300
4178914399 (fax)

PERMITTEE NAME/ADDRESS

NAME: Lake of the Ozarks Regional WWTP #1
ADDRESS: #3 Anderson Road
LAKE OZARK, MO 65049

MO0103241 001 A
PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD

YEAR MO DAY YEAR MO DAY
2015 08 01 2015 08 31

FROM

TO

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS
BEFORE COMPLETING THIS FORM

Parameter		MASS	Unit	CONCENTRATION	Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
BOD, 5-day, 20 deg. C (00310)	REPORTED	*****		1.7	1.4	*****	Weekly	Grab
Stage Type: End of Pipe	REQUIREMENT	*****		Weekly Average: 45	Monthly Average: 30	*****	Weekly	24 Hour Composite
E. coli, colony forming units (CFU) (51041)	REPORTED	*****		*****	<20	<20	Weekly	Grab
Stage Type: End of Pipe	REQUIREMENT	*****		*****	Weekly Average: 630	Monthly Average: 126	Weekly	Grab
Flow, in conduit or thru treatment plant (50050)	REPORTED	2.657	2.066	*****	*****	*****	Daily	Record
Stage Type: End of Pipe	REQUIREMENT	Daily Maximum: Monitoring Required	Monthly Average: Monitoring Required	*****	*****	*****	Daily	Record
Nitrogen, ammonia total (as N) (00610)	REPORTED	*****		0.11	0.08	*****	Weekly	Grab
Stage Type: End of Pipe	REQUIREMENT	*****		Daily Maximum: 5.6	Monthly Average: 1.2	*****	Weekly	Grab
Oil and grease (soxhlet extr.) tot. (00550)	REPORTED	*****		<5.0	<5.0	*****	Monthly	Grab
Stage Type: End of Pipe	REQUIREMENT	*****		Daily Maximum: 15	Monthly Average: 10	*****	Monthly	Grab
pH (00400)	REPORTED	*****		7.7	8.0	*****	Weekly	Grab
Stage Type: End of Pipe	REQUIREMENT	*****		Minimum: 6	Maximum: 9	*****	Weekly	Grab
Temperature, water deg. centigrade (00010)	REPORTED	*****		26.1	24.6	*****	Weekly	Grab
Stage Type: End of Pipe	REQUIREMENT	*****		Daily Maximum: Monitoring Required	Monthly Average: Monitoring Required	*****	Weekly	Grab

GENERAL PERMIT REQUIREMENTS OR COMMENTS
OUTFALL-SPECIFIC COMMENTS
PARAMETER-SPECIFIC COMMENTS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

OPERATOR IN RESPONSIBLE CHARGE

Gary Hutchcraft	7305
TYPED OR PRINTED NAME	CERTIFICATE NUMBER
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE
Gary F Hutchcraft	573-365-0455
TYPED OR PRINTED NAME	SIGNATURE
	2015-09-03 09:28:07
	Date

Page 1

State of Missouri
Department of Natural Resources
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Dep. of Natural Resources
(REGIONAL OFFICE)
Southwest Regional Office
2040 W. Woodland
Springfield, MO 65807-5912
4178914300
4178914399 (fax)

PERMITTEE NAME/ADDRESS

NAME: Lake of the Ozarks Regional WWTP #1
ADDRESS: #3 Anderson Road
LAKE OZARK, MO 65049

MO0103241 001 A
PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD

YEAR MO DAY YEAR MO DAY
2015 08 01 2015 08 31

FROM

TO

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS
BEFORE COMPLETING THIS FORM

Parameter		MASS	Unit	CONCENTRATION	Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
Total Suspended Solids (TSS) (00530)	REPORTED	*****		1.6	1.3	*****	Weekly	24 Hour Composite
Stage Type: End of Pipe	REQUIREMENT	*****		Weekly Average: 45	Monthly Average: 30	*****	Weekly	24 Hour Composite

GENERAL PERMIT REQUIREMENTS OR COMMENTS
OUTFALL-SPECIFIC COMMENTS
PARAMETER-SPECIFIC COMMENTS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

