

**OSAGE BEACH/LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
AUGUST 20, 2013
4:00 p.m.
LAKE OZARK CITY HALL**

1. CALL TO ORDER

2. ROLL CALL

Penny Lyons, Mayor, Osage Beach
Johnnie Franzekos, Mayor, Lake Ozark
Nancy Viselli, City Administrator, Osage Beach
Dave Van Dee, City Administrator, Lake Ozark
Don Langley, Alderman, Lake Ozark
John Olivarri, Alderman, Osage Beach
Nick Edelman, Public Works Interim Director, Osage Beach
Matt Michalik, Public Works Director, Lake Ozark
Gary Hamner

3. MINUTES

Page Numbers

Regular Meeting; July 16, 2013 3-4

4. REPORTS

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Balance Sheet	30
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July 2013 Alliance and Flow Report	37-60

5. OLD BUSINESS

Correspondence with Land Reclamation Commission

6. NEW BUSINESS

Review of 2012 Audit
Alliance Supplemental Agreement – Contract extension to 12/31/18
Discussion regarding Rocky Mount Sewer District

7. DISCUSSION

Discuss date for September meeting

8. ADJOURNMENT

THE NEXT MEETING WILL BE SEPTEMBER 17, 2013, 4:00 PM @ LAKE OZARK CITY HALL

**LAKE OZARK - OSAGE BEACH
JOINT SEWER BOARD
Meeting Minutes – July 16, 2013**

Call to Order:

Mayor Penny Lyons called the meeting to order at 4:00 p.m. at Lake Ozark City Hall.

Roll Call:

Present: Mayor Penny Lyons
Mayor John Franzekos
City Administrator Nancy Viselli
City Administrator, Dave Van Dee
Osage Beach Alderman John Olivarri
Lake Ozark Alderman, Don Langley
Osage Beach Public Works Interim Director, Nick Edelman
Lake Ozark Public Works Director, Matt Michalik

Absent: Gary Hamner

Others Present: Gary Hutchcraft, Plant Manager
Gary Johnson, Alliance Water Resources
Karri Bell, Osage Beach Treasurer

MINUTES OF PAST MEETING:

Mayor Penny Lyons noted a correction to the minutes that the spelling of Maur is spelled Mauer. With that correction, City Administrator Nancy Viselli motioned to approve the minutes second by Mayor John Franzekos, all voted and unanimously approved.

PUBLIC COMMENT: None to report

BILLS LIST: Members reviewed. Mayor John Franzekos motioned to approve the bills list, second by Osage Beach Aldermen John Olivarri.

REPORTS:

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

ALLIANCE REPORT & FLOW CHARTS:

Gary Hutchcraft went over the June 2013 summary report of operations, a copy of which was included in the meeting packet. Gary passed out renewal copies for review of the Supplemental Agreement between the Joint Sewer Board of Lake Ozark and Osage Beach and Alliance Water Resources which provides operation and maintenance service for the Wastewater Treatment Plant owned by the Board. The contract is for existing terms. Alderman Don Langley motioned to approve the June 2013 Alliance Report and Flow Chart; second by City Administrator Dave Van Dee. All voted and unanimously approved.

OLD BUSINESS:

Magruder Litigation. Mayor Penny Lyons received a letter from attorney Steve Mauer regarding the decision from Commissioner Winn. The Commissioner recommended that Magruder's application for permit expansion be granted, subject to conditions as outlined on page 51. Mayor Penny Lyons is not happy with the recommendation from the Commissioner. She asked of everyone to read it, make your own notes with suggestions and either e-mail her, Dave Van Dee or the attorney Steve Mauer as soon as possible. We may need to have another conference call meeting with attorney Steve Mauer.

NEW BUSINESS: None to report

OPEN DISCUSSION: Nick Edelman wanted to thank Matt Michalik and Lake Ozark Public Works for their help with the sewer treatment plant.

ADJOURNMENT:

With nothing further to discuss, the meeting was adjourned at 4:30 pm. The next regularly scheduled meeting is Tuesday, August 20, 2013, 4:00 pm. at Lake Ozark City Hall.

Penny Lyons
Mayor, Osage Beach

Mardonna Phillips
Joint Sewer Clerk, Lake Ozark

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JOINT SEWER BOARD

BILL LIST

August 20, 2013

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$ 19,192.10
OPERATING FUND BILLS TO BE PAID:	\$ 42,188.21
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$ -
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$ -
TOTAL	\$ 61,380.31

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:

Account	Check	Paid To:	Description:	Amount:
4185	3314	Ameren UE	June 2013 Utility Bill	\$ 9,330.76
4185	3315	Ameren UE	July 2013 Utility Bill	\$ 9,861.34
TOTAL				\$ 19,192.10

OPERATING FUND BILLS TO BE PAID:

Account	Check	Paid To:	Description:	Amount:
4170	3316	Alliance Water Resources, Inc.	August 2013 Management Fee	\$ 23,450.82
4000	3317	Equipment Replacement Fund	New Basin -Loan Payment	\$ 2,330.12
4170	3317	Equipment Replacement Fund	Payment into ER Fund	\$ 3,467.17
4020	3318	Alliance Water Resources, Inc.	Misc Repair/Main	\$ 115.49
4150	3319	Roemers	Vehicle Main	\$ 1,074.61
4220	3320	Zerger & Mauer	Magruder Lawsuit Partial Payment	\$ 10,000.00
4200	3321	Gerding, Korte, & Chitwood	2013 Audit	\$ 1,750.00

\$ 42,188.21

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

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

EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

Account	Check	Paid To:	Description:	Amount:
				-



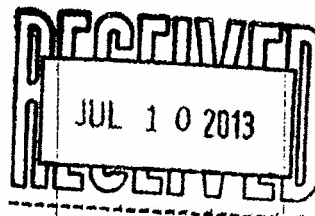
Please Return This Portion With Your Payment.

AMOUNT DUE	DUE DATE
\$9,069.42	Jul 22, 2013
AMOUNT PAYABLE AFTER JUL 31, 2013	ACCOUNT NUMBER
\$9,205.46	45800-05832

Amount Enclosed \$ _____

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

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



60600000 0045800058302 000009069420 000009069420

Keep This Portion For Your Records

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

BILL DATE	Jul 10, 2013
-----------	--------------

TOTAL AMOUNT DUE BY	Jul 22, 2013	\$9,069.42
DELINQUENT AFTER	Jul 31, 2013	\$9,205.46

Payment Received on Jun 17, 2013 \$9,062.68

TYPE OF READING	METER NUMBER	SERVICE FROM TO DAYS	NO	PREVIOUS METER READING	PRESENT METER READING	READING DIFFERENCE	METER MULTIPLIER	THERM FACTOR	USAGE	R D
Total kWh	11673321	06/06-07/08	32	16974.0000	17634.0000	660.0000	160.0000		105600.0000A	
Peak kW	11673321	06/06-07/08	32	0.0000	1.0440	1.0440	160.0000		167.0400A	

Service To				SUMMARY				Service To			
Total kWh	07/08/2013	105600.0000		Peak kW	07/08/2013	167.0000					
Billing Demand	07/08/2013	167.0000		Total Billing Demand	07/08/2013	167.0000					

METERED ELECTRIC SERVICE BILLING

Rate 3M Large General Service				Service From 06/06/2013 To 07/08/2013			
Demand Charge	167.00	kW	@	\$4.62000000	\$772.54		
Energy Charge/Hours Used	25,050.00	kWh	@	\$0.09890000	\$2,477.45		
Energy Charge/Hours Used	33,400.00	kWh	@	\$0.07440000	\$2,484.96		
Energy Charge/Hours Used	47,150.00	kWh	@	\$0.05000000	\$2,357.50		
Customer Charge					\$88.82		
Fuel Adjustment Charge	105,600.00	kWh	@	\$0.00552000	\$582.91		
Energy Efficiency Pgm Charge	105,600.00	kWh	@	\$0.00080000	\$84.48		
Energy Efficiency Invest Chg	105,600.00	kWh	@	\$0.00210000	\$221.76		
Total Service Amount					\$9,069.42		

Current Amount Due	\$9,069.42
Prior Amount Due	\$0.00
Total Amount Due	\$9,069.42

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



Please Return This Portion With Your Payment.

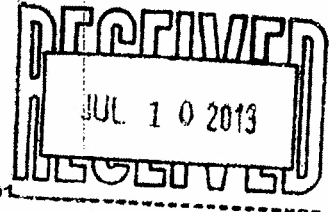
☐ Pure Power

AMOUNT DUE	DUE DATE
\$261.34	Jul 22, 2013
AMOUNT PAYABLE AFTER Jul 31, 2013	ACCOUNT NUMBER
\$265.26	55800-05920

Amount Enclosed \$

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

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



90633000 0055800059200 000000261340 000000261340

Keep This Portion For Your Records

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

BILL DATE	Jul 10, 2013
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TOTAL AMOUNT DUE BY	Jul 22, 2013	\$261.34
DELINQUENT AFTER	Jul 31, 2013	\$265.26

Payment Received on Jun 17, 2013

\$72.78

TYPE OF READING	METER NUMBER	SERVICE FROM TO DAYS	NO	METER READING PREVIOUS	METER READING PRESENT	READING DIFFERENCE	METER MULTIPLIER	THERM FACTOR	USAGE	R D
Total kWh	98041275	06/06-07/08	32	3213.0000	3431.0000	218.0000	10.0000		2180.0000A	
Peak kW	98041275	06/06-07/08	32	0.0000	4.8260	4.8260	10.0000		48.2600A	

Total kWh Service To 07/08/2013 2180.0000

METERED ELECTRIC SERVICE BILLING

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

Service From 06/06/2013 To 07/08/2013

Total Energy Charge	2,180.00 kWh	@ \$0.10340000	\$225.41
Customer Charge			\$19.54
Fuel Adjustment Charge	2,180.00 kWh	@ \$.00552000	\$12.03
Energy Efficiency Pgm Charge	2,180.00 kWh	@ \$.00040000	\$0.87
Energy Efficiency Invest Chg	2,180.00 kWh	@ \$.00160000	\$3.49
Total Service Amount			\$261.34

Current Amount Due	\$261.34
Prior Amount Due	\$0.00
Total Amount Due	\$261.34

Sign up for Pure Power to support clean renewable energy in Missouri and the Midwest. By checking the box, a 1.5 cents per kilowatt hour charge will apply. You may cancel at any time.

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

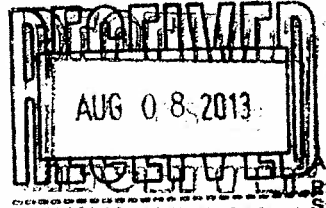


Please Return This Portion With Your Payment.

AMOUNT DUE	DUE DATE
\$9,672.09	Aug 20, 2013
AMOUNT PAYABLE AFTER Aug 29, 2013	ACCOUNT NUMBER
\$9,817.17	45800-05832

Amount Enclosed \$ _____

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



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

60600000 0045800058302 000009672090 000009672090

Keep This Portion For Your Records

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

BILL DATE	Aug 8, 2013
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TOTAL AMOUNT DUE BY	Aug 20, 2013	\$9,672.09
DELINQUENT AFTER	Aug 29, 2013	\$9,817.17

Payment Received on Jul 19, 2013

\$9,069.42

TYPE OF READING	METER NUMBER	SERVICE FROM	NO. TO DAYS	PREVIOUS	METER READING PRESENT	READING DIFFERENCE	METER MULTIPLIER	THERM FACTOR	USAGE	R D
Total kWh	11673321	07/08-08/06	29	17634.0000	18265.0000	631.0000	160.0000		100960.0000A	
Peak kW	11673321	07/08-08/06	29	0.0000	1.3680	1.3680	160.0000		218.8800A	

Service To				SUMMARY		Service To	
Total kWh	08/06/2013	100960.0000		Peak kW		08/06/2013	218.9000
Billing Demand	08/06/2013	218.9000		Total Billing Demand		08/06/2013	218.9000

METERED ELECTRIC SERVICE BILLING

Rate 3M Large General Service				Service From 07/08/2013 To 08/06/2013	
Demand Charge	218.90	kW	@	\$4.62000000	\$1,011.32
Energy Charge/Hours Used	32,835.00	kWh	@	\$0.09890000	\$3,247.38
Energy Charge/Hours Used	43,780.00	kWh	@	\$0.07440000	\$3,257.23
Energy Charge/Hours Used	24,345.00	kWh	@	\$0.05000000	\$1,217.25
Customer Charge					\$88.82
Fuel Adjustment Charge	100,960.00	kWh	@	\$0.00552000	\$557.30
Energy Efficiency Pgm Charge	100,960.00	kWh	@	\$0.00080000	\$80.77
Energy Efficiency Invest Chg	100,960.00	kWh	@	\$0.00210000	\$212.02
Total Service Amount					\$9,672.09

Current Amount Due	\$9,672.09
Prior Amount Due	\$0.00
Total Amount Due	\$9,672.09

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



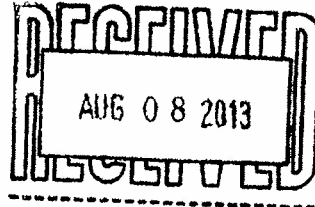
Please Return This Portion With Your Payment.

☐ Pure Power

AMOUNT DUE	DUE DATE
\$189.25	Aug 20, 2013
AMOUNT PAYABLE AFTER Aug 20, 2013	ACCOUNT NUMBER
\$192.09	55800-05920

Amount Enclosed \$ _____

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



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

90633000 0055800059200 000000189250 000000189250

Keep This Portion For Your Records

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

BILL DATE	Aug 8, 2013
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TOTAL AMOUNT DUE BY	Aug 20, 2013	\$189.25
DELINQUENT AFTER	Aug 29, 2013	\$192.09

Payment Received on Jul 19, 2013

\$261.34

TYPE OF READING	METER NUMBER	SERVICE FROM	NO TO DAYS	PREVIOUS	METER READING PRESENT	READING DIFFERENCE	METER MULTIPLIER	TIER FACTOR	USAGE	R D
Total kWh	98041275	07/08-08/06	29	3431.0000	3584.0000	153.0000	10.0000		1530.0000A	
Peak kW	98041275	07/08-08/06	29	0.0000	4.7460	4.7460	10.0000		47.4600A	

Service To
Total kWh 08/06/2013 1530.0000 Service To

METERED ELECTRIC SERVICE BILLING

Rate 2M 5m Gen Svc - 3 Ph w/Dmd
Threshold - Peak Demand

Service From 07/08/2013 To 08/06/2013

Total Energy Charge	1,530.00 kWh	@ \$.10340000	\$158.20
Customer Charge			\$19.54
Fuel Adjustment Charge	1,530.00 kWh	@ \$.00552000	\$8.45
Energy Efficiency Pgm Charge	1,530.00 kWh	@ \$.00040000	\$0.61
Energy Efficiency Invest Chg	1,530.00 kWh	@ \$.00160000	\$2.45
Total Service Amount			\$189.25

Current Amount Due	\$189.25
Prior Amount Due	\$0.00
Total Amount Due	\$189.25

Sign up for Pure Power to support clean renewable energy in Missouri and the Midwest. By checking the box, a 1.5 cents per kilowatt hour charge will apply. You may cancel at any time.

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

Alliance Water Resources, Inc.
Professional Water and Wastewater Operations
206 South Keene Street
Columbia, Missouri 65201
(573) 874-8080 Fax (573) 443-0833

INVOICE

Invoice No: 5713

SOLD TO:

01-Aug-13

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

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	Wastewater Plant operating service for month of: Aug-13 Base Fee	\$23,450.82
TOTAL DUE		\$23,450.82

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: 5714

Invoice Date: 01-Aug-13

Customer No: 20220

Terms: 30 days

REFERENCE	DESCRIPTION	AMOUNT
	John Henry Foster - 1 Invoice - 50%	\$115.49
TOTAL DUE		\$115.49



John Henry Foster

pneumatic and hydraulic equipment

www.jhf.com

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

Ph (314) 427-0600
Fax (314) 427-3502

Invoice #	01250725
Page #	1
Date	07/10/2013

** ORIGINAL INVOICE **

We accept Visa and Mastercard

SOLD TO
Account #: 30796
ALLIANCE WATER RESOURCES
#3 ANDERSON ROAD
P.O. BOX #1985
LAKE OZARK, MO 65049-

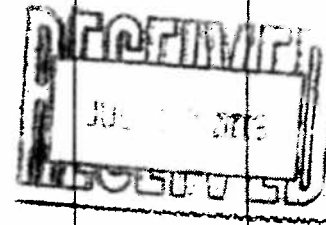
SHIP TO
30796
ALLIANCE WATER RESOURCES
#3 ANDERSON ROAD
P.O. BOX #1985
LAKE OZARK, MO 65049-

Customer PO Number	Ship Date	Salesperson	Terms	Order Date	
GARY H	07/09/2013	Neil Burton	Net 20 Days	06/27/2013	
JHF Order #	Order Entered By	Placed By	Ship Via		
01530630	Dave Huber	GARY HUTCHCRAFT	UPS		
Part Number / Description	Ordered	Shipped	Backorder	Price Ea.	Extension
10064X00760 ORIGA OUTER BAND Direct from Vendor	4	4	0	52.25	209.00

GL Acct#: 6705-20\$134.14 1220-20\$115.49 4020

Signature: Gary Hutchcraft

Date: 7/12/13



GL Acct#: 6705-20 \$134.14 1220-20 \$115.49 4030

Signature: Gary Hutchcraft

Date: 7/12/13



How are we doing? How can we help you?
Please send us a note. feedback@jhf.com

Review and place orders at www.jhf.com!

Subtotal	Freight	Sales Tax	TOTAL
209.00	21.98	18.65	249.63

OF 03 02 10-1-2005

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

Zerger and Mauer LLP Balance Sheet

Date	Description	Amount
11/19/2012	Statement # 2006	\$ 103,768.83
12/13/2012	Check # 3255	\$ (27,187.56)
12/28/2012	Statement # 2095	\$ 9,210.13
1/15/2013	Check # 3265	\$ (6,133.55)
1/30/2013	Statement #2170	\$ 13,235.39
2/19/2013	Check # 3273	\$ (10,000.00)
2/19/2013	Statement #2236	\$ 9,869.73
3/26/2013	Check # 3281	\$ (10,000.00)
4/16/2013	Check # 3291	\$ (10,000.00)
4/30/2013	Statement #2399	\$197.32
5/10/2013	Check # 3298	\$ (10,000.00)
5/30/2013	Statement #2596	\$127.62
6/24/2013	Statement #2689	\$929.92
7/3/2013	Check # 3306	\$ (10,000.00)
7/23/2013	Statement #2828	\$308.86
7/30/2013	Check # 3311	\$ (10,000.00)
	Current Balance	<u><u>\$ 44,326.69</u></u>
7/16/2013	Check # 3320 (Pending)	\$ (10,000.00)
	New Balance	<u><u>\$ 34,326.69</u></u>

ZERGER & MAUER LLP

1100 Main Street

Suite 2100

Kansas City, MO 64105 816/759-3300 Federal ID No. 27-5426971

STATEMENT**PRIVILEGED & CONFIDENTIAL**

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

Statement Date: 07/23/2013

Previous Balance	Fees	Expenses	Advances	Payments	
1014-0002 Magruder					
64,017.83	282.00	26.86	0.00	-10,000.00	<u>\$54,326.69</u>

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

ZERGER & MAUER LLP

1100 Main Street

Suite 2100

Kansas City, MO 64105 816/759-3300 Federal ID No. 27-5426971

STATEMENT

PRIVILEGED & CONFIDENTIAL

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

Account No. 1014.0002
 RE: Magruder

Statement Date: 07/23/2013
 Statement No. 2828
 Page No. 1

Fees

		Rate	Hours	
06/04/2013	SEM			
	Review supplemental brief regarding new case law; prepare letter to E. Rucker regarding same.			
	NO CHARGE	280.00		
06/11/2013	MLR			
	Review and analyze May 2013 LRC decision to deny permit in Taney County based on proximity to RV Park to determine if decision merits additional briefing to Commissioner.	250.00	0.10	25.00
	EDC			
	Telephone call regarding denial of permit to G. Shaver in Taney County.	160.00	0.30	48.00
06/18/2013	SEM			
	Review order regarding further briefing by Commissioner Winn; prepare letter to E. Rucker, N. Viselli and Mayor Lyons regarding same. NO CHARGE	280.00		
06/19/2013	MLR			
	Review and analyze opposition brief filed by Magruder to address court of appeals finding in Saxony.	250.00	0.50	125.00
06/25/2013	SEM			
	Review brief by Magruder regarding Saxony Lutheran case; prepare notes regarding same; prepare letter to Mayor Lyons, E. Rucker and N. Viselli regarding same. NO CHARGE	280.00		
06/26/2013	SEM			
	Telephone conference with Joint Sewer Board regarding status; review file regarding same; attorney conference regarding same.	280.00	0.30	84.00
	For Current Services Rendered		1.20	282.00

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

City of Osage Beach
Account No. 1014.0002
RE: Magruder

Statement Date: 07/23/2013
Statement No. 2828
Page No. 2

Expenses

06/03/2013	Photocopy charges	12.60
06/03/2013	Postage	10.08
06/04/2013	Postage	0.66
06/18/2013	Photocopy charges	0.40
06/18/2013	Postage	0.46
06/25/2013	Photocopy charges	2.00
06/25/2013	Postage	0.66
	Total Expenses	26.86
	Total Current Work	308.86
	Previous Balance	\$64,017.83

Payments

07/01/2013	Payment	-10,000.00
	Balance Due	<u>\$54,326.69</u>



GERMING, KORTE & CHITWOOD

Professional Corporation • Certified Public Accountants

723 Main Street

Boonville, Missouri 65233

660-882-7000 FAX 660-882-7765

22299

07/29/13

LAKE OZARK - OSAGE BEACH
JOINT SEWER TREATMENT PROJECT
1000 CITY PARK WAY
OSAGE BEACH, MO 65065

We now accept Mastercard, Visa & Discover

FOR PROFESSIONAL SERVICES:

AUDIT OF FINANCIAL STATEMENTS FOR YEAR ENDING
DECEMBER 31, 2012

TOTAL DUE \$ 1,750.00

C 22299

ACCOUNTS UNPAID AFTER 30 DAYS WILL BE SUBJECT TO A FINANCE CHARGE OF 1½% PER MONTH.