OPERATOR IN RESPONSIBLE CHARGE

Gary Hutchcraft	7305
TYPED OR PRINTED NAME	CERTIFICATE NUMBER
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE
Gary F Hutchcraft	573-365-0455
TYPED OR PRINTED NAME	SIGNATURE
	2015-09-03 09:28:07
	Date

Page 2

Use following abbreviations: K+ion, Sodium; (b)onnet, C-clear, PC-part) clearly

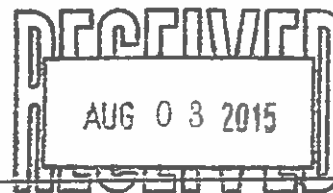
Environmental Analysis South, Inc

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

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

Report Number: 131876

Report of Analysis



Reference:

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

Log Number: 1816809 Sample Description: Quarterly Sludge Sample Date: 7/1/2015 Sample Received Date: 7/2/2015

Coli S

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Fecal Coliform in Sludge	13800	CFU/g	SM-9222 D-97		07/02/15	133
Total Solids Average	3.25	% w/w	SM-2540 G-97		07/02/15	133

Nutrients

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Phosphorus	25200	mg/Kg	SM-20 4500-P E-99		07/06/15	133

PAN Group

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Ammonia Nitrogen, Distilled	28,200	mg/Kg	Lachat-10-107-06-1-K		07/20/15	102
Kjeldahl Nitrogen	33,700	mg/Kg	Lachat-10-107-06-2-K		07/20/15	102
Nitrate as Nitrogen	133	mg/Kg	EPA-300.0 Rev. 2		07/06/15	133
Nitrite as Nitrogen	< 63	mg/Kg	EPA-300.0 Rev. 2		07/06/15	133
Organic Nitrogen	5,550	mg/Kg	Lachat-10-107-06-2-K		07/20/15	102
PAN - Subsurface Application	29443	ppm	Calculation		07/23/15	127
PAN - Surface Application	20983	ppm	Calculation		07/23/15	127

Preparation Methods

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Anions IC Sample Preparation	1	Prep	SM-4110B-00		07/02/15	133
Metals ICP Sample Digestion	1	Prep	EPA-200.7 Rev. 4.4	PDC	07/13/15	
Total Metals Flame-AA Digestion	1	Prep	EPA-200.2		07/06/15	133

Environmental Analysis South, Inc

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

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

Report Number: 131876

Report of Analysis

Log Number: 1816809 Sample Description: Quarterly Sludge Sample Date: 7/1/2015 Sample Received Date: 7/2/2015

Solids

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Total Solids	3.15	% w/w	SM-2540 G-97		07/02/15	133

Total (Total Recoverable) Trace Metals

Test Description	Result	Units	Method	Comment Code	Analysis Date	Analyst
Arsenic by ICP	< 3.0	mg/Kg	EPA-200.7 Rev. 4.4	PDC	07/13/15	
Cadmium	5.9	mg/Kg	SM-3111 B-99	PDC	07/13/15	
Chromium	65	mg/Kg	SM-3111 B-99	PDC	07/13/15	
Copper	600	mg/Kg	SM-3111 B-99	PDC	07/13/15	
Lead by ICP	25	mg/Kg	EPA-200.7 Rev. 4.4	PDC	07/13/15	
Mercury by Cold-Vapor Technique	< 0.10	mg/Kg	SM-3112 B-99		07/09/15	133
Molybdenum by ICP	8.7	mg/Kg	EPA-200.7 Rev. 4.4	PDC	07/13/15	
Nickel	25	mg/Kg	SM-3111 B-99	PDC	07/13/15	
Potassium	2800	mg/Kg	SM-3111 B-99	PDC	07/13/15	
Selenium by ICP	< 2.0	mg/Kg	EPA-200.7 Rev. 4.4	PDC	07/13/15	
Zinc	1000	mg/Kg	SM-3111 B-99	PDC	07/13/15	

Respectfully submitted,



David F. Warren

Comments:

PDC This parameter or group of analytes was analyzed by the subcontracting lab - PDC Lab
Saint Louis, MO