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

Account Number	Account Name	7/31/2013					Percent YTD
		2011 Actual	2012 Actual	2013 Budget	2013 Actual as of 7/31/2013	2013 July Revenue	
3020	Osage Beach	399,428.80	403,305.55	451,000.00	261,782.41	38,085.59	58%
3010	Lake Ozark	90,571.18	86,694.44	99,000.00	54,050.92	7,747.74	55%
3100	Interest	804.37	537.49	200.00	24.59	2.64	12%
3060	Waste Haulers' Fee	39,457.00	40,820.00	38,000.00	25,060.00	5,500.00	66%
Total Operating Fund		530,261.35	531,357.48	588,200.00	340,917.92	51,335.97	58%
E/R Fund Income		1,355.61	1,374.82	1,500.00	1,004.21	273.71	67%
TOTAL INCOME		531,616.96	532,732.30	589,700.00	341,922.13	51,609.68	58%

**MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
7/31/2013**

Account Number	Account Name	2011 Actual	2012 Actual	2013 Budget	2013 Actual as of 7/31/2013	2013 July Expenses	Percent YTD
4000	Equipment Replace Fund	41,606.04	41,606.04	41,606.04	24,270.19	3,467.17	58%
4010	ERF Repayment	27,961.44	27,961.44	27,961.44	16,310.84	2,330.12	58%
4020	**Maintenance & Repair	46,319.94	88,400.79	66,500.00	15,925.85	7,535.02	24%
4140	Insurance	17,127.00	20,962.00	21,000.00	15,641.00	0.00	74%
4150	Vehicle Repair/Maint	2,835.38	5,649.28	3,000.00	0.00	0.00	0%
4160	Haulers Fees to Contractor	8,000.00	8,000.00	8,000.00	8,000.00	570.00	100%
4170	Contract Management	266,524.58	272,948.40	281,000.00	164,155.74	23,450.82	58%
4185	Electric	61,407.39	60,662.46	74,000.00	39,434.67	9,330.76	53%
4200	Audit	1,650.00	1,700.00	1,750.00	0.00	0.00	0%
4220	***Professional Service	19,298.33	168,904.97	67,000.00	69,639.73	10,000.00	104%
4240	*Capital Purchases	13,241.91	0.00	0.00	0.00	0.00	0%
	Totals	505,972.01	696,995.38	591,817.48	353,378.02	56,683.89	60%
	**E/R Expenses	1,523.00	5,368.50	10,000.00	0.00	0.00	0%
	TOTAL EXPENSES	507,495.01	702,363.88	601,817.48	353,378.02	56,683.89	59%
	***Professional Services:						
	Normal/Magruder Lawsuit		67,000.00				
			<u>67,000.00</u>				
				Paid 05/13			
				UV Spare Parts			5,000.00
				Replace Wooden drs w/ Fiberglass			2,000.00
				Auto Dialer Yearly Software Fee			500.00
				Rock for Road			2,000.00
				Normal Maintenance			6,000.00
				Riding Lawn Mower			6,000.00
				Paid 07/13			
				#1 Aeration Basin Main.			45,000.00
							<u>66,500.00</u>

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OPERATING FUND INCOME AND EXPENSE SUMMARY
7/31/2013

Beginning Balance	29,477.01
Income - Osage Beach	38,085.59
Income - Lake Ozark	7,747.74
Income - Other	0.00
Income - Waste Haulers' Fees	5,500.00
Interest - Checking	2.64
Income - CD Interest	0.00
Transfers From E/R Fund	0.00
Transfers to E/R fund	-5,797.29
Expenses	-50,886.60
Ending Fund Balance	24,129.09
NOW Account - Central Bank	34,129.09
Outstanding Checks:	-10,000.00
Deposit in Transit:	0.00
	24,129.09

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
7/31/2013

Beginning Balance	344,544.56
Interest - Checking	7.39
Income - CD Interest	266.32
Transfers From E/R Fund	5,797.29
Transfers to E/R Fund	0.00
Income - Miscellaneous	0.00
Expenses	0.00
Ending Fund Balance	350,615.56
NOW Account - First Bank	59,849.63
CD First National Bank, 01/14 #000048178	113,312.52
CD Providence Bank, 01/14	76,121.63
CD First National Bank, 01/14 #000049153	101,331.78
Deposit in Transit	0.00
Outstanding Checks:	0.00
	350,615.56

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Lake Ozark and Osage Beach Joint Wastewater Treatment Plant														TOTAL		BUDGET
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC				
CASH BALANCE:	36,590	36,837	40,956	43,218	31,428	29,343	29,477	24,129	21,466	22,104	24,742	26,680				
Osage Beach	34,638	38,604	38,005	37,996	37,463	36,992	38,086	37,583	37,583	37,583	37,583	37,583	449,701			
Lake Ozark	6,195	7,230	7,829	7,838	8,370	8,841	7,748	8,800	8,800	8,800	8,800	8,250	97,502			
Interest	4	3	5	3	3	3	3	3	3	3	3	3	39			
Waste Haulers' Fees	2,320	4,680	2,100	2,340	3,420	4,700	5,500	3,000	3,000	3,000	2,000	2,000	38,060			
Transfers to ER Fund	(5,798)	(5,798)	(5,797)	(5,797)	(5,797)	(5,797)	(5,798)	(5,798)	(5,798)	(5,798)	(5,798)	(5,798)	(69,569)			
Equip & Bldg Repair/Main	(190)	(1,610)	(160)	(331)	(5,791)	(308)	(7,535)	(115)	(1,000)	(1,000)	(1,000)	(2,000)	(21,041)			
#1 Aeration Basin													(45,000)			
Insurance				(15,641)									(15,641)			
Vehicle Repair/Main								(1,075)	(500)	(500)	(500)	(500)	(3,075)			
Haulers Fees to Contractor				(1,051)	(1,170)	(1,710)	(670)						(8,000)			
Contract Management	(23,451)	(23,451)	(23,451)	(23,451)	(23,451)	(23,451)	(23,451)	(23,451)	(23,451)	(23,451)	(23,451)	(23,451)	(281,411)			
Electric	(3,472)	(4,240)	(4,069)	(4,056)	(5,132)	(9,135)	(9,332)	(9,861)	(8,000)	(6,000)	(5,700)	(5,000)	(73,997)			
Audit	(10,000)	(10,000)	(10,000)	(9,640)	(10,000)	(10,000)	(10,000)	(1,750)	(10,000)	(10,000)	(10,000)	(4,327)	(1,750)			
Professional Services													(113,967)			
	36,837	40,956	43,218	31,428	29,343	29,477	24,129	21,466	22,104	24,742	26,680	(11,559)	-			

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**OPERATING FUND
BALANCE SHEET
7/31/2013**

		DEBITS	CREDITS	
ASSETS	CASH AND INVESTMENTS	24,129.09		
ACCOUNTS PAYABLE	DUE TO E.R. FUND - BASIN		11,477.87	
EQUITY	FUND BALANCE		12,651.22	
TOTAL OPERATING FUND		24,129.09	24,129.09	-

**EQUIPMENT REPLACEMENT FUND
BALANCE SHEET
7/31/2013**

		DEBITS	CREDITS	
ASSETS	CASH AND INVESTMENTS	350,615.56		
ACCOUNTS RECEIVABLE	DUE FROM OPERATING FUND - BASIN	11,477.87		
EQUITY	FUND BALANCE		362,093.43	
TOTAL EQUIPMENT REPLACEMENT FUND		362,093.43	362,093.43	-

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Operating Fund

CHECK REGISTER - JOINT SEWER BOARD OPERATION FUND

	reconciled balance 4/30/13			41,427.41
3291	Zerger & Mauer	X	10,000.00	31,427.41
3292	Ameren UE	X	5,132.47	26,294.94
3294	Alliance Water Resources, Inc.	X	23,450.82	2,844.12
3295	ER Fund Transfer	X	5,797.29	(2,953.17)
3296	Alliance Water Resources, Inc.	X	727.35	(3,680.52)
3297	Alliance Water Resources, Inc.	X	1,170.00	(4,850.52)
3299	UV Doctor	X	3,668.16	(8,518.68)
3300	G & L Welding	X	1,396.11	(9,914.79)
	Deposit	X		37,462.85
	Deposit	X		8,370.49
	Deposit	X		3,420.00
	Interest	X		3.30
	reconciled balance 5/31/13			39,341.85
3298	Zerger & Mauer	X	10,000.00	29,341.85
3301	Ameren UE	X	9,135.46	20,206.39
3302	Alliance Water Resources, Inc.	X	23,450.82	(3,244.43)
3303	ER Fund Transfer	X	5,797.29	(9,041.72)
3304	Alliance Water Resources, Inc.	X	308.04	(9,349.76)
3305	Alliance Water Resources, Inc.	X	1,710.00	(11,059.76)
	Deposit	X		38,085.59
	Deposit	X		7,747.74
	Deposit	X		4,700.00
	Interest	X		3.44
	reconciled balance 6/30/13			39,477.01
3306	Zerger & Mauer	X	10,000.00	29,477.01
3307	Alliance Water Resources, Inc.	X	23,450.82	6,026.19
3308	ER Fund Transfer	X	5,797.29	228.90
3309	Alliance Water Resources, Inc.	X	720.71	(491.81)
3310	Alliance Water Resources, Inc.	X	570.00	(1,061.81)
3312	Crown	X	4,449.00	(5,510.81)
3313	Vandevanter		2,365.31	(7,876.12)
3314	Ameren UE		9,330.76	(17,206.88)
	Deposit	X		38,085.59
	Deposit	X		7,747.74
	Deposit	X		5,500.00
	Interest	X		2.64
	reconciled balance 7/31/13			34,129.09



P.O. Box 4500, Jefferson City, MO 65102
(573) 348-2761 0019

001931

Return Service Requested

Period	Page
07/01/2013-07/31/2013	1 of 2

Web Address
www.cbolobank.com

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

M 8

Your Financial Summary on July 31, 2013

Account Balances & Other Assets

Checking	\$ 34,129.09
Total	\$ 34,129.09

Detailed Explanation of Account Balances and Other Assets

! Checking

Beginning Balance June 28, 2013	\$	39,477.01
---------------------------------	----	-----------

Deposits

July 10 Deposit	400.00
July 15 Deposit	7,747.74
July 15 Deposit	38,085.59
July 17 Deposit	4,400.00
July 31 Deposit	700.00
July 31 Interest Earned	2.64

Total	+\$	51,335.97
--------------	------------	------------------

Checks

Check No.	Date Paid	Amount	Check No.	Date Paid	Amount
3306	July 03	10,000.00	3310	July 18	570.00
3307	July 18	23,450.82	3312	July 23	4,449.00
3308	July 19	5,797.29	3313	July 22	2,365.31
3309	July 18	720.71	3314	July 22	9,330.76
		Total			\$ 56,683.89

Ending Balance July 31, 2013	\$	34,129.09
------------------------------	----	-----------

Number of days since last statement/interest cycle	31
Beginning and ending dates for calculation of statement/interest cycle	are 07/01/2013 through 07/31/2013
Average collected balance	38,846.00
Interest rate	0.08%
Annual percentage yield earned	0.08%

CHECK REGISTER - JOINT SEWER BOARD EQUIPMENT REPLACEMENT FUND

	reconciled balance 7/31/12			96,695.16
	Interest	X	12.98	96,708.14
	Deposit	X	5,797.29	102,505.43
	reconciled balance 8/31/12			102,505.43
	Interest	X	15.89	102,521.32
	Deposit	X	5,797.29	108,318.61
	reconciled balance 9/30/12			108,318.61
	Interest	X	19.90	108,338.51
	Deposit	X	5,797.29	114,135.80
	reconciled balance 10/31/12			114,135.80
1002	Check	X	101,131.60	13,004.20
1003	Check	X	1,113.50	11,890.70
1004	Check	X	4,255.00	7,635.70
	Interest	X	13.90	7,649.60
	Deposit	X	5,797.29	13,446.89
	reconciled balance 11/30/12			13,446.89
	Interest	X	0.69	13,447.58
	Deposit	X	5,797.29	19,244.87
	reconciled balance 12/31/12			19,244.87
	Interest	X	1.20	19,246.07
	Deposit	X	5,797.29	25,043.36
	reconciled balance 1/31/13			25,043.36
	Interest	X	2.03	25,045.39
	Deposit	X	5,797.29	30,842.68
	reconciled balance 2/28/13			30,842.68
	Interest	X	2.45	30,845.13
	Deposit	X	5,797.29	36,642.42
	reconciled balance 3/31/13			36,642.42
	Interest	X	3.32	36,645.74
	Deposit	X	5,797.29	42,443.03
	reconciled balance 4/30/13			42,443.03
	Interest	X	3.64	42,446.67
	Deposit	X	5,797.29	48,243.96
	reconciled balance 5/31/13			48,243.96
	Interest	X	3.70	48,247.66
	Deposit	X	5,797.29	54,044.95
	reconciled balance 6/30/13			54,044.95
	Interest	X	7.39	54,052.34
	Deposit	X	5,797.29	59,849.63
	reconciled balance 7/31/13			59,849.63



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

536 00010 26
ACCOUNT:
DOCUMENTS:

PAGE: 1
07/31/2013

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

=====

NOTICE OF EXPIRATION OF THE TEMPORARY FULL FDIC INSURANCE COVERAGE FOR
NONINTEREST-BEARING TRANSACTION ACCOUNTS

By operation of federal law, beginning Jan. 01, 2013, funds deposited in
a noninterest-bearing transaction account (including an Interest on
Lawyer Trust Account) no longer will receive unlimited deposit insurance
coverage by the Federal Deposit Insurance Corporation (FDIC). Beginning
Jan. 01, 2013, all of a depositor's accounts at an insured depository
institution, including all noninterest-bearing transaction accounts, will
be insured by the FDIC up to the standard maximum deposit insurance
amount (\$250,000), for each deposit insurance category.
For more information about FDIC insurance on noninterest-bearing
transaction accounts, visit http://www.fdic.gov/deposit/deposit_expiration.html

=====

=====

BUSINESS MMDA ACCOUNT

=====

LAST STATEMENT 06/28/13	54,044.95
2 CREDITS	5,804.68
DEBITS	.00
THIS STATEMENT 07/31/13	59,849.63

----- DEPOSITS -----

REF #	DATE	AMOUNT	REF #	DATE	AMOUNT	REF #	DATE	AMOUNT
	07/18	5,797.29						

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

DESCRIPTION	DATE	AMOUNT
INTEREST	07/31	7.39

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

AVERAGE LEDGER BALANCE:	56,504.40	INTEREST EARNED:	7.39
AVERAGE AVAILABLE BALANCE:	55,450.35	DAYS IN PERIOD:	33
INTEREST PAID THIS PERIOD:	7.39	ANNUAL PERCENTAGE YIELD EARNED:	.15%
INTEREST PAID 2013:	23.73		

*** CONTINUED ***



NOTICE: SEE REVERSE SIDE FOR IMPORTANT INFORMATION



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**OPERATING
DIVISIONS**

MISSOURI

Atchison County
Bonne Terre
Boonville
Bowling Green
Buchanan County #1
Cameron
Cape Girardeau
East Central Missouri
Water & Sewer
Authority
Elsberry
Franklin County #1
Franklin County #3
Henry County
Water Company
Henry County #3
Lake Ozark/
Osage Beach
Lincoln County #1
Nevada
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 July 2013

Submitted by Alliance Water Resources, Inc. for the

August 2013

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, but we did have a 3 hours and 40 minute power outage due to an emergency repair of a power pole, in which caused an unauthorized release 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	Fecal Coliform Colonies/100 ml
Monthly Average	1.4	1.4	NA	< 20
Peak Day	1.9	2.0	8.0	< 20
Percent Removal	99.4	99.5	NA	NA

NPDES EFFLUENT LIMITATIONS

	BOD mg/l	TSS mg/l	pH	Fecal Coliform Colonies/100 ml
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 1.793 MGD or 60% of Permitted flow with Lake Ozark contributing 16% of the total flow and Osage Beach contributing 84%. 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 113022 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 54 tanker loads of bio-solids during the month equivalent to a total of 358,900 gallons and 105,164 pounds dry weight solids.

360,607 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 358,750 gallons with a level of 6.0 feet in Tank 1 and 1.0 feet in Tank 2.

WASTEHAULERS

The plant received 58 loads of septage during the month totaling 137,500 gallons.

WWTP OPERATIONS

- Decanting digesters and wasting weekly.
- Normal operations.
- We were able to leave one aerator in each ditch off again this month, including weekends.

WWTP MAINTENANCE AND REPAIR

- Performed routine maintenance throughout the month as per Antero Maintenance Data Management schedule. (New version of Operator 10 Software)
- We fixed the leak in the waste manhole over the hill at the digesters on the 1st of July, with the help of the crew from the City of Lake Ozark. Many Thanks.
- We came in on the 17th of July and found the Pista Grit system was not working properly, so we troubleshooted it and found that the solenoid valve on the vacuum pump side was not closing so we replaced it on the 19th of July and is working fine now.
- We replaced 1 UV bulb and 2 air cylinder outer bands on the 30th of July.

SAFETY

- We conducted our monthly routine Safety Meeting on Heat Exhaustion/Heat Stroke, Prevention and Symptoms on the 9th of July.

REGULATORY AGENCY, INSPECTION AND REPORTS

- Mailed DMR to MDNR on the 5th of August.
- We received our in-house DMRQA-33 Study results on the 29th of July and everything passed with acceptable results, which is excellent.(see attachment)

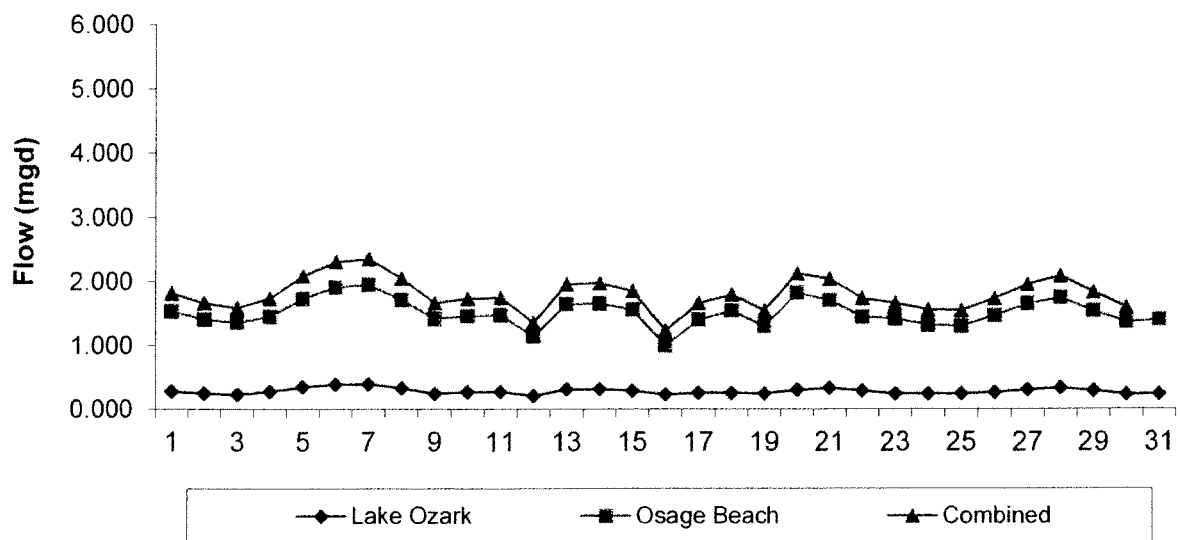
MISCELLANEOUS AND RECOMMENDATIONS

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF **July** **2013**

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-Jul		0.282	1.535	1.817	15.5	84.5						
2-Jul		0.251	1.413	1.664	15.1	84.9						
3-Jul		0.232	1.359	1.591	14.6	85.4						
4-Jul		0.281	1.457	1.738	16.2	83.8						
5-Jul		0.353	1.734	2.087	16.9	83.1	245	223	220	170	234	246
6-Jul		0.394	1.912	2.306	17.1	82.9						
7-Jul		0.399	1.950	2.349	17.0	83.0						
8-Jul		0.336	1.714	2.050	16.4	83.6						
9-Jul		0.247	1.416	1.663	14.9	85.1						
10-Jul	1.3	0.273	1.460	1.733	15.8	84.2						
11-Jul		0.275	1.473	1.748	15.7	84.3						
12-Jul		0.212	1.142	1.354	15.7	84.3	170	228	215	154	246	230
13-Jul		0.314	1.643	1.957	16.0	84.0						
14-Jul		0.319	1.654	1.973	16.2	83.8						
15-Jul		0.291	1.556	1.847	15.8	84.2						
16-Jul		0.232	0.997	1.229	18.9	81.1						
17-Jul		0.258	1.399	1.657	15.6	84.4						
18-Jul		0.255	1.540	1.795	14.2	85.8						
19-Jul		0.246	1.297	1.543	15.9	84.1	253	230	240	214	208	216
20-Jul		0.304	1.820	2.124	14.3	85.7						
21-Jul		0.334	1.703	2.037	16.4	83.6						
22-Jul		0.293	1.442	1.735	16.9	83.1						
23-Jul		0.241	1.415	1.656	14.6	85.4						
24-Jul		0.244	1.314	1.558	15.7	84.3						
25-Jul		0.246	1.299	1.545	15.9	84.1						
26-Jul		0.265	1.466	1.731	15.3	84.7	263	310	300	248	418	378
27-Jul	0.5	0.308	1.648	1.956	15.7	84.3						
28-Jul		0.340	1.745	2.085	16.3	83.7						
29-Jul		0.293	1.539	1.832	16.0	84.0						
30-Jul	0.2	0.232	1.362	1.594	14.6	85.4						
31-Jul	0.15	0.244	1.399	1.643	14.9	85.1						
SUM	2.2	8.794	46.803	55.597								
AVG		0.284	1.510	1.793	16	84	233	248	244	197	277	268
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