FECAL COLIFORM IN SLUDGE

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

Log # 1816809

Date: 7/2/2015

Analyst: 133

Total Solid calculation

Sample	Sample Size	Tare Weight	Tare Wt. + Res.	Residue Wt.	Final Result
Replicate	(grams)	(grams)	(grams)	(grams)	(%w/w)
A	33.0372	1.9894	3.0457	1.0563	3.20
B	27.2272	1.9579	2.8312	0.8733	3.21
C	29.2398	1.9844	2.9577	0.9733	3.33
D	25.9583	1.9151	2.7520	0.8369	3.22
E	24.0037	1.9232	2.6962	0.7730	3.22
F	27.9735	1.9324	2.8514	0.9190	3.29
G	31.1075	1.9090	2.9192	1.0102	3.25
				Average Total Solid	3.25

Colony Counts

Date:

Analyst:

Sample	Wt. Of Sample	Sample Size	Colony Count	Final Count
Replicate	(grams)	(mls - 0.1, 1.0, 10)	used	#/gram (dry)
A	0.3091	1	1	10,100
B	0.3058	1	3	30,600
C	0.2962	1	1	10,100
D	0.2925	1	1	10,600
E	0.3044	1	1	10,200
F	0.3362	1	3	27,100
G	0.3026	1	1	10,200
Geometric Average				13,800

Approved by: _____



Environmental Analysis South, Inc.
Clarification Coagulant Sludges
Sludge Analysis

7/23/2015

Submitted by: Alliance Lake Ozark					
Log Number: 1816809					
pH					
Coliform					
Parameter	Wet %	Wet ppm	Dry %	Dry ppm	lbs/dry Tons
Moisture			96.85		
Solids			3.15		
Volatile Solids					
Ash					
Nitrogen (TKN)	0.106%	1063.125	3.375%	33750.000	67.500
Nitrate N	0.000%	4.190	0.013%	133.000	0.266
Nitrite N	0.000%	0.000	0.000%	ND	0.000
Ammonia N	0.089%	888.300	2.820%	28200.000	56.400
Organic N	0.017%	174.825	0.555%	5550.000	11.100
PAN Surface Application	0.066%	660.965	2.098%	20983.000	41.966
PAN Subsurface Application	0.093%	927.455	2.944%	29443.000	58.886
Potassium (as K)	0.009%	88.200	0.280%	2800.000	5.600
Phosphorus (as P)	0.079%	793.800	2.520%	25200.000	50.400
Arsenic (as As)	ND	ND	ND	ND	ND
Cadmium (as Cd)	0.000%	0.186	0.001%	5.900	0.012
Chromium (as Cr)	0.000%	2.048	0.007%	65.000	0.130
Copper (as Cu)	0.002%	18.900	0.060%	600.000	1.200
Molybdenum (as Mo)	0.000%	0.274	0.001%	8.700	0.017
Nickel (as Ni)	0.000%	0.788	0.003%	25.000	0.050
Lead (as Pb)	0.000%	0.788	0.003%	25.000	0.050
Selenium (as Se)	ND	ND	ND	ND	ND
Zinc (as Zn)	0.003%	31.500	0.100%	1000.000	2.000
Mercury (as Hg)	ND	ND	ND	ND	ND
code ND = none detected					
code NT = not tested					



Bids for Repair of 1 - Smith & Loveless Pista Grit Pump

Bidder	Budget	Total Bid	Equipment
Vandevanter Engineering	4020/Maintenance	No Bid Received	Smith & Loveless Pista Grit Pump
			Model # 4B2C Serial # 8601620-1
JCI Industries	"	\$1,950.00	Smith & Loveless Pista Grit Pump
		picked up and delivered	Model # 4B2C Serial # 8601620-1
Evans Enterprises	"	\$1,938.01	Smith & Loveless Pista Grit Pump
		picked up and delivered	Model # 4B2C Serial # 8601620-1

Bids for Purchase of 1 - HACH HQ40d DO Meter & Probe

Bidder	Budgeted Amount	Total Bid	Equipment
Environmental Express	\$2,100.00	\$3,270.00	HACH HQ 40d DO Meter & Rugged LDO Probe
		freight included	
HACH Company	"	\$1,700.79	HACH HQ 40d DO Meter & Rugged LDO Probe
		freight included	
USA Bluebook	"	\$1,648.62	HACH HQ 40d DO Meter & Rugged LDO Probe
		freight included	