**Daily Flow
Figure 1**



**Effect of Rainfall on Flow
Figure 2**

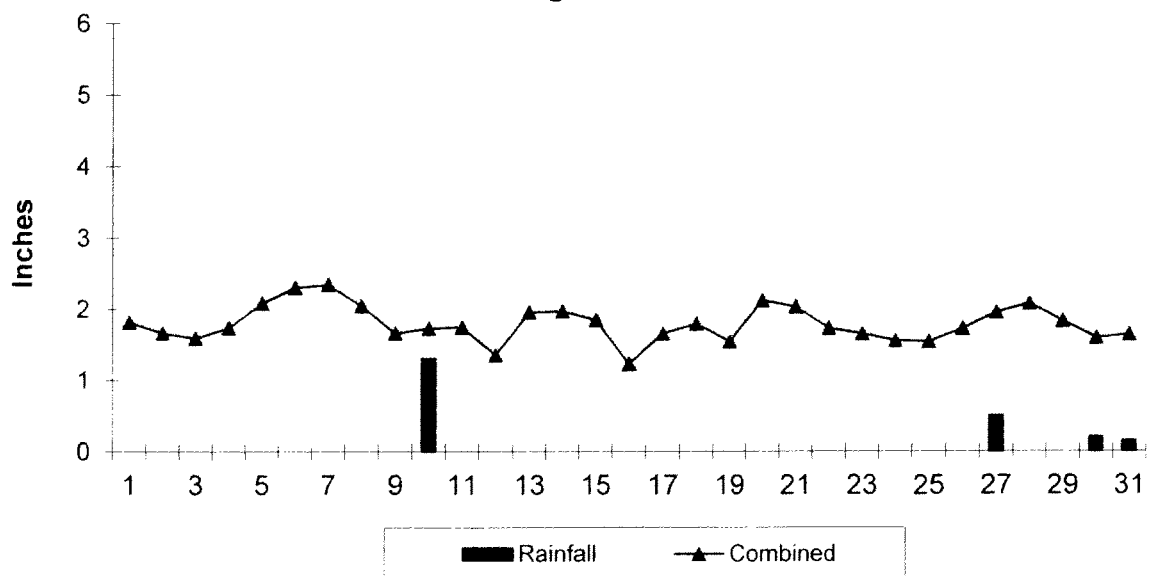
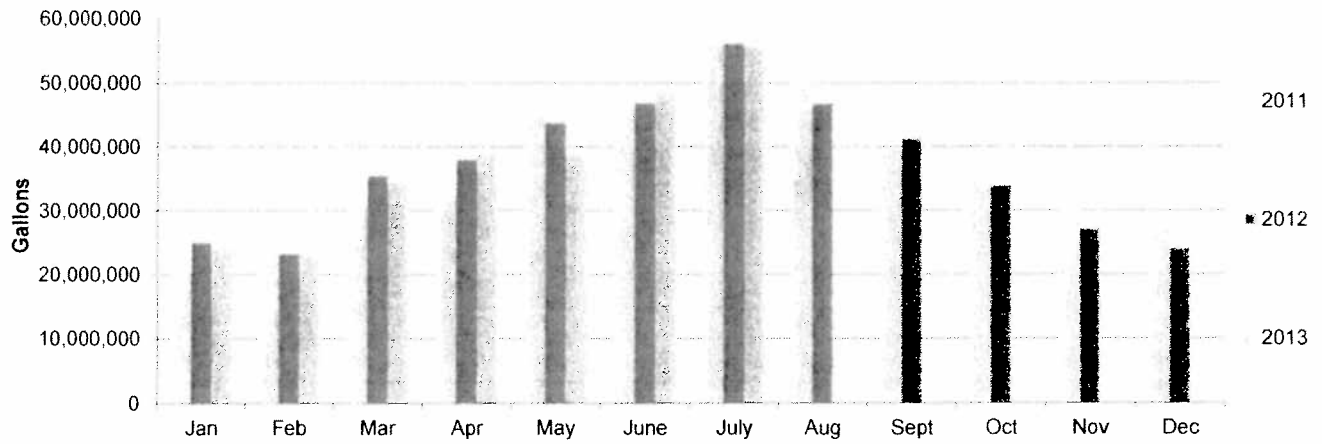


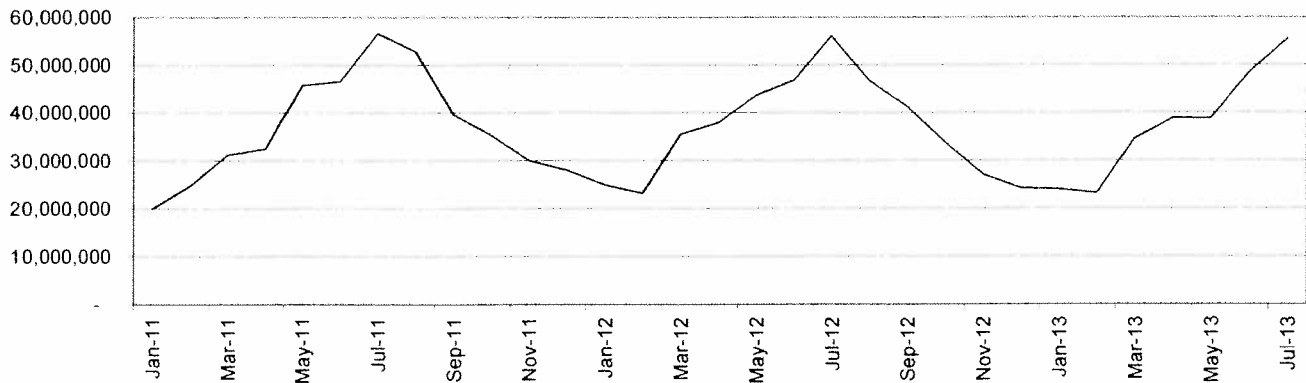
TABLE B
JOINT SEWER BOARD
Monthly Flows

2011	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
January	0.8	15,566,000	78%	4,395,000	22%	19,961,000	100%
February	4.8	19,737,000	80%	5,030,000	20%	24,767,000	100%
March	4.7	25,055,000	80%	6,183,000	20%	31,238,000	100%
April	4.8	26,299,000	81%	6,158,000	19%	32,457,000	100%
May	11.8	37,286,000	81%	8,523,000	19%	45,809,000	100%
June	4.4	38,748,000	83%	7,821,000	17%	46,569,000	100%
July	0.3	47,316,000	84%	9,297,000	16%	56,613,000	100%
August	6.5	44,175,000	84%	8,704,000	16%	52,879,000	100%
September	2.7	32,672,000	82%	6,999,000	18%	39,671,000	100%
October	2.3	28,932,000	82%	6,388,000	18%	35,320,000	100%
November	5.6	24,495,000	81%	5,589,000	19%	30,084,000	100%
December	3.5	22,789,000	81%	5,298,000	19%	28,087,000	100%
	52.1	363,070,000	81%	75,087,000	19%	443,455,000	100%
2012	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
January	0.7	20,401,000	82%	4,577,000	18%	24,978,000	100%
February	2.4	18,682,000	80%	4,563,000	20%	23,245,000	100%
March	6.3	28,720,000	81%	6,779,000	19%	35,499,000	100%
April	8.0	30,919,000	81%	7,049,000	19%	37,968,000	100%
May	1.6	35,910,000	82%	7,801,000	18%	43,711,000	100%
June	1.4	39,021,000	83%	7,841,000	17%	46,862,000	100%
July	1.4	46,676,000	83%	9,443,000	17%	56,119,000	100%
August	1.0	39,227,000	84%	7,571,000	16%	46,798,000	100%
September	6.5	34,629,000	84%	6,696,000	16%	41,325,000	100%
October	3.6	28,634,000	85%	5,240,000	15%	33,874,000	100%
November	1.1	22,996,000	85%	4,113,000	15%	27,109,000	100%
December	1.4	20,460,000	84%	3,832,000	16%	24,292,000	100%
	35.2	366,275,000	83%	75,505,000	17%	441,780,000	100%
2013	RAINFALL	OSAGE BEACH		LAKE OZARK		TOTAL	%
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							
September							
October							
November							
December							
	30.7	218,110,000	83%	45,437,000	17%	263,547,000	100%

Monthly Influent Flow
Figure 3A

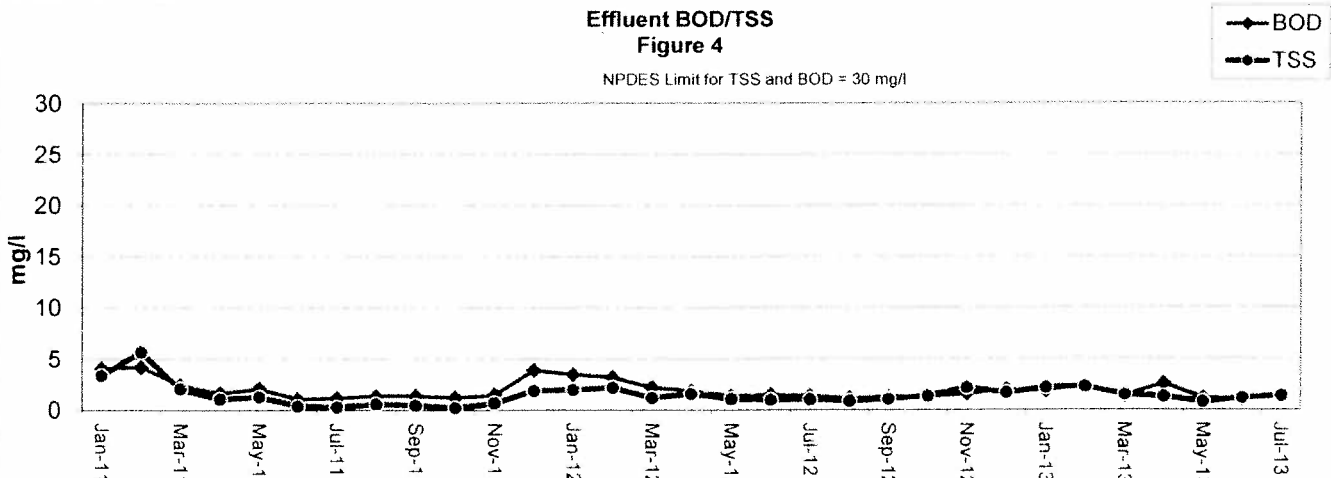


Monthly Influent Flow
Figure 3B

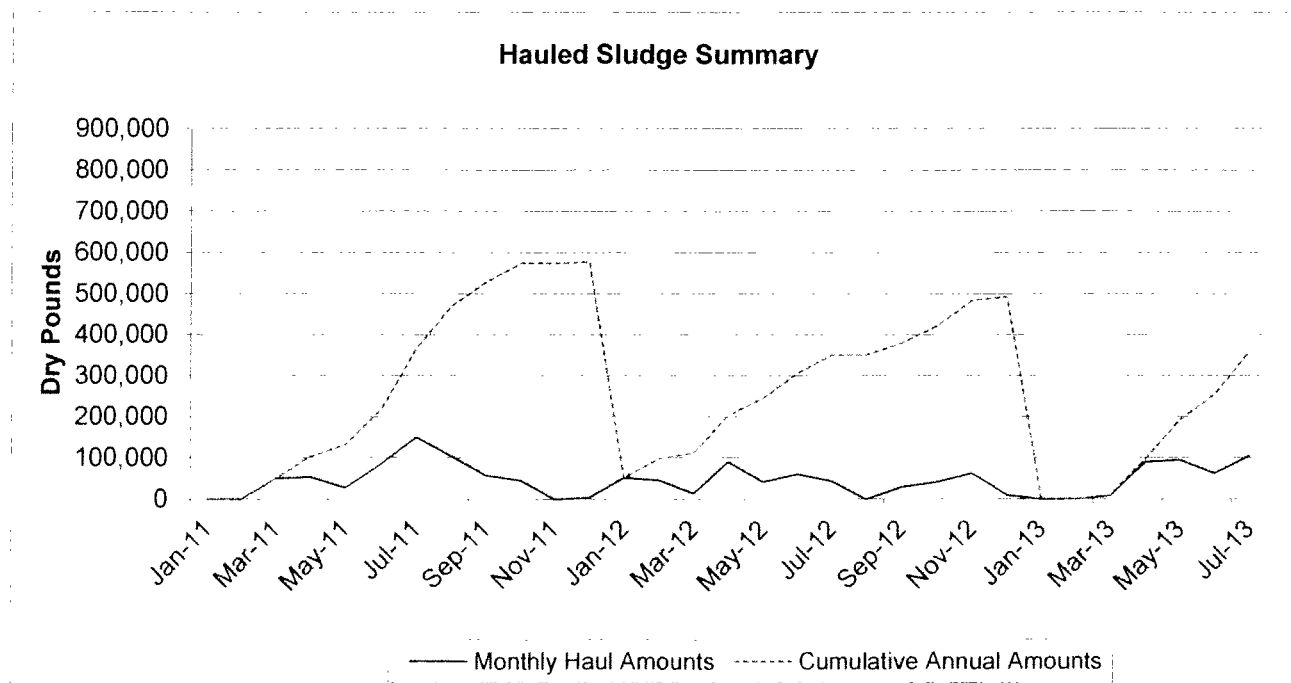
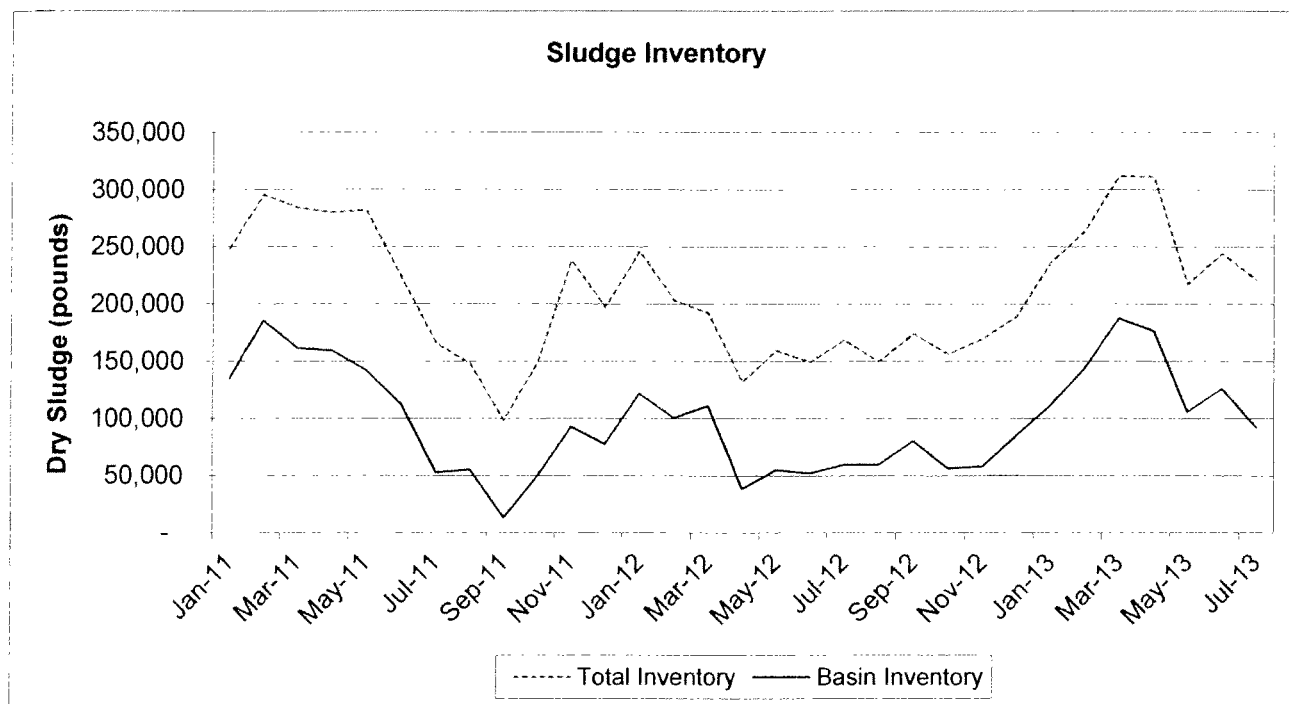


Effluent BOD/TSS
Figure 4

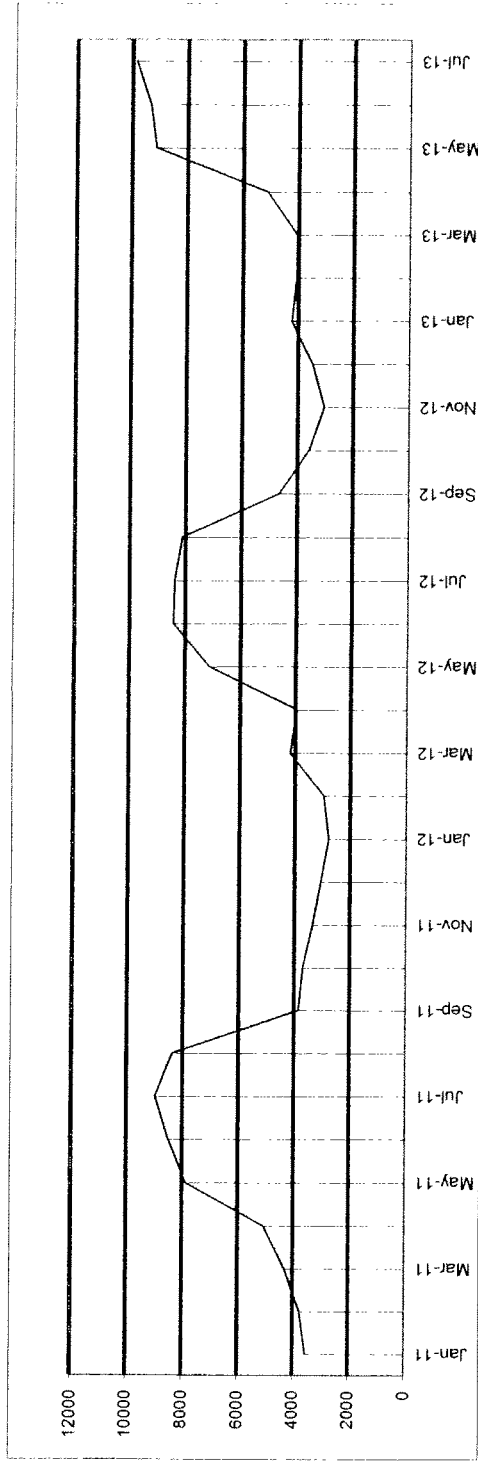
NPDES Limit for TSS and BOD = 30 mg/l



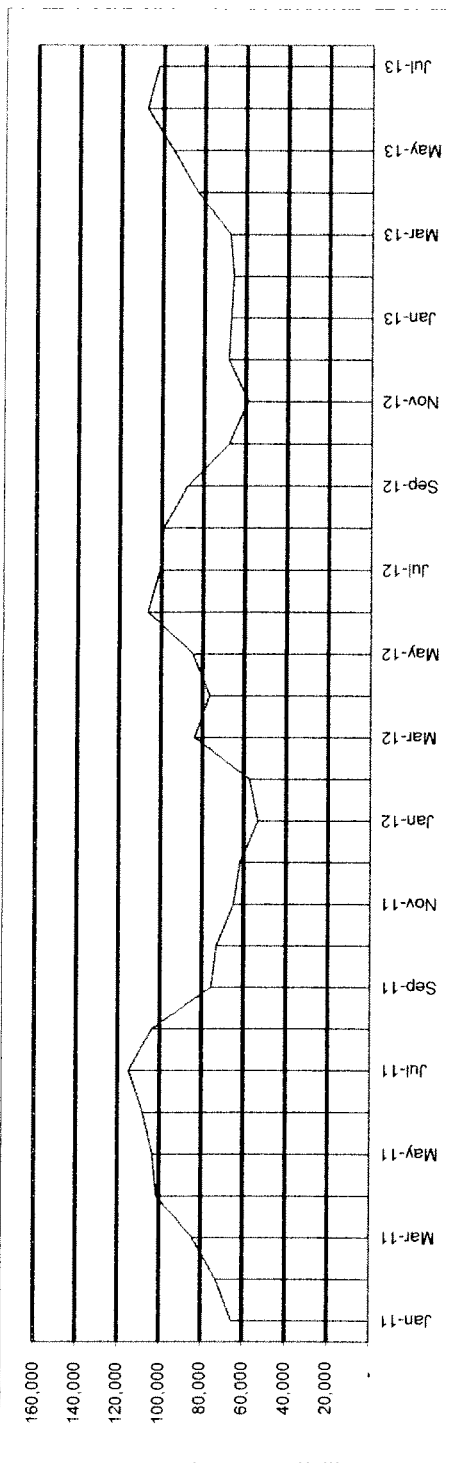
Basin Depths										Blanket Depths										Blanket and MLSS Inventory										Total Dry	
Tank #1		Tank #2		AB #1		AB #2		Basin Gallons		# Dry		Clarf #1		Clarf #2		Clarf #3		MLSS AB #1		MLSS Inventory		MLSS		% Solids		Sudge Inventory					
Loads	Gallons	# Dry	% Solids	Annual	Cumulative	# Dry	4.5%	5.5%	2.5	0.0	360,000	135,108	1.0	2.0	2.0	0.0	3,930	3,520	3,653,286	113,495	109,872	122,615	120,761	139,958	111,156	112,917	92,700	85,001	98,447		
Jan-11	0	-	0	4.5%	-	5.5	2.5	0.0	0.0	0.0	360,000	135,108	1.0	2.0	2.0	0.0	3,930	3,520	3,653,286	113,495	109,872	122,615	120,761	139,958	111,156	112,917	92,700	85,001	98,447		
Feb-11	0	-	0	4.5%	-	6.0	5.0	0.0	0.0	0.0	495,000	185,774	2.5	2.0	0.0	0.0	3,580	3,580	3,679,929	109,872	109,872	120,615	122,615	139,958	111,156	112,917	92,700	85,001	98,447		
Mar-11	43	159,100	49,803	3.8%	49,803	7.5	4.0	0.0	0.0	0.0	517,500	161,993	1.0	1.0	0.5	0.0	3,940	3,940	3,697,238	122,615	122,615	122,615	122,615	139,958	111,156	112,917	92,700	85,001	98,447		
Apr-11	45	166,500	53,692	3.9%	103,495	7.0	4.0	0.0	0.0	0.0	495,000	159,625	2.0	3.0	2.0	0.0	4,540	4,540	3,775,666	122,615	122,615	122,615	122,615	139,958	111,156	112,917	92,700	85,001	98,447		
May-11	24	88,800	28,051	3.8%	131,546	5.5	4.5	0.0	0.0	0.0	450,000	142,150	2.0	2.0	2.5	0.0	4,960	4,960	3,779,618	122,615	122,615	122,615	122,615	139,958	111,156	112,917	92,700	85,001	98,447		
Jun-11	78	288,600	85,043	3.5%	216,589	3.5	5.0	0.0	0.0	0.0	382,500	112,713	3.0	2.0	2.0	0.0	3,560	3,560	3,775,666	111,156	111,156	111,156	111,156	139,958	111,156	112,917	92,700	85,001	98,447		
Jul-11	138	510,600	150,712	3.5%	367,301	4.0	0.0	0.0	0.0	0.0	180,000	53,130	1.5	2.5	1.0	0.0	3,740	3,740	3,714,476	112,917	112,917	112,917	112,917	139,958	111,156	112,917	92,700	85,001	98,447		
Aug-11	91	336,700	103,637	3.7%	471,138	2.0	2.0	0.0	0.0	0.0	180,000	55,511	2.0	2.0	1.5	0.0	3,110	3,110	3,736,190	92,700	92,700	92,700	92,700	139,958	111,156	112,917	92,700	85,001	98,447		
Sep-11	52	192,400	57,488	3.6%	528,626	0.0	1.0	0.0	0.0	0.0	45,000	13,446	2.5	2.5	1.5	0.0	2,840	2,840	3,753,952	85,001	85,001	85,001	85,001	139,958	111,156	112,917	92,700	85,001	98,447		
Oct-11	33	122,100	45,361	4.5%	573,987	0.0	3.0	0.0	0.0	0.0	135,000	50,153	2.0	2.5	1.0	0.0	3,470	3,470	3,733,357	99,524	99,524	99,524	99,524	139,958	111,156	112,917	92,700	85,001	98,447		
Nov-11	0	-	0	4.5%	573,987	3.0	2.5	0.0	0.0	0.0	247,500	92,887	2.0	3.0	2.0	0.0	4,610	4,610	3,775,666	145,165	145,165	145,165	145,165	139,958	111,156	112,917	92,700	85,001	98,447		
Dec-11	5	18,500	3,549	2.3%	577,536	6.0	3.0	0.0	0.0	0.0	405,000	77,694	3.0	4.0	0.0	0.0	3,850	3,850	3,724,334	119,585	119,585	119,585	119,585	139,958	111,156	112,917	92,700	85,001	98,447		
Jan-12	45	170,200	51,317	3.6%	51,317	5.5	3.5	0.0	0.0	0.0	405,000	122,112	2.0	1.5	0.0	0.0	4,060	4,060	3,662,167	124,002	124,002	124,002	124,002	139,958	111,156	112,917	92,700	85,001	98,447		
Feb-12	42	155,400	46,472	3.6%	97,789	4.5	3.0	0.0	0.0	0.0	337,500	100,929	1.0	1.0	0.0	0.0	3,380	3,380	3,635,524	102,483	102,483	102,483	102,483	139,958	111,156	112,917	92,700	85,001	98,447		
Mar-12	12	44,400	14,627	4.0%	112,416	5.5	2.0	0.0	0.0	0.0	337,500	111,185	2.0	2.0	1.5	0.0	2,890	2,890	3,736,190	81,016	81,016	81,016	81,016	139,958	111,156	112,917	92,700	85,001	98,447		
Apr-12	86	318,200	90,939	3.4%	203,355	2.0	1.0	0.0	0.0	0.0	135,000	38,582	2.0	2.5	2.5	0.0	2,870	2,870	3,788,498	93,682	93,682	93,682	93,682	139,958	111,156	112,917	92,700	85,001	98,447		
May-12	47	173,800	42,846	2.9%	246,001	3.0	2.0	0.0	0.0	0.0	225,000	55,177	2.0	2.0	2.0	0.0	3,070	3,070	3,757,904	104,365	104,365	104,365	104,365	139,958	111,156	112,917	92,700	85,001	98,447		
Jun-12	56	207,200	60,513	3.5%	306,514	1.0	3.0	0.0	0.0	0.0	180,000	52,569	1.0	3.0	1.0	0.0	3,560	3,560	3,714,476	96,809	96,809	96,809	96,809	139,958	111,156	112,917	92,700	85,001	98,447		
Jul-12	45	166,500	44,127	3.2%	350,641	5.0	0.0	0.0	0.0	0.0	225,000	59,631	2.0	1.5	1.0	0.0	3,650	3,650	3,705,595	109,093	109,093	109,093	109,093	139,958	111,156	112,917	92,700	85,001	98,447		
Aug-12	0	-	0	0.0%	350,641	2.5	2.5	0.0	0.0	0.0	225,000	59,631	2.0	1.5	1.0	0.0	3,440	3,440	3,718,428	90,369	90,369	90,369	90,369	139,958	111,156	112,917	92,700	85,001	98,447		
Sep-12	33	122,100	29,161	2.9%	379,802	4.5	3.0	0.0	0.0	0.0	337,500	80,605	2.0	2.0	2.0	0.0	3,080	3,080	3,744,094	93,521	93,521	93,521	93,521	139,958	111,156	112,917	92,700	85,001	98,447		
Oct-12	40	148,000	41,473	3.4%	421,275	4.5	0.0	0.0	0.0	0.0	202,500	56,745	1.5	0.0	1.5	0.0	3,160	3,160	3,691,785	99,758	99,758	99,758	99,758	139,958	111,156	112,917	92,700	85,001	98,447		
Nov-12	52	192,400	62,487	3.9%	483,762	2.0	2.0	0.0	0.0	0.0	180,000	58,460	0.0	5.0	2.0	0.0	3,970	3,970	3,775,666	111,156	111,156	111,156	111,156	139,958	111,156	112,917	92,700	85,001	98,447		
Dec-12	9	33,300	9,720	3.5%	493,482	5.0	1.5	0.0	0.0	0.0	292,500	85,378	4.0	1.5	0.0	0.0	4,030	4,030	3,697,691	104,081	104,081	104,081	104,081	139,958	111,156	112,917	92,700	85,001	98,447		
Jan-13	0	-	0	3.5%	-	6.0	2.5	0.0	0.0	0.0	382,500	111,652	1.5	2.0	0.0	0.0	4,120	4,120	3,682,167	124,155	124,155	124,155	124,155	139,958	111,156	112,917	92,700	85,001	98,447		
Feb-13	0	-	0	3.5%	-	6.0	5.0	0.0	0.0	0.0	495,000	144,491	1.0	2.0	1.0	0.0	4,000	4,000	3,696,714	119,314	119,314	119,314	119,314	139,958	111,156	112,917	92,700	85,001	98,447		
Mar-13	8	29,600	8,517	3.5%	8,517	8.0	6.5	0.0	0.0	0.0	652,500	187,748	2.0	2.0	1.0	0.0	4,030	4,030	3,714,476	123,915	123,915	123,915	123,915	139,958	111,156	112,917	92,700	85,001	98,447		
Apr-13	74	273,800	89,488	3.9%	98,005	6.0	6.0	0.0	0.0	0.0	540,000	176,492	2.5	2.0	2.0	0.0	4,620	4,620	3,766,785	135,084	135,084	135,084	135,084	139,958	111,156	112,917	92,700	85,001	98,447		
May-13	82	303,400	95,228	3.8%	193,233	3.5	4.0	0.0	0.0	0.0	337,500	105,931	3.0	5.0	2.0	0.0	3,970	3,970	3,828,952	111,767	111,767	111,767	111,767	139,958	111,156	112,917	92,700	85,001	98,447		
Jun-13	54	199,800	62,210	3.7%	255,443	6.0	3.0	0.0	0.0	0.0	405,000	126,101	1.0	7.0	2.0	0.0	3,850	3,850	3,828,952	117,994	117,994	117,994	117,994	139,958	111,156	112,917	92,700	85,001	98,447		
Jul-13	97	358,900	105,164	3.5%	360,507	6.0	1.0	0.0	0.0	0.0	315,000	92,301	1.5	2.0	1.0	0.0	3,950	3,950	3,705,595	128,181	128,181	128,181	128,181	139,958	111,156	112,917	92,700	85,001	98,447		



Electric Cost



Kilowatts Used



Electric Cost Kilowatts Used

Jan-11	3547	65,206
Feb-11	3757	72,752
Mar-11	4309	84,045
Apr-11	5092	101,440
May-11	7876	103,396
Jun-11	8505	108,021
Jul-11	8983	114,906
Aug-11	8382	103,698
Sep-11	3848	75,430
Oct-11	3697	73,005
Nov-11	3345	64,695
Dec-11	3064	61,670
Jan-12	2784	53,291
Feb-12	2962	57,492
Mar-12	4200	83,720
Apr-12	3943	76,650
May-12	7120	84,700
Jun-12	8431	106,650
Jul-12	8404	100,910
Aug-12	8121	99,190
Sep-12	4653	87,730
Oct-12	3588	67,820
Nov-12	3050	58,850
Dec-12	3472	68,170
Jan-13	4240	66,990
Feb-13	4069	65,810
Mar-13	4056	67,500
Apr-13	5132	83,390
May-13	9135	95,360
Jun-13	9331	107,780
Jul-13	9861	102,490



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

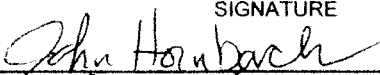
NAME OF FACILITY						LOCATION ADDRESS & CITY							COUNTY/REGION	
Lake of the Ozarks Regional WWTP #1						#3 Anderson Road							Miller/SWRO	
MONTH/YEAR		PERMIT NUMBER				OUTFALL NUMBER		TYPE TREATMENT FACILITY						
Jul-13		MO-0103241				#001		Oxidation Ditch/UV/Sludge Holding-sludge is land applied						
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			22.4	1.925	8.0				5.3	< 20	23.2		
2	7.3			21.7	1.798	8.0				5.8		22.8		
3	7.3			22.5	1.748	8.0			0.46	5.3		22.7		
4	7.2			22.4	1.780	8.0				6.6		22.2		
5	7.3	220	246	23.1	2.230	8.0	1.1	1.4		4.8		23.1	99.5	99.4
6	7.4			22.8	2.478	8.0				5.5		23		
7	7.3			23.1	2.501	7.9				4.8		24.1		
8	7.2			22.7	2.195	8.0				5.0	< 20	24.3		
9	7.3			23.8	1.834	8.0				4.8		25		
10	7.2			23.3	1.790	7.9				4.2		25		
11	7.2			23.6	1.938	8.0			0.17	5.0		25		
12	7.3	215	230	22.8	1.475	8.0	1.2	0.8		4.8		24.6	99.4	99.7
13	7.4			23.1	1.957	7.9				4.8		23.7		
14	7.3			22.9	2.134	7.9				4.9		23.2		
15	7.3			23.8	1.936	7.9				5.1	< 20	24.3		
16	7.1			23.6	1.308	8.0				5.0		24.6		
17	7.2			24.1	1.654	7.9				3.7		25.2		
18	7.1			23.2	2.085	8.0			0.6	5.0		25.3		
19	7.3	240	216	23.7	1.804	8.0	1.9	2		5.1		25.7	99.2	99.1
20	7.2			24.7	2.134	7.8				4.8		26		
21	7.2			24.4	2.215	7.8				3.8		25.6		
22	7.2			24.6	1.862	7.8				4.5	< 20	25.6		
23	7.1			24.5	1.759	7.9				5.0		25.4		
24	7.2			24	1.562	7.9				4.7		25.4		
25	7.2			23.2	1.666	7.9			0.1	4.8		24.4		
26	7.2	300	378	24.3	1.879	7.9	1.3	1.4		4.8		24.7	99.6	99.6
27	7.4			22.5	2.056	7.9				6.3		23		
28	7.5			22.6	2.085	7.9				5.4		22.8		
29	7.4			22.9	2.032	7.9				5.0	< 20	23		
30	7.2			23.9	1.654	7.9				5.4		23.5		
31	7.1			23.9	1.831	7.9				4.9		24.2		
Total					59.305									
Avg		244	268	23	1.913		1.4	1.4	0.33	5.0	<20	24.2	99.4	99.4
Min	7.1	215	216	22	1.308	7.8	1.1	0.8	0.10	3.7	<20	22.2	99.2	99.1
Max	7.5	300	378	25	2.501	8.0	1.9	2.0	0.60	6.6	<20	26.0	99.6	99.7

MONTHLY EFFLUENT MONITORING		QUARTERLY EFFLUENT MONITORING	
DATE	Oil & Grease mg/L	Selenium µg/L	Zinc µg/L
1			
2			
3			
4			
5			
6			
7			
8	< 5.0	< 0.010	0.017
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
Total			
Avg	< 5.0	< 0.010	0.017
Min	< 5.0	< 0.010	0.017
Max	< 5.0	< 0.010	0.017

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	** MLSS	*Settleability		* DO	** MLSS	*Settleability		* Ambient		
		mg/l	mg/l	*30 min ml	Temp ° C	mg/l	mg/l	*30 min ml	Temp ° C	Temp ° F		
1		2.2	4,070	500	22.8	1.5	4,620	680	22.8	64		7:30
2		2.7	4,020	580	22.4	1.5	4,420	690	22.5	62		7:30
3		2.7	3,420	430	21.9	1.5	4,470	750	22.2	62		7:30
4		3.0	3,900	510	22.1	2.2	4,360	690	22.2	60		7:30
5		1.3	3,610	460	23	1.2	4,510	600	22.9	63		7:30
6		1.7	4,380	440	22.8	1.4	4,350	650	22.8	65		7:30
7		1.2	4,370	670	24.1	1.5	3,350	430	24	70		7:30
8	7,900	1.3	5,410	850	24.1	1.5	3,600	460	24	71		7:30
9	9,720	1.4	5,140	780	24.7	1.5	3,890	550	24.6	74		7:30
10		1.1	5,480	800	24.7	1.5	3,340	440	24.6	75	1.3	7:30
11	6,480	1.5	4,640	690	24.7	1.4	4,220	600	24.7	69		7:30
12	4,968	1.5	3,970	610	24.1	1.2	4,140	630	24.2	64		7:30
13		1.4	3,690	520	23.4	1.7	3,990	710	23.6	62		7:30
14		1.4	4,070	600	23.1	1.7	3,120	450	23.2	64		7:30
15		1.4	4,350	600	24.4	1.5	3,300	460	24.3	73		7:30
16	10,183	1.2	4,940	700	24.3	1.2	4,690	650	24.3	72		7:30
17	13,886	1.2	3,690	500	25.1	0.8	5,000	750	25	74		7:30
18	16,293	2.6	4,120	500	25.2	1.7	4,420	550	25.1	73		7:30
19	7,406	1.5	4,800	590	25.4	1.2	4,810	660	25.1	74		7:30
20		1.4	4,880	660	25.8	1.2	4,090	580	25.7	76		7:30
21		1.6	4,030	510	25.2	1.2	5,080	730	25.1	74		7:30
22		1.5	5,430	700	25.3	1.3	4,720	490	25.2	71		7:30
23	8,949	1.5	4,200	550	25.2	1.3	4,580	650	25.1	74		7:30
24	9,998	1.9	4,280	500	24.9	1.6	4,410	600	24.9	72		7:30
25	9,381	2.0	4,240	490	23.6	1.8	4,640	640	23.7	62		7:30
26		1.6	4,040	500	24.1	1.7	4,300	520	24.1	70		7:30
27		2.1	4,910	650	23	3.1	3,370	380	23.1	63	0.5	7:30
28		2.1	3,630	420	22.7	1.6	4,550	690	23	61		7:30
29		2.1	4,300	600	22.9	2.3	3,510	430	23.1	65		7:30
30		2.3	4,530	540	23.3	2.3	3,480	400	23.4	70	0.2	7:30
31		1.5	3,950	420	24.3	1.6	4,410	550	24.2	74	0.15	7:30

COMMENTS : We had a 3 hr. & 40 min. power outage on the 11th, due to Ameren Missouri having an emergency repair of one of the power poles that feed the treatment plant. We called Cindy Davies @ 3:45 pm the 11th and informed her of the situation and ask permission to put Chlorine tabs in the launders of our Clarifiers and she had E.C. West call us back around 4 pm and he gave us the ok to go ahead with our plan. We took chlorine residuals hourly and took ecoli samples during the outage, like requested which results were included in the by-bass report mailed to MDNR on the 15th.

TESTS PERFORMED BY (PRINT): John Hornback	SIGNATURE 	PHONE # (573)365-0455	DATE 8/2/2013
REPORT APPROVED BY (PRINT): Gary Hutchcraft	SIGNATURE 	PHONE # (573)365-0455	DATE 8/2/2013

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

****Required 1/week**

LAKE OZARK/OSAGE BEACH WWTP
Operation Report

FOR JULY 2013

[illegible]

8/2/2013

Date _____

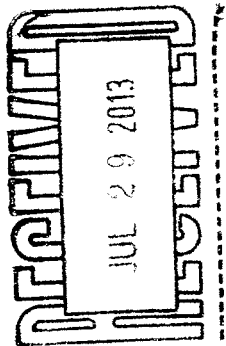
Approved by _____ GH

Prepared by _____ CH, PH, JH

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

CWA - Non-Potable Water
FINAL Performance Evaluation Report
NSI Laboratory Proficiency Testing Program
Study DMRQA-33 - Shipped: 03/25/2013 - Closed: 07/08/2013 - Reports Printed On: 07/24/2013
Participant USEPA Labcode: MO01096

Study Designed and Coordinated by:
NSI Solutions, Inc.
7212 ACC Blvd., Raleigh, NC 27617
ACLASS Certificate#: AP-1693
1-800-234-7837



*IN-HOUSE
RESULTS*

This evaluation report is being submitted to:
Lake of the Ozarks Regional WWTP #1
Attention: Gary Hutchcraft
PO Box 1985
Lake Ozark, MO, 65049

LabCode and Accreditation Information:

Send Results to: EPA Only
EPA Lab Code: MO01096
State Lab Code:
Primary Agency: A2LA -- A2LA
Robert Bryant
11201 Renner Blvd
Lenexa, KS 66219
Reports to : A2LA

Participant Information

NSI Lab Code: N05248
Permittee Code: MO0103241

This report was submitted by Gary Hutchcraft, Local Manager.

Lake of the Ozarks Regional WWTP #1
PO Box 1985
Lake Ozark, MO, 65049
573-365-0455

This PT report may contain data not covered under ACLASS Accreditation. Such data is noted by an asterisk.

MIC-003 Total and Fecal Coliform - Lake of the Ozarks Regional WWTP #1 - NSI Solutions/DMRQA-33

NELAC Analyte #	Analyte	NELAC Method Code	Method Description	Reported Value	Study Mean*	Assigned Value	Units	EPA Code ¹	Acceptance Limits	Evaluation	Analysis Date	Analyst's Name
2525	E.coli, MF	n/a	SM 9222B 21st Ed.	169	230	230	cfu/100mL	MO01096	17.0 to 2150	ACCEPT.	6/24/13	Gary Hutchcraft
2500	Total Coliform, MF	--	Not Reported --									
2500	Total Coliform, MPN	--	Not Reported --									
2530	Fecal Coliform, MF	--	Not Reported --									
2530	Fecal Coliform, MPN	--	Not Reported --									
2525	E.coli, MPN	--	Not Reported --									

PEI-026 Demand - Lake of the Ozarks Regional WWTP #1 - NSI Solutions/DMRQA-33

NELAC Analyte #	Analyte	NELAC Method Code	Method Description	Reported Value	Study Mean*	Assigned Value	Units	Study Standard Deviation*	EPA Code ¹	Acceptance Limits	Evaluation	Analysis Date	Analyst's Name
1530	BOD	n/a	SM 5210B 21st Ed	58.7	62.1	61.1	mg/L	13.7	MO01096	30.7 to 91.5	ACCEPT.	6/20/13	Gary Hutchcraft
1565	COD	--	Not Reported --										
2040	TOC	--	Not Reported --										
1555	CBOD	--	Not Reported --										

PEI-035 pH - Lake of the Ozarks Regional WWTP #1 - NSI Solutions/DMRQA-33

NELAC Analyte #	Analyte	NELAC Method Code	Method Description	Reported Value	Study Mean*	Assigned Value	Units	Study Standard Deviation*	EPA Code ¹	Acceptance Limits	Evaluation	Analysis Date	Analyst's Name
1900	pH	n/a	SM 4500HB+B 21st Ed	6.08	5.96	5.95	units	0.659	MO01096	5.75 to 6.15	ACCEPT.	6/19/13	Gary Hutchcraft

PEI-079 Residue - Lake of the Ozarks Regional WWTP #1 - NSI Solutions/DMRQA-33

NELAC Analyte # Analyte	NELAC Method Code	Method Description	Reported Value Mean*	Assigned Value	Units	Study Standard Deviation*	EPA Code ¹	Acceptance Limits	Evaluation	Analysis Date	Analyst's Name
1960 Non-Filterable Residue (TSS)	n/a	SM 2540D 21st Ed	38.8	41.1	42.0	mg/L	MO01096	31.7 to 48.7	ACCEPT.	6/19/13	Gary Hutchcraft
1950 Total Solids	-- Not Reported --										

PEI-138 Simple Nutrients - Lake of the Ozarks Regional WWTP #1 - NSI Solutions/DMRQA-33

NELAC Analyte # Analyte	NELAC Method Code	Method Description	Reported Value Mean*	Assigned Value	Units	Study Standard Deviation*	EPA Code ¹	Acceptance Limits	Evaluation	Analysis Date	Analyst's Name
1515 Ammonia as N	n/a	SM 4500NH3D 21st Ed	11.6	14.0	13.9	mg/L	MO01096	10.3 to 17.2	ACCEPT.	6/19/13	Gary Hutchcraft
1810 Nitrate as N	-- Not Reported --										
1870 Orthophosphate as P	-- Not Reported --										
1820 Nitrate-nitrite as N	-- Not Reported --										

Assigned Values

All assigned values are established in a manner compliant with the current NELAC FOT for Non-Potable Water. With the exception of TDS and Specific Conductance assigned values are equal to the analytically verified gravimetric true value of the PT sample. For TDS and Specific Conductance, the assigned value is set at the robust study mean.

Accuracy/Traceability/Uncertainty

All assigned values are analytically verified for formulation accuracy prior to shipment. A total of 10 randomly chosen samples are taken from the production run and analyzed against NIST SRMs or CRMs. Traceability to SI is established through microbalance calibration with NIST traceable test masses. The expanded uncertainty at 95% CI with K=2 of each assigned value is available upon request and is typically <0.50%.

Batch Homogeneity

Each individual PT sample batch is thoroughly mixed in production and guaranteed to be homogeneous. Homogeneity is verified analytically according to in-house SOP.

Stability

Each analyte has been verified stable through the end of the PT study by either long term monitoring or study closing stability testing.

Acceptance Limits

Acceptance limits are set according to current NELAC limits. Where no limits are set by NELAC, limits are set to ± 3 standard deviations around the study mean after outlier correction.

Accredited Analytes

All analytes are included under our ISO 17043/ITNI scope of accreditation (Certificate #: AP-1693) unless otherwise noted with an asterisk (*).

PT Study Summary

To view a summary of the PT study results, please see Study Summary Report available in our PT Datalink at www.nsi-es.com.

* The study mean and standard deviation are presented after outlier correction and are based upon pooled reported results without consideration for analytical technology.

1 If present, the EPA Code of the lab that actually performed the analysis for this analyte.



Reviewed/Approved By: _____

Mark Hammersla, President

Date: _____

725-13

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Should you disagree with any element of this PT report, please submit your complaint to nsi@nsi-es.com. Include the study number, your contact information, NSI Labcode, and the nature of your disagreement. An NSI representative will contact you within 48 hours.